AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

BPA NO.	1. CONTRACT ID CODE	PAGE	OF	PAGES
		1		3

2. AMENDMENT/MODIFICATION NUMBER	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NUMBER	5. PROJECT NUMBER (if applicable)
0003	04-28-2025		679-20-104

6. ISSUED BY	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE
Department of Veterans Affairs Program Contracting Activity Central 6100 Oak Tree Blvd, Suite 490 Independence OH 44131	36C776	Department of Veterans Affairs Program Contracting Activity Central 6100 Oak Tree Blvd, Suite 490 Independence OH 44131	36C776

8. NAME AND ADDRESS OF CONTRACTOR (Number, street, county, State and ZIP Code)	(X)	9A. AMENDMENT OF SOLICITATION NUMBER
To all Offerors/Bidders		36C77625R0025
	X	9B. DATED (SEE ITEM 11) 03-11-2025
	☐	10A. MODIFICATION OF CONTRACT/ORDER NUMBER
		10B. DATED (SEE ITEM 13)
CODE / FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[X] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [X] is extended, [ ] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or electronic communication which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or electronic communication, provided each letter or electronic communication makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. ** HOUR & DATE for Receipt of Offers is EXTENDED to: 05-09-2025 15:00 CDT

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
☐	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
☐	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
☐	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
☐	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor [ ] is not, [X] is required to sign this document and return one copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

See Continuation Page for the purpose of this amendment.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Jennifer Braaten Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	16C. DATE SIGNED

The purpose of this Amendment is the following:

1) Update Wage Rate Determination. Please see Attachment 14
2) Provide RFI Responses and relevant attachments. Please see Attachments 18 through 26.
3) Extend proposal due date from May 7, 2025 at 3PM CDT to May 9, 2025 at 3PM CDT.
4) To remove the following FAR provisions and clauses:
    - 52.222-9, Apprentices and Trainees
    - 52.222-21, Prohibition of Segregated Facilities
    - 52.222-23 Notice of Requirement for Affirmative Action To Ensure Equal Employment Opportunity for Construction
    - 52.222-26, Equal Opportunity
    - 52.222-27, Affirmative Action Compliance Requirements for Construction
5) To update the following FAR provisions and clauses to provide deviated language from the published FAR:

    - 52.204-8, Annual Representations and Certifications (JAN 2025) (DEVIATION FEB 2025)
        - (c)(1)(xiv) is now RESERVED
        - (c)(1)(xv) is now RESERVED

    - 52.222-6 Construction Wage Rate Requirements (AUG 2018) (DEVIATION FEB 2025)
        - (b)(3) – remove “, except as provided in the clause entitled Apprentices and Trainees.”

    - 52.222-11 Subcontracts (Labor Standards) (MAY 2014) (DEVIATION FEB 2025)
        - (b)(3) is now RESERVED

    - 52.222-12 Contract Termination—Debarment (MAY 2014) (DEVIATION FEB 2025)
        - Remove “Apprentices and Trainees,”

    - 52.244-6, Subcontracts for Commercial Products and Commercial Services (JAN 2025) (DEVIATION FEB 2025)
        - (c)(1)(xi) is now RESERVED
        - (c)(1)(xii) is now RESERVED

6) To add the following VAAR Clause: 852.222-71, Compliance with Executive Order 13899. (DEVIATION) (APR 2025)

Note: A copy of the solicitation with tracked changes is being provided to show the changes within the document. See - Attachment 27 - 36C77625R0025_0001. Please see highlighted sections.

All content in the original Solicitation remains the same unless revised via Amendment.

ATTACHMENTS

See attached document: Attachment 14 - Updated WD_3.13.2025.

See attached document: Attachment 18 - Laydown Area Site Map.

See attached document: Attachment 19 - Lead Based Paint Report.

See attached document: Attachment 20 - Asbestos Report.

See attached document: Attachment 21 - RFI 70. B13_WALL_TYPE.

See attached document: Attachment 22 - RFI 77. Special Inpsections.

See attached document: Attachment 23 - RFI 223. JSN Fixtures_Toilet.

See attached document: Attachment 24 - RFI 223. Standard Mounting Heights.

See attached document: Attachment 25 - RFIs 263-265 Partial Electrical.

See attached document: Attachment 26 - RFIs - Tuscaloosa_FINAL.

See attached document: Attachment 27 - 36C77625R0025_1.

End of Document

"General Decision Number: AL20250098 03/14/2025

Superseded General Decision Number: AL20240098

State: Alabama

Construction Type: Building
BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories)

County: Tuscaloosa County in Alabama.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(1).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	. Executive Order 14026 generally applies to the contract. . The contractor must pay all covered workers at least $17.75 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2025.
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	. Executive Order 13658 generally applies to the contract. . The contractor must pay all covered workers at least $13.30 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2025.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at http://www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/03/2025
1	03/14/2025

ASBE0078-001 10/01/2024

	Rates	Fringes
ASBESTOS WORKER/HEAT & FROST INSULATOR	$ 31.10	16.40

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* BOIL0108-001 01/01/2025

	Rates	Fringes
BOILERMAKER	$ 34.21	23.92

ENGI0312-001 09/01/2023

	Rates	Fringes
POWER EQUIPMENT OPERATOR		

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     Crane.....................$ 31.52            13.98
     Forklift..................$ 31.52            13.98
----------------------------------------------------------------
 IRON0092-003 09/01/2024

                                  Rates          Fringes

IRONWORKER, STRUCTURAL..........$ 33.75            14.03
----------------------------------------------------------------
 IRON0092-007 09/01/2024

                                  Rates          Fringes

IRONWORKER, REINFORCING.........$ 33.75            14.03
----------------------------------------------------------------
 PLUM0372-005 07/01/2024

                                  Rates          Fringes

PIPEFITTER......................$ 34.85            16.05
----------------------------------------------------------------
 SHEE0048-005 06/01/2024

                                  Rates          Fringes

Sheet Metal Worker (including
HVAC Duct Work).................$ 28.50            19.99
----------------------------------------------------------------
*  SUAL2015-026 08/02/2017

                                  Rates          Fringes

BRICKLAYER......................$ 22.00             0.00

CARPENTER, Includes Form Work....$ 16.18 **          0.00

CEMENT MASON/CONCRETE FINISHER...$ 18.91             4.39

ELECTRICIAN.....................$ 17.80             1.59

LABORER:  Common or General.....$ 12.81 **          0.00

LABORER:  Mason Tender - Brick...$ 12.22 **          0.00

LABORER:  Mason Tender -
Cement/Concrete.................$ 14.23 **          0.00

LABORER:  Pipelayer.............$ 15.59 **          0.00

OPERATOR:
Backhoe/Excavator/Trackhoe.....$ 21.48            11.20

OPERATOR:  Bulldozer............$ 19.96             0.40

OPERATOR:  Grader/Blade.........$ 17.52 **          0.89

OPERATOR:  Loader...............$ 14.69 **          0.00

OPERATOR:  Roller...............$ 14.00 **          1.78

PAINTER (Brush and Roller).....$ 15.31 **          1.41

PAINTER:  Spray.................$ 14.31 **          0.00

PLUMBER.........................$ 18.97             0.36

ROOFER..........................$ 13.66 **          0.00

TILE SETTER.....................$ 20.00             0.00

TRUCK DRIVER:  Dump Truck.......$ 13.60 **          0.00
----------------------------------------------------------------

WELDERS - Receive rate prescribed for craft performing
operation to which welding is incidental.

================================================================

** Workers in this classification may be entitled to a higher
minimum wage under Executive Order 14026 ($17.75) or 13658
($13.30).  Please see the Note at the top of the wage
determination for more information. Please also note that the
minimum wage requirements of Executive Order 14026 are not
currently being enforced as to any contract or subcontract to
which the states of Texas, Louisiana, or Mississippi, including
their agencies, are a party.
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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at https://www.dol.gov/agencies/whd/government-contracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classifications and wage rates that have been found to be prevailing for the type(s) of construction and geographic area covered by the wage determination. The classifications are listed in alphabetical order under rate identifiers indicating whether the particular rate is a union rate (current union negotiated rate), a survey rate, a weighted union average rate, a state adopted rate, or a supplemental classification rate.

Union Rate Identifiers

A four-letter identifier beginning with characters other than ""SU"", ""UAVG"", ?SA?, or ?SC? denotes that a union rate was prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2024. PLUM is an identifier of the union whose collectively bargained rate prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2024 in the example, is the effective date of the most current negotiated rate.

Union prevailing wage rates are updated to reflect all changes over time that are reported to WHD in the rates in the collective bargaining agreement (CBA) governing the classification.

Union Average Rate Identifiers

The UAVG identifier indicates that no single rate prevailed for those classifications, but that 100% of the data reported for the classifications reflected union rates. EXAMPLE: UAVG-OH-0010 01/01/2024. UAVG indicates that the rate is a weighted union average rate. OH indicates the State of Ohio. The next number, 0010 in the example, is an internal number used in producing the wage determination. The date, 01/01/2024 in the example, indicates the date the wage determination was updated to reflect the most current union average rate.

A UAVG rate will be updated once a year, usually in January, to reflect a weighted average of the current rates in the collective bargaining agreements on which the rate is based.

Survey Rate Identifiers

The ""SU"" identifier indicates that either a single non-union rate prevailed (as defined in 29 CFR 1.2) for this classification in the survey or that the rate was derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As a weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SUFL2022-007 6/27/2024. SU indicates the rate is a single non-union prevailing rate or a weighted average of survey data for that classification. FL indicates the State of Florida. 2022 is the year of the survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date,

6/27/2024 in the example, indicates the survey completion date for the classifications and rates under that identifier.

?SU? wage rates typically remain in effect until a new survey is conducted. However, the Wage and Hour Division (WHD) has the discretion to update such rates under 29 CFR 1.6(c)(1).

State Adopted Rate Identifiers

The ""SA"" identifier indicates that the classifications and prevailing wage rates set by a state (or local) government were adopted under 29 C.F.R 1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 01/03/2024 in the example, reflects the date on which the classifications and rates under the ?SA? identifier took effect under state law in the state from which the rates were adopted.

WAGE DETERMINATION APPEALS PROCESS

1) Has there been an initial decision in the matter? This can be:

a) a survey underlying a wage determination
b) an existing published wage determination
c) an initial WHD letter setting forth a position on a wage determination matter
d) an initial conformance (additional classification and rate) determination

On survey related matters, initial contact, including requests for summaries of surveys, should be directed to the WHD Branch of Wage Surveys. Requests can be submitted via email to davisbaconinfo@dol.gov or by mail to:

Branch of Wage Surveys
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

Regarding any other wage determination matter such as conformance decisions, requests for initial decisions should be directed to the WHD Branch of Construction Wage Determinations. Requests can be submitted via email to BCWD-Office@dol.gov or by mail to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2) If an initial decision has been issued, then any interested party (those affected by the action) that disagrees with the decision can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Requests for review and reconsideration can be submitted via email to dba.reconsideration@dol.gov or by mail to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210.

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END OF GENERAL DECISION"

TUSCALOOSA VAMC SITE MAP



SITE PLAN

BUILDING SCHEDULE

MARK	DESCRIPTION
1	ADMINISTRATIVE
2	ADDICTION REHAB/ADMIN/CREDIT UNION
3	RESEARCH/SPD/BOILER PLANT
4	AUDITORIUM
5	ADMINISTRATIVE OFFICES
6	VISN 7 OFFICES
7	TRANSITIONAL HOME
8	WEST ALA. HOSPICE ADMIN SPACE
9	SMOKE STACK CHIMNEY
10	CITY WATER TANK (100,000,000 GAL.)
12	WAREHOUSE
13	WATER PUMP HOUSE & TRANSFORMER
14	GAS METER HOUSE
15	TRANSITIONAL HOME
17	MAINTENANCE SHOPS BUILDING
18	LAUNDRY
25	FOUR CAR GARAGE
26	SINGLE GARAGE
27	GARAGE & STORAGE
28	GARAGE
33	EUL VALOR GROVE
33A	EUL VALOR GROVE ANNEX
37	APCO SUBSTATION
38	PRIMARY CARE CLINICS/CANTEEN
39	STORAGE SPACE/SALVATION ARMY (2ND FLOOR)
40	OIT FIELD OFFICE/CHILDCARE/TRAVEL
41	CWT SHOP & GARAGE
42	ELEVATED WATER TANK (400,000 GAL.)
46	CHAPEL
60	MAIN PRIMARY SWITCHGEAR
61	COMMUNITY LIVING CENTER
62	AUXILLARY POWER UNIT
63	MANAGEMENT OFFICES & LIBRARY
101	GREENHOUSE
135	OUTPATIENT BLDG.
137	270 BED PSYC. BLDG.
138	CHILLER BLDG.
139	GENERATOR BLDG. (FOR BLDG. 137)
140	GENERATOR BLDG. (FOR BLDG. 2 & 38)
141	GENERATOR BLDG. (FOR BLDG. 33,39, & 40)
142	CWT STORAGE BLDG.
143	DIETETICS FACILITY
144	HOSPICE OF WEST ALABAMA
145	REHAB/REC CENTER "COTTAGES"
146	MAGNOLIA HOUSE, (COTTAGE)
147	CAMILLA HOUSE (COTTAGE)
148	COTTAGES FIRE PUMP HOUSE
149	AZALEA HOUSE, (COTTAGE)

LEAD-BASED PAINT
INSPECTION AND ASSESSMENT REPORT

BUILDINGS 1, 2, 3, 4, 5, 6, 8, 12, 13, 14, 17, 18, 25, 27, 28, 39, 40, 41, 46
VA MEDICAL CENTER
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404

Prepared For:

DEPARTMENT OF VETERAN AFFAIRS
VAMC
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404

ATTN: MARK VERSACE

Conducted and Prepared by:

Safety Environmental Laboratories and Consulting, Inc.
989 Yeager Parkway
Pelham, AL 35124

SELC Project # 2014-1107
Report Issued: August 29, 2014

Inspected By:

Nathan Pee
Environmental Technician/
Lead Inspector
AL Safe State LBP Inspector/
Assessor # LRP0712528583

Reported By:

Elizabeth Hyde
Project Manager/
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AL Safe State LBP Inspector/
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Reviewed By:

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Technical Director
AL Safe State LBP Inspector/ Assessor #LRA0712203952

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7.0 CONCLUSIONS AND RECOMMENDATIONS 18

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APPENDICES:

Appendix A Building 1 Inspection Documentation
A-1 – XRF Testing Data Sheets
A-2 – XRF Testing Location Plans
A-3 – Photographic Documentation

- Please note that format *"X"-1* through *"X"-3* will be continued for each building in the appendices below, with the exception of Appendix T and Appendix U.

Appendix B Building 2 Inspection Documentation
Appendix C Building 3 Inspection Documentation
Appendix D Building 4 Inspection Documentation
Appendix E Building 5 Inspection Documentation
Appendix F Building 6 Inspection Documentation
Appendix G Building 8 Inspection Documentation
Appendix H Building 12 Inspection Documentation
Appendix I Building 13 Inspection Documentation
Appendix J Building 14 Inspection Documentation
Appendix K Building 17 Inspection Documentation
Appendix L Building 18 Inspection Documentation
Appendix M Building 25 Inspection Documentation
Appendix N Building 27 Inspection Documentation
Appendix O Building 28 Inspection Documentation
Appendix P Building 39 Inspection Documentation
Appendix Q Building 40 Inspection Documentation
Appendix R Building 41 Inspection Documentation
Appendix S Building 46 Inspection Documentation
Appendix T 2009/2010 SELC Lead Based Paint Inspection Report (partial copy)
Appendix U Inspector and Laboratory Certifications

1.0 PURPOSE AND SCOPE OF SERVICES

The purpose of this "Lead Based Paint Inspection and Assessment" was to determine the potential lead content in paints/coatings applied to primary building components of 19 buildings (Buildings 1, 2, 3, 4, 5, 6, 8, 12, 13, 14, 17, 18, 25, 27, 28, 38, 40, 41, 46) at the VAMC Tuscaloosa campus located at 3701 Pelham Loop Road East in Tuscaloosa, Alabama. These buildings do not meet the United States Environmental Protection Agency (USEPA) definition of "Target Housing" or "Child Occupied Facility". LBP inspection data for the buildings, or portions of buildings, that do meet that EPA housing criteria are reported separately. Generally, SELC's goal was to provide information at a level of detail sufficient for basic hazard communication and initial project planning purposes and to provide information for prospective remediation contractors (i.e. bidders) to determine the appropriate level of worker protection that will be needed for compliance with the OSHA Lead in Construction Standard 29 CFR Part 1926.62. A summary of the scope of services provided by Safety Environmental Laboratories and Consulting, Inc. (SELC) is presented below:

A. Conduct a review of historical lead-based paint (LBP) reports, specifically the 2009/2010 LBP Inspection conducted by SELC at the above referenced, subject structures.
B. Conduct a visual inspection of the selected interior surfaces for the presence of potential lead based paints (LBP) (primer, paint, varnish, stain).
C. Collect and record data about the location and condition of each homogeneous coating. Inspect for damage or deteriorated paint.
D. The paint inspection and testing procedures utilized will generally follow guidance outlined in the HUD "Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing", July 2012 version of Chapter 7, except that the testing locations and frequency for testing will be adjusted to meet the needs of facilities that are not considered to be "Target Housing" or "Child Occupied" facilities, as defined by USEPA and HUD.
E. Conduct representative testing of each homogeneous coating on-site by a portable X-ray Fluorescence (XRF) analyzer, in accordance with manufacturer's recommendations.
F. Identify management and/or mitigation options for areas of damaged or deteriorated LBP. Management and/or mitigation options are generally discussed in the text of this report. For these areas, propose associated abatement costs.
G. Prepare a report (contained herein) which: describes the inspection process, presents all testing results, presents lead-based paint (LBP) descriptions, and generally identifies LBP locations in accordance with OSHA "Communication of Hazards" requirements.

Please note that this report excludes the daycare portion of Building 40. A LBP Inspection of the daycare portion of Building 40 has been submitted under separate cover.

2.0 REGULATIONS, STANDARDS & GUIDELINES

This section of the report outlines basic provisions of various regulations, standards and guidelines related to LBP, as well as lead-containing paints (LCP), associated with construction and demolition operations.

The United States Occupational Safety & Health Administration (OSHA) regulates occupational exposure to lead, in the construction industry through the Lead Exposure in Construction Standard 29 CFR 1926.62. This standard applies to employers of persons potentially exposed to lead from building/structure renovation, repair, construction, and demolition operations. Employers shall assure that no employee is exposed to lead concentrations at or above the permissible exposure limit (PEL). Where the lead exposure resultant from a given work activity

is not known the use of personnel protective equipment and engineered controls coupled with exposure monitoring are generally required at least until the exposure level is established. However, the OSHA Standard does not indicate what minimum concentration of lead in paint or material will likely constitute potential exposures in excess of the PEL. In response to questions concerning this issue OSHA has stated that any detectable concentration of lead may trigger certain provisions of 29 CFR 1926.62, depending upon factors such as the paint condition and the nature of the work impacting the paint. In consideration of the OSHA Standard this inspection addressed lead content in paints down to 0.01 milligrams per square centimeter (mg/cm^2) as well as paints with lead concentrations at or greater than 1.0 mg/cm^2, which is the threshold for coatings commonly referred to as lead-based paint (LBP) that is regulated by the EPA and HUD for certain activities in Target Housing and Child Occupied Facilities.

The federal standards specifically applicable to generators and transporters of hazardous waste are contained in 40 CFR Parts 262 and 263 respectively. Part 40 CFR 262.11 states that the person who generates a solid waste must determine if that waste is a hazardous waste. The definition of hazardous waste and the requirements for hazardous waste determination are contained in 40 CFR 261. The generator of waste on a construction / demolition project may be listed as either, the owner/operator or the contractor; however, both parties share responsibility for regulatory compliance. The waste stream for a renovation or demolition project would presumably consist of a mixture of painted and unpainted building material debris, as is typically generated by renovation or demolition operations. It is common for composite building renovation or demolition waste streams to pass the TCLP test for lead even though various building components are coated with LBP or LCP, in part due to the large volume of non-lead containing materials that comprise buildings. In order to obtain that result, generally the TCLP test method would be conducted on samples derived from painted building components and non-painted components that have been mixed/composited proportional to the actual composition of the structure to be demolished/renovated; rather than a TCLP test of the paints only. However, knowledge of the potential non-hazardous outcome of that type of testing process, in no way relieves the responsible parties of their obligations to actually conduct the necessary waste characterization processes to ensure regulatory compliance.

The only hazardous waste test method allowed by the EPA is the TCLP Method; however, in some cases the EPA will allow other information, in lieu of TCLP analysis, to document non-hazardous status. For example, information derived from “knowledge of process” may be acceptable for certain types of waste streams. If that approach was applied to renovation or demolition debris, one would likely have to know the concentration (in parts per million - ppm) of lead in the paints, and would need to provide valid calculations demonstrating how the relatively small amount of lead in the paints versus the large volume of non-lead containing waste materials could not statistically produce a failing TCLP test. One factor of importance to understand about this process is that the TCLP method involves a 20:1 dilution, such that if the total lead content in the waste stream is originally less than 100 ppm, then the final TCLP leachable lead content cannot be more than the lead hazardous waste threshold of 5 ppm.

Disposal of “architectural” components from housing structures has recently been exempted, by the USEPA, from hazardous material testing, with respect to lead. However, that exemption was basically written to reduce the burden on homeowners performing renovation and LBP abatement work, and as such does not apply to government facilities.

Another potentially important factor, relevant to waste characterization and management, is that metal components coated with LBP/LCP can be relinquished to a properly licensed facility as scrap metal which may not be subject to hazardous waste regulation depending upon the nature of that facility’s operations.

3.0 PREVIOUS INSPECTION REPORT

In 2009/2010, SELC performed a LBP Inspection at 22 buildings located on the VAMC Tuscaloosa campus. These 22 buildings included the subject structures that were inspected during this 2014 inspection, as well as Buildings 33, 61, and 63, which were not included in the scope of work of this 2014 inspection.

LBP was identified on multiple building components in the 19 subject structures that were inspected by SELC in 2014. Generally, the LBP identified in 2014 is consistent with that identified in 2009/2010. A listing of LBP identified by SELC during the 2014 inspection in each subject structure is provided in Section 6.0. Please note that 2009/2010 LBP testing data was also incorporated into the data presented in Section 6.0. A copy of the 2009/2010 SELC report, excluding drawings/site plans and certificates, is included in this report as **Appendix T**.

4.0 PROJECT DESCRIPTION

This section of the report contains a basic description of the 19 subject structures on the VAMC Tuscaloosa, AL campus, and is presented in part, to demonstrate that SELC has a good understanding about the construction history of the subject facility. The information provided in this section also generally references any known, large-scale improvement and/or renovation or LBP abatement projects that have reportedly occurred at the 19 subject structures.

SELC understands the VAMC Tuscaloosa campus was initially constructed in the early 1930s. Buildings 1, 2, 3, 4, 5, 6, 8, 12, 13, 14, 17, 18, 25, 27, and 28 were reportedly constructed between 1931 and 1936. Buildings 39, 40, and 41 were reportedly constructed in 1944. Building 46 was reportedly constructed in 1963.

Please note that most of the subject structures are unpainted, brick-faced buildings that are supported by wood, concrete, and metal structural supports. Most buildings have pitched, slate roofs on the original structure, with flat roofs on additions. Buildings 1, 2, 3, 4, 5, 39, 40, and 46 reportedly have new slate roofs that have been replaced within the last several years.

Generally, interior wall finishes in the 19 subject structures include, but are not limited to, painted plaster, gypsum board, concrete masonry units, and concrete. Original ceilings are painted plaster; however most plaster ceilings are covered by lay-in ceiling tile systems. Generally, flooring is finished with carpet, tiles, laminate products, or hardwood.

Windows throughout the buildings were originally painted wood or metal. SELC has previously identified these as being coated with LBP. However, according to information provided by the VAMC, windows in Buildings 1, 2, and 3 have been replace, although original framing remains in place. The exterior of original window frames were reportedly coated with an encapsulant product and covered with factory coated aluminum. Other buildings at which original window sashes have been replaced and/or exterior window framing has been covered with aluminum include Buildings 5, 8 (except for attic windows), 39, and 40.

5.0 INSPECTION METHODOLOGY

The paint inspections were performed at the 19 buildings between July 2, 2014 and August 5, 2014 by Nathan Pee, a University of Alabama Safe State Environmental Program accredited lead inspector. Mr. Pee is an employee of SELC, an Alabama Department of Public Health

accredited lead firm. All work was performed in accordance with all applicable EPA, HUD, and Alabama regulations. The inspection procedures generally conformed to EPA Regulation 40 CFR 745 utilizing the methodology referenced in July 2012 HUD Guidelines Chapter 7. However, specific testing locations and frequencies were adjusted to meet the needs of facilities that do not meet the USEPA definition of "Target Housing" or "Child Occupied Facility". Mr. Pee conducted paint testing using a Niton XRF portable paint analyzer in accordance with the manufacturer's recommended procedures. SELC is licensed by the Alabama Department of Public Health (ADPH) to own and operate a XRF which contains a radioactive material. See **Appendix U** for inspector and firm certifications.

As previously referenced, the LBP inspection was generally conducted following guidelines published by the EPA and HUD for "Target Housing" and other facilities, constructed prior to 1978, that are occupied by children, age six and under, for a certain amount of time as defined for "Child Occupied Facilities." However, given that the buildings are not and will not be occupied by children there is not a need to specifically identify lead levels on each and every wall in each and every room. Rather the goal is to identify the lead ranges and paint conditions. SELC's primary deviation from the protocols of the HUD Guidelines was a reduction in the quantity of tests per each type of component at each building. However, this inspection addressed all readily accessible interior and exterior painted building materials associated with the 19 subject structures.

HUD and the US EPA guidelines specify a positive determination for LBP when the lead content in a coating is equal to or greater than 1.0 milligrams of lead per square centimeter of painted surface (mg/cm^2) when measured by X-Ray Fluorescence (XRF).

A properly trained lead paint XRF technician employed by SELC used a Niton XLp-700-303, Serial # 21385, to measure the lead content of surface coatings on representative homogenous building components. A homogeneous component is a building material that is uniform in function, composition, texture, age, and generally appears consistent at various locations in/on the building. It should be noted that surface color is not a good indicator of paint homogeneity, because underlying coatings may vary from area to area, even when the surface color is the same. Although surface paint color is recorded it should not be used as the sole source of tracking LBP locations because future painting can change the surface color. The type of component (e.g. door frame) and the substrate material (e.g. metal) coupled with the general area and construction/renovation dates are more important factors for identifying and tracking homogeneous LBP.

6.0 LEAD BASED PAINT TESTING AND RESULTS

Generally, when conducting LBP inspections, SELC assumes that all coatings (primers, paints, stains, varnishes) that were applied / installed prior to 1978 may potentially contain detectable concentrations of lead. The significance of the 1978 date is discussed below. However, installation / application dates were not utilized to exclude paints from testing during this project.

In the early 1970s, common household/commercial paints contained a maximum lead content of 0.5% by weight. The Consumer Product Safety Commission (CPSC), in 1978, established a maximum lead content of 0.06% by weight in dry film of newly applied paint. Again in 2011, the CPSC lowered the allowable lead level in paints, manufactured for normal consumer usage, to 0.009%. To date the USEPA and HUD have developed the most comprehensive lead hazard identification and elimination programs which set the threshold lead level in paints at 0.5% by weight or 1.0 mg/cm^2 by XRF. However, the EPA and HUD standards apply only to housing and

other child (age six and under) occupied facilities that were constructed prior to 1978.

OSHA regulates occupational exposure to lead, but the allowable lead content in materials is not specified by that agency. Directives from OSHA indicate that any detectable concentration of lead may trigger certain provisions of 29 CFR 1926.62 depending upon the nature of the construction activities. Employers are required by 29 CFR 1926.62 to assume that where lead (any detectable concentration) is involved in workplace activities, the employees exposure will be above the action level, and shall protect them until an exposure assessment proves otherwise, unless they have recent (within 12 months) data proving otherwise, for the same work under the same conditions involving the same type of LBP/LCP and similar lead concentration.

SELC conducted on-site XRF testing between July 2, 2014 and August 5, 2014 using a portable XRF paint analyzer. A total of 1,632 instrument readings were recorded. Eighty-five (85) of those readings were related to instrument calibration or internal diagnostics. There were also 112 "Null" readings. This "null"/incomplete status should not be confused with "inconclusive", which is a condition that older model XRF devices produced when the XRF was unable to reconcile between Positive and Negative. The "null' results recorded by SELC's modern Niton instrument are simply incomplete tests normally caused by the inspectors finger not maintaining constant pressure on the XRF trigger, or the instrument sliding along the testing surface thereby forcing the inspector to terminate the test.

During the 2014 LBP inspection, XRF data from SELC's 2009/2010 inspection was taken into consideration during the compilation of the data present in Section 6.0. A copy of the 2009/2010 SELC report, excluding drawings/site plans and certificates, is included in this report as **Appendix T**.

SELC has created a comprehensive appendix for each building that presents the findings of this inspection. Each Appendix includes; the XRF testing data sheets (included in Appendix "*X*"-1) XRF testing location plans (Appendix "*X*"-2); and photographic documentation of damaged or deteriorated LBP (Appendix "*X*"-3). The XRF testing data sheets provide a complete listing of the paint tests and building components on which paint testing was performed.

6.1 Paints Containing >1.0 mg/cm² Lead

Building components that were found to have LBP, coatings with lead concentrations equal to or greater than the 1.0 mg/cm² threshold for lead based paint as established by HUD and the EPA for "Target Housing and Child Occupied Facilities", are listed below. Lead content for each type of component (per building) is listed as the range from lowest to highest.

Please note that LBP and the respective building components that are represented below (in Section 6.1) in italicized, bold lettering (***bold***) represent LBP observed to be damaged or deteriorated. Please refer to Appendix "X"-3 for photographic documentation of areas typical of damaged/deteriorated LBP observed during the 2014 inspection. Other LPBs listed below in Section 6.1 were generally observed to be intact to fair condition.

Building 1 – Main Office Building and Medical Clinics

- ***Paint on exterior wood balusters on mech. penthouse roof*** = 2.70 to 5.20 mg/cm^2
- ***Paint on plaster ceilings (damaged observed generally in staircases or above ceiling tiles)*** = 0.04 to 7.00 mg/cm^2
- ***Paint on wood dormers*** = 0.24 to 1.90 mg/cm^2
- ***Paint on interior metal ductwork in attic mechanical area*** = 32.4 to 35.9 mg/cm^2
- ***Paint on concrete equipment stands in mechanical areas*** = 0.80 to 2.30 mg/cm^2
- ***Paint on interior metal hatch door and door frame in mechanical penthouse*** = 6.70 to 8.40 mg/cm^2
- ***Paint on plaster walls (damaged in localized areas only)*** = 0.00 to 1.70 mg/cm^2
- ***Paint on exterior metal window lintels*** = 0.01 to 32.7 mg/cm^2
- ***Paint on metal exterior handrails*** *See Note Below*
- Paint on interior plaster baseboards in main entrance/lobby = 4.80 mg/cm^2
- Paint on interior plaster columns in main entrance/lobby = 3.80 mg/cm^2
- Paint on plaster crown moldings in main entrance/lobby = 4.50 mg/cm^2
- Paint on interior metal doors and door frames = 0.00 to 4.10 mg/cm^2
- Paint on interior metal electrical panel (elevator mechanical room) = 5.60 mg/cm^2
- Paint on metal motors in elevator mechanical room = 0.60 to 1.80 mg/cm^2
- Paint on metal motor stands in elevator mechanical room = 0.60 to 1.00 mg/cm^2
- Paint on interior metal stairs (mechanical areas) = 0.36 to 3.80 mg/cm^2
- Paint on interior metal stringers (mechanical areas) = 0.01 to 4.70mg/cm^2
- Paint on interior plaster trim in main entrance/lobby = 6.30 mg/cm^2
- Paint on metal handrails and posts in staircases See Note Below
- Paint on wood wall in attic See Note Below

Building 1 Note: LBP was identified on these components during the 2009/2010 inspection; however, either these components were not identified as having LBP during this 2014 inspection, or a re-test was not performed. Unless LBP on these components has been abated, or these components have been removed and recently replaced, they should still be considered to be coated with LBP.

Building 2 – Office Building and Mental Health Clinics

- ***Paint on exterior metal crawlspace vent*** = 20.7 mg/cm^2
- ***Paint on interior metal piping (attic)*** = 10.10 mg/cm^2
- Paint on interior metal door and door frame (attic elevator room) = 0.00 to 2.10 mg/cm^2
- Paint on interior metal ductwork in attic = 8.90 to 10.1 mg/cm^2
- Paint on interior metal handrail (mechanical 8A) = 1.60 mg/cm^2
- Paint on interior metal ladder (attic) = 7.70 mg/cm^2
- Paint on interior metal radiators = 1.80 mg/cm^2
- Paint on interior metal stairs = 8.40 mg/cm^2
- Paint on interior metal stringers in staircases = 2.90 to 4.60 mg/cm^2
- Paint on plaster walls = 0.07 to 1.70 mg/cm^2
- Paint on exterior metal window lintels = 0.70 to 1.20 mg/cm^2
- Paint on interior wood window sills (attic) = 14.7 mg/cm^2

Building 3 – Office Building and Boiler Plant

- ***Paint on interior metal doors (sub-basement)*** = 0.00 to 4.00 mg/cm^2
- ***Paint on interior metal door frames (damaged in sub-basement)*** = 0.00 to 3.80 mg/cm^2
- ***Paint on structural steel*** = 3.40 to 13.3 mg/cm^2
- ***Paint on plaster walls (damage in localized areas only)*** = 0.00 to 1.30 mg/cm^2
- ***Paint on exterior brick chimney/stack*** = 1.30 mg/cm^2
- Paint on wood access door to attic = 6.20 mg/cm^2
- Paint on interior metal balusters = 2.60 mg/cm^2
- Paint on interior metal cage (attic elevator room) = 5.30 mg/cm^2
- Paint on interior metal closet door frames = 3.30 to 5.80 mg/cm^2
- Paint on wood closet rods = 2.40 mg/cm^2
- Paint on wood closet shelves and shelf supports = 3.40 to 4.50 mg/cm^2
- Paint on interior wood doors (sub-basement) = 0.00 to 3.80 mg/cm^2
- Paint on exterior metal door frames = 0.00 to 2.00 mg/cm^2
- Paint on exterior metal door lintels = 2.60 mg/cm^2
- Paint on interior metal hand rail (attic elevator room) = 0.00 to 8.20 mg/cm^2
- Paint on interior metal ladders = 0.00 to 9.00 mg/cm^2
- Paint on interior metal large door in sub-basement = 8.90 mg/cm^2
- Paint on interior metal stair components (tread and riser) = 0.00 to 6.30 mg/cm^2
- Paint on interior brick walls = 0.00 to 3.90 mg/cm^2
- Paint on exterior wood window = 29.8 mg/cm^2
- Paint on metal boiler in sub-basement See Note Below
- Paint on concrete ceiling and ceiling beam in sub-basement See Note Below
- Paint on concrete curb in sub-basement See Note Below
- Paint on metal fire boxes in hallways See Note Below
- Paint on metal handrails throughout building See Note Below
- Paint on wooden mirror frame and shelf in bathroom See Note Below
- Paint on wooden newel post in stairwell See Note Below
- Paint on metal sliding door in sub-basement See Note Below
- Paint on stringers in stairwells See Note Below
- Paint on wooden transom in hallway and office See Note Below
- Paint on concrete wall in storage room See Note Below
- Paint on wooden walls in storage room and hallway See Note Below
- Paint on metal windows and frames in sub-basement See Note Below
- Paint on concrete bay door header on exterior See Note Below

Building 3 Note: LBP was identified on these components during the 2009/2010 inspection; however, either these components were not identified as having LBP during this 2014 inspection, or a re-test was not performed. Unless LBP on these components has been abated, or these components have been removed and recently replaced, they should still be considered to be coated with LBP.

Building 4 - Auditorium

- ***Paint on interior metal window*** = 4.80 mg/cm^2
- ***Paint on interior wood window components*** = 1.30 to 18.4 mg/cm^2
- ***Paint on exterior wood window components*** = 2.10 to 32.4 mg/cm^2
- ***Paint on exterior wood ceilings*** = 38.9 mg/cm^2
- ***Paint on exterior wood door frame*** = 6.20 to 29.6 mg/cm^2

- ***Paint on exterior handrails, balusters, newel posts*** = 0.04 to 10.1 mg/cm^2
- ***Paint on interior metal spiral stair components*** = 3.50 to 9.50 mg/cm^2
- ***Paint on wood transom (interior and exterior faces)*** = 4.40 to 41.4 mg/cm^2
- ***Paint on brick walls*** = 0.11 to 10.8 mg/cm^2
- Paint on interior metal balusters = 0.00 to 3.70 mg/cm^2
- Paint on interior wood baseboards = 4.10 to 6.90 mg/cm^2
- Paint on interior metal attic/ceiling access panel = 8.00 mg/cm^2
- Paint on interior wood chair rail = 19.3 mg/cm^2
- Paint on wood crown molding = 19.40 mg/cm^2
- Paint on interior wood doors = 0.00 to 2.40 mg/cm^2
- Paint on interior metal door frames = 0.00 to 2.50 mg/cm^2
- Paint on interior wood door frames = 0.40 to 13.7 mg/cm^2
- Paint on interior wood door molding = 12.30 mg/cm^2
- Paint on interior metal ladder (mezzanine) = 0.00 to 7.50 mg/cm^2
- Paint on interior metal newel posts in stairwells = 0.00 to 5.40 mg/cm^2
- Paint on metal radiator covers = 9.20 mg/cm^2
- Paint on interior wood stage, stage molding, and columns = 8.50 to 12.6 mg/cm^2
- Paint on interior metal staircase stringer = 0.00 to 5.20 mg/cm^2
- Paint on structural steel = 3.10 to 10.1 mg/cm^2
- Paint on interior plaster walls and ceilings = 0.01 to 10.3 mg/cm^2
- Paint on interior wood walls = 0.00 to 12.4 mg/cm^2
- Paint on interior wood wall trim = 12.80 mg/cm^2
- Paint on wood cabinetry in auditorium See Note Below
- Paint on metal cage in foyer See Note Below
- Paint on interior metal handrails See Note Below
- Paint on wood exterior columns See Note Below
- Paint on metal fire hydrant See Note Below
- Paint on exterior concrete threshold See Note Below

Building 4 Note: LBP was identified on these components during the 2009/2010 inspection; however, either these components were not identified as having LBP during this 2014 inspection, or a re-test was not performed. Unless LBP on these components has been abated, or these components have been removed and recently replaced, they should still be considered to be coated with LBP.

Building 5 – Office Building (Safety/Engineering)

- ***Paint on exterior wood door molding*** = 26.50 mg/cm^2
- ***Paint on exterior wood columns and pilasters*** = 0.00 to 17.9 mg/cm^2
- ***Paint on wood exterior wood ceiling and trim*** See Note Below
- ***Paint on exterior wood soffit*** See Note Below
- Paint on interior metal balusters = 0.00 to 3.60 mg/cm^2
- Paint on plaster ceilings = 0.16 to 3.70 mg/cm^2
- Paint on plaster cove base / baseboards = 0.00 to 2.10 mg/cm^2
- Paint on interior metal door (mechanical areas) = 0.00 to 2.90 mg/cm^2
- Paint on interior metal door frames = 0.00 to 9.40 mg/cm^2
- Paint on exterior wood door frames = 0.00 to 1.70 mg/cm^2
- Paint on metal fire ext. cab door frames = 0.01 to 2.80 mg/cm^2
- Paint on interior wood newel posts = 3.10 mg/cm^2
- Paint on interior metal risers and stringers in stairwells = 0.01 to 5.60 mg/cm^2

- Paint on wood and metal stall divider = 2.00 to 2.10 mg/cm^2
- Paint on wood and metal stall door = 1.60 mg/cm^2
- Paint on wood and metal transoms = 1.50 to 12.5 mg/cm^2
- Paint on interior wood window components (excluding sashes) = 0.00 to 10.5 mg/cm^2
- Paint on block walls in stairwells and Mechanical Room See Note Below
- Paint on exterior metal newel posts See Note Below
- Paint on exterior concrete thresholds See Note Below

Building 5 Note: LBP was identified on these components during the 2009/2010 inspection; however, either these components were not identified as having LBP during this 2014 inspection, or a re-test was not performed. Unless LBP on these components has been abated, or these components have been removed and recently replaced, they should still be considered to be coated with LBP.

Building 6 – Former VISN Office Building / Quarters Building

- ***Paint on exterior wood porch ceilings*** = 21.8 mg/cm^2
- ***Paint on exterior wood columns*** = 0.06 to 36.5 mg/cm^2
- ***Paint on exterior metal doors*** = 28.20 mg/cm^2
- ***Paint on exterior wood doors*** = 0.50 to 28.8 mg/cm^2
- ***Paint on exterior wood door frames*** = 15.3 to 38.2 mg/cm^2
- ***Paint on exterior metal handrails*** = 0.50 to 1.80 mg/cm^2
- ***Paint on exterior wood handrails*** = 2.50 mg/cm^2
- ***Paint on wood louver and louver screens*** = 4.00 to 4.20 mg/cm^2
- ***Paint on exterior wood newel post****s* = 1.00 mg/cm^2
- ***Paint on wood stair risers and stringers*** = 4.20 to 8.60 mg/cm^2
- ***Paint on exterior wood window components and transoms (Note: original sashes remain in attic / are coated with LBP)*** = 2.10 to 10.1 mg/cm^2
- ***Paint on exterior metal window lintels*** = 4.90 to 24.5 mg/cm^2
- ***Paint on structural steel*** = 8.40 to 10.1mg/cm^2
- ***Paint on exterior brick walls*** = 25.9 mg/cm^2
- ***Paint on interior plaster ceilings*** ****textured ceiling material on plaster ceilings is significantly damaged/delaminating** = 0.00 to 3.10 mg/cm^2
- Paint on wood balusters in stair wells = 2.30 to 5.90 mg/cm^2
- Paint on wood baseboards = 0.00 to 9.10 mg/cm^2
- Paint on wood closet doors = 0.01 to 4.60 mg/cm^2
- Paint on wood closet door frames = 5.30 mg/cm^2
- Paint on wood closet rods = 2.30 mg/cm^2
- Paint on wood closet shelves = 3.30 to 4.10 mg/cm^2
- Paint on wood closet shelf supports = 2.30 to 4.20 mg/cm^2
- Paint on interior wood doors = 0.00 to 9.50 mg/cm^2
- Paint on interior wood door frames = 0.00 to 7.40 mg/cm^2
- Paint on interior door frame (rear) = 3.40 mg/cm^2
- Paint on interior door (rear) = 7.70 mg/cm^2
- Paint on wood fascia = 35.10 mg/cm^2
- Paint on interior wood handrails = 0.03 to 6.20 mg/cm^2
- Paint on wood stair landing in attics = 5.90 mg/cm^2
- Paint on wood mantle = 5.50 to 6.10 mg/cm^2
- Paint on interior wood newel posts = 0.11 to 3.90 mg/cm^2
- Paint on exterior wood soffit = 40.3 mg/cm^2

- Paint on wood stair tread = 5.90 to 6.90 mg/cm^2
- Paint on interior face of wood window components and transom (excludes sashes, except in attic) = 0.10 to 10.7 mg/cm^2
- Paint on plaster wall in bathroom See Note Below

Building 6 Note: LBP was identified on these components during the 2009/2010 inspection; however, either these components were not identified as having LBP during this 2014 inspection, or a re-test was not performed. Unless LBP on these components has been abated, or these components have been removed and recently replaced, they should still be considered to be coated with LBP.

Building 8 – Hospice Sunrise Center

- ***Paint on wood crawlspace door and door frame*** = 3.10 to 6.00 mg/cm^2
- ***Paint on exterior wood doors*** = 30.3 mg/cm^2
- ***Paint on exterior wood door frames*** = 33.0 to 45.8 mg/cm^2
- ***Paint on wood fascia and soffit*** = 34.8 to 36.5 mg/cm^2
- ***Paint on exterior metal handrail*** = 0.80 to 7.60 mg/cm^2
- ***Paint on exterior wood handrails*** = 1.30 to 1.90 mg/cm^2
- ***Paint on interior wood window components (all)*** = 0.01 to 8.70 mg/cm^2
- ***Paint on exterior metal window lintels*** = 3.90 to 11.2 mg/cm^2
- ***Paint on exterior wood window components (all)*** = 0.06 to 40.7 mg/cm^2
- ***Paint on interior wood stair risers and stringers*** = 4.50 to 7.70 mg/cm^2
- ***Paint on concrete walls in basement*** See Note Below
- ***Paint on interior wood door frames*** = 0.01 to 9.10 mg/cm^2
- Paint on interior wood balusters in stairwells = 0.02 to 9.30 mg/cm^2
- Paint on interior wood baseboards = 0.00 to 12.6 mg/cm^2
- Paint on wood closet door frames = 5.70 to 5.90 mg/cm^2
- Paint on wood closet shelves and shelf supports = 2.90 mg/cm^2
- Paint on interior wood doors = 0.00 to 6.70 mg/cm^2
- Paint on interior wood handrails = 12.80 mg/cm^2
- Paint on wood mantle = 8.30 mg/cm^2
- Paint on structural steel = 11.5 to 12.9 mg/cm^2
- Paint on exterior and interior wood transom = 3.50 to 10.8 mg/cm^2
- Paint on wood stair treads = 2.90 to 3.60 mg/cm^2
- Paint on exterior wood trim = 40.0 mg/cm^2
- Paint on interior wood wall (porch) = 1.40 mg/cm^2
- Paint on interior plaster ceilings See Note Below
- Paint on wood closet coat rack hangers See Note Below
- Paint on interior newel posts in stairwells See Note Below
- Paint on wood bathroom stall See Note Below
- Paint on plaster walls in foyer and hallway See Note Below

Building 8 Note: LBP was identified on these components during the 2009/2010 inspection; however, either these components were not identified as having LBP during this 2014 inspection, or a re-test was not performed. Unless LBP on these components has been abated, or these components have been removed and recently replaced, they should still be considered to be coated with LBP.

Building 12 - Warehouse

- ***Paint on wood door frames (interior and exterior)*** = 7.30 to 39.2 mg/cm^2
- ***Paint on wood eaves, fascia, soffit*** = 2.50 to 36.9 mg/cm^2
- ***Paint on exterior metal handrails*** = 0.05 to 3.40 mg/cm^2
- ***Paint on exterior wood components*** (see note below) = 2.20 mg/cm^2
- ***Paint on metal windows (interior and exterior)*** = 0.13 to 8.30 mg/cm^2
- ***Paint on interior metal window cages*** = 8.40 to 12.3 mg/cm^2
- ***Paint on interior metal doors*** = 1.40 mg/cm^2
- ***Paint on interior metal door frames*** = 0.00 to 2.50 mg/cm^2
- ***Paint on concrete floor and ground markings*** = 3.40 to 3.90 mg/cm^2
- ***Paint on structural steel*** = 0.00 to 16.9 mg/cm^2
- Paint on metal safe = 1.40 mg/cm^2
- Paint on interior plaster walls = 5.40 mg/cm^2
- Paint on interior concrete window sills = 0.13 to 2.80 mg/cm^2
- Paint on concrete floor in bathroom See Note Below
- Paint on metal stall in bathroom See Note Below
- Paint on gypsum board walls in offices See Note Below

Building 12 Note: LBP was identified on these components during the 2009/2010 inspection; however, either these components were not identified as having LBP during this 2014 inspection, or a re-test was not performed. Unless LBP on these components has been abated, or these components have been removed and recently replaced, they should still be considered to be coated with LBP.

Building 13 – Small Building

- ***Paint on metal window components*** = 6.20 to 28.7 mg/cm^2
- Paint on metal piping = 1.20 mg/cm^2
- Paint on exterior wood door frame See Note Below

Building 13 Note: LBP was identified on these components during the 2009/2010 inspection; however, either these components were not identified as having LBP during this 2014 inspection, or a re-test was not performed. Unless LBP on these components has been abated, or these components have been removed and recently replaced, they should still be considered to be coated with LBP.

Building 14 – Small Building

- ***Paint on wood doors*** = 34.6 mg/cm²
- ***Paint on wood door frames*** = 8.40 mg/cm²
- ***Paint on wood fascia*** = 22.3 mg/cm²
- ***Paint on metal windows*** = 1.90 mg/cm²

Building 17 - Shops

- ***Paint on exterior wood doors*** = 32.9 mg/cm^2
- ***Paint on exterior wood door frames*** = 31.7 mg/cm^2
- ***Paint on exterior metal door lintels*** = 45.4 mg/cm^2
- ***Paint on exterior metal windows*** = 0.30 to 25.0 mg/cm^2
- ***Paint on exterior metal window lintels*** = 20.0 to 24.7 mg/cm^2
- Paint on interior plaster ceilings and walls = 1.60 to 1.70 mg/cm^2
- Paint on interior wood doors = 0.00 to 7.30 mg/cm^2
- Paint on interior wood door frames = 0.00 to 8.30 mg/cm^2

- Paint on interior metal door frames = 0.00 to 2.70 mg/cm^2
- Paint on exterior wood rafters, eaves, fascia = 27.5 to 34.2 mg/cm^2
- Paint on structural steel = 0.00 to 9.70 mg/cm^2
- Paint on interior metal windows = 0.30 to 4.20 mg/cm^2
- Paint on interior metal window frames = 0.30 to 4.40 mg/cm^2
- Metal marking paint See Note Below

Building 17 Note: LBP was identified on these components during the 2009/2010 inspection; however, either these components were not identified as having LBP during this 2014 inspection, or a re-test was not performed. Unless LBP on these components has been abated, or these components have been removed and recently replaced, they should still be considered to be coated with LBP.

Building 18 - Laundry

- ***Paint on interior concrete floor (basement)*** = 0.03 to 1.40 mg/cm^2
- ***Paint on exterior metal handrails*** = 0.00 to 19.3 mg/cm^2
- ***Paint on exterior metal windows*** = 0.06 to 10.0 mg/cm^2
- ***Paint on interior metal window cages*** = 8.80 mg/cm^2
- ***Paint on exterior metal window lintels*** = 11.3 mg/cm^2
- ***Paint on interior wood door (one office)*** = 0.00 to 1.30 mg/cm^2
- Paint on interior metal pipes (basement) = 10.10 mg/cm^2
- Paint on interior wood roof deck = 9.10 mg/cm^2
- Paint on structural steel (including roof deck) = 0.00 to 25.9 mg/cm^2
- Paint on interior concrete walls = 0.00 to 1.40 mg/cm^2
- Paint on wood door and door frame (exterior) See Note Below
- Paint on wood eaves, fascia, soffit See Note Below

Building 18 Note: LBP was identified on these components during the 2009/2010 inspection; however, either these components were not identified as having LBP during this 2014 inspection, or a re-test was not performed. Unless LBP on these components has been abated, or these components have been removed and recently replaced, they should still be considered to be coated with LBP.

Building 25 – Garage Building

- ***Paint on metal corner protectors*** = 8.80 to 10.1 mg/cm²
- ***Paint on wood fascia and soffit*** = 0.00 to 21.3 mg/cm²
- ***Paint on wood roll up door frames*** = 22.1 to 24.0 mg/cm^2
- ***Paint on wood louver*** = 2.50 to 20.9 mg/cm^2
- ***Paint on metal roll up doors*** = 16.3 to 17.6 mg/cm^2
- ***Paint on wood door frames*** = 8.30 mg/cm²
- Paint on concrete walls See Note Below

Building 25 Note: LBP was identified on these components during the 2009/2010 inspection; however, either these components were not re-tested, or were not identified as having LBP during this inspection. Unless LBP on these components has been abated, or these components have been removed and recently replaced, they should still be considered to be coated with LBP.

Building 27 – Garage Building

- ***Paint on metal corner protectors*** = 0.19 to 10.1 mg/cm²
- ***Paint on wood louver doors*** = 5.20 to 9.30 mg/cm²
- ***Paint on wood louver*** = 8.40 to 22.3 mg/cm²
- ***Paint on wood roll up door frames*** = 16.1 to 20.6 mg/cm²
- ***Paint on wood fascia and soffit*** = 10.1 to 19.6 mg/cm²

Building 28 – Garage Building

- ***Paint on metal corner protectors*** = 8.50 mg/cm²
- ***Paint on wood fascia and soffit*** = 31.6 to 33.6 mg/cm²
- ***Paint on wood louver*** = 23.10 mg/cm²
- ***Paint on wood roll up door frames*** = 8.30 to 43.3 mg/cm²

Building 39 – Office Building / Tuscaloosa OIT Offices

- ***Paint on interior metal cages*** = 1.20 to 14.3 mg/cm²
- ***Paint on exterior metal window lintels*** = 35.7 to 35.8 mg/cm²
- ***Paint on exterior metal downspout bases*** = 2.00 mg/cm²
- ***Paint on interior metal handrails*** = 1.50 to 2.60 mg/cm²
- ***Paint on structural steel*** = 9.00 to 11.6 mg/cm²
- ***Paint on wood windows in attic*** = 13.9 to 17.6 mg/cm²
- ***Paint on interior plaster / concrete ceilings (areas of significant delamination in first and second floor offices off central hallway)*** = 0.17 to 1.10 mg/cm²
- ***Paint on interior plaster walls (areas of significant delamination in first and second floor offices off central hallway)*** = 0.00 to 1.30 mg/cm²
- Paint on interior plaster columns = 0.50 to 1.20 mg/cm²
- Paint on interior metal doors = 0.15 to 1.40 mg/cm²
- Paint on interior metal door frames = 0.00 to 2.30 mg/cm²
- Paint on interior wood door frames = 23.20 mg/cm²
- Paint on interior fire ext. cab door frames = 1.60 to 8.40 mg/cm²
- Paint on interior metal window frames = 0.00 to 9.70 mg/cm²
- Paint on concrete baseboard in storage room See Note Below
- Paint on wood window sills and sashes throughout building See Note Below

Building 39 Note: LBP was identified on these components during the 2009/2010 inspection; however, either these components were not identified as having LBP during this 2014 inspection, or a re-test was not performed. Unless LBP on these components has been abated, or these components have been removed and recently replaced, they should still be considered to be coated with LBP.

Building 40 – Office Building / Daycare*

*Please note that this report excludes the daycare portion of Building 40. A LBP Inspection of the daycare portion of Building 40 has been submitted under separate cover.

- ***Paint on interior metal cages*** = 1.70 mg/cm²
- ***Paint on structural steel*** = 8.40 to 21.9 mg/cm²
- ***Paint on interior wood windows*** = 9.70 to 19.0 mg/cm²
- ***Paint on exterior metal downspout bases*** = 2.40 mg/cm²

- ***Paint on exterior metal window lintels*** = 25.80 mg/cm^2
- ***Paint on interior metal handrails*** = 0.00 to 3.00 mg/cm^2
- ***Paint on interior plaster ceilings (localized areas)*** = 1.70 mg/cm^2
- ***Paint on interior plaster walls (localized areas)*** = 1.20 to 1.30 mg/cm^2
- ***Paint on interior metal door frames*** = 1.90 to 3.60 mg/cm^2
- ***Paint on interior wood door frames*** = 0.50 to 17.3 mg/cm^2
- Paint on interior wood doors = 21.30 mg/cm^2
- Paint on interior metal window frames = 9.00 mg/cm^2
- Paint on interior wood window sills = 0.14 to 11.8 mg/cm^2

Building 41 – Grounds Building

- ***Paint on wood rafter, fascia, eave, soffit*** = 13.9 to 19.3 mg/cm^2
- ***Paint on metal windows (interior & exterior)*** = 0.30 to 19.2 mg/cm^2
- ***Paint on metal window lintels (interior & exterior)*** = 0.70 to 16.5 mg/cm^2
- ***Paint on interior concrete window sills*** = 0.50 to 1.60 mg/cm^2
- ***Paint on concrete ceilings and columns on ground floor*** See Note Below
- ***Paint on interior metal door frames*** = 0.00 to 1.60 mg/cm^2
- Paint on interior metal cage = 2.00 mg/cm^2
- Paint on interior metal corner protectors = 1.50 to 3.90 mg/cm^2
- Paint on wood crawlspace access door = 9.70 mg/cm^2
- Paint on interior metal door = 0.21 to 2.40 mg/cm^2
- Paint on interior wood doors = 0.17 to 7.80 mg/cm^2
- Paint on interior wood shelving = 3.00 mg/cm^2
- Paint on plaster wall in bathroom See Note Below

Building 41 Note: LBP was identified on these components during the 2009/2010 inspection; however, either these components were not identified as having LBP during this 2014 inspection, or a re-test was not performed. Unless LBP on these components has been abated, or these components have been removed and recently replaced, they should still be considered to be coated with LBP.

Building 46 - Chapel

- ***Paint on wood decorative grill*** = 6.60 mg/cm²
- ***Paint on exterior metal door*** = 7.40 mg/cm²
- ***Paint on exterior metal door frames*** = 5.40 to 12.0 mg/cm^2
- ***Paint on metal down spout bases*** = 1.10 mg/cm^2
- ***Paint on wood soffit and fascia*** = 16.6 mg/cm^2
- ***Paint on metal window lintel*** = 0.00 to 2.40 mg/cm^2
- Paint on interior metal handrails = 2.40 to 7.30 mg/cm^2
- Paint on exterior metal sign = 1.40 mg/cm^2
- Paint on metal storage box See Note Below

Building 46 Note: LBP was identified on these components during the 2009/2010 inspection; however, either these components were not identified as having LBP during this 2014 inspection, or a re-test was not performed. Unless LBP on these components has been abated, or these components have been removed and recently replaced, they should still be considered to be coated with LBP.

6.2 Paints Containing <1.0 mg/cm² Lead

XRF testing detected only low concentrations of lead (i.e. ≥0.01 mg/cm² to 0.99 mg/cm²), referred to as lead containing paints (LCP), as potentially regulated by OSHA in the coatings applied to the following components:

Building 1 – Main Office Building and Medical Clinics
- Paint on exterior metal awning
- Paint on interior metal baluster
- Paint on interior concrete ceilings / columns / floors
- Paint on interior wood doors
- Paint on interior metal fire ext. cabinets
- Paint on interior wood hand rails
- Paint on exterior metal lamps
- Paint on interior metal sprinkler piping
- Paint on interior wood stairs
- Paint on interior brick walls
- Paint on interior concrete window sills

Building 2 – Office Building and Mental Health Clinic
- Paint on interior metal cages
- Paint on plaster ceilings
- Paint on interior plaster columns
- Paint on metal fire ext. cab. doors
- Paint on concrete floors
- Paint on metal motors
- Paint on interior metal doors (excluding attic)

Building 3 – Office Building and Boiler Plant
- Paint on concrete baseboards
- Paint on wood cabinets
- Paint on interior wood door frames
- Paint on interior concrete floors
- Paint on exterior metal handrails
- Paint on interior metal newel posts
- Paint on interior metal stringers
- Paint on interior gypsum board walls
- Paint on interior plaster window sills

Building 4 - Auditorium
- Paint on exterior metal archway
- Paint on exterior wood walls
- Paint on interior concrete floors
- Paint on exterior metal pipe
- Paint on metal radiators

Building 5 – Office Building (Safety/Engineering)
- Paint on concrete ceiling
- Paint on interior wood door
- Paint on metal downspout base

- Paint on fire ext. cab door
- Paint on exterior concrete floor
- Paint on exterior metal handrail
- Paint on metal radiators
- Paint on interior and exterior concrete steps
- Paint on interior plaster and brick walls
- Paint on exterior metal window lintel
- Paint on wood window screen frame

Building 6 – Former VISN Office Building / Quarters Building
- Paint on crawlspace door and door frame
- Paint on metal downspout base
- Paint on exterior concrete floor
- Paint on metal light fixtures
- Paint on interior concrete and plaster walls

Building 8 – Hospice Sunrise Center
- Paint on wood closet doors and rods
- Paint on wood crown molding
- Paint on metal downspout base
- Paint on brick fireplace
- Paint on concrete floor
- Paint on exterior metal ladder
- Paint on metal light fixture
- Painted wood louvered door frame
- Paint on interior concrete and plaster walls

Building 12 - Warehouse
- Paint on metal awning pole
- Paint on exterior wood crawlspace door
- Paint on exterior metal dock
- Paint on interior wood door
- Paint on exterior metal door frame
- Paint on metal downspout base
- Paint on metal radiator
- Paint on metal sprinkler pipe
- Paint on metal interior walls
- Paint on exterior factory coated metal

Building 13 – Small Building
- Paint on exterior wood door
- Paint on exterior metal door and door frame
- Paint on wood fascia
- Paint on metal louver
- Paint on interior concrete masonry unit walls

Building 14 – Small Building
- Paint on exterior wood screen widow frame

Building 17 - Shops
- Paint on gypsum board ceiling
- Paint on interior concrete ceiling
- Paint on interior metal doors
- Paint on interior concrete floor
- Paint on interior metal ladder
- Paint on metal radiator
- Paint on interior wood shelving
- Paint on interior metal sprinkler pipe
- Paint on interior metal stall door and wall
- Paint on interior brick wall
- Paint on interior concrete masonry block
- Interior factory coated metal walls
- Paint on concrete window sills

Building 18 - Laundry
- Paint on interior metal doors and door frames
- Paint on interior brick, plaster, and metal walls
- Paint on interior metal windows and window frames
- Paint on interior concrete window sills

Building 25 – Garage Building
- Paint on exterior concrete walls

Building 27 – Garage Building
- Paint on exterior metal handrail

Building 28 – Garage Building
- NONE

Building 39 – Office Building / Tuscaloosa OIT Offices
- Paint on interior concrete ceilings
- Paint on interior concrete cove base
- Paint on wood fire ext. cab doors
- Paint on metal radiator covers
- Paint on metal sprinkler piping
- Paint on interior wood window sills

Building 40 – Office Building / Daycare (excludes daycare)
- Paint on interior plaster columns
- Paint on interior metal doors
- Paint on metal radiator cover
- Paint on exterior metal handrails

Building 41 – Grounds Building
- Paint on plaster ceilings and walls
- Paint on interior brick door surrounding
- Paint on exterior metal downspout base
- Paint on wood fire ext. cab door
- Paint on metal fire ext. cab door frames

- Paint on concrete floor
- Paint on interior metal handrails
- Paint on interior metal piping
- Paint on metal radiators
- Paint on interior metal roll up door frame
- Paint on interior brick walls

Building 46 - Chapel

- Paint on plaster arches
- Paint on exterior concrete ceilings
- Paint on wood closet doors
- Paint on metal closet doors and door frames
- Paint on interior wood door
- Paint on interior metal doors and door frames
- Paint on interior concrete equipment stands
- Paint on concrete floor
- Paint on concrete masonry unit walls
- Paint on interior wooden window sills

7.0 CONCLUSIONS AND RECOMMENDATIONS

With regard to damaged or deteriorated LBP, lead hazard control measures, either interim controls or abatement, should be implemented to remove potential LBP hazards, which are created by the presence of and exposure to lead paint chips and/or lead-containing dust or soil. Lead hazard control measures should be performed by an Alabama Department of Public Health accredited lead abatement company.

Interim hazard control measures include dust removal, paint film stabilization, control of friction/abrasion points, and/or moisture control. Refer to Chapter 11 of the Guidelines for the Identification and Control of Lead-Based Paint Hazards in Housing for information on interim control methods of addressing LPB hazards. Permanent hazard control measures (abatement) would include encapsulation, LBP removal, or building component replacement. Refer to Chapter 12 of the Guidelines for the Identification and Control of Lead-Based Paint Hazards in Housing for information on abatement methods. Subsequent to completion of the chosen hazard control option, a thorough cleaning of all surfaces in the affected areas should be conducted, and followed by a Clearance Examination (visual inspection & dust wipe sampling) performed by a certified LBP Inspector/Risk Assessor.

Costs of LBP abatement vary greatly depending on the type of work planned (encapsulation, enclosure, LBP removal, or building component removal). However, according to the EPA, professional LBP abatement costs average $8.00 to $15.00 per square foot for a typical residential structure. Please note that estimates for LBP can/should be obtained by a licensed LBP abatement contractor for each planned renovation or demolition project.

The VAMC can address lead exposure issues associated with renovation and demolition projects through identification of the LBP descriptions and appropriate delineation of the contractor's obligations for OSHA compliance. Preparation of lead handling specifications and related notes on project drawings are the best way to identify these criteria. Lead exposure reduction issues for the maintenance staff could be addressed through safe working practices that are generally defined in various EPA documents, special training classes, and/or a facility

specific LBP Operations & Maintenance program.

8.0 ASSUMPTIONS AND LIMITATIONS

The results, findings, conclusions and recommendations expressed in this report are based only on conditions that were observed during the inspection performed by SELC on dates listed herein. It should be noted that materials within a given portion of the project area that appear alike to materials in other parts of the project area were assumed to be homogeneous and therefore were not necessarily tested at each room/space/location. This practice is consistent with EPA & HUD guidance.

This investigation was generally non-destructive in nature. Any conditions or materials, which were not visible on the surface or through openings in the building systems, were not inspected and may differ from those observed. It was not within the scope of this investigation to remove surface materials to investigate portions of the structure or materials that lay beneath the surface. Our selection of test locations and frequency is based upon our observations and the assumption that apparent like materials in the same area are homogeneous.

This report is designed to aid the building owner, architect, construction manager, general contractors and potential abatement contractors in locating lead-based paint. This report is not intended to be a stand-alone bidding/contract document. It was not within the scope of services for this inspection for SELC to provide LBP demolition or abatement guidance for any specific projects.

APPENDIX A

BUILDING 1
MAIN BUILDING



INCLUDED IN APPENDIX A:

A-1 – XRF Testing Data Sheets

A-2 – XRF Testing Location Plans

A-3 – Photographic Documentation

APPENDIX A-1
XRF Testing Data Sheets

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 1
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
1	7/21/2014 9:39												1.43*
2	7/21/2014 9:46	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
3	7/21/2014 9:46	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
4	7/21/2014 9:47	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.10
5	7/21/2014 9:47	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90
6	7/21/2014 9:48	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90
7	7/21/2014 10:22	Ballistrade	Wood	B	Poor	White	Exterior	Roof	Pentouse Roof	Bldg 1	NP	Positive	5.20
8	7/21/2014 10:23	Ballistrade	Wood	C	Poor	White	Exterior	Roof	Pentouse Roof	Bldg 1	NP	Positive	2.70
9	7/21/2014 10:23	Ballistrade	Wood	A	Poor	White	Exterior	Roof	Pentouse Roof	Bldg 1	NP	Positive	3.60
10	7/21/2014 10:25	Wall	Panel	A	Intact	White	Exterior	Roof	Pentouse Roof	Bldg 1	NP	Negative	0.00
11	7/21/2014 10:25	Wall	Panel	B	Intact	White	Exterior	Roof	Pentouse Roof	Bldg 1	NP	Null	0.00
12	7/21/2014 10:25	Wall	Panel	B	Intact	White	Exterior	Roof	Pentouse Roof	Bldg 1	NP	Negative	0.00
13	7/21/2014 10:27	Wall	Panel	C	Intact	White	Exterior	Roof	Pentouse Roof	Bldg 1	NP	Negative	0.00
14	7/21/2014 10:36	Wall	Brick	C	Intact	White	Interior	Penthouse	Pentouse	Bldg 1	NP	Negative	0.02
15	7/21/2014 10:36	Wall	Brick	D	Intact	White	Interior	Penthouse	Pentouse	Bldg 1	NP	Negative	0.02
16	7/21/2014 10:38	Column	Concrete	B	Intact	White	Interior	Penthouse	Pentouse	Bldg 1	NP	Negative	0.02
17	7/21/2014 10:39	Column	Concrete	B	Intact	White	Interior	Penthouse	Pentouse	Bldg 1	NP	Negative	0.10
18	7/21/2014 10:40	Ceiling	Concrete	A	Intact	White	Interior	Penthouse	Pentouse	Bldg 1	NP	Negative	0.05
19	7/21/2014 10:41	Ceiling	Concrete	C	Intact	White	Interior	Penthouse	Pentouse	Bldg 1	NP	Negative	0.04
20	7/21/2014 10:43	Stairs	Wood	C	Intact	White	Interior	Penthouse	Pentouse	Bldg 1	NP	Negative	0.08
21	7/21/2014 10:43	Stairs	Wood	C	Intact	White	Interior	Penthouse	Pentouse	Bldg 1	NP	Negative	0.02
22	7/21/2014 10:44	Handrail	Metal	C	Intact	White	Interior	Penthouse	Pentouse	Bldg 1	NP	Negative	0.24
23	7/21/2014 10:45	Handrail	Metal	C	Intact	White	Interior	Penthouse	Pentouse	Bldg 1	NP	Negative	0.40
24	7/21/2014 10:45	Handrail	Wood	C	Intact	White	Interior	Penthouse	Pentouse	Bldg 1	NP	Negative	0.13
25	7/21/2014 10:45	Handrail	Wood	C	Intact	White	Interior	Penthouse	Pentouse	Bldg 1	NP	Negative	0.10
26	7/21/2014 10:46	Hatch Door	Metal	C	Intact	Gray	Interior	Penthouse	Pentouse	Bldg 1	NP	Positive	8.40
27	7/21/2014 10:47	Hatch Door Frame	Metal	C	Fair	Gray	Interior	Penthouse	Pentouse	Bldg 1	NP	Positive	6.70
28	7/21/2014 11:06	Window Sill	Concrete	C	Fair	Gray	Interior	Attic	Elevator Mech.	Bldg 1	NP	Negative	0.27

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 1
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
29	7/21/2014 11:06	Window Sill	Concrete	C	Fair	Gray	Interior	Attic	Elevator Mech.	Bldg 1	NP	Negative	0.18
30	7/21/2014 11:08	Floor	Concrete	C	Fair	Red	Interior	Attic	Elevator Mech.	Bldg 1	NP	Negative	0.26
31	7/21/2014 11:08	Floor	Concrete	A	Fair	Red	Interior	Attic	Elevator Mech.	Bldg 1	NP	Negative	0.40
32	7/21/2014 11:09	Electrical Panel	Metal	A	Intact	Gray	Interior	Attic	Elevator Mech.	Bldg 1	NP	Positive	5.60
33	7/21/2014 11:12	Motor	Metal	C	Intact	Gray	Interior	Attic	Elevator Mech.	Bldg 1	NP	Positive	1.80
34	7/21/2014 11:12	Motor	Metal	A	Intact	Gray	Interior	Attic	Elevator Mech.	Bldg 1	NP	Negative	0.60
35	7/21/2014 11:15	Motor Stand	Metal	A	Intact	Black	Interior	Attic	Elevator Mech.	Bldg 1	NP	Positive	1.00
36	7/21/2014 11:15	Motor Stand	Metal	C	Intact	Black	Interior	Attic	Elevator Mech.	Bldg 1	NP	Negative	0.60
37	7/21/2014 11:16	Door	Metal	D	Intact	Gray	Interior	Attic	Elevator Mech.	Bldg 1	NP	Negative	0.03
38	7/21/2014 11:17	Door Frame	Metal	D	Intact	Gray	Interior	Attic	Elevator Mech.	Bldg 1	NP	Positive	3.60
39	7/21/2014 11:19	Duct	Metal	D	Poor	Gray	Interior	Attic	Mechanical	Bldg 1	NP	Positive	32.40
40	7/21/2014 11:19	Duct	Metal	D	Poor	Gray	Interior	Attic	Mechanical	Bldg 1	NP	Positive	35.90
41	7/21/2014 11:24	Wall	Plaster	A	Poor	White	Interior	Attic	Mechanical	Bldg 1	NP	Negative	0.03
42	7/21/2014 11:24	Wall	Plaster	B	Poor	White	Interior	Attic	Mechanical	Bldg 1	NP	Null	1.10
43	7/21/2014 11:25	Wall	Plaster	D	Poor	White	Interior	Attic	Mechanical	Bldg 1	NP	Negative	0.02
44	7/21/2014 11:28	Floor	Concrete	A	Poor	Gray	Interior	Attic	Mechanical	Bldg 1	NP	Negative	0.60
45	7/21/2014 11:29	Floor	Concrete	B	Poor	Gray	Interior	Attic	Mechanical	Bldg 1	NP	Negative	0.40
46	7/21/2014 11:31	Stairs	Wood	C	Poor	Gray	Interior	Attic	Mechanical	Bldg 1	NP	Negative	0.05
47	7/21/2014 11:32	Stairs	Wood	C	Poor	Gray	Interior	Attic	Mechanical	Bldg 1	NP	Negative	0.20
48	7/21/2014 11:33	Handrail	Metal	C	Poor	Black	Interior	Attic	Mechanical	Bldg 1	NP	Negative	0.40
49	7/21/2014 11:33	Handrail	Metal	C	Poor	Black	Interior	Attic	Mechanical	Bldg 1	NP	Negative	0.20
50	7/21/2014 11:35	Equip. Stand	Concrete	D	Poor	Blue	Interior	Attic	Mechanical	Bldg 1	NP	Positive	2.30
51	7/21/2014 11:37	Equip. Stand	Metal	D	Poor	Blue	Interior	Attic	Mechanical	Bldg 1	NP	Negative	0.01
52	7/21/2014 11:38	Equip. Stand	Concrete	D	Poor	Gray	Interior	Attic	Mechanical	Bldg 1	NP	Negative	0.80
53	7/21/2014 11:40	Tank	Metal	D	Poor	Blue	Interior	Attic	Mechanical	Bldg 1	NP	Negative	0.01
54	7/21/2014 11:42	Door	Metal	B	Poor	Gray	Interior	Attic	Mechanical	Bldg 1	NP	Positive	2.30
55	7/21/2014 11:43	Door Frame	Metal	B	Poor	Gray	Interior	Attic	Mechanical	Bldg 1	NP	Positive	3.40
56	7/21/2014 11:43	Door Frame	Metal	D	Poor	Gray	Interior	Attic	Mechanical	Bldg 1	NP	Positive	2.10

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 1
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
57	7/21/2014 11:44	Door	Metal	D	Poor	Gray	Interior	Attic	Mechanical	Bldg 1	NP	Positive	3.80
58	7/21/2014 11:47	Access Door	Metal	C	Intact	Gray	Interior	Attic	Mechanical	Bldg 1	NP	Negative	0.00
59	7/21/2014 11:47	Access Door Frame	Metal	C	Intact	Gray	Interior	Attic	Mechanical	Bldg 1	NP	Negative	0.00
60	7/21/2014 11:51	Stairs	Metal	C	Intact	Black	Interior	Attic	East Roof	Bldg 1	NP	Null	0.07
61	7/21/2014 11:51	Stairs	Metal	C	Poor	Black	Interior	Attic	East Roof	Bldg 1	NP	Negative	-0.36
62	7/21/2014 11:52	Stairs	Metal	C	Poor	Black	Interior	Attic	East Roof	Bldg 1	NP	Negative	0.05
63	7/21/2014 11:52	Handrail	Metal	C	Poor	Black	Interior	Attic	East Roof	Bldg 1	NP	Negative	0.01
64	7/21/2014 11:53	Dormer Frame	Wood	C	Poor	White	Interior	Attic	East Roof	Bldg 1	NP	Positive	1.90
65	7/21/2014 11:54	Dormer Frame	Wood	C	Poor	White	Interior	Attic	East Roof	Bldg 1	NP	Positive	1.70
66	7/21/2014 12:00	Sprinkler Pipe	Metal	C	Poor	Red	Interior	Attic	East Attic	Bldg 1	NP	Negative	0.00
67	7/21/2014 12:02	Sprinkler Pipe	Metal	A	Poor	Red	Interior	Attic	West Attic	Bldg 1	NP	Negative	0.00
68	7/21/2014 12:04	Stairs	Metal	A	Poor	Black	Interior	Attic	West Roof	Bldg 1	NP	Negative	0.10
69	7/21/2014 12:04	Handrail	Metal	C	Poor	Black	Interior	Attic	West Roof	Bldg 1	NP	Negative	0.02
70	7/21/2014 12:05	Dormer Frame	Wood	C	Poor	White	Interior	Attic	West Roof	Bldg 1	NP	Negative	0.24
71	7/21/2014 12:07	Stairs	Metal	C	Poor	Gray	Interior	Attic	Mechanical	Bldg 1	NP	Positive	3.80
72	7/21/2014 12:07	Stairs	Metal	C	Poor	Gray	Interior	Attic	Mechanical	Bldg 1	NP	Positive	3.10
73	7/21/2014 13:25	Door Frame	Wood	C	Poor	Gray	Interior	Fourth	400	Bldg 1	NP	Positive	2.80
74	7/21/2014 13:30	Door Frame	Metal	A	Intact	Gray	Interior	Fourth	427	Bldg 1	NP	Negative	0.00
75	7/21/2014 13:30	Door Frame	Metal	C	Intact	Gray	Interior	Fourth	427	Bldg 1	NP	Negative	0.02
76	7/21/2014 13:31	Door Frame	Metal	A	Intact	Gray	Interior	Fourth	427	Bldg 1	NP	Negative	0.00
77	7/21/2014 13:34	Wall	Gypsum Board	A	Intact	Cream	Interior	Fourth	427	Bldg 1	NP	Negative	0.00
78	7/21/2014 13:35	Wall	Gypsum Board	B	Intact	Cream	Interior	Fourth	421	Bldg 1	NP	Negative	0.00
79	7/21/2014 13:37	Wall	Plaster	A	Intact	Cream	Interior	Fourth	412	Bldg 1	NP	Negative	0.00
80	7/21/2014 13:43	Ceiling	Plaster	A	Poor	Cream	Interior	Fourth	427	Bldg 1	NP	Negative	0.18
81	7/21/2014 13:45	Ceiling	Plaster	A	Poor	Cream	Interior	Fourth	427	Bldg 1	NP	Null	0.12
82	7/21/2014 13:47	Ceiling	Plaster	A	Poor	Cream	Interior	Fourth	427	Bldg 1	NP	Null	0.01
83	7/21/2014 13:47	Ceiling	Plaster	A	Poor	Cream	Interior	Fourth	427	Bldg 1	NP	Negative	0.05
84	7/21/2014 13:48	Ceiling	Plaster	A	Intact	Cream	Interior	Fourth	428	Bldg 1	NP	Positive	1.60

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 1
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
85	7/21/2014 13:51	Wall	Plaster	B	Intact	Cream	Interior	Fourth	428	Bldg 1	NP	Null	0.05
86	7/21/2014 13:52	Wall	Plaster	C	Intact	Cream	Interior	Fourth	428	Bldg 1	NP	Positive	1.70
87	7/21/2014 13:55	Wall	Plaster	B	Intact	Cream	Interior	Fourth	400	Bldg 1	NP	Negative	0.02
88	7/21/2014 13:57	Door	Wood	A	Intact	Gray	Interior	Fourth	420	Bldg 1	NP	Negative	0.00
89	7/21/2014 13:58	Door	Wood	C	Intact	Gray	Interior	Fourth	424	Bldg 1	NP	Negative	0.40
90	7/21/2014 14:02	Wall	Plaster	C	Intact	White	Interior	Fourth	424	Bldg 1	NP	Negative	0.24
91	7/21/2014 14:15	Door Frame	Metal	D	Intact	Gray	Interior	Third	324	Bldg 1	NP	Negative	0.00
92	7/21/2014 14:15	Wall	Gypsum Board	D	Intact	Cream	Interior	Third	324	Bldg 1	NP	Negative	0.00
93	7/21/2014 14:21	Wall	Plaster	D	Intact	Cream	Interior	Third	312	Bldg 1	NP	Null	0.90
94	7/21/2014 14:26	Wall	Plaster	D	Intact	Cream	Interior	Third	312	Bldg 1	NP	Negative	0.80
95	7/21/2014 14:28	Door Frame	Metal	D	Intact	Gray	Interior	Third	318	Bldg 1	NP	Negative	0.00
96	7/21/2014 14:30	Wall	Plaster	A	Intact	Red	Interior	Third	333	Bldg 1	NP	Negative	0.00
97	7/21/2014 14:31	Wall	Gypsum Board	A	Intact	Red	Interior	Third	333	Bldg 1	NP	Negative	0.00
98	7/21/2014 14:32	Door Frame	Metal	C	Intact	Gray	Interior	Third	370	Bldg 1	NP	Negative	0.00
99	7/21/2014 14:35	Wall	Plaster	B	Intact	White	Interior	Third	301	Bldg 1	NP	Negative	0.00
100	7/21/2014 14:41	Wall	Gypsum Board	B	Intact	Cream	Interior	Third	Corridor	Bldg 1	NP	Negative	0.00
101	7/21/2014 14:43	Wall	Gypsum Board	C	Intact	White	Interior	Third	300	Bldg 1	NP	Negative	0.00
102	7/21/2014 14:44	Wall	Gypsum Board	B	Intact	Cream	Interior	Third	Corridor	Bldg 1	NP	Null	0.00
103	7/21/2014 14:45	Wall	Gypsum Board	B	Intact	Cream	Interior	Third	Corridor	Bldg 1	NP	Negative	0.00
104	7/21/2014 14:46	Fire Ext. Door	Metal	C	Intact	Red	Interior	Third	Corridor	Bldg 1	NP	Negative	0.02
105	7/21/2014 14:52	Ceiling	Plaster	A	Poor	Tan	Interior	Third	Corridor	Bldg 1	NP	Null	0.80
106	7/21/2014 14:56	Ceiling	Plaster	A	Poor	Tan	Interior	Third	Corridor	Bldg 1	NP	Null	1.10
107	7/21/2014 14:57	Ceiling	Plaster	A	Poor	Tan	Interior	Third	Corridor	Bldg 1	NP	Null	0.16
108	7/21/2014 14:58	Ceiling	Plaster	A	Poor	Tan	Interior	Third	Corridor	Bldg 1	NP	Null	1.20
109	7/21/2014 14:58	Ceiling	Plaster	A	Poor	Tan	Interior	Third	Corridor	Bldg 1	NP	Null	1.00
110	7/21/2014 14:59	Ceiling	Plaster	A	Poor	Tan	Interior	Third	Corridor	Bldg 1	NP	Negative	0.10
111	7/21/2014 15:00	Ceiling	Plaster	A	Poor	Tan	Interior	Third	Corridor	Bldg 1	NP	Negative	0.09
112	7/21/2014 15:01	Ceiling	Plaster	A	Poor	Tan	Interior	Third	Corridor	Bldg 1	NP	Null	1.00

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 1
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
113	7/21/2014 15:02	Ceiling	Plaster	A	Poor	Tan	Interior	Third	Corridor	Bldg 1	NP	Null	1.00
114	7/21/2014 15:02	Ceiling	Plaster	A	Poor	Tan	Interior	Third	Corridor	Bldg 1	NP	Null	0.80
115	7/21/2014 15:03	Ceiling	Plaster	A	Poor	Tan	Interior	Third	Corridor	Bldg 1	NP	Null	0.90
116	7/21/2014 15:31	Wall	Plaster	B	Intact	White	Interior	Second	Stairwell	Bldg 1	NP	Negative	0.30
117	7/21/2014 15:32	Wall	Plaster	A	Intact	White	Interior	Second	Stairwell	Bldg 1	NP	Negative	0.03
118	7/21/2014 15:36	Sprinkler Pipe	Metal	A	Intact	Red	Interior	Second	Stairwell	Bldg 1	NP	Negative	0.09
119	7/21/2014 15:43	Newel Post	Metal	A	Intact	White	Interior	Second	Stairwell	Bldg 1	NP	Negative	0.00
120	7/21/2014 15:43	Newel Post	Metal	A	Intact	White	Interior	Second	Stairwell	Bldg 1	NP	Negative	0.00
121	7/21/2014 15:44	Stringer	Metal	A	Intact	White	Interior	Second	Stairwell	Bldg 1	NP	Negative	0.01
122	7/21/2014 15:44	Stringer	Metal	A	Intact	White	Interior	Second	Stairwell	Bldg 1	NP	Negative	0.04
123	7/21/2014 15:46	Door	Wood	B	Intact	White	Interior	Second	Stairwell	Bldg 1	NP	Null	0.00
124	7/21/2014 15:46	Door	Wood	B	Intact	White	Interior	Second	Stairwell	Bldg 1	NP	Negative	0.00
125	7/21/2014 15:46	Door Frame	Metal	B	Intact	White	Interior	Second	Stairwell	Bldg 1	NP	Negative	0.16
126	7/21/2014 15:56	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90
127	7/21/2014 15:57	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90
128	7/21/2014 15:59	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
129	7/22/2014 7:45												1.47*
130	7/22/2014 8:03	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
131	7/22/2014 8:05	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
132	7/22/2014 8:05	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90
133	7/22/2014 8:22	Wall	Plaster	C	Intact	White	Interior	Second	240	Bldg 1	NP	Negative	0.50
134	7/22/2014 8:28	Wall	Plaster	D	Intact	White	Interior	Second	253	Bldg 1	NP	Positive	1.10
135	7/22/2014 8:33	Ceiling	Plaster	D	Intact	White	Interior	Second	253	Bldg 1	NP	Null	0.60
136	7/22/2014 8:34	Ceiling	Plaster	D	Intact	White	Interior	Second	253	Bldg 1	NP	Positive	1.30
137	7/22/2014 8:34	Floor	Concrete	D	Intact	Gray	Interior	Second	253	Bldg 1	NP	Negative	0.01
138	7/22/2014 8:37	Fire Ext. Cabinet	Metal	C	Intact	Red	Interior	Second	Corridor 280	Bldg 1	NP	Negative	0.00
139	7/22/2014 8:40	Door Frame	Metal	B	Intact	Gray	Interior	Second	246	Bldg 1	NP	Negative	0.00
140	7/22/2014 8:41	Wall	Gypsum Board	A	Intact	Gray	Interior	Second	246	Bldg 1	NP	Negative	0.00

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 1
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
141	7/22/2014 8:43	Wall	Plaster	D	Intact	Gray	Interior	Second	246	Bldg 1	NP	Positive	1.40
142	7/22/2014 8:48	Ceiling	Plaster	C	Poor	White	Interior	Second	246	Bldg 1	NP	Negative	0.00
143	7/22/2014 8:53	Ceiling	Plaster	B	Intact	Blue	Interior	Second	216	Bldg 1	NP	Negative	0.24
144	7/22/2014 8:54	Floor	Concrete	B	Intact	Gray	Interior	Second	216	Bldg 1	NP	Negative	0.28
145	7/22/2014 8:57	Door Frame	Metal	C	Intact	Gray	Interior	Second	230	Bldg 1	NP	Positive	3.40
146	7/22/2014 8:58	Door	Metal	C	Intact	Brown	Interior	Second	230	Bldg 1	NP	Negative	0.01
147	7/22/2014 9:00	Wall	Gypsum Board	A	Intact	Tan	Interior	Second	210	Bldg 1	NP	Negative	0.00
148	7/22/2014 9:02	Fire Ext. Cabinet	Metal	C	Intact	Red	Interior	Second	210	Bldg 1	NP	Negative	0.01
149	7/22/2014 9:04	Wall	Plaster	A	Intact	White	Interior	Second	201	Bldg 1	NP	Negative	0.00
150	7/22/2014 9:05	Door Frame	Metal	C	Intact	White	Interior	Second	201	Bldg 1	NP	Negative	0.02
151	7/22/2014 9:11	Ceiling	Plaster	D	Intact	White	Interior	Second	Corridor 270	Bldg 1	NP	Negative	0.50
152	7/22/2014 9:15	Wall	Wood	C	Intact	Beige	Interior	Second	235	Bldg 1	NP	Negative	0.02
153	7/22/2014 9:15	Wall	Wood	D	Intact	Beige	Interior	Second	235a	Bldg 1	NP	Negative	0.02
154	7/22/2014 9:16	Wall	Wood	D	Intact	Beige	Interior	Second	236	Bldg 1	NP	Negative	0.05
155	7/22/2014 9:18	Door	Metal	D	Intact	Brown	Interior	Second	237	Bldg 1	NP	Negative	0.00
156	7/22/2014 9:18	Door Frame	Metal	D	Intact	Gray	Interior	Second	237	Bldg 1	NP	Positive	4.10
157	7/22/2014 9:22	Sprinkler Pipe	Metal	A	Intact	Red	Interior	Second	230	Bldg 1	NP	Negative	0.02
158	7/22/2014 9:22	Newel Post	Metal	A	Intact	White	Interior	Second	230	Bldg 1	NP	Negative	0.40
159	7/22/2014 9:23	Stringer	Metal	A	Intact	White	Interior	Second	230	Bldg 1	NP	Negative	0.40
160	7/22/2014 9:23	Stringer	Metal	A	Intact	White	Interior	Second	230	Bldg 1	NP	Null	0.27
161	7/22/2014 9:24	Stringer	Metal	B	Intact	White	Interior	Second	230	Bldg 1	NP	Negative	0.07
162	7/22/2014 9:33	Wall	Plaster	A	Intact	Tan	Interior	First	Lobby 101	Bldg 1	NP	Negative	0.00
163	7/22/2014 9:34	Column	Plaster	C	Intact	White	Interior	First	Lobby 101	Bldg 1	NP	Positive	3.80
164	7/22/2014 9:34	Baseboard	Plaster	C	Intact	White	Interior	First	Lobby 101	Bldg 1	NP	Positive	4.80
165	7/22/2014 9:35	Crown Molding	Plaster	C	Intact	White	Interior	First	Lobby 101	Bldg 1	NP	Positive	4.50
166	7/22/2014 9:36	Trim	Plaster	D	Intact	White	Interior	First	Lobby 101	Bldg 1	NP	Null	0.50
167	7/22/2014 9:36	Trim	Plaster	D	Intact	White	Interior	First	Lobby 101	Bldg 1	NP	Positive	6.30
168	7/22/2014 9:37	Ceiling	Plaster	C	Intact	White	Interior	First	Lobby 101	Bldg 1	NP	Positive	7.00

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 1
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
169	7/22/2014 9:42	Door	Metal	C	Intact	Gray	Interior	First	137	Bldg 1	NP	Negative	0.04
170	7/22/2014 9:43	Door Frame	Metal	C	Intact	Gray	Interior	First	137	Bldg 1	NP	Positive	2.90
171	7/22/2014 9:48	Door Frame	Metal	D	Intact	Gray	Interior	First	140	Bldg 1	NP	Negative	0.03
172	7/22/2014 9:53	Wall	Plaster	A	Intact	White	Interior	First	152	Bldg 1	NP	Negative	0.00
173	7/22/2014 9:54	Door Frame	Metal	C	Intact	Gray	Interior	First	152	Bldg 1	NP	Negative	0.04
174	7/22/2014 10:05	Wall	Plaster	A	Intact	White	Interior	First	107	Bldg 1	NP	Negative	0.07
175	7/22/2014 10:06	Door Frame	Metal	B	Intact	White	Interior	First	107	Bldg 1	NP	Positive	2.00
176	7/22/2014 10:09	Fire Ext. Cabinet	Metal	A	Intact	Red	Interior	First	Corridor 162	Bldg 1	NP	Negative	0.02
177	7/22/2014 10:12	Ceiling	Plaster	A	Intact	White	Interior	First	107	Bldg 1	NP	Negative	0.14
178	7/22/2014 10:21	Newel Post	Metal	A	Intact	White	Interior	First	Stairwell 123	Bldg 1	NP	Negative	0.06
179	7/22/2014 10:22	Ballister	Metal	A	Intact	White	Interior	First	Stairwell 123	Bldg 1	NP	Negative	0.17
180	7/22/2014 10:23	Stringer	Metal	A	Intact	White	Interior	First	Stairwell 123	Bldg 1	NP	Negative	0.18
181	7/22/2014 10:23	Wall	Plaster	A	Intact	White	Interior	First	Stairwell 123	Bldg 1	NP	Negative	0.00
182	7/22/2014 10:24	Sprinkler Pipe	Metal	D	Intact	Red	Interior	First	Stairwell 123	Bldg 1	NP	Negative	0.01
183	7/22/2014 10:28	Door Frame	Metal	C	Intact	Brown	Interior	Ground	Corridor 52	Bldg 1	NP	Positive	2.40
184	7/22/2014 10:28	Door	Metal	C	Intact	Brown	Interior	Ground	Corridor 52	Bldg 1	NP	Negative	0.00
185	7/22/2014 10:30	Door Frame	Metal	B	Intact	Brown	Interior	Ground	41s	Bldg 1	NP	Negative	0.01
186	7/22/2014 10:32	Wall	Plaster	A	Intact	Green	Interior	Ground	41s	Bldg 1	NP	Negative	0.00
187	7/22/2014 10:45	Handrail	Metal	A	Intact	Black	Interior	Ground	Mechanical	Bldg 1	NP	Negative	0.70
188	7/22/2014 10:46	Stringer	Metal	D	Intact	Black	Interior	Ground	Mechanical	Bldg 1	NP	Positive	4.70
189	7/22/2014 10:47	Wall	Brick	A	Intact	White	Interior	Ground	Mechanical	Bldg 1	NP	Negative	0.12
190	7/22/2014 10:48	Door	Metal	C	Intact	White	Interior	Ground	Mechanical	Bldg 1	NP	Negative	0.00
191	7/22/2014 10:49	Door Frame	Metal	C	Intact	White	Interior	Ground	Mechanical	Bldg 1	NP	Negative	0.19
192	7/22/2014 10:50	Window Lintel	Metal	C	Intact	White	Exterior			Bldg 1	NP	Positive	32.70
193	7/22/2014 10:51	Awning	Metal	C	Poor	White	Exterior			Bldg 1	NP	Null	0.30
194	7/22/2014 10:52	Awning	Metal	C	Poor	White	Exterior			Bldg 1	NP	Negative	0.21
195	7/22/2014 10:54	Window Lintel	Metal	B	Poor	White	Exterior			Bldg 1	NP	Negative	0.01
196	7/22/2014 10:55	Window Lintel	Metal	D	Poor	White	Exterior			Bldg 1	NP	Null	0.60

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 1
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
197	7/22/2014 10:55	Window Lintel	Metal	D	Poor	White	Exterior			Bldg 1	NP	Positive	7.10
198	7/22/2014 12:07	Handrail	Metal	A	Intact	Black	Exterior			Bldg 1	NP	Negative	0.00
199	7/22/2014 12:08	Handrail	Metal	A	Intact	Black	Exterior			Bldg 1	NP	Negative	0.00
200	7/22/2014 12:08	Handrail	Metal	A	Intact	Black	Exterior			Bldg 1	NP	Negative	0.00
201	7/22/2014 12:09	Lamps	Metal	A	Intact	Black	Exterior			Bldg 1	NP	Negative	0.02
202	7/22/2014 12:09	Lamps	Metal	A	Poor	Black	Exterior			Bldg 1	NP	Negative	0.18
203	7/22/2014 12:10	Lamps	Metal	A	Poor	Black	Exterior			Bldg 1	NP	Negative	0.28

* = Reading numbers 1 and 129 are internal diagnostic reading that do not represent lead content on any items.

Null = Incomplete test due to instrument movement or early trigger release.

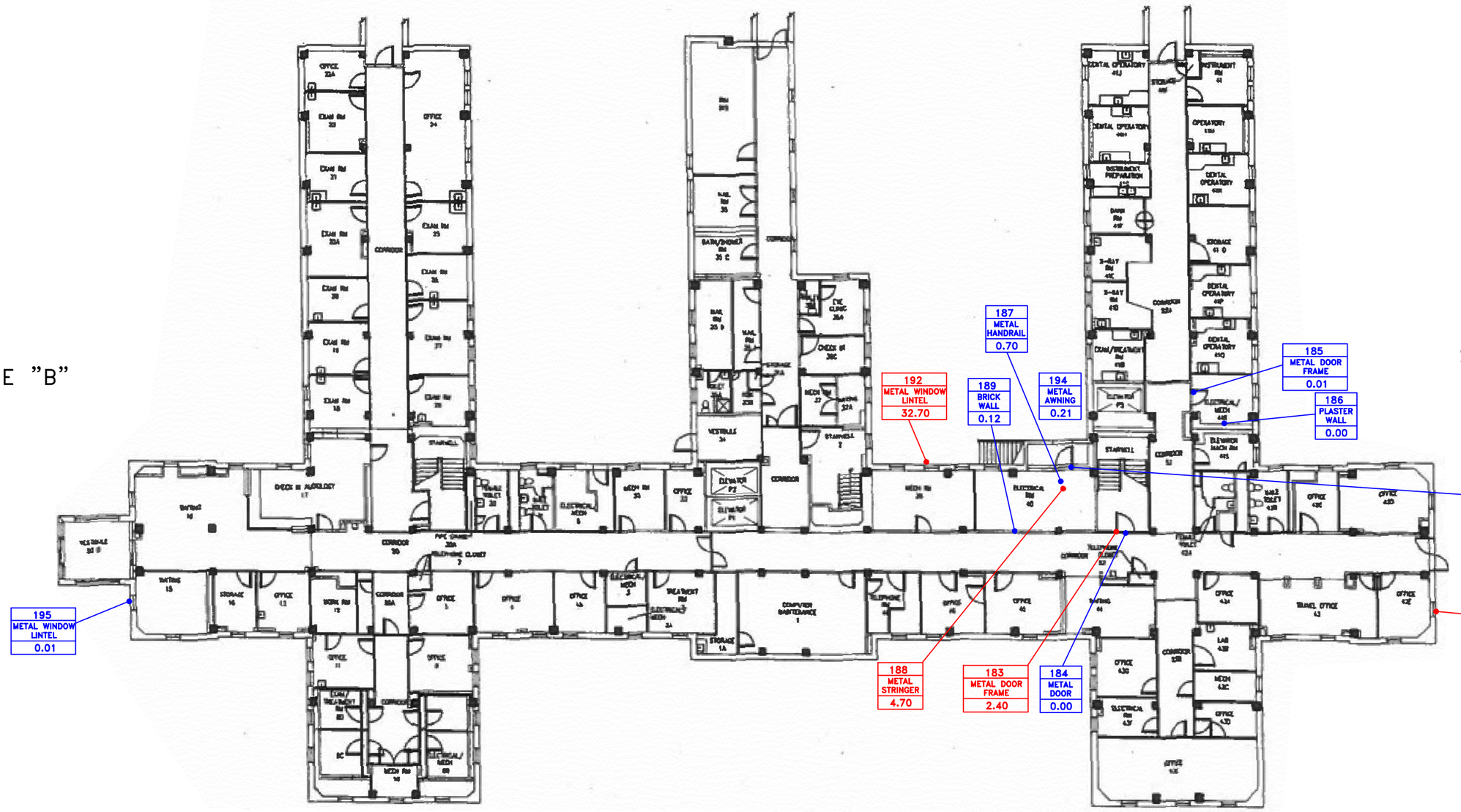
ACTION LEVEL = 1.00 mg/cm^2

APPENDIX A-2
XRF Testing Location Plans

SIDE "C"

SIDE "B"

SIDE "D"



SIDE "A"

BUILDING 1 – GROUND FLOOR

NOT TO SCALE

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 1: BUILDING 1 – GROUND FLOOR

Safety Environmental Laboratories and Consulting, Inc.
989 Yeager Parkway
Pelham, AL 35124
SELC
(205) 823-6200 fax (205) 823-9066

PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

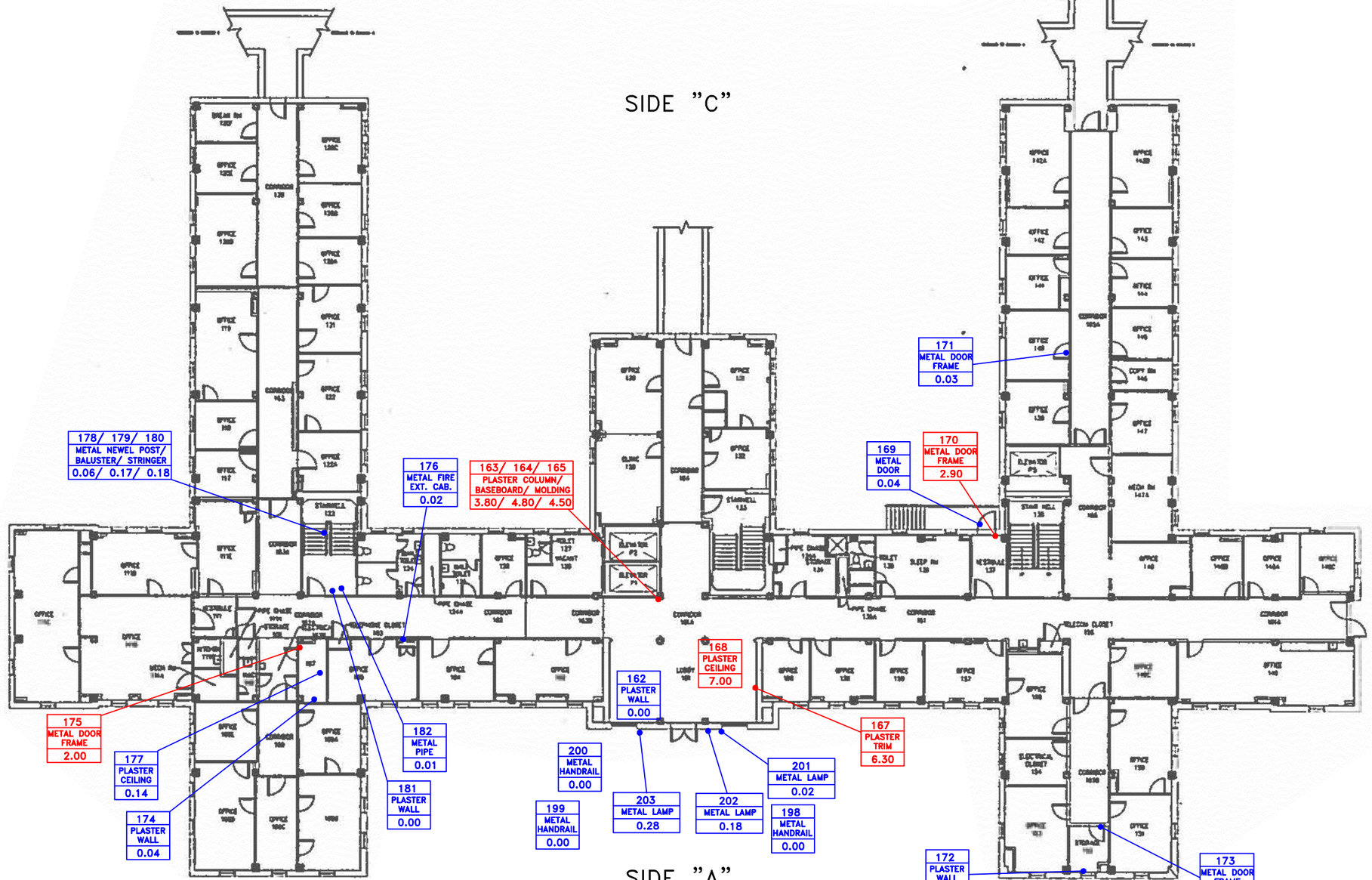
SELC PROJECT NO.: 2014-1107

BUILDING 1
GROUND FLOOR
SHEET 1 OF 6

SIDE "B"

SIDE "C"

SIDE "D"



SIDE "A"

BUILDING 1 – FIRST FLOOR

NOT TO SCALE

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 2: BUILDING 1 – FIRST FLOOR

Safety Environmental Laboratories and Consulting, Inc.

SELC

989 Yeager Parkway
Pelham, AL 35124

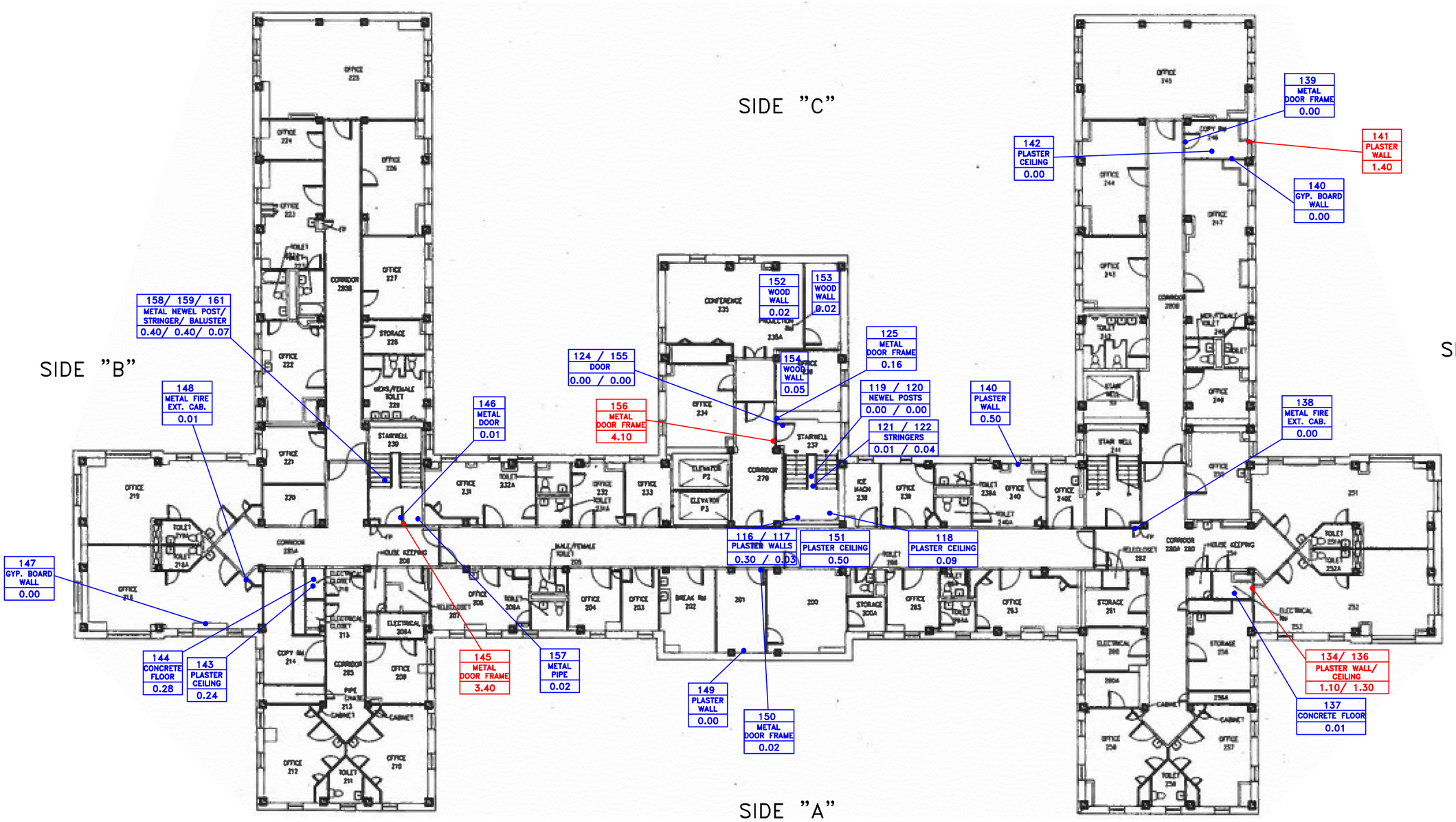
(205) 823-6200 fax (205) 823-9066

PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

BUILDING 1
FIRST FLOOR
SHEET 2 OF 6



NOT TO SCALE

BUILDING 1 – SECOND FLOOR

XRF #	XRF TEST NUMBER
BUILDING COMPONENT	BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²)	RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 3: BUILDING 1 – SECOND FLOOR

Safety Environmental Laboratories and Consulting, Inc.

SELC

989 Yeager Parkway
Pelham, AL 35124

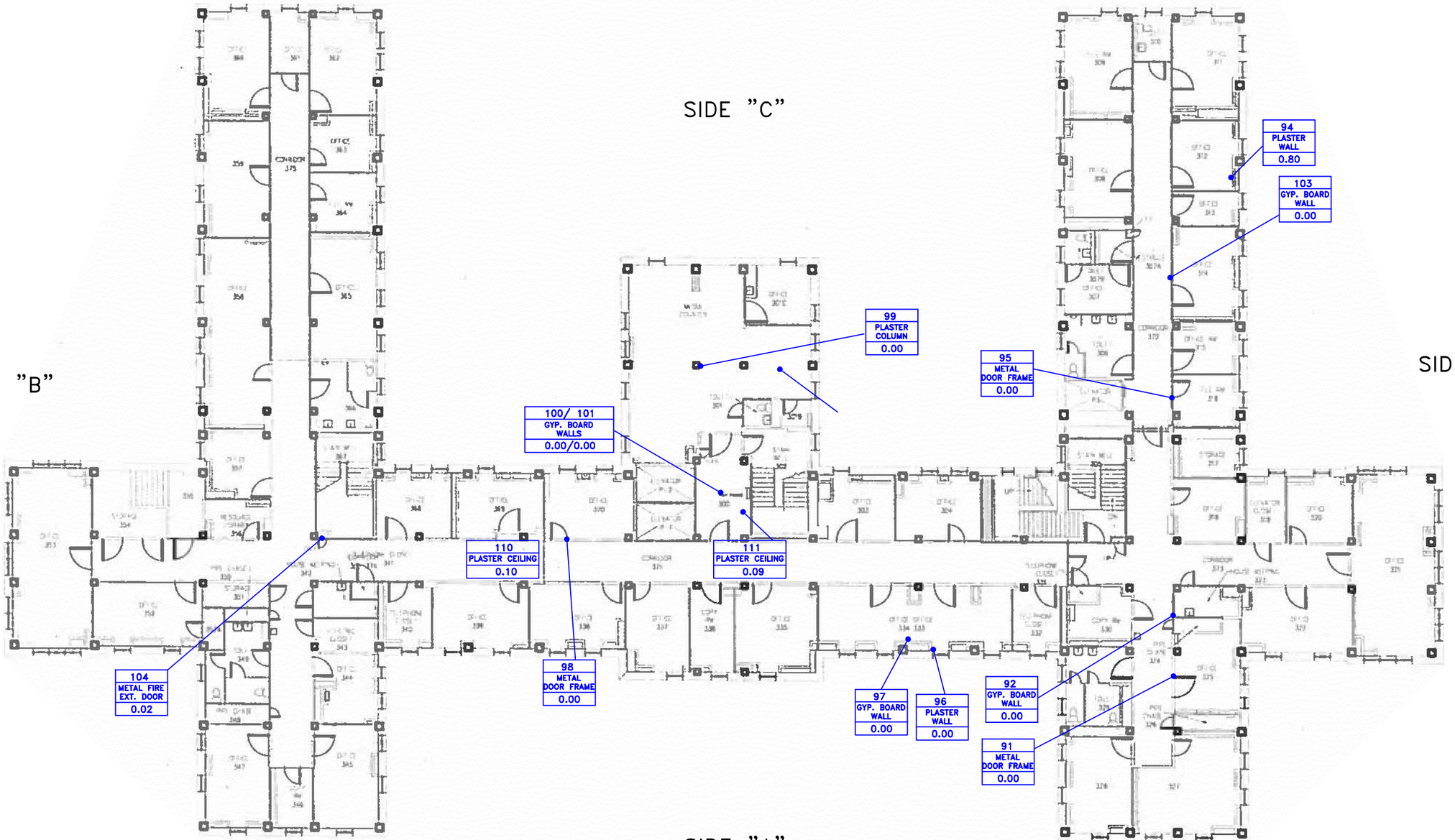
(205) 823-6200 fax (205) 823-9066

PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

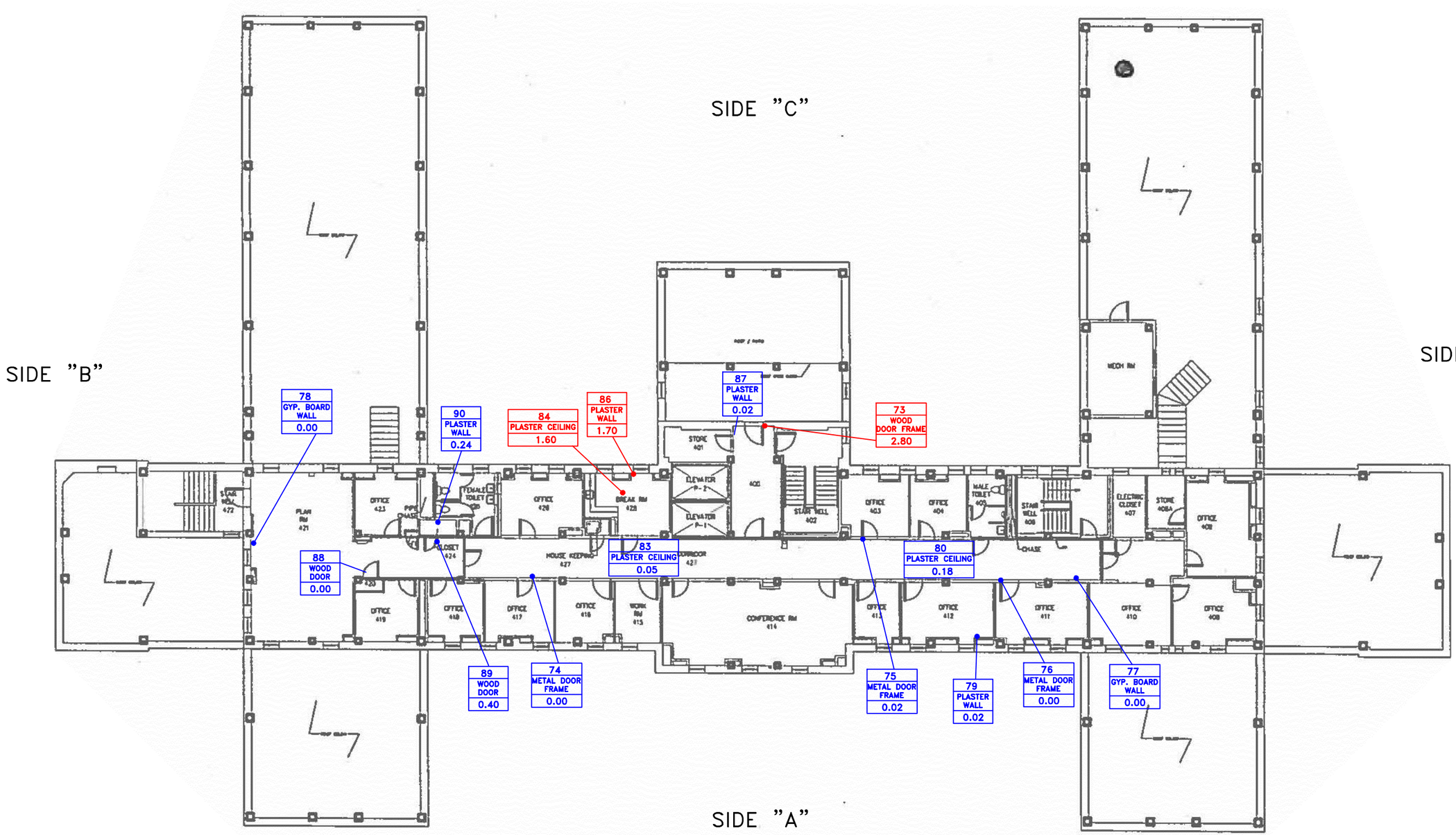
BUILDING 1
SECOND FLOOR
SHEET 3 OF 6



NOT TO SCALE

BUILDING 1 – THIRD FLOOR

XRF # — XRF TEST NUMBER BUILDING COMPONENT — BUILDING COMPONENT TESTED LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²) SHEET 4: BUILDING 1 – THIRD FLOOR	Safety Environmental Laboratories and Consulting, Inc. SELC 989 Yeager Parkway Pelham, AL 35124 (205) 823-6200 fax (205) 823-9066	PROJECT LEAD BASED PAINT INSPECTION VAMC TUSCALOOSA 3701 LOOP ROAD TUSCALOOSA, ALABAMA 35404 SELC PROJECT NO.: 2014-1107	BUILDING 1 THIRD FLOOR SHEET 4 OF 6



NOT TO SCALE

BUILDING 1 – FOURTH FLOOR

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 5: BUILDING 1 – FOURTH FLOOR

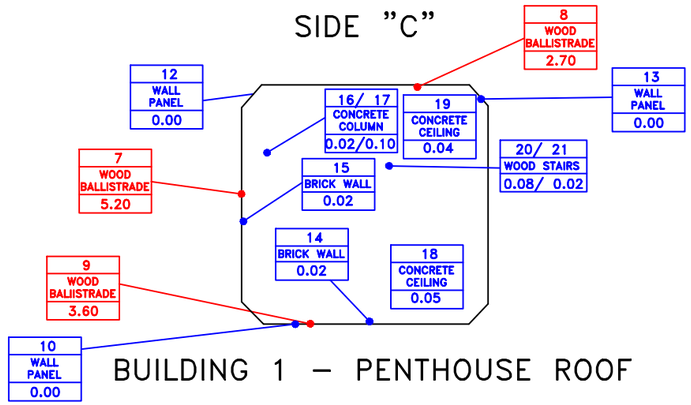
Safety Environmental Laboratories and Consulting, Inc.
SELC
989 Yeager Parkway
Pelham, AL 35124
(205) 823-6200 fax (205) 823-9066

PROJECT

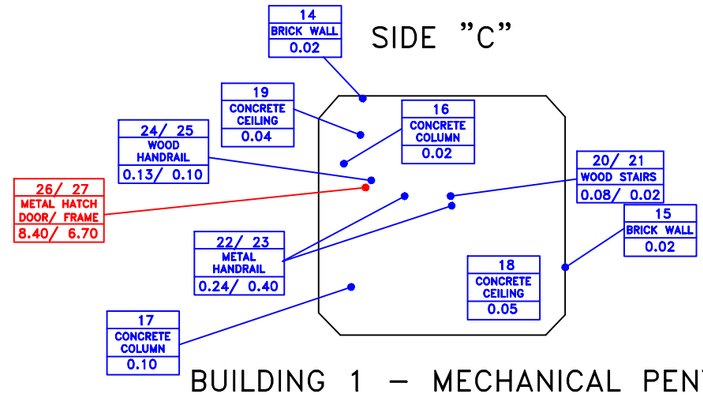
LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

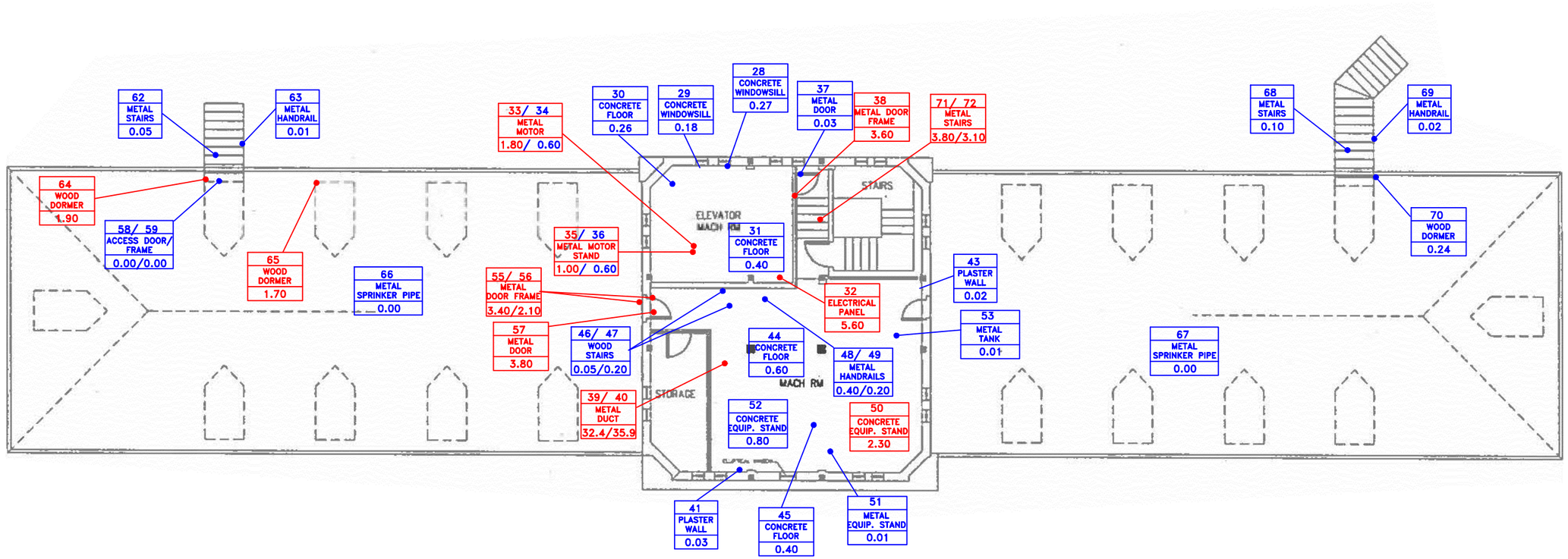
BUILDING 1
FOURTH FLOOR
SHEET 5 OF 6



BUILDING 1 – PENTHOUSE ROOF



BUILDING 1 – MECHANICAL PENTHOUSE



SIDE "A"

BUILDING 1 – FIFTH FLOOR/ATTIC

NOT TO SCALE

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 6: BUILDING 1 – FIFTH FLOOR/ATTIC

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LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

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BUILDING 1
FIFTH FLOOR/ ATTIC

SHEET 6 OF 6

APPENDIX A-3
Photographic Documentation

Building 1
Photographic Documentation



Photograph 1
LBP on wood baluster on penthouse roof – typical.



Photograph 2
LBP on access hatch door and frame to penthouse.



Photograph 3
LBP on metal duct in attic mechanical room.



Photograph 4
LBP on concrete equipment stand in attic mechanical room.

Building 1
Photographic Documentation



Photograph 5
Damaged LPB on metal door and frame in attic mechanical room.



Photograph 6
LBP on exterior wooden dormer frame.

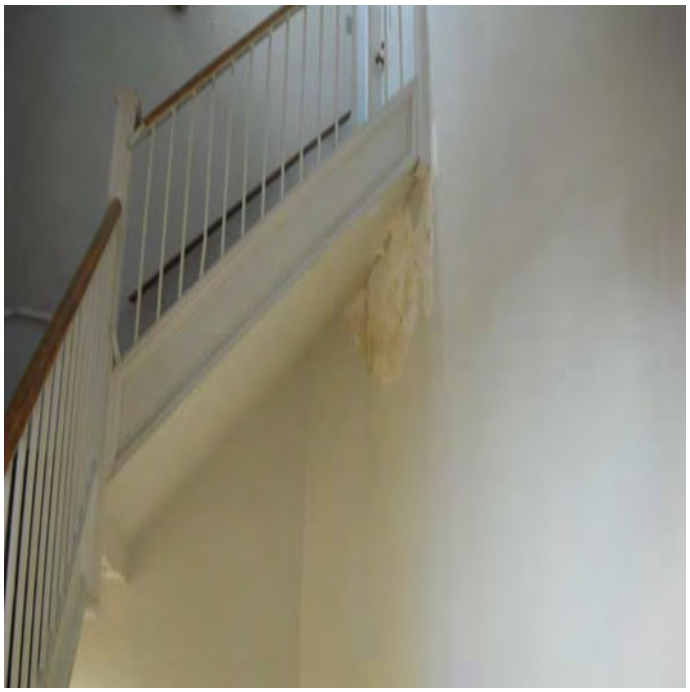


Photograph 7
LBP on stairs to attic mechanical room.

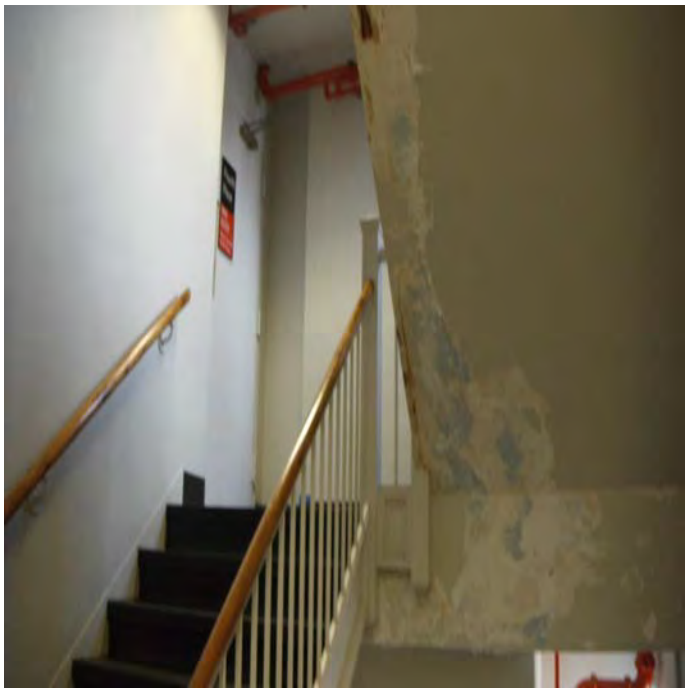


Photograph 8
Deteriorating LBP on window lintels – typical.

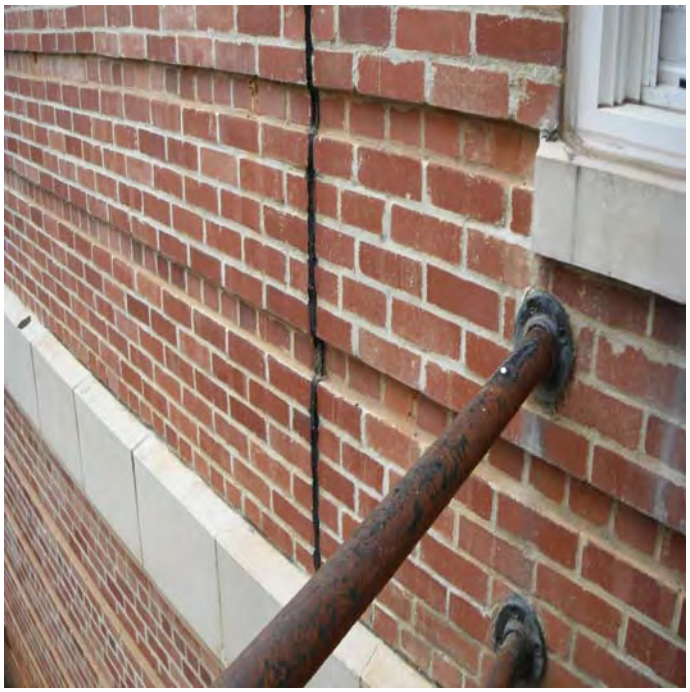
Building 1
Photographic Documentation



Photograph 9
Area of damaged paint on plaster wall in central staircase on 4th floor. Damaged not typical throughout.



Photograph 10
Area of damaged paint on plaster wall in central staircase on 4th floor. Damaged not typical throughout.



Photograph 11
Deteriorated LPB on exterior metal handrail.



Photograph 12
Example of damage (peeling) paint on plaster ceilings present above ceiling tiles.

APPENDIX B

BUILDING 2
MENTAL HEALTH BUILDING / OFFICES



INCLUDED IN APPENDIX B:

B-1 – XRF Testing Data Sheets

B-2 – XRF Testing Location Plans

B-3 – Photographic Documentation

APPENDIX B-1
XRF Testing Data Sheets

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 2
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Building	Room	Inspector	Results	Lead (mg/cm^2)
1	7/31/2014 10:19												1.51*
2	7/31/2014 10:54	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90
3	7/31/2014 10:55	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90
4	7/31/2014 10:57	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
5	7/31/2014 11:08	Chair Rail	Wood	C	Intact	White	Interior	Ground	Bldg 2	16	NP	Negative	0.00
6	7/31/2014 11:09	Door	Metal	A	Intact	Brown	Interior	Ground	Bldg 2	16	NP	Negative	0.00
7	7/31/2014 11:10	Door Frame	Metal	A	Intact	Brown	Interior	Ground	Bldg 2	16	NP	Negative	0.00
8	7/31/2014 11:12	Wall	Gypsum Board	B	Intact	White	Interior	Ground	Bldg 2	1c	NP	Negative	0.00
9	7/31/2014 11:13	Door	Metal	D	Intact	Brown	Interior	Ground	Bldg 2	1c	NP	Negative	0.01
10	7/31/2014 11:13	Door Frame	Metal	D	Intact	Brown	Interior	Ground	Bldg 2	1c	NP	Negative	0.00
11	7/31/2014 11:15	Door Frame	Metal	D	Intact	Brown	Interior	Ground	Bldg 2	7b	NP	Null	0.00
12	7/31/2014 11:15	Door Frame	Metal	A	Intact	Brown	Interior	Ground	Bldg 2	7b	NP	Negative	0.01
13	7/31/2014 11:17	Wall	Gypsum Board	C	Intact	White	Interior	Ground	Bldg 2	24	NP	Negative	0.01
14	7/31/2014 11:18	Radiator	Metal	D	Intact	White	Interior	Ground	Bldg 2	24	NP	Positive	1.80
15	7/31/2014 11:22	Wall	Gypsum Board	A	Intact	White	Interior	Ground	Bldg 2	cg4	NP	Negative	0.01
16	7/31/2014 11:24	Fire Ext. Cab. Door	Metal	D	Intact	Red	Interior	Ground	Bldg 2	cg5	NP	Negative	0.01
17	7/31/2014 11:26	Wall	Plaster	A	Intact	White	Interior	Ground	Bldg 2	Stairwell sc-1	NP	Negative	0.13
18	7/31/2014 11:26	Stringer	Metal	B	Intact	White	Interior	Ground	Bldg 2	Stairwell sc-1	NP	Positive	2.90
19	7/31/2014 11:30	Stringer	Metal	C	Intact	White	Interior	First	Bldg 2	Stairwell 123	NP	Positive	4.60
20	7/31/2014 11:31	Door	Metal	C	Intact	White	Interior	First	Bldg 2	Stairwell 123	NP	Negative	0.01
21	7/31/2014 11:32	Door Frame	Metal	C	Intact	White	Interior	First	Bldg 2	Stairwell 123	NP	Negative	0.00
22	7/31/2014 11:32	Wall	Plaster	C	Intact	White	Interior	First	Bldg 2	Stairwell 123	NP	Negative	0.14

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 2
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Building	Room	Inspector	Results	Lead (mg/cm^2)
23	7/31/2014 11:33	Ceiling	Plaster	C	Cracked	White	Interior	First	Bldg 2	Stairwell 123	NP	Null	0.08
24	7/31/2014 11:33	Ceiling	Plaster	C	Cracked	White	Interior	First	Bldg 2	Stairwell 123	NP	Negative	0.06
25	7/31/2014 11:36	Wall	Plaster	B	Intact	White	Interior	First	Bldg 2	109	NP	Negative	0.40
26	7/31/2014 11:37	Door Frame	Metal	D	Intact	Brown	Interior	First	Bldg 2	109	NP	Negative	0.01
27	7/31/2014 11:39	Door Frame	Metal	B	Intact	Brown	Interior	First	Bldg 2	Corridor 125	NP	Negative	0.00
28	7/31/2014 11:39	Door	Metal	B	Intact	Brown	Interior	First	Bldg 2	Corridor 125	NP	Negative	0.01
29	7/31/2014 11:40	Wall	Plaster	A	Intact	White	Interior	First	Bldg 2	104	NP	Negative	0.07
30	7/31/2014 11:42	Column	Plaster	B	Intact	Beige	Interior	First	Bldg 2	101	NP	Negative	0.10
31	7/31/2014 11:43	Door Frame	Metal	C	Intact	Brown	Interior	First	Bldg 2	101	NP	Negative	0.00
32	7/31/2014 11:46	Wall	Plaster	C	Intact	White	Interior	First	Bldg 2	115	NP	Positive	1.70
33	7/31/2014 11:48	Fire Ext. Cab. Door	Metal	D	Intact	Red	Interior	First	Bldg 2	Corridor 179	NP	Negative	0.04
34	7/31/2014 11:49	Wall	Gypsum Board	B	Intact	Beige	Interior	First	Bldg 2	113c	NP	Negative	0.00
35	7/31/2014 11:50	Wall	Gypsum Board	D	Intact	Beige	Interior	First	Bldg 2	113c	NP	Negative	0.00
36	7/31/2014 11:52	Door Frame	Metal	D	Intact	Brown	Interior	First	Bldg 2	113g	NP	Negative	0.00
37	7/31/2014 11:54	Wall	Gypsum Board	D	Intact	Beige	Interior	First	Bldg 2	113g	NP	Negative	0.00
38	7/31/2014 11:57	Wall	Plaster	B	Intact	White	Interior	First	Bldg 2	Stairwell 113c	NP	Negative	0.12
39	7/31/2014 11:58	Stringer	Metal	B	Intact	Gray	Interior	First	Bldg 2	Stairwell 113c	NP	Positive	3.50
40	7/31/2014 11:59	Door	Metal	A	Intact	White	Interior	First	Bldg 2	Stairwell 113c	NP	Negative	0.06
41	7/31/2014 12:00	Door Frame	Metal	A	Intact	White	Interior	First	Bldg 2	Stairwell 113c	NP	Negative	0.08
42	7/31/2014 12:07	Wall	Plaster	C	Cracked	Beige	Interior	Second	Bldg 2	205	NP	Negative	0.01
43	7/31/2014 12:07	Door Frame	Metal	A	Cracked	Brown	Interior	Second	Bldg 2	205	NP	Negative	0.00
44	7/31/2014 12:08	Door Frame	Metal	C	Intact	Brown	Interior	Second	Bldg 2	204	NP	Negative	0.02

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 2
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Building	Room	Inspector	Results	Lead (mg/cm^2)
45	7/31/2014 12:08	Wall	Plaster	A	Intact	White	Interior	Second	Bldg 2	204	NP	Negative	0.14
46	7/31/2014 12:11	Wall	Plaster	D	Intact	Beige	Interior	Second	Bldg 2	Corridor 219	NP	Negative	0.00
47	7/31/2014 12:13	Wall	Gypsum Board	C	Intact	White	Interior	Second	Bldg 2	212b	NP	Negative	0.00
48	7/31/2014 12:14	Door Frame	Metal	A	Intact	Gray	Interior	Second	Bldg 2	212b	NP	Negative	0.01
49	7/31/2014 12:14	Door	Metal	A	Intact	Gray	Interior	Second	Bldg 2	212b	NP	Negative	0.01
50	7/31/2014 12:15	Door	Metal	D	Intact	Brown	Interior	Second	Bldg 2	212d	NP	Negative	0.00
51	7/31/2014 12:17	Wall	Plaster	A	Intact	White	Interior	Second	Bldg 2	213b	NP	Negative	0.00
52	7/31/2014 12:22	Window Sill	Wood	A	Intact	White	Interior	Attic	Bldg 2		NP	Positive	14.70
53	7/31/2014 12:23	Sprinkler Pipe	Metal	B	Intact	Red	Interior	Attic	Bldg 2		NP	Negative	0.04
54	7/31/2014 12:34	Sprinkler Pipe	Metal	A	Intact	Red	Interior	Attic	Bldg 2		NP	Negative	0.00
55	7/31/2014 12:35	Duct	Metal	Central	Intact	Orange	Interior	Attic	Bldg 2		NP	Positive	8.90
56	7/31/2014 12:36	Duct	Metal	Central	Intact	Orange	Interior	Attic	Bldg 2		NP	Positive	10.10
57	7/31/2014 12:36	Pipe	Metal	Central	Poor	Beige	Interior	Attic	Bldg 2		NP	Positive	10.10
58	7/31/2014 12:38	Floor	Concrete	Central	Intact	Gray	Interior	Attic	Bldg 2	Elevator	NP	Negative	0.50
59	7/31/2014 12:39	Floor	Concrete	Central	Intact	Red	Interior	Attic	Bldg 2	Elevator	NP	Negative	0.30
60	7/31/2014 12:39	Ladder	Metal	B	Intact	Gray	Interior	Attic	Bldg 2	Elevator	NP	Positive	7.70
61	7/31/2014 12:39	Door	Metal	B	Intact	Gray	Interior	Attic	Bldg 2	Elevator	NP	Positive	2.10
62	7/31/2014 12:40	Door Frame	Metal	B	Intact	Gray	Interior	Attic	Bldg 2	Elevator	NP	Positive	2.00
63	7/31/2014 12:40	Duct	Metal	C	Intact	Gray	Interior	Attic	Bldg 2	Elevator	NP	Positive	9.70
64	7/31/2014 12:42	Cage	Metal	Central	Intact	Green	Interior	Attic	Bldg 2	Elevator	NP	Negative	0.26
65	7/31/2014 12:45	Motor	Metal	A	Intact	Blue	Interior	Attic	Bldg 2	Elevator	NP	Negative	0.00
66	7/31/2014 13:30	Wall	Brick	A	Intact	White	Interior	Ground	Bldg 2	Mechanical 8a	NP	Negative	0.00
67	7/31/2014 13:30	Door	Metal	A	Intact	White	Interior	Ground	Bldg 2	Mechanical 8a	NP	Negative	0.00
68	7/31/2014 13:31	Door Frame	Metal	A	Intact	White	Interior	Ground	Bldg 2	Mechanical 8a	NP	Negative	0.01

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 2
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Building	Room	Inspector	Results	Lead (mg/cm^2)
69	7/31/2014 13:32	Wall	Metal	C	Intact	White	Interior	Ground	Bldg 2	Mechanical 8a	NP	Negative	0.02
70	7/31/2014 13:33	Door	Metal	C	Intact	White	Interior	Ground	Bldg 2	Mechanical 8a	NP	Negative	0.00
71	7/31/2014 13:33	Door Frame	Metal	C	Intact	White	Interior	Ground	Bldg 2	Mechanical 8a	NP	Negative	0.00
72	7/31/2014 13:34	Ceiling	Concrete	C	Peeling	White	Interior	Ground	Bldg 2	Mechanical 8a	NP	Negative	0.01
73	7/31/2014 13:35	Motor	Metal	C	Intact	Red	Interior	Ground	Bldg 2	Mechanical 8a	NP	Negative	0.02
74	7/31/2014 13:35	Motor	Metal	C	Intact	Red	Interior	Ground	Bldg 2	Mechanical 8a	NP	Negative	0.00
75	7/31/2014 13:36	Stairs	Metal	B	Intact	Black	Interior	Ground	Bldg 2	Mechanical 8a	NP	Positive	8.40
76	7/31/2014 13:36	Handrail	Metal	B	Intact	Black	Interior	Ground	Bldg 2	Mechanical 8a	NP	Positive	1.60
77	7/31/2014 13:38	Window Frame	Metal	C	Intact	White	Exterior	Ground	Bldg 2	Mechanical 8a	NP	Negative	0.00
78	7/31/2014 13:39	Window Lintel	Metal	C	Intact	White	Exterior	Ground	Bldg 2		NP	Positive	1.20
79	7/31/2014 13:40	Window Lintel	Metal	B	Intact	White	Exterior	Ground	Bldg 2		NP	Negative	0.70
80	7/31/2014 13:41	Crawlspace Vent	Metal	B	Poor	White	Exterior	Ground	Bldg 2		NP	Positive	20.70
142	7/31/2014 15:18	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
143	7/31/2014 15:21	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
144	7/31/2014 15:22	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
145	7/31/2014 15:23	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90

* = Reading number 1 is an internal diagnostic reading that does not represent lead content on any items.

Null = Incomplete test due to instrument movement or early trigger release.

Reading numbers 81 - 141 apply to Building 12, also tested on same date. Please see corresponding building table for this data.

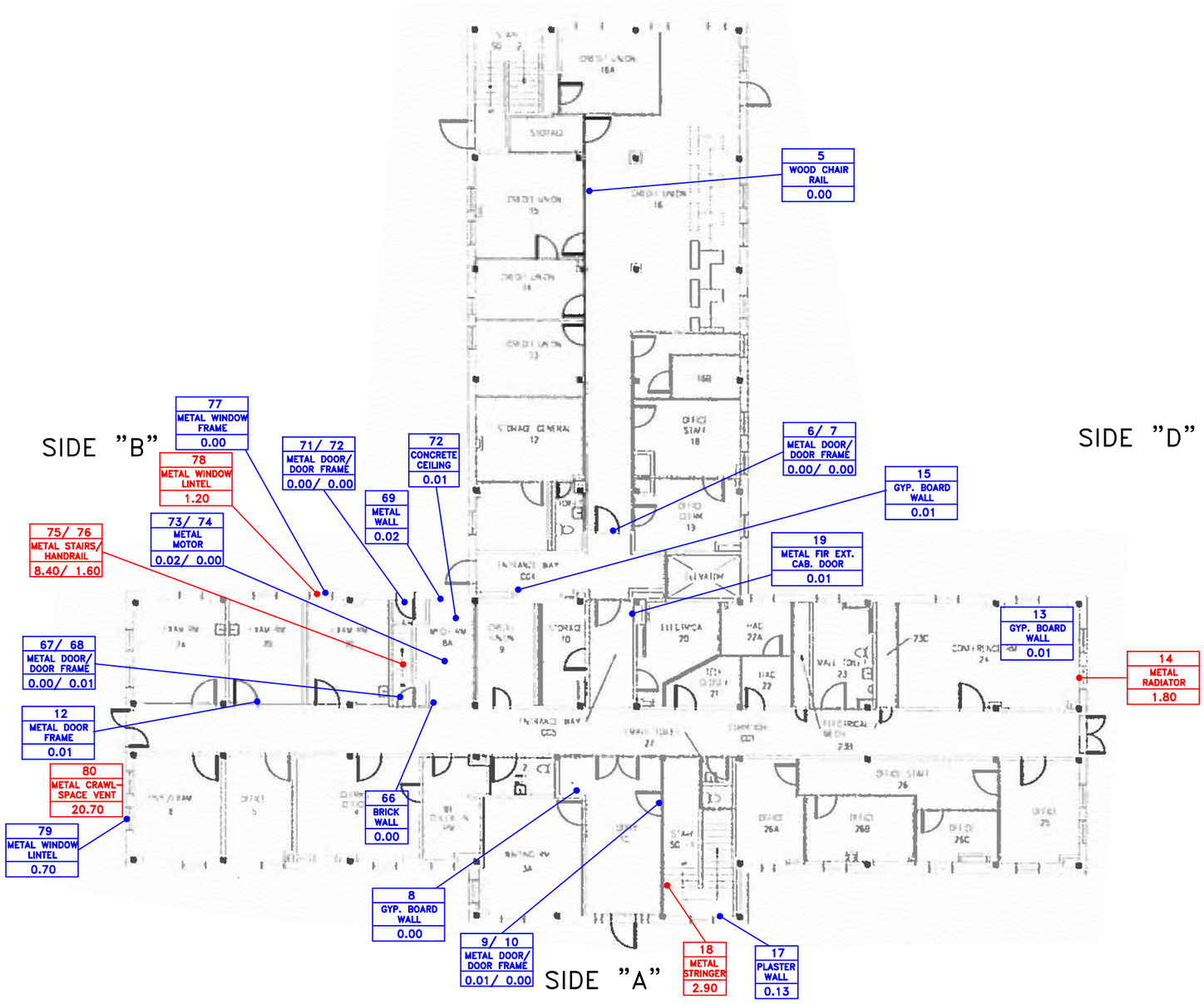
ACTION LEVEL = 1.00 mg/cm^2

APPENDIX B-2
XRF Testing Location Plans

SIDE "C"

SIDE "B"

SIDE "D"



SIDE "A"

NOT TO SCALE

BUILDING 2 – GROUND FLOOR

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 1: BUILDING 2 – GROUND FLOOR

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PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

BUILDING 2
GROUND FLOOR
SHEET 1 OF 4

SIDE "C"

SIDE "B"

SIDE "D"



SIDE "A"

NOT TO SCALE

BUILDING 2 – FIRST FLOOR

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 2: BUILDING 2 – FIRST FLOOR

Safety Environmental Laboratories and Consulting, Inc.
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989 Yeager Parkway
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PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

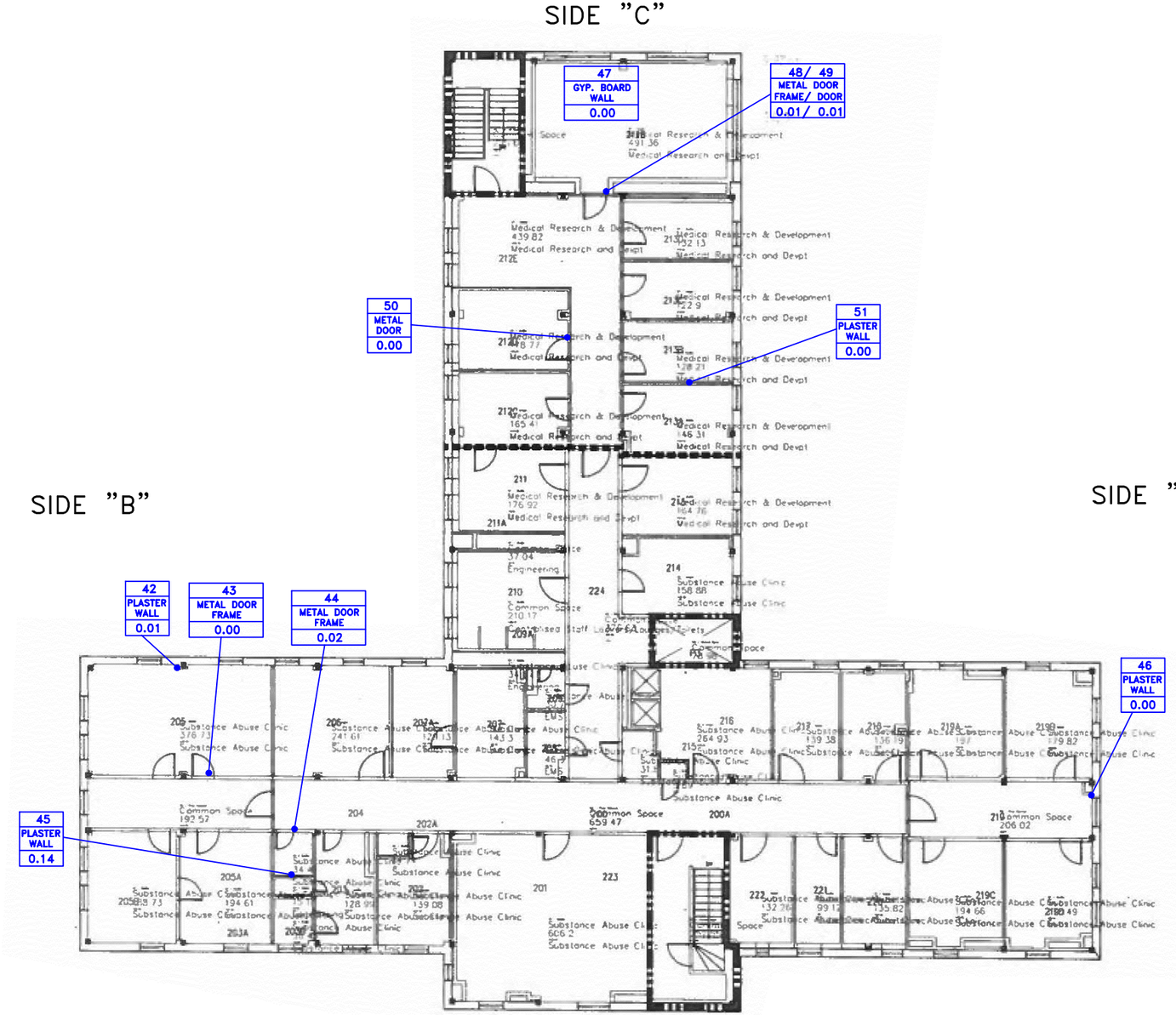
SELC PROJECT NO.: 2014-1107

BUILDING 2
FIRST FLOOR
SHEET 2 OF 4

SIDE "C"

SIDE "B"

SIDE "D"



SIDE "A"

NOT TO SCALE

BUILDING 2 – SECOND FLOOR

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 3: BUILDING 2 – SECOND FLOOR

Safety Environmental Laboratories and Consulting, Inc.
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PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

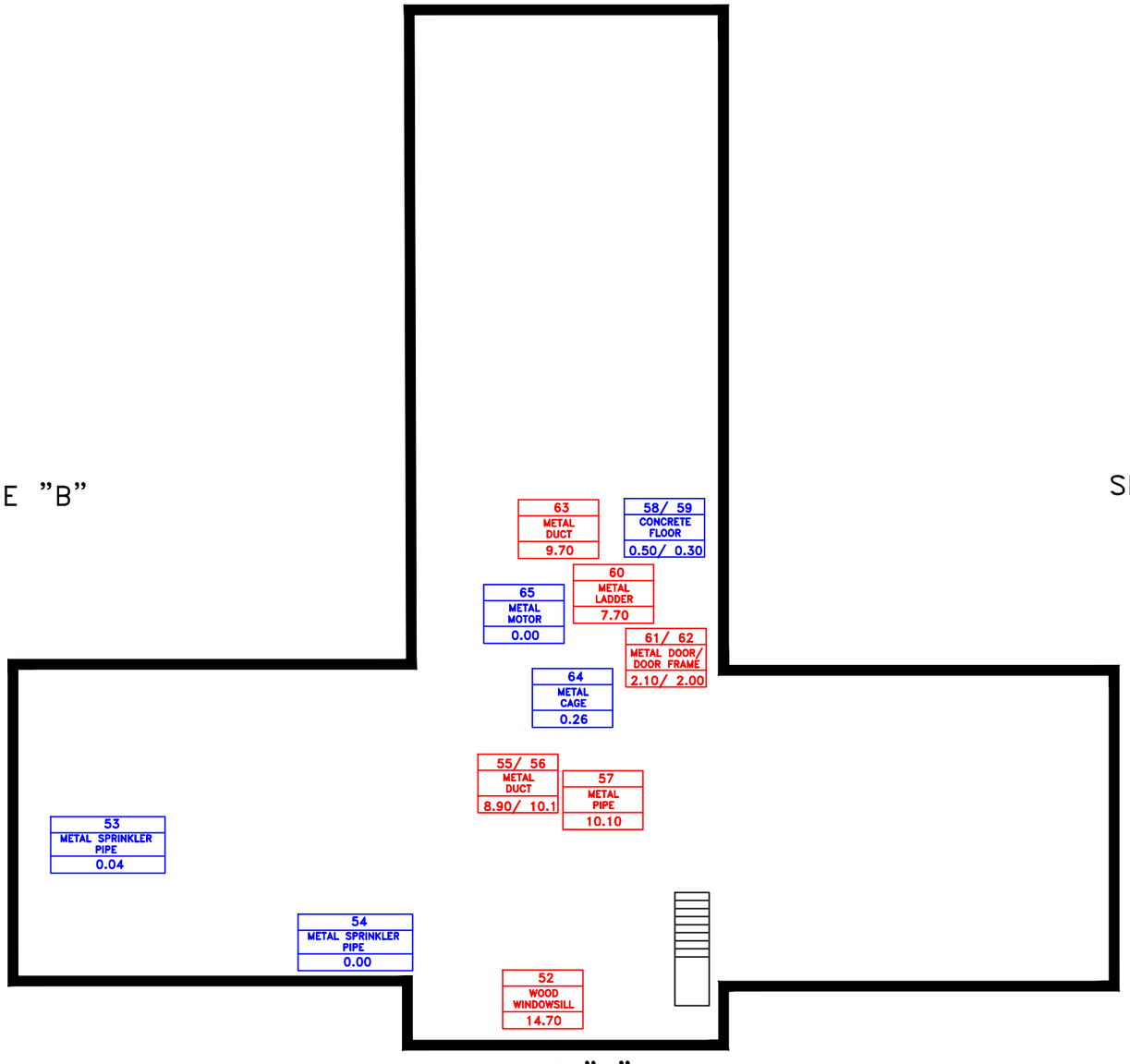
SELC PROJECT NO.: 2014-1107

BUILDING 2
SECOND FLOOR
SHEET 3 OF 4

SIDE "C"

SIDE "B"

SIDE "D"



SIDE "A"

NOT TO SCALE

BUILDING 2 – ATTIC

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 4: BUILDING 2 – ATTIC

Safety Environmental Laboratories and Consulting, Inc.

SELC

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Pelham, AL 35124

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PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

BUILDING 2
ATTIC
SHEET 4 OF 4

APPENDIX B-3
Photographic Documentation

Building 2
Photographic Documentation



Photograph 1
Damaged LBP on metal roof drain pipe.



Photograph 2
Damaged/deteriorated LBP on crawlspace vent on exterior.

NO PHOTOGRAPH

NO PHOTOGRAPH

APPENDIX C

BUILDING 3
OFFICE BUILDING AND BOILER PLANT



INCLUDED IN APPENDIX C:

C-1 – XRF Testing Data Sheets

C-2 – XRF Testing Location Plans

C-3 – Photographic Documentation

APPENDIX C-1
XRF Testing Data Sheets

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 3
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
124	8/5/2014 8:11												1.41*
125	8/5/2014 8:47	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90
126	8/5/2014 8:48	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90
127	8/5/2014 8:48	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.20
221	8/5/2014 11:55	Cage	Metal	A	Intact	Green	Interior	Attic	Elevator	Bldg 3	NP	Positive	5.30
222	8/5/2014 11:55	Handrail	Metal	A	Intact	Green	Interior	Attic	Elevator	Bldg 3	NP	Positive	8.20
223	8/5/2014 11:55	Ladder	Metal	A	Intact	Green	Interior	Attic	Elevator	Bldg 3	NP	Positive	9.00
224	8/5/2014 11:56	Access Door	Wood	A	Intact	Gray	Interior	Attic	Elevator	Bldg 3	NP	Positive	6.20
225	8/5/2014 11:56	Door	Metal	C	Intact	Gray	Interior	Attic	Elevator	Bldg 3	NP	Positive	2.30
226	8/5/2014 11:57	Door Frame	Metal	C	Intact	Gray	Interior	Attic	Elevator	Bldg 3	NP	Positive	3.50
227	8/5/2014 11:58	Handrail	Metal	D	Poor	Black	Interior	Attic	Stairwell	Bldg 3	NP	Negative	0.20
228	8/5/2014 11:58	Ceiling	Plaster	D	Intact	White	Interior	Attic	Stairwell	Bldg 3	NP	Null	0.03
229	8/5/2014 11:58	Ceiling	Plaster	D	Intact	White	Interior	Attic	Stairwell	Bldg 3	NP	Null	0.17
230	8/5/2014 11:59	Ceiling	Plaster	D	Intact	White	Interior	Attic	Stairwell	Bldg 3	NP	Negative	0.16
231	8/5/2014 11:59	Wall	Plaster	C	Intact	White	Interior	Attic	Stairwell	Bldg 3	NP	Negative	0.09
232	8/5/2014 12:01	Floor	Concrete	C	Intact	Gray	Interior	Attic	Stairwell	Bldg 3	NP	Negative	0.04
233	8/5/2014 12:01	Stairs	Metal	C	Intact	Gray	Interior	Attic	Stairwell	Bldg 3	NP	Positive	2.00
234	8/5/2014 12:07	Stairs	Metal	C	Intact	Black	Exterior	Second	Corridor 223	Bldg 3	NP	Negative	0.40
235	8/5/2014 12:08	Handrail	Metal	C	Intact	Black	Exterior	Second	Corridor 223	Bldg 3	NP	Negative	0.40
236	8/5/2014 12:09	Baseboard	Concrete	B	Intact	Beige	Interior	Second	Corridor 223	Bldg 3	NP	Negative	0.40
237	8/5/2014 12:10	Step	Concrete	C	Intact	Beige	Interior	Second	Corridor 223	Bldg 3	NP	Negative	0.00
238	8/5/2014 12:12	Window Sill	Plaster	B	Intact	White	Interior	Second	210	Bldg 3	NP	Negative	0.50
239	8/5/2014 12:13	Wall	Plaster	A	Intact	White	Interior	Second	210	Bldg 3	NP	Negative	0.40
240	8/5/2014 12:14	Closet Door Frame	Metal	A	Intact	Gray	Interior	Second	210	Bldg 3	NP	Positive	3.30
241	8/5/2014 12:14	Closet Shelf	Wood	A	Intact	White	Interior	Second	210	Bldg 3	NP	Positive	4.50
242	8/5/2014 12:15	Closet Shelf Support	Wood	A	Intact	White	Interior	Second	210	Bldg 3	NP	Positive	3.40
243	8/5/2014 12:15	Closet Rod	Wood	A	Intact	White	Interior	Second	210	Bldg 3	NP	Positive	2.40
244	8/5/2014 12:16	Door Frame	Metal	D	Intact	Beige	Interior	Second	210	Bldg 3	NP	Positive	3.10

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 3
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
245	8/5/2014 12:17	Door Frame	Metal	B	Intact	Beige	Interior	Second	204	Bldg 3	NP	Positive	3.80
246	8/5/2014 12:18	Closet Door Frame	Metal	A	Intact	Beige	Interior	Second	204	Bldg 3	NP	Positive	5.80
247	8/5/2014 12:19	Wall	Plaster	D	Intact	White	Interior	Second	204	Bldg 3	NP	Negative	0.02
248	8/5/2014 12:21	Window Sill	Plaster	D	Intact	White	Interior	Second	204	Bldg 3	NP	Negative	0.40
249	8/5/2014 12:22	Closet Shelf	Wood	C	Intact	White	Interior	Second	204	Bldg 3	NP	Positive	3.90
250	8/5/2014 12:23	Closet Shelf Support	Wood	C	Intact	White	Interior	Second	204	Bldg 3	NP	Positive	3.60
251	8/5/2014 12:25	Door Frame	Metal	D	Intact	Beige	Interior	Second	211	Bldg 3	NP	Positive	2.60
252	8/5/2014 12:26	Wall	Plaster	B	Intact	White	Interior	Second	211	Bldg 3	NP	Negative	0.02
253	8/5/2014 12:29	Wall	Gypsum Board	C	Intact	White	Interior	Second	214	Bldg 3	NP	Negative	0.02
254	8/5/2014 12:29	Wall	Gypsum Board	A	Intact	White	Interior	Second	214	Bldg 3	NP	Negative	0.00
255	8/5/2014 12:32	Wall	Plaster	D	Intact	White	Interior	Second	Stairwell 217	Bldg 3	NP	Negative	0.50
256	8/5/2014 12:33	Door	Metal	B	Intact	White	Interior	Second	Stairwell 217	Bldg 3	NP	Negative	0.00
257	8/5/2014 12:33	Door Frame	Metal	B	Intact	White	Interior	Second	Stairwell 217	Bldg 3	NP	Negative	0.00
258	8/5/2014 12:35	Newel Post	Metal	B	Intact	White	Interior	Second	Stairwell 217	Bldg 3	NP	Negative	0.21
259	8/5/2014 12:36	Ballister	Metal	B	Intact	White	Interior	Second	Stairwell 217	Bldg 3	NP	Positive	2.60
260	8/5/2014 12:38	Stringer	Metal	D	Intact	White	Interior	Second	Stairwell 217	Bldg 3	NP	Null	1.00
261	8/5/2014 12:38	Stringer	Metal	D	Intact	White	Interior	Second	Stairwell 217	Bldg 3	NP	Negative	0.25
262	8/5/2014 12:48	Door Frame	Metal	D	Intact	Black	Interior	First	119	Bldg 3	NP	Negative	0.00
263	8/5/2014 12:49	Door Frame	Metal	A	Intact	Black	Interior	First	111	Bldg 3	NP	Negative	0.00
264	8/5/2014 12:53	Door Frame	Metal	A	Intact	White	Interior	First	139	Bldg 3	NP	Negative	0.00
265	8/5/2014 12:54	Wall	Plaster	B	Intact	White	Interior	First	139	Bldg 3	NP	Negative	0.01
266	8/5/2014 12:55	Floor	Concrete	B	Intact	Gray	Interior	First	139	Bldg 3	NP	Negative	0.00
267	8/5/2014 13:01	Wall	Plaster	A	Intact	White	Interior	First	118	Bldg 3	NP	Negative	0.60
268	8/5/2014 13:02	Handrail	Metal	A	Intact	Gray	Interior	First	118	Bldg 3	NP	Negative	0.00
269	8/5/2014 13:03	Stringer	Metal	A	Intact	Gray	Interior	First	118	Bldg 3	NP	Negative	0.40
270	8/5/2014 13:12	Wall	Gypsum Board	A	Intact	White	Interior	First	146	Bldg 3	NP	Negative	0.00
271	8/5/2014 13:13	Door Frame	Metal	C	Intact	White	Interior	First	146	Bldg 3	NP	Negative	0.00
272	8/5/2014 13:14	Wall	Plaster	C	Intact	White	Interior	First	162	Bldg 3	NP	Negative	0.00

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 3
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
273	8/5/2014 13:20	Wall	Gypsum Board	A	Intact	Beige	Interior	Basement	62	Bldg 3	NP	Negative	0.00
274	8/5/2014 13:21	Door Frame	Metal	C	Intact	Gray	Interior	Basement	62	Bldg 3	NP	Negative	0.00
275	8/5/2014 13:23	Door Frame	Metal	C	Intact	Gray	Interior	Basement	67	Bldg 3	NP	Negative	0.00
276	8/5/2014 13:24	Wall	Gypsum Board	C	Intact	Beige	Interior	Basement	67	Bldg 3	NP	Negative	0.00
277	8/5/2014 13:27	Wall	Gypsum Board	D	Intact	Beige	Interior	Basement	10	Bldg 3	NP	Negative	0.02
278	8/5/2014 13:28	Door Frame	Metal	D	Intact	White	Interior	Basement	10	Bldg 3	NP	Negative	0.00
279	8/5/2014 13:28	Door Frame	Metal	D	Intact	White	Interior	Basement	13b	Bldg 3	NP	Negative	0.00
280	8/5/2014 13:35	Door Frame	Metal	C	Intact	White	Interior	Basement	5	Bldg 3	NP	Negative	0.00
281	8/5/2014 13:36	Wall	Gypsum Board	C	Intact	Beige	Interior	Basement	5	Bldg 3	NP	Negative	0.00
282	8/5/2014 13:40	Wall	Gypsum Board	A	Intact	White	Interior	Basement	1	Bldg 3	NP	Null	0.60
283	8/5/2014 13:44	Wall	Plaster	A	Intact	White	Interior	Basement	1	Bldg 3	NP	Null	0.80
284	8/5/2014 13:45	Wall	Plaster	A	Intact	White	Interior	Basement	1	Bldg 3	NP	Negative	0.00
285	8/5/2014 13:45	Door	Wood	A	Intact	White	Interior	Basement	1	Bldg 3	NP	Negative	0.00
286	8/5/2014 13:46	Door Frame	Metal	A	Intact	White	Interior	Basement	1	Bldg 3	NP	Positive	3.60
287	8/5/2014 13:48	Wall	Brick	B	Intact	White	Interior	Basement	4a	Bldg 3	NP	Negative	0.00
288	8/5/2014 13:49	Door Frame	Metal	C	Intact	White	Interior	Basement	4a	Bldg 3	NP	Negative	0.00
289	8/5/2014 13:50	Door	Metal	C	Intact	White	Interior	Basement	4a	Bldg 3	NP	Negative	0.00
290	8/5/2014 13:52	Door	Metal	C	Poor	White	Interior	Basement	18	Bldg 3	NP	Negative	0.00
291	8/5/2014 13:52	Door Frame	Metal	C	Poor	White	Interior	Basement	18	Bldg 3	NP	Negative	0.22
292	8/5/2014 13:53	Wall	Plaster	C	Poor	White	Interior	Basement	18	Bldg 3	NP	Positive	1.30
293	8/5/2014 14:10	Wall	Gypsum Board	D	Intact	White	Interior	Basement	33	Bldg 3	NP	Negative	0.00
294	8/5/2014 14:10	Door	Metal	A	Intact	White	Interior	Basement	33	Bldg 3	NP	Negative	0.00
295	8/5/2014 14:11	Door Frame	Metal	A	Intact	White	Interior	Basement	33	Bldg 3	NP	Negative	0.03
296	8/5/2014 14:12	Door Frame	Metal	A	Intact	White	Interior	Basement	33a	Bldg 3	NP	Negative	0.00
297	8/5/2014 14:13	Ceiling	Gypsum Board	A	Intact	White	Interior	Basement	33a	Bldg 3	NP	Negative	0.00
298	8/5/2014 14:14	Wall	Brick	D	Intact	White	Interior	Basement	33a	Bldg 3	NP	Positive	1.30
299	8/5/2014 14:16	Wall	Gypsum Board	C	Intact	White	Interior	Basement	38	Bldg 3	NP	Negative	0.00
300	8/5/2014 14:19	Large Door	Metal	A	Intact	Gray	Interior	Sub-basement	36	Bldg 3	NP	Positive	8.90

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 3
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
301	8/5/2014 14:20	Floor	Concrete	A	Intact	Green	Interior	Sub-basement	36	Bldg 3	NP	Negative	0.03
302	8/5/2014 14:21	Stairs	Metal	D	Intact	Gray	Interior	Sub-basement	36	Bldg 3	NP	Negative	0.00
303	8/5/2014 14:22	Handrail	Metal	D	Intact	Yellow	Interior	Sub-basement	36	Bldg 3	NP	Negative	0.00
304	8/5/2014 14:22	Wall	Brick	A	Intact	Gray	Interior	Sub-basement	36	Bldg 3	NP	Positive	3.90
305	8/5/2014 14:23	Wall	Brick	D	Intact	Gray	Interior	Sub-basement	36	Bldg 3	NP	Negative	0.08
306	8/5/2014 14:24	Structural Steel	Metal	D	Intact	Gray	Interior	Sub-basement	36	Bldg 3	NP	Positive	13.20
307	8/5/2014 14:24	Structural Steel	Metal	C	Intact	Gray	Interior	Sub-basement	36	Bldg 3	NP	Positive	3.40
308	8/5/2014 14:24	Stairs	Metal	D	Intact	Gray	Interior	Sub-basement	36	Bldg 3	NP	Negative	0.03
309	8/5/2014 14:26	Boiler	Metal	B	Intact	Blue	Interior	Sub-basement	36	Bldg 3	NP	Negative	0.00
310	8/5/2014 14:26	Boiler	Metal	B	Intact	Blue	Interior	Sub-basement	36	Bldg 3	NP	Negative	0.00
311	8/5/2014 14:27	Pipe	Metal	B	Intact	Yellow	Interior	Sub-basement	36	Bldg 3	NP	Negative	0.00
312	8/5/2014 14:27	Pipe	Metal	B	Intact	Yellow	Interior	Sub-basement	36	Bldg 3	NP	Negative	0.01
313	8/5/2014 14:28	Ladder	Metal	B	Intact	Yellow	Interior	Sub-basement	36	Bldg 3	NP	Negative	0.00
314	8/5/2014 14:28	Ladder	Metal	B	Intact	Yellow	Interior	Sub-basement	36	Bldg 3	NP	Negative	0.00
315	8/5/2014 14:29	Stairs	Metal	B	Intact	Gray	Interior	Sub-basement	36	Bldg 3	NP	Positive	6.30
316	8/5/2014 14:30	Handrail	Metal	B	Intact	Gray	Interior	Sub-basement	36	Bldg 3	NP	Negative	0.30
317	8/5/2014 14:30	Door	Wood	B	Intact	Gray	Interior	Sub-basement	36	Bldg 3	NP	Positive	3.80
318	8/5/2014 14:31	Door Frame	Metal	B	Intact	Gray	Interior	Sub-basement	36	Bldg 3	NP	Positive	3.60
319	8/5/2014 14:32	Trough Cover	Metal	C	Intact	Gray	Interior	Sub-basement	36	Bldg 3	NP	Negative	0.00
320	8/5/2014 14:33	Trough Cover	Metal	C	Intact	Gray	Interior	Sub-basement	36	Bldg 3	NP	Negative	0.00
321	8/5/2014 14:34	Door	Wood	C	Intact	White	Interior	Sub-basement	36c	Bldg 3	NP	Negative	0.01
322	8/5/2014 14:35	Door Frame	Wood	C	Intact	White	Interior	Sub-basement	36c	Bldg 3	NP	Negative	0.01
323	8/5/2014 14:35	Structural Steel	Metal	C	Intact	White	Interior	Sub-basement	36c	Bldg 3	NP	Positive	13.30
324	8/5/2014 14:36	Ceiling	Concrete	C	Intact	White	Interior	Sub-basement	36b	Bldg 3	NP	Null	0.00
325	8/5/2014 14:37	Ceiling	Concrete	C	Intact	White	Interior	Sub-basement	36b	Bldg 3	NP	Negative	0.01
326	8/5/2014 14:40	Window Frame	Metal	B	Intact	White	Interior	Sub-basement	36b	Bldg 3	NP	Negative	0.00
327	8/5/2014 14:41	Wall	Brick	B	Intact	White	Interior	Sub-basement	36b	Bldg 3	NP	Negative	0.01
328	8/5/2014 14:42	Door	Wood	C	Intact	White	Interior	Sub-basement	36b	Bldg 3	NP	Negative	0.02

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 3
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
329	8/5/2014 14:42	Door Frame	Wood	C	Intact	White	Interior	Sub-basement	36b	Bldg 3	NP	Negative	0.04
330	8/5/2014 14:44	Door Frame	Metal	C	Poor	Gray	Interior	Sub-basement	35	Bldg 3	NP	Positive	3.60
331	8/5/2014 14:44	Door	Metal	C	Poor	Gray	Interior	Sub-basement	35	Bldg 3	NP	Positive	4.00
332	8/5/2014 14:45	Door	Metal	B	Intact	White	Interior	Sub-basement	35	Bldg 3	NP	Negative	0.03
333	8/5/2014 14:46	Cabinet	Wood	B	Intact	Gray	Interior	Sub-basement	35	Bldg 3	NP	Negative	0.10
334	8/5/2014 14:46	Cabinet Door	Wood	B	Intact	Gray	Interior	Sub-basement	35	Bldg 3	NP	Negative	0.01
335	8/5/2014 14:47	Ceiling	Concrete	B	Poor	White	Interior	Sub-basement	35	Bldg 3	NP	Negative	0.01
336	8/5/2014 14:47	Cabinet	Metal	A	Poor	Gray	Interior	Sub-basement	35	Bldg 3	NP	Negative	0.00
337	8/5/2014 14:50	Door	Metal	A	Intact	White	Exterior			Bldg 3	NP	Negative	0.00
338	8/5/2014 14:50	Door Frame	Metal	A	Intact	White	Exterior			Bldg 3	NP	Positive	2.00
339	8/5/2014 14:50	Door Lintel	Metal	A	Intact	White	Exterior			Bldg 3	NP	Positive	2.60
340	8/5/2014 14:52	Chimney	Brick	A	Intact	Silver	Exterior			Bldg 3	NP	Positive	1.30
341	8/5/2014 14:53	Window Lintel	Metal	B	Intact	White	Exterior			Bldg 3	NP	Negative	0.01
342	8/5/2014 14:54	Handrail	Metal	B	Intact	Gray	Exterior			Bldg 3	NP	Negative	0.00
343	8/5/2014 14:55	Window Lintel	Metal	D	Intact	White	Exterior			Bldg 3	NP	Negative	0.00
344	8/5/2014 14:56	Roll Up Door Frame	Metal	D	Intact	Red-Brown	Exterior			Bldg 3	NP	Negative	0.01
345	8/5/2014 14:57	Handrail	Metal	D	Intact	Black	Exterior			Bldg 3	NP	Negative	0.01
346	8/5/2014 14:58	Awning Post	Metal	D	Intact	White	Exterior			Bldg 3	NP	Negative	0.00
347	8/5/2014 14:58	Awning Steel	Metal	D	Intact	White	Exterior			Bldg 3	NP	Negative	0.00
348	8/5/2014 14:59	Door	Wood	D	Intact	White	Exterior			Bldg 3	NP	Negative	0.00
349	8/5/2014 14:59	Door Frame	Metal	D	Intact	White	Exterior			Bldg 3	NP	Negative	0.00
350	8/5/2014 15:00	Window	Wood	D	Intact	White	Exterior			Bldg 3	NP	Positive	29.80
351	8/5/2014 15:10	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90
352	8/5/2014 15:10	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.20
353	8/5/2014 15:11	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.10

* = Reading number 124 is an internal diagnostic reading that does not represent lead content on any items.

Null = Incomplete test due to instrument movement or early trigger release.

Reading numbers 1 - 123 and 128 - 220 apply to Buildings 41 and 4. Please see corresponding building tables for this data.

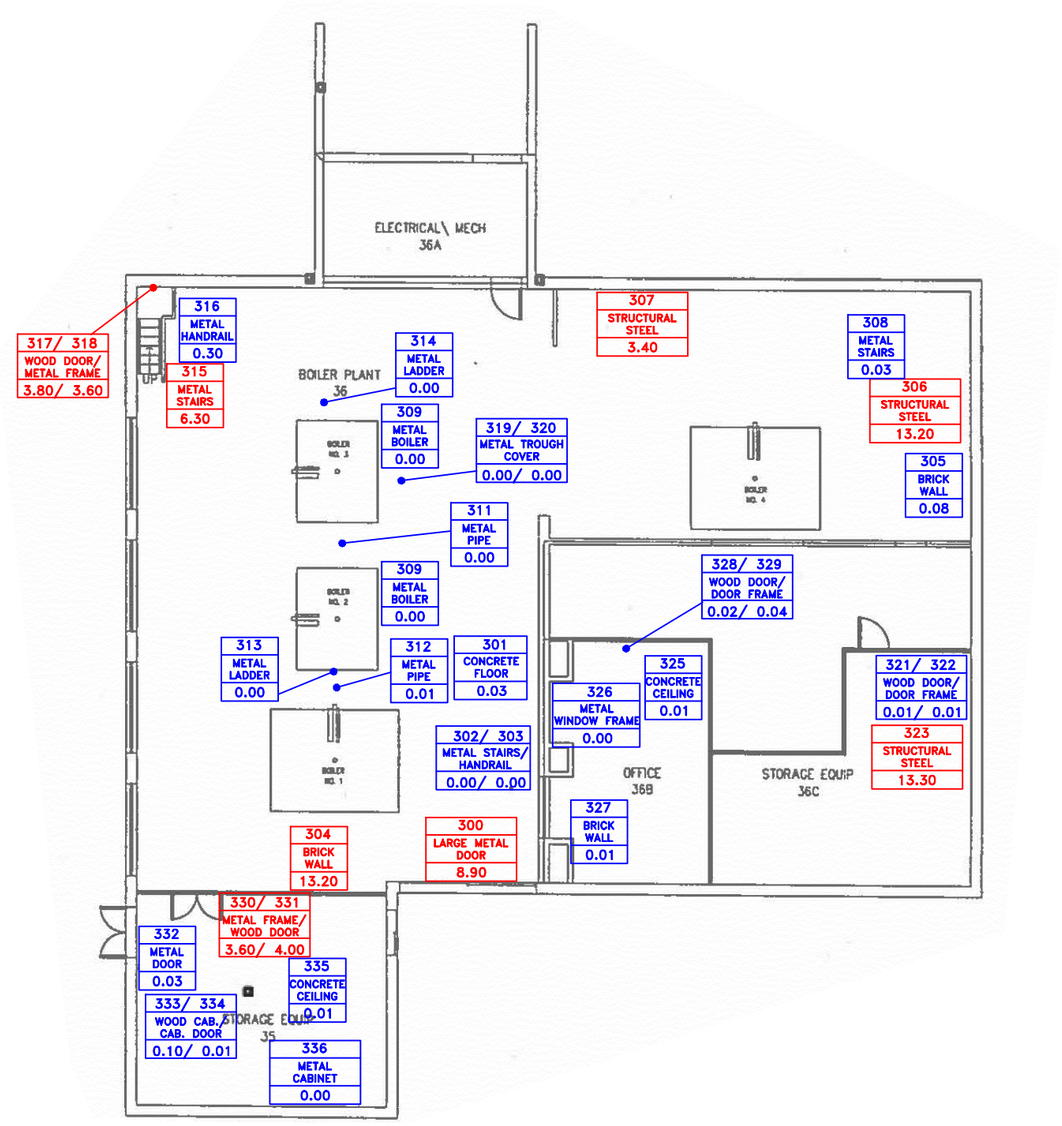
ACTION LEVEL = 1.00 mg/cm^2

APPENDIX C-2
XRF Testing Location Plans

SIDE "C"

SIDE "B"

SIDE "D"



SIDE "A"

NOT TO SCALE

BUILDING 3 – SUB-BASEMENT

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 1: BUILDING 3 – SUB-BASEMENT

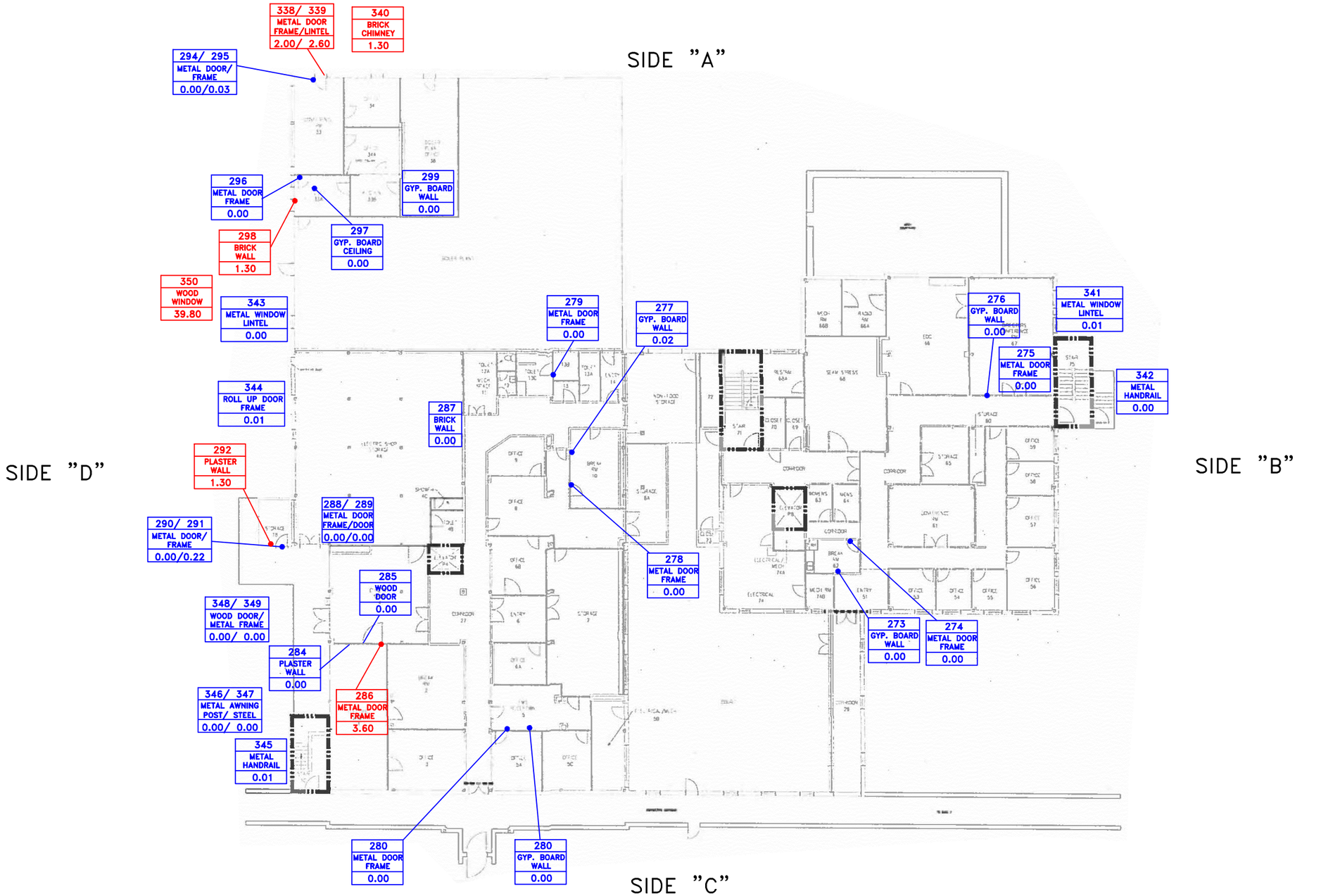
Safety Environmental Laboratories and Consulting, Inc.
SELC
989 Yeager Parkway
Pelham, AL 35124
(205) 823-6200 fax (205) 823-9066

PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

BUILDING 3
SUB-BASEMENT
SHEET 1 OF 4



NOT TO SCALE

BUILDING 3 – BASEMENT

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 2: BUILDING 3 – BASEMENT

Safety Environmental Laboratories and Consulting, Inc.
SELC
989 Yeager Parkway
Pelham, AL 35124
(205) 823-6200 fax (205) 823-9066

PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

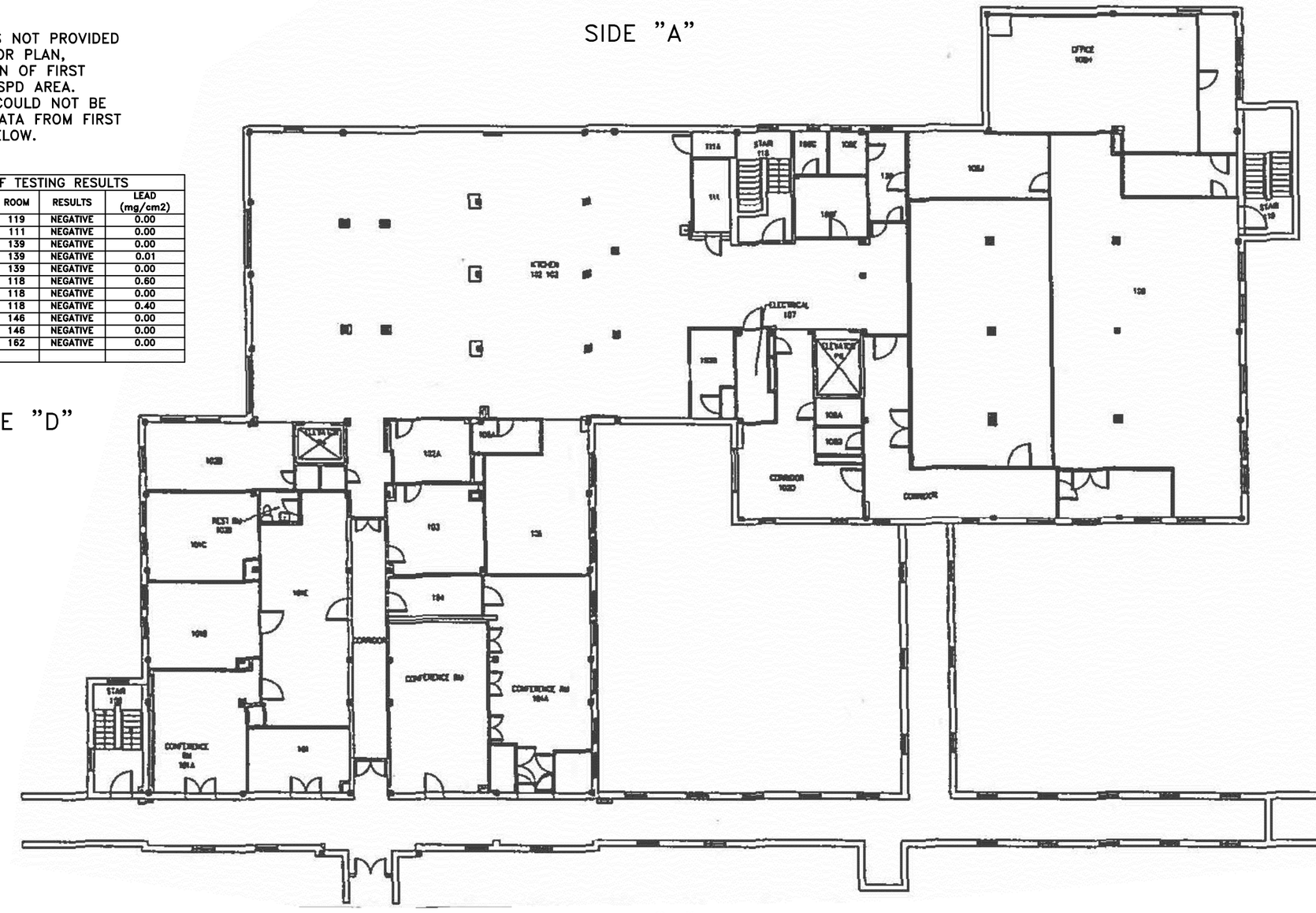
BUILDING 3
BASEMENT
SHEET 2 OF 4

PLEASE NOTE THAT SELC WAS NOT PROVIDED WITH AN UPDATED FIRST FLOOR PLAN, DEPICTING NEW CONFIGURATION OF FIRST FLOOR RESEARCH AREA AND SPD AREA. THEREFORE, XRF LOCATIONS COULD NOT BE PLOTTED ON DRAWING. XRF DATA FROM FIRST FLOOR PROVIDED IN TABLE BELOW.

BUILDING 3 – 1ST FLOOR – XRF TESTING RESULTS						
#	COMPONENT	SUBSTRATE	SIDE	ROOM	RESULTS	LEAD (mg/cm2)
262	DOOR FRAME	METAL	D	119	NEGATIVE	0.00
263	DOOR FRAME	METAL	A	111	NEGATIVE	0.00
264	DOOR FRAME	METAL	A	139	NEGATIVE	0.00
265	WALL	PLASTER	B	139	NEGATIVE	0.01
266	FLOOR	CONCRETE	B	139	NEGATIVE	0.00
267	WALL	PLASTER	A	118	NEGATIVE	0.60
268	HANDRAIL	METAL	A	118	NEGATIVE	0.00
269	STRINGER	METAL	A	118	NEGATIVE	0.40
270	WALL	GYPSUM BOARD	A	146	NEGATIVE	0.00
271	DOOR FRAME	METAL	C	146	NEGATIVE	0.00
272	WALL	PLASTER	C	162	NEGATIVE	0.00

SIDE "A"

SIDE "D"



SIDE "B"

SIDE "C"

NOT TO SCALE

BUILDING 3 – FIRST FLOOR

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 3: BUILDING 3 – FIRST FLOOR

Safety Environmental Laboratories and Consulting, Inc.
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989 Yeager Parkway
Pelham, AL 35124
(205) 823-6200 fax (205) 823-9066

PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

BUILDING 3
FIRST FLOOR
SHEET 3 OF 4



BUILDING 3 – SECOND FLOOR

BUILDING 3 – ATTIC

NOT TO SCALE

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 4: BUILDING 3 – SECOND FLOOR & ATTIC

Safety Environmental Laboratories and Consulting, Inc.
989 Yeager Parkway
Pelham, AL 35124
SELC
(205) 823-6200 fax (205) 823-9066

PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

BUILDING 3
SECOND FLOOR & ATTIC

SHEET 4 OF 4

APPENDIX C-3
Photographic Documentation

Building 3
Photographic Documentation



Photograph 1
Cracked/peeling LBP on plaster walls in Room 18.



Photograph 2
Damaged LBP on metal door and door frame in Room 35.



Photograph 3
Areas of damaged LBP on exterior stack.



Photograph 4
Areas of damaged LBP on plaster wall in Room 12.

APPENDIX D

BUILDING 4
AUDITORIUM



INCLUDED IN APPENDIX D:

D-1 – XRF Testing Data Sheets

D-2 – XRF Testing Location Plans

D-3 – Photographic Documentation

APPENDIX D-1
XRF Testing Data Sheets

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 4
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
1	8/4/2014 8:43												1.30*
2	8/4/2014 9:30	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573										Negative	0.80
3	8/4/2014 9:32	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573										Positive	1.00
4	8/4/2014 9:34	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573										Positive	1.00
91	8/4/2014 14:14	Window	Wood	B	Poor	Gray	Interior	Attic		Bldg 4	NP	Null	8.90
92	8/4/2014 14:14	Window	Wood	B	Poor	Gray	Interior	Attic		Bldg 4	NP	Positive	11.40
93	8/4/2014 14:17	Window	Wood	C	Poor	Gray	Interior	Attic		Bldg 4	NP	Positive	3.10
94	8/4/2014 14:17	Window Frame	Wood	C	Poor	Gray	Interior	Attic		Bldg 4	NP	Positive	3.30
95	8/4/2014 14:17	Window Sill	Wood	C	Poor	Gray	Interior	Attic		Bldg 4	NP	Positive	4.40
96	8/4/2014 14:18	Window Apron	Wood	C	Poor	Gray	Interior	Attic		Bldg 4	NP	Positive	3.00
97	8/4/2014 14:19	Structural Steel	Metal	C	Peeling	Red	Interior	Attic		Bldg 4	NP	Positive	3.10
98	8/4/2014 14:20	Structural Steel	Metal	A	Peeling	Red	Interior	Attic		Bldg 4	NP	Positive	3.10
99	8/4/2014 14:20	Structural Steel	Metal	A	Peeling	Red	Interior	Attic		Bldg 4	NP	Positive	10.10
100	8/4/2014 14:30	Wall	Plaster	A	Intact	Beige	Interior	Mezzanine	201a	Bldg 4	NP	Positive	1.20
101	8/4/2014 14:30	Window	Wood	A	Intact	Beige	Interior	Mezzanine	201a	Bldg 4	NP	Positive	7.50
102	8/4/2014 14:31	Window Frame	Wood	A	Intact	Beige	Interior	Mezzanine	201a	Bldg 4	NP	Positive	4.80
103	8/4/2014 14:31	Window Sill	Wood	A	Intact	Beige	Interior	Mezzanine	201a	Bldg 4	NP	Positive	7.40
104	8/4/2014 14:31	Window Apron	Wood	A	Intact	Beige	Interior	Mezzanine	201a	Bldg 4	NP	Positive	6.30
105	8/4/2014 14:33	Door	Wood	A	Fair	Beige	Interior	Mezzanine	201	Bldg 4	NP	Positive	1.90
106	8/4/2014 14:33	Door Frame	Metal	A	Fair	Beige	Interior	Mezzanine	201	Bldg 4	NP	Positive	2.50
107	8/4/2014 14:34	Ladder	Metal	C	Fair	White	Interior	Mezzanine	Stairwell	Bldg 4	NP	Positive	7.50
108	8/4/2014 14:34	Ceiling Access Panel	Metal	C	Intact	White	Interior	Mezzanine	Stairwell	Bldg 4	NP	Positive	8.00
109	8/4/2014 14:35	Wall	Plaster	C	Intact	White	Interior	Mezzanine	Stairwell	Bldg 4	NP	Null	0.25
110	8/4/2014 14:36	Wall	Plaster	C	Intact	White	Interior	Mezzanine	Stairwell	Bldg 4	NP	Null	1.20
111	8/4/2014 14:38	Wall	Plaster	C	Intact	White	Interior	Mezzanine	Stairwell	Bldg 4	NP	Negative	0.50
112	8/4/2014 14:41	Ceiling	Plaster	A	Intact	White	Interior	Mezzanine	Stairwell	Bldg 4	NP	Negative	0.70
113	8/4/2014 14:42	Newel Post	Metal	B	Intact	White	Interior	Mezzanine	Stairwell	Bldg 4	NP	Positive	5.40
114	8/4/2014 14:43	Ballister	Metal	B	Intact	White	Interior	Mezzanine	Stairwell	Bldg 4	NP	Positive	3.70

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 4
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
115	8/4/2014 14:43	Stringer	Metal	B	Intact	White	Interior	Mezzanine	Stairwell	Bldg 4	NP	Positive	5.20
116	8/4/2014 14:44	Window	Wood	B	Cracked	White	Interior	Mezzanine	Stairwell	Bldg 4	NP	Positive	4.70
117	8/4/2014 14:44	Window Frame	Wood	B	Cracked	White	Interior	Mezzanine	Stairwell	Bldg 4	NP	Positive	5.90
118	8/4/2014 14:45	Window Sill	Wood	B	Fair	White	Interior	Mezzanine	Stairwell	Bldg 4	NP	Positive	6.10
119	8/4/2014 14:45	Window Apron	Wood	B	Fair	White	Interior	Mezzanine	Stairwell	Bldg 4	NP	Positive	5.90
120	8/4/2014 14:45	Baseboard	Wood	B	Fair	White	Interior	Mezzanine	Stairwell	Bldg 4	NP	Positive	4.10
121	8/4/2014 14:58	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90
122	8/4/2014 15:00	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
123	8/4/2014 15:01	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.10
124	8/5/2014 8:11												1.41*
125	8/5/2014 8:47	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90
126	8/5/2014 8:48	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90
127	8/5/2014 8:48	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.20
128	8/5/2014 8:59	Wall	Plaster	D	Cracked	Beige	Interior	First	108	Bldg 4	NP	Positive	6.30
129	8/5/2014 9:01	Ceiling	Plaster	D	Peeling	White	Interior	First	108	Bldg 4	NP	Null	0.50
130	8/5/2014 9:01	Ceiling	Plaster	D	Peeling	White	Interior	First	108	Bldg 4	NP	Null	0.40
131	8/5/2014 9:03	Ceiling	Plaster	D	Peeling	White	Interior	First	108	Bldg 4	NP	Negative	0.70
132	8/5/2014 9:06	Door	Wood	A	Intact	White	Interior	First	108	Bldg 4	NP	Negative	0.00
133	8/5/2014 9:06	Door Frame	Wood	A	Intact	White	Interior	First	108	Bldg 4	NP	Positive	5.00
134	8/5/2014 9:06	Transom	Wood	A	Intact	White	Interior	First	108	Bldg 4	NP	Positive	4.40
135	8/5/2014 9:07	Baseboard	Wood	B	Intact	White	Interior	First	108	Bldg 4	NP	Positive	4.80
136	8/5/2014 9:07	Radiator	Metal	D	Intact	Beige	Interior	First	108	Bldg 4	NP	Negative	0.15
137	8/5/2014 9:09	Door	Wood	A	Intact	White	Interior	First	101	Bldg 4	NP	Negative	0.14
138	8/5/2014 9:10	Door Frame	Wood	A	Intact	White	Interior	First	101	Bldg 4	NP	Positive	13.70
139	8/5/2014 9:10	Door Molding	Wood	A	Intact	White	Interior	First	101	Bldg 4	NP	Positive	12.30
140	8/5/2014 9:11	Window	Wood	B	Intact	White	Interior	First	101	Bldg 4	NP	Positive	15.90
141	8/5/2014 9:11	Window Frame	Wood	B	Intact	White	Interior	First	101	Bldg 4	NP	Positive	5.50
142	8/5/2014 9:12	Window Sill	Wood	B	Intact	White	Interior	First	101	Bldg 4	NP	Positive	13.50

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 4
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
143	8/5/2014 9:12	Window Apron	Wood	B	Intact	White	Interior	First	101	Bldg 4	NP	Positive	12.40
144	8/5/2014 9:12	Radiator Cover	Metal	B	Intact	White	Interior	First	101	Bldg 4	NP	Positive	9.20
145	8/5/2014 9:13	Wall Upper	Plaster	D	Cracked	Beige	Interior	First	101	Bldg 4	NP	Negative	0.00
146	8/5/2014 9:14	Wall Lower	Wood	D	Intact	White	Interior	First	101	Bldg 4	NP	Positive	12.40
147	8/5/2014 9:15	Chair Rail	Wood	D	Intact	White	Interior	First	101	Bldg 4	NP	Positive	19.30
148	8/5/2014 9:15	Baseboard	Wood	D	Intact	White	Interior	First	101	Bldg 4	NP	Positive	4.60
149	8/5/2014 9:16	Crown Molding	Wood	D	Intact	White	Interior	First	101	Bldg 4	NP	Positive	19.40
150	8/5/2014 9:16	Wall Trim	Wood	D	Intact	White	Interior	First	101	Bldg 4	NP	Positive	12.80
151	8/5/2014 9:17	Door	Wood	B	Intact	White	Interior	First	101	Bldg 4	NP	Negative	0.02
152	8/5/2014 9:17	Door Frame	Wood	B	Intact	White	Interior	First	101	Bldg 4	NP	Positive	11.50
153	8/5/2014 9:17	Stage	Wood	C	Intact	White	Interior	First	101	Bldg 4	NP	Positive	12.60
154	8/5/2014 9:18	Handrail	Metal	C	Intact	Black	Interior	First	101	Bldg 4	NP	Negative	0.20
155	8/5/2014 9:20	Stairs	Wood	C	Intact	White	Interior	First	101	Bldg 4	NP	Negative	0.00
156	8/5/2014 9:20	Stage Molding	Wood	C	Intact	White	Interior	First	101	Bldg 4	NP	Positive	8.50
157	8/5/2014 9:21	Wall	Plaster	C	Intact	Black	Interior	First	101A	Bldg 4	NP	Negative	0.01
158	8/5/2014 9:22	Door	Wood	C	Intact	Black	Interior	First	101A	Bldg 4	NP	Positive	2.40
159	8/5/2014 9:22	Door Frame	Wood	C	Intact	Black	Interior	First	101A	Bldg 4	NP	Positive	5.90
160	8/5/2014 9:22	Baseboard	Wood	C	Intact	Black	Interior	First	101A	Bldg 4	NP	Positive	6.90
161	8/5/2014 9:24	Window	Metal	C	Poor	White	Interior	First	101A	Bldg 4	NP	Positive	4.80
162	8/5/2014 9:26	Ladder	Metal	C	Fair	Silver	Interior	First	101A	Bldg 4	NP	Negative	0.00
163	8/5/2014 9:29	Ceiling	Plaster	C	Intact	Beige	Interior	First	102	Bldg 4	NP	Negative	0.70
164	8/5/2014 9:32	Spiral Stair	Metal	D	Cracked	Gray	Interior	First	102	Bldg 4	NP	Positive	3.50
165	8/5/2014 9:33	Spiral Stair Handrail	Metal	D	Cracked	Gray	Interior	First	102	Bldg 4	NP	Positive	9.50
166	8/5/2014 9:34	Door	Wood	A	Poor	White	Interior	First	102	Bldg 4	NP	Negative	0.25
167	8/5/2014 9:35	Door Frame	Wood	A	Poor	White	Interior	First	102	Bldg 4	NP	Negative	0.40
168	8/5/2014 9:38	Window	Wood	D	Intact	White	Interior	First	Stairwell 106	Bldg 4	NP	Positive	1.90
169	8/5/2014 9:39	Window Frame	Wood	D	Intact	White	Interior	First	Stairwell 106	Bldg 4	NP	Positive	1.30
170	8/5/2014 9:39	Window Sill	Wood	D	Intact	White	Interior	First	Stairwell 106	Bldg 4	NP	Positive	2.50

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 4
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
171	8/5/2014 9:39	Window Apron	Wood	D	Intact	White	Interior	First	Stairwell 106	Bldg 4	NP	Positive	1.50
172	8/5/2014 9:40	Wall	Plaster	D	Intact	White	Interior	First	Stairwell 106	Bldg 4	NP	Positive	10.30
173	8/5/2014 9:40	Stringer	Metal	D	Intact	White	Interior	First	Stairwell 106	Bldg 4	NP	Negative	0.00
174	8/5/2014 9:41	Newel Post	Metal	B	Intact	White	Interior	First	Stairwell 106	Bldg 4	NP	Negative	0.00
175	8/5/2014 9:42	Ballister	Metal	B	Intact	White	Interior	First	Stairwell 106	Bldg 4	NP	Negative	0.00
176	8/5/2014 9:48	Wall	Gypsum Board	A	Intact	Beige	Interior	Ground	12	Bldg 4	NP	Negative	0.00
177	8/5/2014 9:50	Door	Metal	D	Intact	Brown	Interior	Ground	12	Bldg 4	NP	Negative	0.00
178	8/5/2014 9:50	Door Frame	Metal	D	Intact	Brown	Interior	Ground	12	Bldg 4	NP	Negative	0.01
179	8/5/2014 9:57	Wall	Gypsum Board	A	Intact	White	Interior	Ground	2a	Bldg 4	NP	Negative	0.00
180	8/5/2014 9:58	Door Frame	Metal	D	Intact	Gray	Interior	Ground	2a	Bldg 4	NP	Negative	0.00
181	8/5/2014 9:59	Wall	Gypsum Board	D	Intact	White	Interior	Ground	2h	Bldg 4	NP	Negative	0.01
182	8/5/2014 9:59	Door Frame	Metal	B	Intact	Gray	Interior	Ground	2h	Bldg 4	NP	Negative	0.00
183	8/5/2014 10:01	Wall	Gypsum Board	C	Intact	White	Interior	Ground	2	Bldg 4	NP	Negative	0.00
184	8/5/2014 10:02	Door Frame	Metal	C	Intact	Gray	Interior	Ground	2	Bldg 4	NP	Negative	0.01
185	8/5/2014 10:02	Window	Wood	B	Intact	White	Interior	Ground	2c	Bldg 4	NP	Positive	7.50
186	8/5/2014 10:03	Window Frame	Wood	B	Intact	White	Interior	Ground	2c	Bldg 4	NP	Positive	5.50
187	8/5/2014 10:09	Wall	Gypsum Board	A	Intact	Beige	Interior	Ground	7	Bldg 4	NP	Null	0.00
188	8/5/2014 10:10	Wall	Gypsum Board	A	Intact	Beige	Interior	Ground	7	Bldg 4	NP	Negative	0.00
189	8/5/2014 10:11	Wall	Gypsum Board	D	Intact	Beige	Interior	Ground	7a	Bldg 4	NP	Negative	0.00
190	8/5/2014 10:12	Wall	Gypsum Board	A	Intact	Beige	Interior	Ground	7f	Bldg 4	NP	Negative	0.00
191	8/5/2014 10:13	Window	Wood	B	Intact	Beige	Interior	Ground	7f	Bldg 4	NP	Positive	18.40
192	8/5/2014 10:13	Window Frame	Wood	B	Intact	Beige	Interior	Ground	7f	Bldg 4	NP	Positive	5.80
193	8/5/2014 10:13	Door Frame	Metal	D	Intact	Black	Interior	Ground	7f	Bldg 4	NP	Negative	0.00
194	8/5/2014 10:17	Door Frame	Metal	B	Intact	Black	Interior	Ground	7b	Bldg 4	NP	Negative	0.00
195	8/5/2014 10:23	Door	Wood	A	Intact	White	Exterior			Bldg 4	NP	Negative	0.00
196	8/5/2014 10:23	Door Frame	Wood	A	Cracked	White	Exterior			Bldg 4	NP	Positive	29.60
197	8/5/2014 10:24	Window	Wood	A	Cracked	White	Exterior			Bldg 4	NP	Positive	17.80
198	8/5/2014 10:25	Window Frame	Wood	A	Cracked	White	Exterior			Bldg 4	NP	Positive	31.10

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 4
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
199	8/5/2014 10:25	Window Sill	Wood	A	Cracked	White	Exterior			Bldg 4	NP	Positive	29.10
200	8/5/2014 10:26	Ceiling	Wood		Poor	White	Exterior			Bldg 4	NP	Positive	38.90
201	8/5/2014 10:27	Pipe	Metal	A	Poor	White	Exterior			Bldg 4	NP	Negative	0.19
202	8/5/2014 10:27	Handrail	Metal	A	Poor	Black	Exterior			Bldg 4	NP	Negative	0.19
203	8/5/2014 10:28	Handrail	Metal	A	Poor	Black	Exterior			Bldg 4	NP	Null	1.40
204	8/5/2014 10:28	Handrail	Metal	A	Poor	Black	Exterior			Bldg 4	NP	Positive	3.60
205	8/5/2014 10:30	Handrail	Metal	B	Poor	Black	Exterior			Bldg 4	NP	Negative	0.04
206	8/5/2014 10:31	Handrail	Metal	B	Poor	Black	Exterior			Bldg 4	NP	Positive	10.10
207	8/5/2014 10:31	Archway	Metal	B	Poor	Black	Exterior			Bldg 4	NP	Negative	0.07
208	8/5/2014 10:32	Archway	Metal	B	Poor	Black	Exterior			Bldg 4	NP	Null	0.08
209	8/5/2014 10:32	Archway	Metal	B	Poor	Black	Exterior			Bldg 4	NP	Negative	0.08
210	8/5/2014 10:33	Door	Wood	D	Poor	White	Exterior			Bldg 4	NP	Negative	0.10
211	8/5/2014 10:33	Door Frame	Wood	D	Poor	White	Exterior			Bldg 4	NP	Positive	6.20
212	8/5/2014 10:34	Transom	Wood	D	Poor	White	Exterior			Bldg 4	NP	Positive	41.40
213	8/5/2014 10:34	Window	Wood	D	Poor	White	Exterior			Bldg 4	NP	Positive	32.40
214	8/5/2014 10:35	Window Frame	Wood	D	Poor	White	Exterior			Bldg 4	NP	Positive	2.10
215	8/5/2014 10:35	Window Sill	Wood	D	Poor	White	Exterior			Bldg 4	NP	Positive	2.10
216	8/5/2014 10:39	Archway	Metal	C	Poor	Black	Exterior			Bldg 4	NP	Negative	0.12
217	8/5/2014 10:40	Wall	Brick	C	Poor	White	Interior		Mechanical	Bldg 4	NP	Positive	10.80
218	8/5/2014 10:41	Wall	Brick	A	Intact	White	Interior		Mechanical	Bldg 4	NP	Negative	0.11
219	8/5/2014 10:42	Ceiling	Concrete	A	Poor	White	Interior		Mechanical	Bldg 4	NP	Negative	0.00
220	8/5/2014 10:42	Floor	Concrete	A	Poor	Gray	Interior		Mechanical	Bldg 4	NP	Negative	0.40
351	8/5/2014 15:10	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90
352	8/5/2014 15:10	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.20
353	8/5/2014 15:11	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.10

* = Reading numbers 1 and 124 are internal diagnostic readings that do not represent lead content on any items.

Null = Incomplete test due to instrument movement or early trigger release.

Reading numbers 5 - 90 from 8/4/14, and 221 - 350 from 8/5/15 apply to Buildings 41 and 3, respectively. Please see corresponding building tables for this data.

ACTION LEVEL = 1.00 mg/cm^2

APPENDIX D-2
XRF Testing Location Plans

SIDE "D"

SIDE "C"

SIDE "A"



SIDE "B"

NOT TO SCALE

BUILDING 4 – GROUND LEVEL

XRF # ——— XRF TEST NUMBER
BUILDING COMPONENT ——— BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) ——— RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 1: BUILDING 4 – GROUND LEVEL

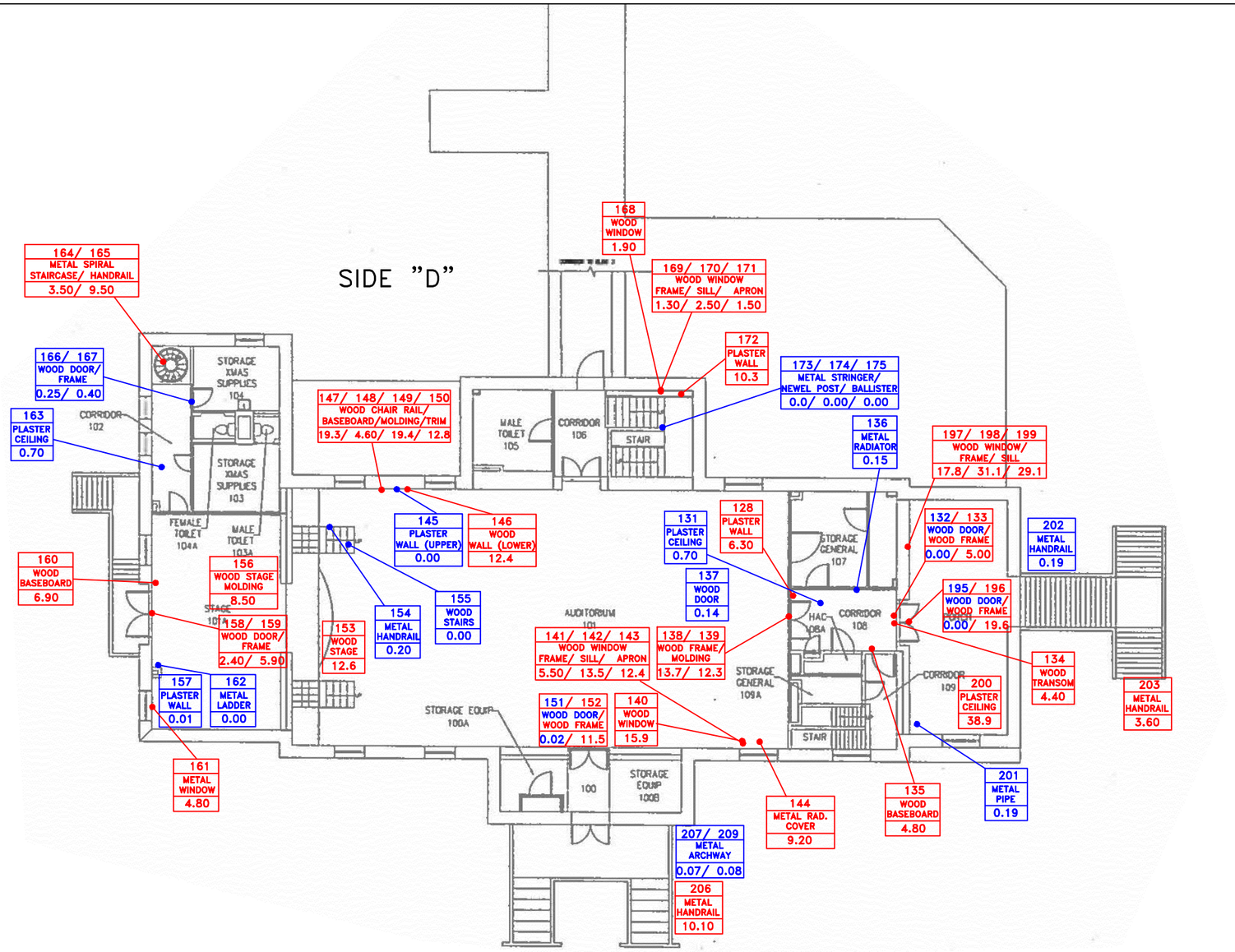
Safety Environmental Laboratories and Consulting, Inc.
989 Yeager Parkway
Pelham, AL 35124
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PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

BUILDING 4
GROUND LEVEL
SHEET 1 OF 3



NOT TO SCALE

BUILDING 4 – FIRST FLOOR

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 2: BUILDING 4 – FIRST FLOOR

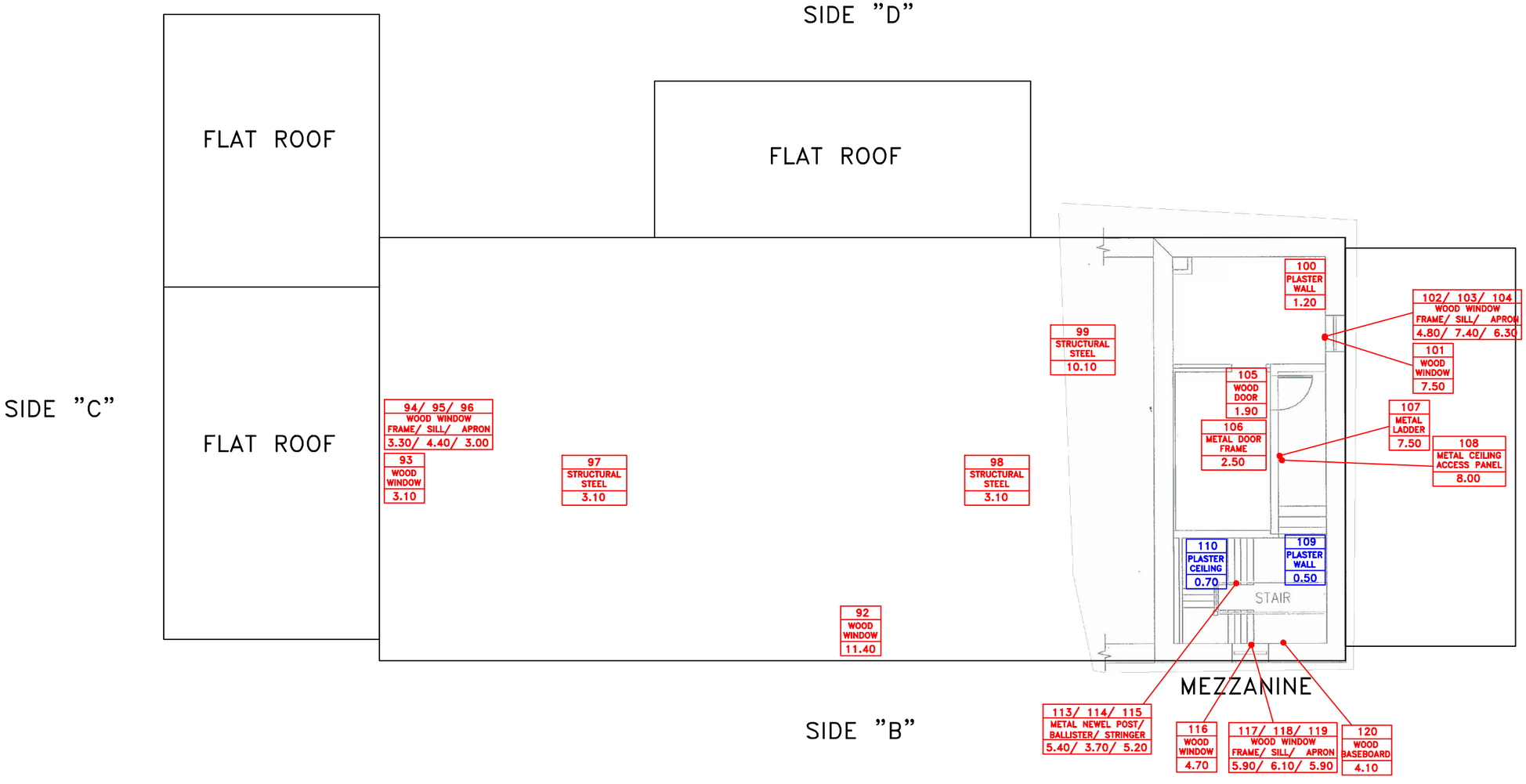
Safety Environmental Laboratories and Consulting, Inc.
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PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

BUILDING 4
FIRST FLOOR
SHEET 2 OF 3



NOT TO SCALE

BUILDING 4 – MEZZANINE AND ATTIC

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 3: BUILDING 4 – MEZZANINE AND ATTIC

Safety Environmental Laboratories and Consulting, Inc.
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989 Yeager Parkway
Pelham, AL 35124
(205) 823-6200 fax (205) 823-9066

PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

BUILDING 4
MEZZANINE & ATTIC
SHEET 3 OF 3

APPENDIX D-3
Photographic Documentation

Building 4
Photographic Documentation



Photograph 1
Damaged LBP on wooden window and window components in attic – typical.



Photograph 2
Cracked LBP on metal window – typical.



Photograph 3
Damaged LBP on metal windows on first floor.



Photograph 4
Cracked LBP on metal spiral staircase.

Building 4
Photographic Documentation



Photograph 5
Damaged (cracked) LBP on wooden window and window components (exterior) – typical.



Photograph 6
LBP on wooden porch ceiling.



Photograph 7
LBP on metal handrails – typical.



Photograph 8
LBP on metal handrails – typical.

Building 4
Photographic Documentation



Photograph 9
Damaged LBP on wooden door frame and transom (front) – typical.



Photograph 10
Damaged LBP on wood columns (pilasters) on front entrance.



Photograph 11
Peeling LBP on brick wall at entrance to Mechanical Room 9.



Photograph 12
Cracked LBP on Wooden door frame and transom (back) – typical. Brick wall in background.

APPENDIX E

BUILDING 5
OFFICE BUILDING



INCLUDED IN APPENDIX E:

E-1 – XRF Testing Data Sheets

E-2 – XRF Testing Location Plans

E-3 – Photographic Documentation

APPENDIX E-1
XRF Testing Data Sheets

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 5
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
1	7/22/2014 12:48												1.53*
2	7/22/2014 12:52	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90
3	7/22/2014 12:54	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
4	7/22/2014 12:56	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
5	7/22/2014 13:10	Handrail	Metal	B	Intact	Black	Interior	Second	Stairwell 224B	Bldg 5	NP	Negative	0.00
6	7/22/2014 13:10	Stringer	Metal	B	Intact	Black	Interior	Second	Stairwell 224B	Bldg 5	NP	Negative	0.03
7	7/22/2014 13:11	Riser	Metal	B	Intact	Black	Interior	Second	Stairwell 224B	Bldg 5	NP	Negative	0.01
8	7/22/2014 13:11	Wall	CMU	B	Intact	Beige	Interior	Second	Stairwell 224B	Bldg 5	NP	Negative	0.00
9	7/22/2014 13:12	Wall	Gypsum Board	A	Intact	Beige	Interior	Second	Stairwell 224B	Bldg 5	NP	Negative	0.01
10	7/22/2014 13:12	Door	Metal	D	Intact	Black	Interior	Second	Stairwell 224B	Bldg 5	NP	Negative	0.06
11	7/22/2014 13:13	Door Frame	Metal	D	Intact	Black	Interior	Second	Stairwell 224B	Bldg 5	NP	Negative	0.05
12	7/22/2014 13:14	Elevator Door	Metal	C	Intact	Black	Interior	Second	224	Bldg 5	NP	Negative	0.00
13	7/22/2014 13:14	Elevator Door Frame	Metal	C	Intact	Black	Interior	Second	224	Bldg 5	NP	Negative	0.00
14	7/22/2014 13:15	Wall	Plaster	B	Intact	Beige	Interior	Second	224	Bldg 5	NP	Negative	0.02
15	7/22/2014 13:16	Cove Base	Plaster	B	Intact	Black	Interior	Second	224	Bldg 5	NP	Negative	0.00
16	7/22/2014 13:17	Door Frame	Metal	A	Intact	Black	Interior	Second	224	Bldg 5	NP	Negative	0.00
17	7/22/2014 13:19	Door Frame	Wood	B	Intact	Black	Interior	Second	Corridor 235	Bldg 5	NP	Negative	0.00
18	7/22/2014 13:20	Door	Metal	B	Intact	Black	Interior	Second	Corridor 235	Bldg 5	NP	Negative	0.00

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 5
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
19	7/22/2014 13:20	Step	Concrete	B	Intact	Black	Interior	Second	Corridor 235	Bldg 5	NP	Negative	0.06
20	7/22/2014 13:21	Radiator	Metal	C	Intact	Cream	Interior	Second	Corridor 235	Bldg 5	NP	Negative	0.01
21	7/22/2014 13:24	Handrail	Wood	B	Poor	White	Exterior	Second	Porch	Bldg 5	NP	Negative	0.00
22	7/22/2014 13:25	Newel Post	Wood	B	Poor	White	Exterior	Second	Porch	Bldg 5	NP	Negative	0.00
23	7/22/2014 13:26	Ballister	Wood	B	Poor	White	Exterior	Second	Porch	Bldg 5	NP	Negative	0.00
24	7/22/2014 13:27	Window Lintel	Metal	D	Intact	White	Exterior	Second	Porch	Bldg 5	NP	Negative	0.60
25	7/22/2014 13:28	Fascia	Wood	B	Cracked	White	Exterior	Second	Porch	Bldg 5	NP	Negative	0.02
26	7/22/2014 13:28	Soffit	Wood	B	Cracked	White	Exterior	Second	Porch	Bldg 5	NP	Negative	0.19
27	7/22/2014 13:33	Door Frame	Metal	A	Intact	Black	Interior	Second	208	Bldg 5	NP	Positive	2.00
28	7/22/2014 13:34	Window	Wood	C	Intact	White	Interior	Second	208	Bldg 5	NP	Negative	0.00
29	7/22/2014 13:34	Window Frame	Wood	C	Intact	White	Interior	Second	208	Bldg 5	NP	Positive	4.40
30	7/22/2014 13:34	Window Screen Frame	Wood	C	Intact	White	Interior	Second	208	Bldg 5	NP	Negative	0.07
31	7/22/2014 13:35	Radiator	Metal	C	Intact	White	Interior	Second	208	Bldg 5	NP	Negative	0.01
32	7/22/2014 13:43	Ceiling	Plaster	C	Cracked	Beige	Interior	Second	Corridor 235	Bldg 5	NP	Negative	0.16
33	7/22/2014 13:46	Fire Ext. Cab. Door	Metal	C	Intact	Red	Interior	Second	Corridor 235	Bldg 5	NP	Negative	0.00
34	7/22/2014 13:47	Fire Ext. Cab. Door Frame	Metal	C	Intact	Beige	Interior	Second	Corridor 235	Bldg 5	NP	Negative	0.01
35	7/22/2014 13:50	Wall	Gypsum Board	C	Intact	Beige	Interior	Second	218	Bldg 5	NP	Negative	0.00
36	7/22/2014 13:50	Cove Base	Plaster	A	Intact	Black	Interior	Second	218	Bldg 5	NP	Null	0.90
37	7/22/2014 13:51	Cove Base	Plaster	A	Intact	Black	Interior	Second	218	Bldg 5	NP	Positive	2.10
38	7/22/2014 13:53	Newel Post	Wood	A	Intact	Black	Interior	Second	Stairwell 212	Bldg 5	NP	Positive	3.10

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 5
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
39	7/22/2014 13:54	Stringer	Metal	A	Intact	Black	Interior	Second	Stairwell 212	Bldg 5	NP	Positive	5.60
40	7/22/2014 13:54	Riser	Metal	A	Intact	Black	Interior	Second	Stairwell 212	Bldg 5	NP	Positive	5.60
41	7/22/2014 13:55	Ballister	Metal	A	Intact	Black	Interior	Second	Stairwell 212	Bldg 5	NP	Null	1.20
42	7/22/2014 13:55	Ballister	Metal	A	Intact	Black	Interior	Second	Stairwell 212	Bldg 5	NP	Positive	3.60
43	7/22/2014 13:56	Wall	Plaster	C	Intact	Beige	Interior	Second	Stairwell 212	Bldg 5	NP	Negative	0.00
44	7/22/2014 13:56	Window	Wood	C	Intact	Beige	Interior	Second	Stairwell 212	Bldg 5	NP	Negative	0.00
45	7/22/2014 13:57	Window Frame	Wood	C	Intact	White	Interior	Second	Stairwell 212	Bldg 5	NP	Positive	7.40
46	7/22/2014 13:57	Window Sill	Wood	C	Intact	White	Interior	Second	Stairwell 212	Bldg 5	NP	Positive	7.40
47	7/22/2014 13:58	Window Apron	Wood	C	Intact	White	Interior	Second	Stairwell 212	Bldg 5	NP	Positive	10.50
48	7/22/2014 14:02	Stall Divider	Wood	C	Intact	Black	Interior	Second	220	Bldg 5	NP	Positive	2.10
49	7/22/2014 14:03	Stall Door	Wood	C	Intact	Black	Interior	Second	220	Bldg 5	NP	Positive	1.60
50	7/22/2014 14:08	Ceiling	Plaster	C	Intact	White	Interior	Second	220	Bldg 5	NP	Negative	0.16
51	7/22/2014 14:21	Ceiling	Plaster	B	Intact	White	Interior	First	Lobby 135	Bldg 5	NP	Positive	3.70
52	7/22/2014 14:21	Wall	Gypsum Board	B	Intact	Gray	Interior	First	Lobby 135	Bldg 5	NP	Negative	0.00
53	7/22/2014 14:22	Door	Metal	A	Intact	Black	Interior	First	Lobby 135	Bldg 5	NP	Negative	0.00
54	7/22/2014 14:22	Door Frame	Wood	A	Intact	Black	Interior	First	Lobby 135	Bldg 5	NP	Positive	8.10
55	7/22/2014 14:24	Transom	Wood	A	Intact	Black	Interior	First	Lobby 135	Bldg 5	NP	Positive	12.50
56	7/22/2014 14:25	Door Frame	Metal	B	Intact	Black	Interior	First	Lobby 135	Bldg 5	NP	Negative	0.00
57	7/22/2014 14:26	Window	Wood	A	Intact	White	Interior	First	128	Bldg 5	NP	Negative	0.00

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 5
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
58	7/22/2014 14:26	Window Frame	Wood	A	Intact	White	Interior	First	128	Bldg 5	NP	Positive	9.80
59	7/22/2014 14:27	Window Sill	Wood	A	Intact	White	Interior	First	128	Bldg 5	NP	Positive	7.40
60	7/22/2014 14:27	Window Apron	Wood	A	Intact	White	Interior	First	128	Bldg 5	NP	Positive	8.30
61	7/22/2014 14:28	Radiator	Metal	A	Intact	Tan	Interior	First	128	Bldg 5	NP	Negative	0.09
62	7/22/2014 14:30	Door	Metal	A	Intact	White	Exterior	First	Porch	Bldg 5	NP	Negative	0.00
63	7/22/2014 14:31	Door Frame	Wood	A	Intact	White	Exterior	First	Porch	Bldg 5	NP	Positive	1.70
64	7/22/2014 14:31	Transom	Wood	A	Intact	White	Exterior	First	Porch	Bldg 5	NP	Positive	1.50
65	7/22/2014 14:32	Column Square	Wood	A	Intact	White	Exterior	First	Porch	Bldg 5	NP	Positive	2.20
66	7/22/2014 14:33	Column Round	Wood	A	Intact	White	Exterior	First	Porch	Bldg 5	NP	Negative	0.00
67	7/22/2014 14:33	Step	Concrete	A	Cracked	Gray	Exterior	First	Porch	Bldg 5	NP	Negative	0.16
68	7/22/2014 14:34	Handrail	Metal	A	Intact	Black	Exterior	First	Porch	Bldg 5	NP	Negative	0.00
69	7/22/2014 14:35	Handrail	Metal	A	Poor	Black	Exterior	First	Porch	Bldg 5	NP	Negative	0.14
70	7/22/2014 14:36	Downspout Base	Metal	A	Poor	Black	Exterior	First	Porch	Bldg 5	NP	Negative	0.19
71	7/22/2014 14:38	Ceiling	Wood	A	Intact	White	Exterior	First	Porch	Bldg 5	NP	Negative	0.00
72	7/22/2014 14:42	Fire Ext. Cab. Door	Metal	C	Intact	Red	Interior	First	Corridor 140	Bldg 5	NP	Negative	0.05
73	7/22/2014 14:43	Fire Ext. Cab. Door Frame	Metal	C	Intact	Red	Interior	First	Corridor 140	Bldg 5	NP	Negative	0.05
74	7/22/2014 14:44	Cove Base	Plaster	C	Intact	Black	Interior	First	Corridor 150	Bldg 5	NP	Negative	0.08
75	7/22/2014 14:45	Door Frame	Metal	A	Intact	Black	Interior	First	116	Bldg 5	NP	Positive	2.40
76	7/22/2014 14:45	Window	Wood	C	Intact	White	Interior	First	116	Bldg 5	NP	Negative	0.00
77	7/22/2014 14:46	Window Frame	Wood	C	Intact	White	Interior	First	116	Bldg 5	NP	Positive	3.70
78	7/22/2014 14:46	Window Sill	Wood	C	Intact	White	Interior	First	116	Bldg 5	NP	Positive	3.70
79	7/22/2014 14:47	Window Apron	Wood	C	Intact	White	Interior	First	116	Bldg 5	NP	Positive	5.30
80	7/22/2014 14:49	Wall	Plaster	B	Intact	Beige	Interior	First	123	Bldg 5	NP	Negative	0.07
81	7/22/2014 14:49	Ceiling	Plaster	B	Intact	Beige	Interior	First	123	Bldg 5	NP	Negative	0.07
82	7/22/2014 14:52	Stall Divider	Metal	C	Intact	Black	Interior	First	124	Bldg 5	NP	Positive	2.00

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 5
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
83	7/22/2014 14:52	Stall Door	Metal	C	Intact	Black	Interior	First	124	Bldg 5	NP	Positive	1.60
84	7/22/2014 14:53	Door Frame	Metal	A	Intact	Black	Interior	First	124	Bldg 5	NP	Positive	4.20
85	7/22/2014 14:55	Door Frame	Metal	B	Intact	White	Exterior	First	Porch	Bldg 5	NP	Negative	0.00
86	7/22/2014 14:55	Door	Metal	B	Intact	White	Exterior	First	Porch	Bldg 5	NP	Negative	0.00
87	7/22/2014 14:56	Floor	Concrete		Poor	Gray	Exterior	First	Porch	Bldg 5	NP	Negative	0.09
88	7/22/2014 14:56	Handrail	Metal	D	Poor	Black	Exterior	First	Porch	Bldg 5	NP	Negative	0.01
89	7/22/2014 14:57	Column Round	Wood	B	Intact	White	Exterior	First	Porch	Bldg 5	NP	Negative	0.00
90	7/22/2014 14:58	Column Square	Wood	B	Intact	White	Exterior	First	Porch	Bldg 5	NP	Positive	5.60
91	7/22/2014 14:59	Ceiling	Wood		Intact	White	Exterior	First	Porch	Bldg 5	NP	Negative	0.00
92	7/22/2014 15:04	Window Lintel	Metal	B	Intact	White	Exterior	First	Porch	Bldg 5	NP	Null	1.10
93	7/22/2014 15:04	Window Lintel	Metal	B	Intact	White	Exterior	First	Porch	Bldg 5	NP	Negative	0.80
94	7/22/2014 15:05	Window Lintel	Metal	B	Intact	White	Exterior	First	Porch	Bldg 5	NP	Null	1.20
95	7/22/2014 15:05	Window Lintel	Metal	B	Intact	White	Exterior	First	Porch	Bldg 5	NP	Null	1.00
96	7/22/2014 15:05	Window Lintel	Metal	B	Intact	White	Exterior	First	Porch	Bldg 5	NP	Null	1.20
97	7/22/2014 15:06	Window Lintel	Metal	B	Intact	White	Exterior	First	Porch	Bldg 5	NP	Null	1.00
98	7/22/2014 15:07	Window Lintel	Metal	B	Intact	White	Exterior	First	Porch	Bldg 5	NP	Null	1.00
99	7/22/2014 15:10	Column	Wood	C	Poor	White	Exterior	First	Porch	Bldg 5	NP	Positive	17.90
100	7/22/2014 15:11	Door	Wood	C	Poor	White	Exterior	Basement		Bldg 5	NP	Negative	0.00
101	7/22/2014 15:11	Door Frame	Wood	C	Poor	White	Exterior	Basement		Bldg 5	NP	Negative	0.00
102	7/22/2014 15:12	Door Molding	Wood	C	Poor	White	Exterior	Basement		Bldg 5	NP	Positive	26.50
103	7/22/2014 15:19	Wall	Plaster	B	Intact	White	Interior	Basement	11	Bldg 5	NP	Negative	-0.01
104	7/22/2014 15:20	Wall	Plaster	B	Intact	White	Interior	Basement	11	Bldg 5	NP	Negative	0.12
105	7/22/2014 15:22	Fire Ext. Cab. Door	Metal	C	Intact	Red	Interior	Basement	11	Bldg 5	NP	Negative	0.20
106	7/22/2014 15:22	Fire Ext. Cab. Door Frame	Metal	C	Intact	Red	Interior	Basement	11	Bldg 5	NP	Positive	2.80
107	7/22/2014 15:24	Wall	Gypsum Board	C	Intact	Beige	Interior	Basement	Corridor	Bldg 5	NP	Negative	0.00
108	7/22/2014 15:25	Door Frame	Metal	A	Intact	Black	Interior	Basement	3	Bldg 5	NP	Negative	0.00

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 5
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
109	7/22/2014 15:28	Wall	CMU	A	Intact	Beige	Interior	Basement	13	Bldg 5	NP	Negative	0.00
110	7/22/2014 15:28	Wall	Brick	B	Intact	Beige	Interior	Basement	13	Bldg 5	NP	Negative	0.00
111	7/22/2014 15:29	Window	Wood	C	Intact	White	Interior	Basement	1B	Bldg 5	NP	Negative	0.00
112	7/22/2014 15:30	Window Frame	Wood	C	Intact	White	Interior	Basement	1B	Bldg 5	NP	Positive	5.80
113	7/22/2014 15:30	Window Sill	Wood	C	Intact	White	Interior	Basement	1B	Bldg 5	NP	Negative	0.01
114	7/22/2014 15:31	Window Apron	Wood	C	Intact	White	Interior	Basement	1B	Bldg 5	NP	Negative	0.00
115	7/22/2014 15:36	Ceiling	Concrete	A	Intact	White	Interior	Basement	6	Bldg 5	NP	Null	0.80
116	7/22/2014 15:37	Ceiling	Concrete	A	Intact	White	Interior	Basement	6	Bldg 5	NP	Negative	0.28
117	7/22/2014 15:41	Door	Wood	A	Intact	Black	Interior	Basement	11	Bldg 5	NP	Negative	0.80
118	7/22/2014 15:41	Door Frame	Metal	A	Intact	Black	Interior	Basement	11	Bldg 5	NP	Positive	9.40
119	7/22/2014 15:43	Wall	Concrete	A	Intact	White	Interior	Basement	Mechanical 5	Bldg 5	NP	Negative	0.13
120	7/22/2014 15:44	Wall	Brick	B	Intact	White	Interior	Basement	Mechanical 5	Bldg 5	NP	Negative	0.07
121	7/22/2014 15:45	Door	Metal	C	Intact	Gray	Interior	Basement	Mechanical 5	Bldg 5	NP	Positive	2.90
122	7/22/2014 15:45	Door Frame	Metal	C	Intact	Gray	Interior	Basement	Mechanical 5	Bldg 5	NP	Positive	4.60
123	7/22/2014 15:55	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.10
124	7/22/2014 15:57	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
125	7/22/2014 15:59	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00

* = Reading number 1 is an internal diagnostic reading that does not represent lead content on any items.

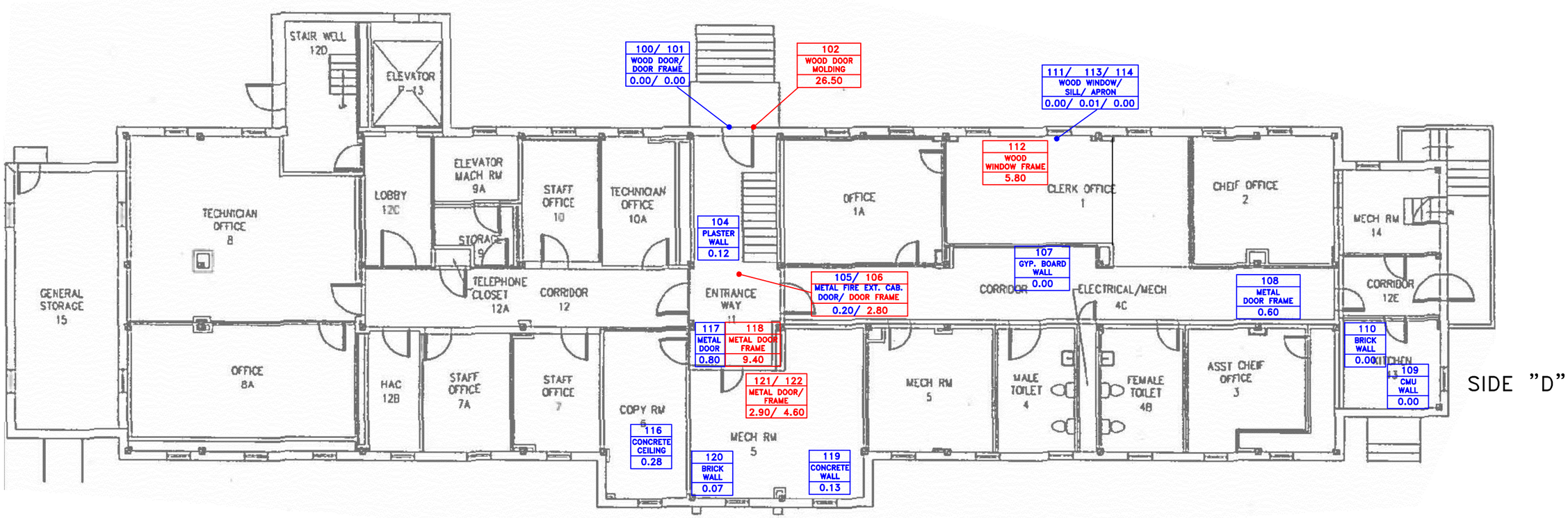
Null = Incomplete test due to instrument movement or early trigger release.

ACTION LEVEL = 1.00 mg/cm^2

APPENDIX E-2
XRF Testing Location Plans

SIDE "C"

SIDE "B"



SIDE "D"

SIDE "A"

NOT TO SCALE

BUILDING 5 – BASEMENT

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 1: BUILDING 5 – BASEMENT

Safety Environmental Laboratories and Consulting, Inc.
SELC
989 Yeager Parkway
Pelham, AL 35124
(205) 823-6200 fax (205) 823-9066

PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

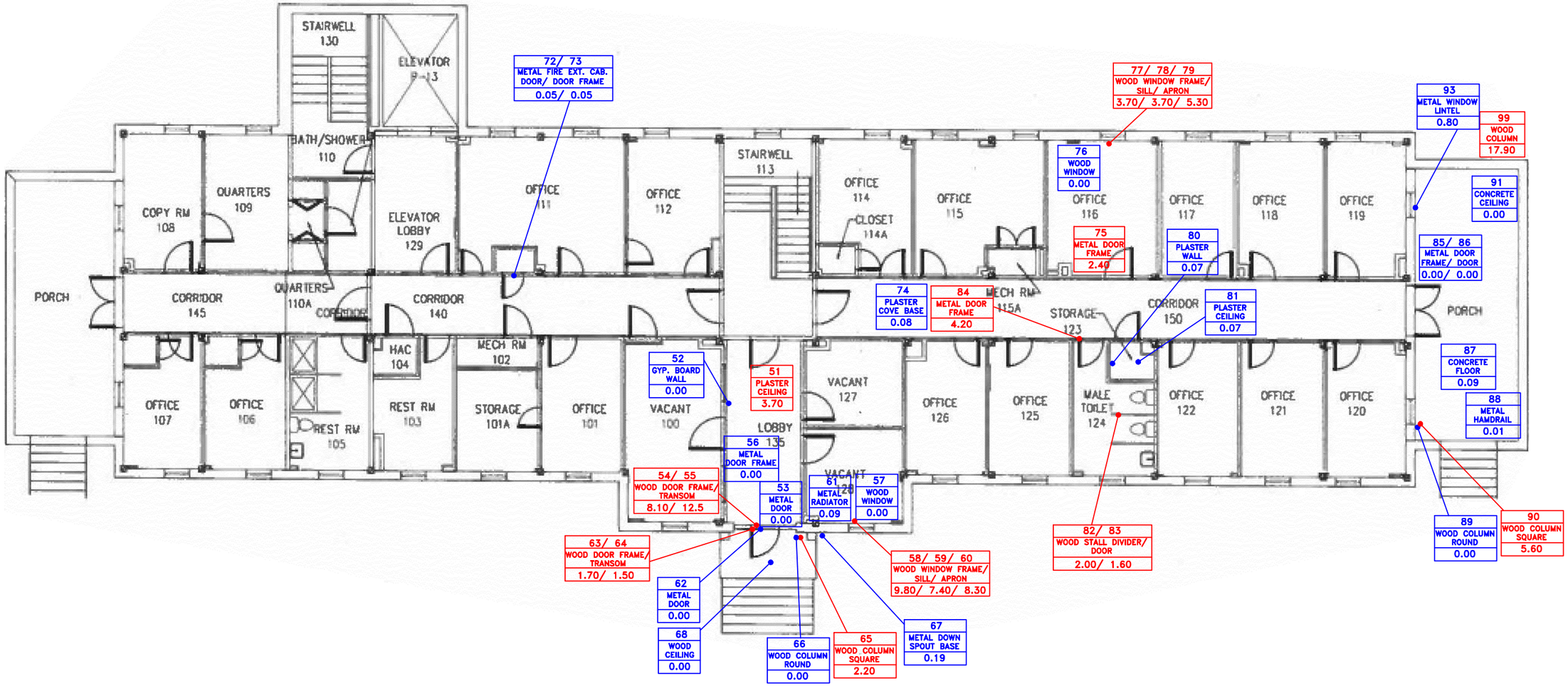
SELC PROJECT NO.: 2014-1107

BUILDING 5
BASEMENT
SHEET 1 OF 3

SIDE "C"

SIDE "B"

SIDE "D"



SIDE "A"

NOT TO SCALE

BUILDING 5 – FIRST FLOOR

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 2: BUILDING 5 – FIRST FLOOR

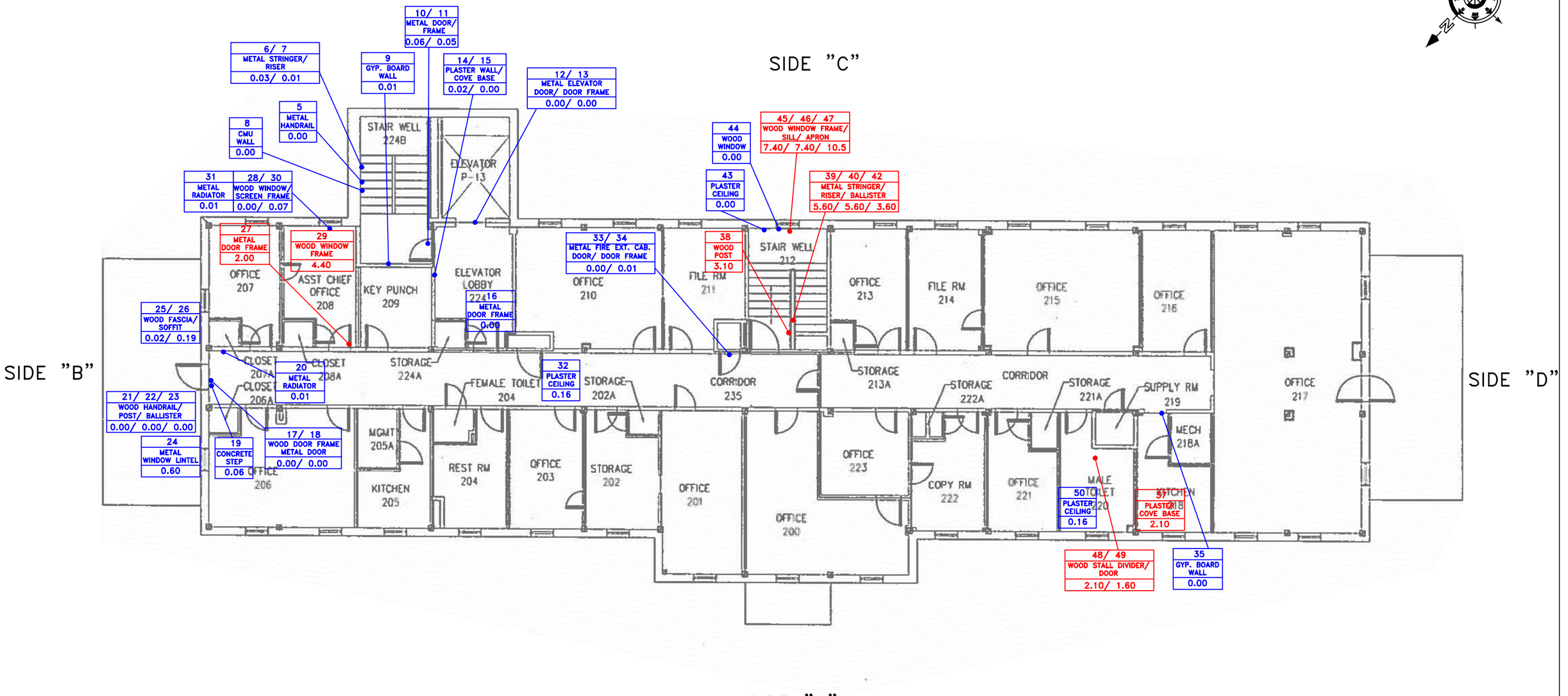
Safety Environmental Laboratories and Consulting, Inc.
SELC
989 Yeager Parkway
Pelham, AL 35124
(205) 823-6200 fax (205) 823-9066

PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

BUILDING 5
FIRST FLOOR
SHEET 2 OF 3



NOT TO SCALE

BUILDING 5 – SECOND FLOOR

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 3: BUILDING 5 – SECOND FLOOR

Safety Environmental Laboratories and Consulting, Inc.
SELC
989 Yeager Parkway
Pelham, AL 35124
(205) 823-6200 fax (205) 823-9066

PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

BUILDING 5
SECOND FLOOR
SHEET 3 OF 3

APPENDIX E-3
Photographic Documentation

Building 5
Photographic Documentation



Photograph 1
Cracked and peeling LBP on wood column/pilaster.



Photograph 2
Damaged LBP on wood door molding.



Photograph 3
Small areas of damaged LBP on porch ceiling.



Photograph 4
Localized area of damaged LBP on wood exterior components.

APPENDIX F

BUILDING 6
FORMER VISN OFFICE BUILDING



INCLUDED IN APPENDIX F:

F-1 – XRF Testing Data Sheets

F-2 – XRF Testing Location Plans

F-3 – Photographic Documentation

APPENDIX F-1
XRF Testing Data Sheets

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 6
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
1	7/23/2014 8:20												1.37*
2	7/23/2014 8:40	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.20
3	7/23/2014 8:42	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
4	7/23/2014 8:42	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90
5	7/23/2014 8:44	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
123	7/23/2014 12:59	Wall	Wood	B	Poor	White	Interior	Attic A	Attic	Bldg 6	NP	Negative	0.00
124	7/23/2014 12:59	Window	Wood	A	Intact	White	Interior	Attic A	Attic	Bldg 6	NP	Positive	8.80
125	7/23/2014 13:00	Window Frame	Wood	A	Intact	White	Interior	Attic A	Attic	Bldg 6	NP	Positive	1.90
126	7/23/2014 13:00	Window Sill	Wood	A	Intact	White	Interior	Attic A	Attic	Bldg 6	NP	Negative	0.10
127	7/23/2014 13:01	Window Sill	Wood	A	Poor	White	Exterior	Attic A	Attic	Bldg 6	NP	Positive	3.80
128	7/23/2014 13:02	Window Frame	Wood	A	Poor	White	Exterior	Attic A	Attic	Bldg 6	NP	Positive	2.10
129	7/23/2014 13:02	Window	Wood	A	Poor	White	Exterior	Attic A	Attic	Bldg 6	NP	Positive	10.10
130	7/23/2014 13:03	Handrail	Wood	B	Intact	White	Interior	Attic A	Stairwell	Bldg 6	NP	Positive	5.60
131	7/23/2014 13:03	Balluster	Wood	B	Intact	White	Interior	Attic A	Stairwell	Bldg 6	NP	Positive	5.30
132	7/23/2014 13:04	Newel Post	Wood	B	Intact	White	Interior	Attic A	Stairwell	Bldg 6	NP	Positive	3.90
133	7/23/2014 13:05	Wall	Gypsum Board	B	Cracked	White	Interior	Attic A	Stairwell	Bldg 6	NP	Null	0.20
134	7/23/2014 13:05	Wall	Plaster	B	Cracked	White	Interior	Attic A	Stairwell	Bldg 6	NP	Negative	0.24
135	7/23/2014 13:07	Stringer	Wood	B	Intact	Gray	Interior	Attic A	Stairwell	Bldg 6	NP	Positive	4.60
136	7/23/2014 13:11	Louver	Wood	A	Poor	White	Interior	Attic B	Stairwell	Bldg 6	NP	Positive	4.20
137	7/23/2014 13:13	Louver Screen	Wood	A	Poor	White	Interior	Attic B	Stairwell	Bldg 6	NP	Positive	4.00
138	7/23/2014 13:15	Handrail	Wood	C	Poor	White	Interior	Attic B	Stairwell	Bldg 6	NP	Positive	6.20
139	7/23/2014 13:15	Newel Post	Wood	C	Intact	White	Interior	Attic B	Stairwell	Bldg 6	NP	Positive	3.90
140	7/23/2014 13:16	Balluster	Wood	C	Intact	White	Interior	Attic B	Stairwell	Bldg 6	NP	Positive	5.10
141	7/23/2014 13:16	Landing	Wood	C	Intact	Gray	Interior	Attic B	Stairwell	Bldg 6	NP	Positive	5.90
142	7/23/2014 13:16	Stringer	Wood	B	Intact	White	Interior	Attic B	Stairwell	Bldg 6	NP	Positive	4.20
143	7/23/2014 13:17	Riser	Wood	B	Cracked	White	Interior	Attic B	Stairwell	Bldg 6	NP	Positive	6.80
144	7/23/2014 13:17	Tread	Wood	B	Poor	Gray	Interior	Attic B	Stairwell	Bldg 6	NP	Positive	6.90

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 6
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
145	7/23/2014 13:18	Door	Wood	A	Intact	White	Interior	Attic B	Stairwell	Bldg 6	NP	Negative	0.06
146	7/23/2014 13:18	Door Frame	Wood	A	Intact	White	Interior	Attic B	Stairwell	Bldg 6	NP	Positive	5.80
147	7/23/2014 13:20	Door Frame	Wood	B	Intact	White	Interior	Second	29	Bldg 6	NP	Positive	5.50
148	7/23/2014 13:20	Door	Wood	B	Intact	White	Interior	Second	29	Bldg 6	NP	Negative	0.22
149	7/23/2014 13:21	Closet Door	Wood	A	Intact	White	Interior	Second	29	Bldg 6	NP	Negative	0.13
150	7/23/2014 13:21	Closet Door Frame	Wood	A	Intact	White	Interior	Second	29	Bldg 6	NP	Positive	4.60
151	7/23/2014 13:21	Closet Shelf	Wood	A	Intact	White	Interior	Second	29	Bldg 6	NP	Positive	4.10
152	7/23/2014 13:22	Closet Shelf Support	Wood	A	Intact	White	Interior	Second	29	Bldg 6	NP	Positive	4.20
153	7/23/2014 13:22	Closet Rod	Wood	A	Intact	White	Interior	Second	29	Bldg 6	NP	Positive	2.20
154	7/23/2014 13:23	Baseboard	Wood	A	Intact	White	Interior	Second	29	Bldg 6	NP	Positive	6.30
155	7/23/2014 13:24	Window	Wood	D	Intact	White	Interior	Second	29	Bldg 6	NP	Negative	0.00
156	7/23/2014 13:24	Window Frame	Wood	D	Intact	White	Interior	Second	29	Bldg 6	NP	Positive	7.40
157	7/23/2014 13:24	Window Sill	Wood	D	Intact	White	Interior	Second	29	Bldg 6	NP	Positive	8.00
158	7/23/2014 13:25	Window Apron	Wood	D	Intact	White	Interior	Second	29	Bldg 6	NP	Positive	6.40
159	7/23/2014 13:26	Ceiling	Plaster		Intact	White	Interior	Second	29	Bldg 6	NP	Positive	1.50
160	7/23/2014 13:29	Handrail	Wood	D	Poor	White	Exterior	Second	Porch	Bldg 6	NP	Positive	2.50
161	7/23/2014 13:32	Newel Post	Wood	D	Poor	White	Exterior	Second	Porch	Bldg 6	NP	Positive	1.00
162	7/23/2014 13:32	Balluster	Wood	D	Poor	White	Exterior	Second	Porch	Bldg 6	NP	Positive	2.30
163	7/23/2014 13:33	Window Lintel	Metal	D	Poor	White	Exterior	Second	Porch	Bldg 6	NP	Positive	4.90
164	7/23/2014 13:37	Ceiling	Plaster		Intact	White	Interior	Second	25	Bldg 6	NP	Negative	0.00
165	7/23/2014 13:38	Door	Wood	A	Intact	White	Interior	Second	25	Bldg 6	NP	Negative	0.02
166	7/23/2014 13:38	Door Frame	Wood	A	Intact	White	Interior	Second	25	Bldg 6	NP	Negative	0.00
167	7/23/2014 13:39	Baseboard	Wood	A	Intact	White	Interior	Second	25	Bldg 6	NP	Negative	0.00
168	7/23/2014 13:39	Window	Wood	C	Intact	White	Interior	Second	25	Bldg 6	NP	Negative	0.00
169	7/23/2014 13:40	Window Frame	Wood	C	Intact	White	Interior	Second	25	Bldg 6	NP	Positive	4.60
170	7/23/2014 13:40	Window Sill	Wood	C	Intact	White	Interior	Second	25	Bldg 6	NP	Positive	6.90
171	7/23/2014 13:41	Closet Door	Wood	A	Intact	White	Interior	Second	22	Bldg 6	NP	Negative	0.01

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 6
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
172	7/23/2014 13:41	Closet Door Frame	Wood	A	Intact	White	Interior	Second	22	Bldg 6	NP	Positive	5.30
173	7/23/2014 13:42	Closet Shelf	Wood	A	Intact	White	Interior	Second	22	Bldg 6	NP	Positive	3.30
174	7/23/2014 13:42	Closet Shelf Support	Wood	A	Intact	White	Interior	Second	22	Bldg 6	NP	Positive	2.30
175	7/23/2014 13:43	Closet Rod	Wood	A	Intact	White	Interior	Second	22	Bldg 6	NP	Positive	2.30
176	7/23/2014 13:46	Handrail	Wood	A	Intact	White	Interior	First	Stairwell A	Bldg 6	NP	Negative	0.05
177	7/23/2014 13:47	Newel Post	Wood	A	Intact	White	Interior	First	Stairwell A	Bldg 6	NP	Negative	0.11
178	7/23/2014 13:47	Stringer	Wood	B	Intact	White	Interior	First	Stairwell A	Bldg 6	NP	Positive	8.30
179	7/23/2014 13:48	Ballustr	Wood	C	Intact	White	Interior	First	Stairwell A	Bldg 6	NP	Positive	5.90
180	7/23/2014 13:48	Stringer	Wood	C	Poor	White	Interior	First	Stairwell A	Bldg 6	NP	Positive	8.60
181	7/23/2014 13:50	Ceiling	Plaster		Intact	White	Interior	First	1	Bldg 6	NP	Null	0.00
182	7/23/2014 13:50	Ceiling	Plaster		Intact	White	Interior	First	1	Bldg 6	NP	Null	0.02
183	7/23/2014 13:50	Ceiling	Plaster		Intact	White	Interior	First	1	Bldg 6	NP	Null	0.03
184	7/23/2014 13:51	Ceiling	Plaster		Intact	White	Interior	First	1	Bldg 6	NP	Null	0.00
185	7/23/2014 13:53	Ceiling	Plaster		Intact	White	Interior	First	1	Bldg 6	NP	Negative	0.00
186	7/23/2014 13:54	Mantle	Wood	B	Intact	White	Interior	First	1	Bldg 6	NP	Positive	6.10
187	7/23/2014 13:55	Baseboard	Wood	D	Intact	White	Interior	First	1	Bldg 6	NP	Positive	9.10
188	7/23/2014 13:55	Door	Wood	D	Intact	White	Interior	First	1	Bldg 6	NP	Negative	0.01
189	7/23/2014 13:56	Door Frame	Wood	D	Intact	White	Interior	First	1	Bldg 6	NP	Positive	5.60
190	7/23/2014 13:56	Door Frame	Wood	B	Intact	White	Interior	First	1	Bldg 6	NP	Positive	7.40
191	7/23/2014 13:56	Door	Wood	B	Intact	White	Interior	First	1	Bldg 6	NP	Positive	9.50
192	7/23/2014 13:59	Window	Wood	A	Intact	White	Interior	First	3	Bldg 6	NP	Negative	0.00
193	7/23/2014 13:59	Window Frame	Wood	A	Intact	White	Interior	First	3	Bldg 6	NP	Positive	6.20
194	7/23/2014 14:00	Window Sill	Wood	A	Intact	White	Interior	First	3	Bldg 6	NP	Positive	10.70
195	7/23/2014 14:00	Window Apron	Wood	A	Intact	White	Interior	First	3	Bldg 6	NP	Positive	9.80
196	7/23/2014 14:01	Cabinet	Wood	B	Intact	Green	Interior	First	6	Bldg 6	NP	Negative	0.00
197	7/23/2014 14:02	Cabinet Door	Wood	B	Intact	Green	Interior	First	6	Bldg 6	NP	Negative	0.00
198	7/23/2014 14:03	Mantle	Wood	D	Intact	Green	Interior	First	8	Bldg 6	NP	Positive	5.50

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 6
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
199	7/23/2014 14:04	Door	Wood	A	Intact	White	Interior	First	Foyer B	Bldg 6	NP	Negative	0.50
200	7/23/2014 14:04	Door Frame	Wood	A	Intact	White	Interior	First	Foyer B	Bldg 6	NP	Positive	7.40
201	7/23/2014 14:06	Handrail	Wood	A	Intact	White	Interior	First	Stairwell B	Bldg 6	NP	Negative	0.03
202	7/23/2014 14:07	Newel Post	Wood	A	Intact	White	Interior	First	Stairwell B	Bldg 6	NP	Negative	0.21
203	7/23/2014 14:08	Balluster	Wood	A	Intact	White	Interior	First	Stairwell B	Bldg 6	NP	Null	2.40
204	7/23/2014 14:08	Balluster	Wood	A	Intact	White	Interior	First	Stairwell B	Bldg 6	NP	Positive	7.40
205	7/23/2014 14:09	Stringer	Wood	D	Intact	White	Interior	First	Stairwell B	Bldg 6	NP	Positive	6.00
206	7/23/2014 14:10	Riser	Wood	D	Poor	White	Interior	First	Stairwell B	Bldg 6	NP	Positive	6.40
207	7/23/2014 14:17	Door Rear	Wood	C	Poor	White	Interior	First		Bldg 6	NP	Positive	7.70
208	7/23/2014 14:17	Door Frame Rear	Wood	C	Poor	White	Interior	First		Bldg 6	NP	Positive	3.40
209	7/23/2014 14:19	Ceiling	Plaster		Intact	White	Interior	Basement	Stairwell	Bldg 6	NP	Null	0.18
210	7/23/2014 14:20	Ceiling	Plaster		Intact	White	Interior	Basement	Stairwell	Bldg 6	NP	Null	0.17
211	7/23/2014 14:21	Ceiling	Plaster		Intact	White	Interior	Basement	Stairwell	Bldg 6	NP	Null	0.18
212	7/23/2014 14:22	Ceiling	Plaster		Intact	White	Interior	Basement	Stairwell	Bldg 6	NP	Positive	3.10
213	7/23/2014 14:23	Wall	Gypsum Board	B	Intact	Gray	Interior	Basement	Stairwell	Bldg 6	NP	Null	0.00
214	7/23/2014 14:23	Wall	Gypsum Board	B	Intact	Gray	Interior	Basement	Stairwell	Bldg 6	NP	Negative	0.00
215	7/23/2014 14:24	Tread	Wood	B	Intact	Gray	Interior	Basement	Stairwell	Bldg 6	NP	Positive	5.90
216	7/23/2014 14:24	Riser	Wood	B	Intact	Gray	Interior	Basement	Stairwell	Bldg 6	NP	Positive	4.60
217	7/23/2014 14:26	Door	Wood	C	Intact	White	Interior	Basement	Basement	Bldg 6	NP	Null	0.00
218	7/23/2014 14:26	Door	Wood	C	Intact	White	Interior	Basement	Basement	Bldg 6	NP	Negative	0.00
219	7/23/2014 14:27	Door Frame	Wood	C	Intact	White	Interior	Basement	Basement	Bldg 6	NP	Negative	0.00
220	7/23/2014 14:27	Structural Steel	Metal	C	Intact	White	Interior	Basement	Basement	Bldg 6	NP	Positive	8.40
221	7/23/2014 14:27	Structural Steel	Metal	C	Intact	White	Interior	Basement	Basement	Bldg 6	NP	Positive	10.10
222	7/23/2014 14:30	Wall	Concrete	A	Poor	White	Interior	Basement	Basement	Bldg 6	NP	Negative	0.09
223	7/23/2014 14:31	Crawlspace Door	Wood	D	Intact	White	Interior	Basement	Basement	Bldg 6	NP	Negative	0.20
224	7/23/2014 14:31	Crawlspace Door Frame	Wood	D	Intact	White	Interior	Basement	Basement	Bldg 6	NP	Negative	0.07
225	7/23/2014 14:40	Door	Wood	A	Intact	Green	Exterior			Bldg 6	NP	Negative	0.50

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 6
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
226	7/23/2014 14:41	Door Frame	Wood	A	Cracked	White	Exterior			Bldg 6	NP	Positive	38.20
227	7/23/2014 14:41	Column	Wood	A	Cracked	White	Exterior			Bldg 6	NP	Negative	0.06
228	7/23/2014 14:42	Handrail	Metal	A	Poor	Black	Exterior			Bldg 6	NP	Negative	0.50
229	7/23/2014 14:43	Light Fixture	Metal	A	Poor	Black	Exterior			Bldg 6	NP	Negative	0.02
230	7/23/2014 14:43	Light Fixture	Metal	A	Poor	Black	Exterior			Bldg 6	NP	Negative	0.15
231	7/23/2014 14:44	Door	Wood	A	Intact	Green	Exterior			Bldg 6	NP	Negative	0.50
232	7/23/2014 14:44	Door Frame	Wood	A	Cracked	White	Exterior			Bldg 6	NP	Positive	32.10
233	7/23/2014 14:45	Column	Wood	A	Cracked	White	Exterior			Bldg 6	NP	Positive	34.50
234	7/23/2014 14:45	Handrail	Metal	A	Poor	Black	Exterior			Bldg 6	NP	Positive	1.80
235	7/23/2014 14:47	Window Lintel	Metal	A	Poor	White	Exterior			Bldg 6	NP	Positive	24.50
236	7/23/2014 14:48	Downspout Base	Metal	A	Poor	Black	Exterior			Bldg 6	NP	Negative	0.29
237	7/23/2014 14:49	Downspout Base	Metal	B	Poor	Black	Exterior			Bldg 6	NP	Null	0.40
238	7/23/2014 14:49	Downspout Base	Metal	B	Poor	Black	Exterior			Bldg 6	NP	Negative	0.04
239	7/23/2014 14:58	Door	Metal	B	Poor	White	Exterior		Porch	Bldg 6	NP	Positive	28.20
240	7/23/2014 14:58	Door Frame	Wood	B	Poor	White	Exterior		Porch	Bldg 6	NP	Positive	25.40
241	7/23/2014 14:58	Column Square	Wood	B	Poor	White	Exterior		Porch	Bldg 6	NP	Positive	32.40
242	7/23/2014 14:59	Column Round	Wood	B	Poor	White	Exterior		Porch	Bldg 6	NP	Positive	36.50
243	7/23/2014 15:00	Handrail	Metal	B	Poor	Black	Exterior		Porch	Bldg 6	NP	Positive	1.60
244	7/23/2014 15:01	Floor	Concrete	B	Intact	Gray	Exterior		Porch	Bldg 6	NP	Negative	0.04
245	7/23/2014 15:02	Wall	Brick	B	Cracked	White	Exterior		Porch	Bldg 6	NP	Positive	25.90
246	7/23/2014 15:03	Ceiling	Wood		Poor	White	Exterior		Porch	Bldg 6	NP	Positive	21.80
247	7/23/2014 15:04	Door	Wood	C	Poor	White	Exterior		Porch	Bldg 6	NP	Positive	28.80
248	7/23/2014 15:04	Door Frame	Wood	C	Poor	White	Exterior		Porch	Bldg 6	NP	Positive	15.30
249	7/23/2014 15:05	Awning	Wood	C	Intact	White	Exterior		Porch	Bldg 6	NP	Negative	0.00
250	7/23/2014 15:06	Window Lintel	Metal	C	Poor	White	Exterior		Porch	Bldg 6	NP	Null	2.50
251	7/23/2014 15:06	Window Lintel	Metal	C	Poor	White	Exterior		Porch	Bldg 6	NP	Positive	19.00
252	7/23/2014 15:07	Fascia	Wood	C	Poor	White	Exterior		Porch	Bldg 6	NP	Positive	35.10

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 6
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
253	7/23/2014 15:07	Soffit	Wood	C	Poor	White	Exterior		Porch	Bldg 6	NP	Positive	40.30
254	7/23/2014 15:12	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90
255	7/23/2014 15:13	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90
256	7/23/2014 15:14	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90

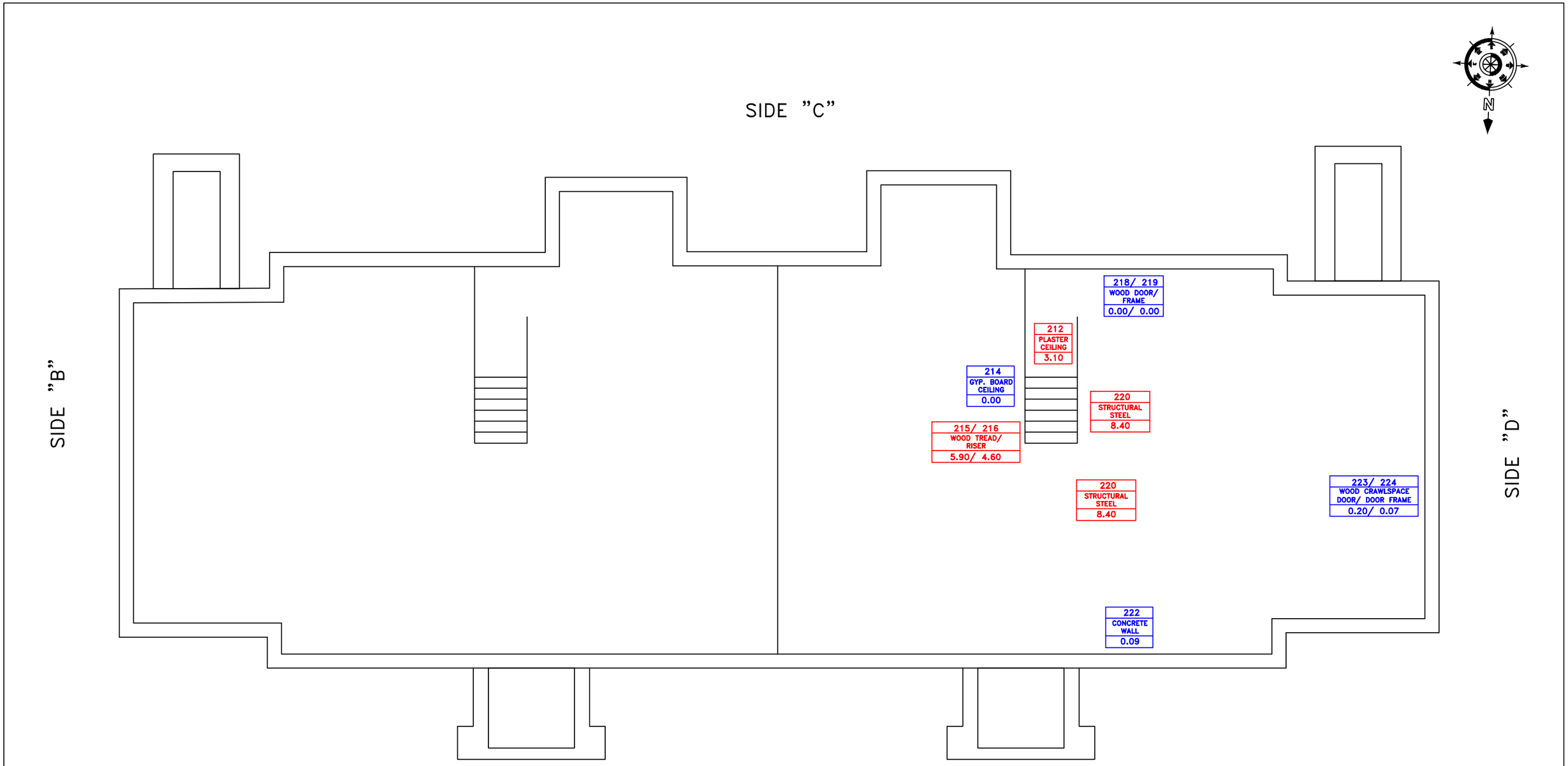
* = Reading number 1 is an internal diagnostic reading that does not represent lead content on any items.

Null = Incomplete test due to instrument movement or early trigger release.

Readings 6-122 apply to Building 8, also tested on same date. Please see corresponding building table for this data.

ACTION LEVEL = 1.00 mg/cm^2

APPENDIX F-2
XRF Testing Location Plans



NOT TO SCALE

BUILDING 6 – BASEMENT

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 1: BUILDING 6 – BASEMENT

Safety Environmental Laboratories and Consulting, Inc.
989 Yeager Parkway
Pelham, AL 35124
SELC
(205) 823-6200 fax (205) 823-9066

PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

BUILDING 6
BASEMENT
SHEET 1 OF 4

SIDE "C"

SIDE "B"

SIDE "D"

SIDE "A"

N

252/ 253 WOOD FASCIA/ SOFFIT 35.1/ 40.3

249 WOOD AWNING 0.00

251 METAL WINDOW LINTEL 19.00

247/ 248 WOOD DOOR/ DOOR FRAME 28.8/ 15.3

176/ 177 WOOD HAND-RAIL/ POST 0.05/ 0.11

178/ 179/ 180 WOOD STRINGER/ BALLUSTER/ STRINGER 8.30/ 5.90/ 8.60

196/ 197 WOOD CABINET/ CABINET DOOR 0.00/ 0.00

206/ 207 WOOD DOOR/ FRAME 7.70/ 3.40

203/ 204/ 205 WOOD BALLUSTER/ STRINGER/ RISER 7.40/ 6.00/ 6.40

239/ 240 WOOD DOOR/ DOOR FRAME 28.2/ 25.4

241/ 242 WOOD COLUMN ROUND/ SQUARE 32.4/ 36.5

185 PLASTER CEILING 0.00

246 WOOD CEILING 21.80

245 BRICK WALL 25.90

243 METAL HANDRAIL 1.60

244 CONCRETE FLOOR 0.04

186 WOOD MANTLE 6.10

188/ 189 WOOD DOOR/ DOOR FRAME 0.01/ 5.60

201/ 202 WOOD HAND-RAIL/ POST 0.03/ 0.21

198 WOOD MANTLE 5.50

190/ 191 WOOD DOOR FRAME/ WOOD DOOR 7.40/ 9.50

199/ 200 WOOD DOOR/ DOOR FRAME 0.50/ 7.40

192 WOOD WINDOW 0.00

193/ 194/ 195 WOOD WINDOW FRAME/ SILL/ APRON 6.20/ 10.7/ 9.80

238 METAL DOWN SPOUT BASE 0.04

236 METAL DOWN SPOUT BASE 0.29

235 METAL WINDOW LINTEL 24.5

233 WOOD COLUMN 34.5

234 METAL HANDRAIL 1.80

230 METAL LIGHT FIXTURE 0.15

231/ 232 WOOD DOOR/ DOOR FRAME 0.50/ 34.5

225/ 226 WOOD DOOR/ DOOR FRAME 0.50/ 38.2

229 METAL LIGHT FIXTURE 0.02

227 WOOD COLUMN 0.06

228 METAL HANDRAIL 0.50

TOILET 6A

STAIR

RAMP

TOILET 2B

TOILET 7B

1 2 3 5 6 7A 8 2A

NOT TO SCALE

BUILDING 6 – FIRST FLOOR

XRF # — XRF TEST NUMBER

BUILDING COMPONENT — BUILDING COMPONENT TESTED

LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 2: BUILDING 6 – FIRST FLOOR

Safety Environmental Laboratories and Consulting, Inc.

SELC

989 Yeager Parkway
Pelham, AL 35124

(205) 823-6200 fax (205) 823-9066

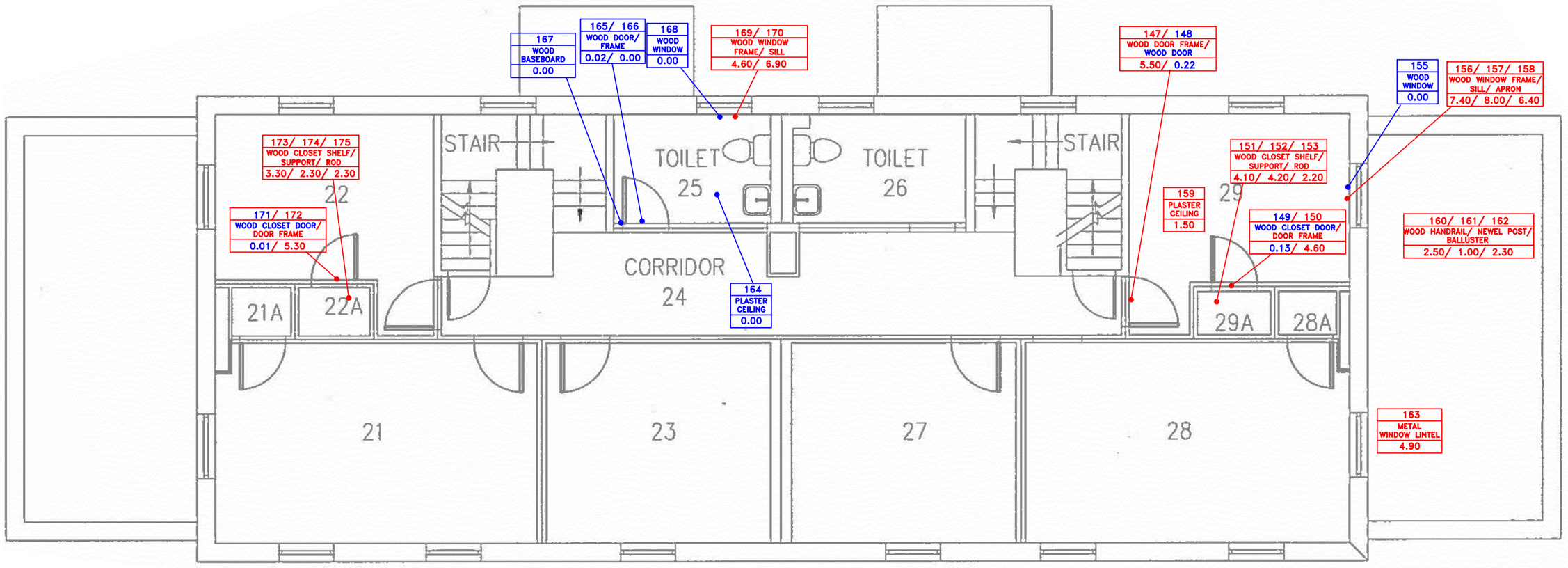
PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

BUILDING 6
FIRST FLOOR
SHEET 2 OF 4

SIDE "C"



SIDE "B"

SIDE "D"

SIDE "A"

NOT TO SCALE

BUILDING 6 – SECOND FLOOR

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 3: BUILDING 6 – SECOND FLOOR

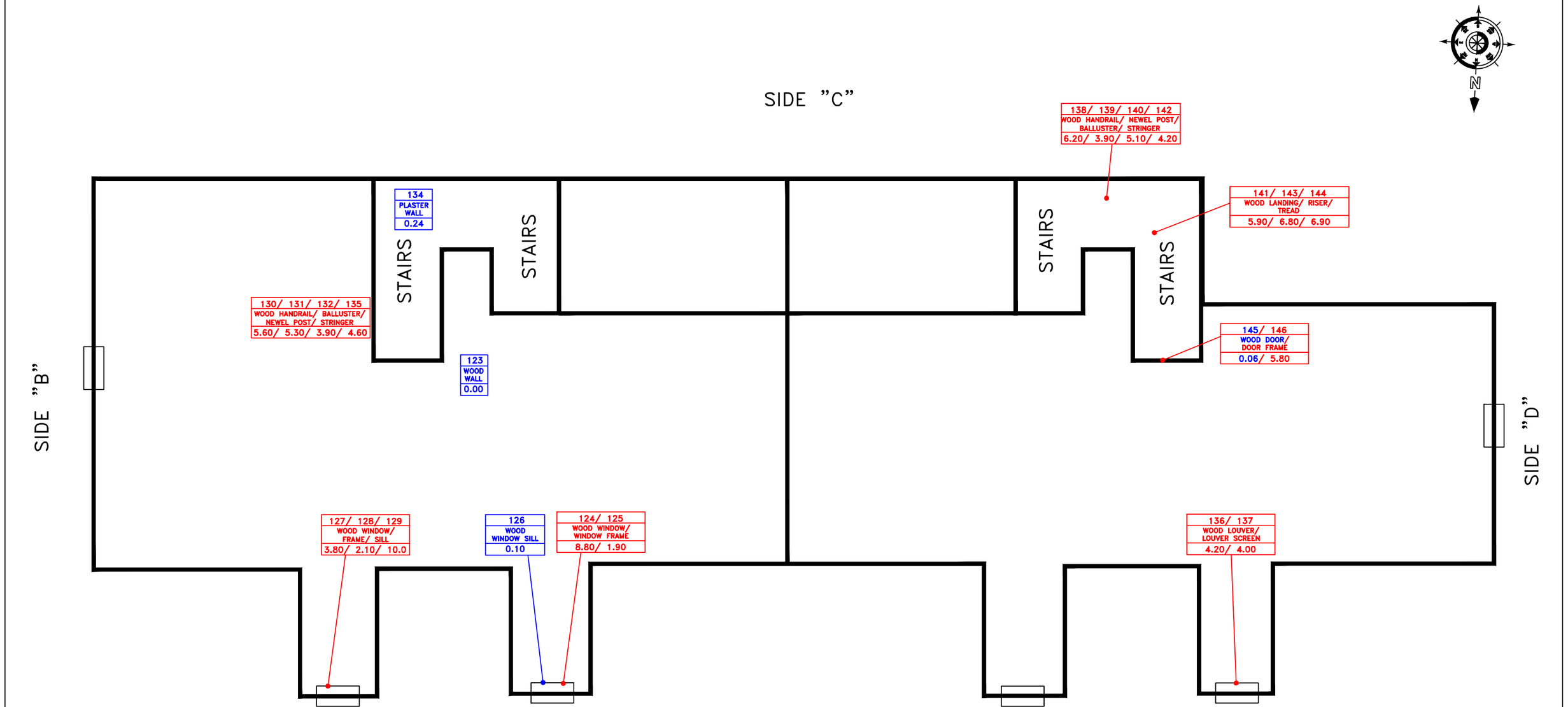
Safety Environmental Laboratories and Consulting, Inc.
989 Yeager Parkway
Pelham, AL 35124
SELC
(205) 823-6200 fax (205) 823-9066

PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

BUILDING 6
SECOND FLOOR
SHEET 3 OF 4



NOT TO SCALE

BUILDING 6 – ATTIC

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 4: BUILDING 6 – ATTIC

Safety Environmental Laboratories and Consulting, Inc.
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Pelham, AL 35124
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(205) 823-6200 fax (205) 823-9066

PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

BUILDING 6
ATTIC
SHEET 4 OF 4

APPENDIX F-3
Photographic Documentation

Building 6
Photographic Documentation



Photograph 1
Damaged LBP on wooden louver and screen in attic – typical.



Photograph 2
Deteriorated LBP on wooden handrail in attic.



Photograph 3
Damaged LBP on wooden risers and tread on stairs to attic – typical.



Photograph 4
Damaged LBP on wooden handrail, newel post, baluster and related wood components on porch roofs.

Building 6
Photographic Documentation



Photograph 5
Damaged LBP on wooden stringer and riser on stairs.



Photograph 6
Damaged LBP on exterior wood door and door frame.



Photograph 7
Peeling LBP on structural steel pictured in basement.



Photograph 8
Cracked/peeling LBP on exterior column.

Building 6
Photographic Documentation



Photograph 9
Damaged LBP on exterior metal handrail – typical.



Photograph 10
Cracked LBP on exterior square column (pilaster) on porch – typical.



Photograph 11
Peeling LBP on exterior porch ceiling.



Photograph 12
Deteriorating LBP on exterior window lintel – typical.

Building 6
Photographic Documentation



Photograph 13
Cracked/peeling LBP on wood fascia and soffit – typical.



Photograph 14
Cracked LBP on exterior brick wall on porch – typical.



Photograph 15
View of porch with damaged LBP typically on wood components.



Photograph 16
Damaged LBP on exterior of wood attic windows.

APPENDIX H

BUILDING 12
WAREHOUSE



INCLUDED IN APPENDIX H:

H-1 – XRF Testing Data Sheets

H-2 – XRF Testing Location Plans

H-3 – Photographic Documentation

APPENDIX H-1
XRF Testing Data Sheets

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 12
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Building	Room	Inspector	Results	Lead (mg/cm^2)
1	7/31/2014 10:19												1.51*
2	7/31/2014 10:54	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90
3	7/31/2014 10:55	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90
4	7/31/2014 10:57	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
81	7/31/2014 14:00	Door	Wood	A	Intact	White	Interior	Ground	Bldg 12	4	NP	Negative	0.01
82	7/31/2014 14:01	Door Frame	Wood	A	Intact	White	Interior	Ground	Bldg 12	4	NP	Positive	7.30
83	7/31/2014 14:01	Radiator	Metal	A	Intact	Black	Interior	Ground	Bldg 12	4	NP	Negative	0.02
84	7/31/2014 14:02	Window	Metal	D	Poor	White	Interior	Ground	Bldg 12	4	NP	Positive	5.90
85	7/31/2014 14:03	Window Sill	Concrete	D	Poor	White	Interior	Ground	Bldg 12	4	NP	Positive	2.80
86	7/31/2014 14:03	Window Cage	Metal	D	Poor	White	Interior	Ground	Bldg 12	4	NP	Positive	11.40
87	7/31/2014 14:04	Wall	Gypsum Board	D	Intact	Beige	Interior	Ground	Bldg 12	4	NP	Negative	0.00
88	7/31/2014 14:05	Door	Wood	B	Intact	White	Interior	Ground	Bldg 12	4	NP	Negative	0.06
89	7/31/2014 14:05	Door Frame	Metal	B	Intact	White	Interior	Ground	Bldg 12	4	NP	Positive	2.30
90	7/31/2014 14:06	Wall	Plaster	B	Intact	Beige	Interior	Ground	Bldg 12	4	NP	Positive	5.40
91	7/31/2014 14:08	Safe	Metal	B	Intact	Beige	Interior	Ground	Bldg 12	4	NP	Null	0.60
92	7/31/2014 14:10	Safe	Metal	B	Intact	Beige	Interior	Ground	Bldg 12	4	NP	Positive	1.40
93	7/31/2014 14:12	Door Frame	Metal	A	Intact	White	Interior	Ground	Bldg 12	1	NP	Negative	0.00
94	7/31/2014 14:13	Wall	Brick	C	Intact	White	Interior	Ground	Bldg 12	1	NP	Negative	0.00
95	7/31/2014 14:13	Radiator	Metal	C	Intact	Blue	Interior	Ground	Bldg 12	1	NP	Null	0.19
96	7/31/2014 14:14	Radiator	Metal	C	Intact	Blue	Interior	Ground	Bldg 12	1	NP	Negative	0.02
97	7/31/2014 14:14	Sprinkler Pipe	Metal	C	Intact	Red	Interior	Ground	Bldg 12	1	NP	Negative	0.06
98	7/31/2014 14:15	Wall	Wood	C	Intact	White	Interior	Ground	Bldg 12	1	NP	Negative	0.00
99	7/31/2014 14:16	Door	Metal	B	Peeling	Gray	Interior	Ground	Bldg 12	1	NP	Positive	1.40
100	7/31/2014 14:16	Door Frame	Metal	B	Peeling	Gray	Interior	Ground	Bldg 12	1	NP	Positive	2.50
101	7/31/2014 14:17	Window Cage	Metal	C	Peeling	Gray	Interior	Ground	Bldg 12	1	NP	Positive	12.30
102	7/31/2014 14:19	Window	Metal	C	Cracked	White	Interior	Ground	Bldg 12	1	NP	Null	0.06
103	7/31/2014 14:20	Window	Metal	C	Cracked	White	Interior	Ground	Bldg 12	1	NP	Positive	4.00
104	7/31/2014 14:20	Window Sill	Concrete	C	Intact	White	Interior	Ground	Bldg 12	1	NP	Negative	0.13

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 12
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Building	Room	Inspector	Results	Lead (mg/cm^2)
105	7/31/2014 14:21	Wall	Brick	D	Intact	White	Interior	Ground	Bldg 12	1	NP	Negative	0.00
106	7/31/2014 14:23	Structural Steel	Metal	Central	Intact	Beige	Interior	Ground	Bldg 12	1	NP	Positive	9.70
107	7/31/2014 14:23	Structural Steel	Metal	Central	Intact	Beige	Interior	Ground	Bldg 12	1	NP	Positive	16.90
108	7/31/2014 14:24	Structural Steel	Metal	Central	Intact	Beige	Interior	Ground	Bldg 12	1	NP	Positive	8.40
109	7/31/2014 14:26	Window Cage	Metal	B	Peeling	Gray	Interior	Ground	Bldg 12	2	NP	Positive	8.40
110	7/31/2014 14:28	Structural Steel	Metal	C	Intact	Red	Interior	Ground	Bldg 12	3	NP	Negative	0.12
111	7/31/2014 14:28	Structural Steel	Metal	D	Intact	Red	Interior	Ground	Bldg 12	3	NP	Negative	0.00
112	7/31/2014 14:29	Structural Steel	Metal	A	Intact	Red	Interior	Ground	Bldg 12	3	NP	Negative	0.01
113	7/31/2014 14:30	Wall	Metal	A	Intact	White	Interior	Ground	Bldg 12	3	NP	Negative	0.06
114	7/31/2014 14:30	Wall	Metal	B	Intact	White	Interior	Ground	Bldg 12	3	NP	Negative	0.04
115	7/31/2014 14:31	Wall	Metal	C	Intact	White	Interior	Ground	Bldg 12	3	NP	Negative	0.02
116	7/31/2014 14:32	Floor Marking	Concrete	A	Intact	White	Interior	Ground	Bldg 12	3	NP	Positive	3.90
117	7/31/2014 14:33	Floor Marking	Concrete	A	Intact	White	Interior	Ground	Bldg 12	1	NP	Positive	3.40
118	7/31/2014 14:49	Floor Marking	Concrete	A	Intact	White	Exterior	Ground	Bldg 12		NP	Positive	3.80
119	7/31/2014 14:50	Awning Pole	Metal	A	Intact	Gray	Exterior	Ground	Bldg 12		NP	Negative	0.11
120	7/31/2014 14:51	Door Frame	Wood	A	Poor	White	Exterior	Ground	Bldg 12		NP	Positive	39.20
121	7/31/2014 14:51	Door	Wood	A	Intact	White	Exterior	Ground	Bldg 12		NP	Negative	0.00
122	7/31/2014 14:52	Window	Metal	A	Intact	White	Exterior	Ground	Bldg 12		NP	Negative	0.13
123	7/31/2014 14:52	Window	Metal	A	Intact	White	Exterior	Ground	Bldg 12		NP	Positive	8.30
124	7/31/2014 14:54	Handrail	Metal	A	Poor	Black	Exterior	Ground	Bldg 12		NP	Negative	0.05
125	7/31/2014 14:55	Structural Steel	Metal	A	Intact	Black	Exterior	Ground	Bldg 12		NP	Negative	0.03
126	7/31/2014 14:56	Foundation	Concrete	A	Intact	Beige	Exterior	Ground	Bldg 12		NP	Negative	0.00
127	7/31/2014 14:56	Handrail	Metal	B	Poor	Black	Exterior	Ground	Bldg 12		NP	Positive	3.40
128	7/31/2014 14:57	Door	Metal	B	Fair	Gray	Exterior	Ground	Bldg 12		NP	Negative	0.00
129	7/31/2014 14:58	Door Frame	Metal	B	Intact	Gray	Exterior	Ground	Bldg 12		NP	Negative	0.01
130	7/31/2014 15:00	Crawlspace Door	Wood	C	Poor	Black	Exterior	Ground	Bldg 12		NP	Negative	0.80
131	7/31/2014 15:01	Foundation	Concrete	C	Intact	Beige	Exterior	Ground	Bldg 12		NP	Negative	0.00
132	7/31/2014 15:02	Door	Metal	C	Intact	White	Exterior	Ground	Bldg 12		NP	Negative	0.00

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 12
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Building	Room	Inspector	Results	Lead (mg/cm^2)
133	7/31/2014 15:02	Door Frame	Metal	C	Intact	White	Exterior	Ground	Bldg 12		NP	Negative	0.14
134	7/31/2014 15:03	Wall	Factory Coated Metal	C	Intact	Beige	Exterior	Ground	Bldg 12		NP	Negative	0.15
135	7/31/2014 15:03	Wall	Factory Coated Metal	D	Intact	Beige	Exterior	Ground	Bldg 12		NP	Negative	0.19
136	7/31/2014 15:04	Window	Metal	D	Poor	White	Exterior	Ground	Bldg 12		NP	Negative	0.25
137	7/31/2014 15:05	Eave	Wood	A	Poor	White	Exterior	Ground	Bldg 12		NP	Positive	36.90
138	7/31/2014 15:07	Rafter	Wood	A	Poor	White	Exterior	Ground	Bldg 12		NP	Positive	2.20
139	7/31/2014 15:09	Fascia	Wood	B	Poor	White	Exterior	Ground	Bldg 12		NP	Positive	2.50
140	7/31/2014 15:10	Downspout Base	Metal	A	Poor	Silver	Exterior	Ground	Bldg 12		NP	Negative	0.21
141	7/31/2014 15:13	Dock	Metal	A	Poor	Yellow	Exterior	Ground	Bldg 12		NP	Negative	0.60
142	7/31/2014 15:18	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
143	7/31/2014 15:21	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
144	7/31/2014 15:22	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
145	7/31/2014 15:23	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90

* = Reading number 69 is an internal diagnostic reading that does not represent lead content on any items.

Null = Incomplete test due to instrument movement or early trigger release.

Reading numbers 5 - 80 apply to Building 2, also tested on same date. Please see corresponding building table for this data.

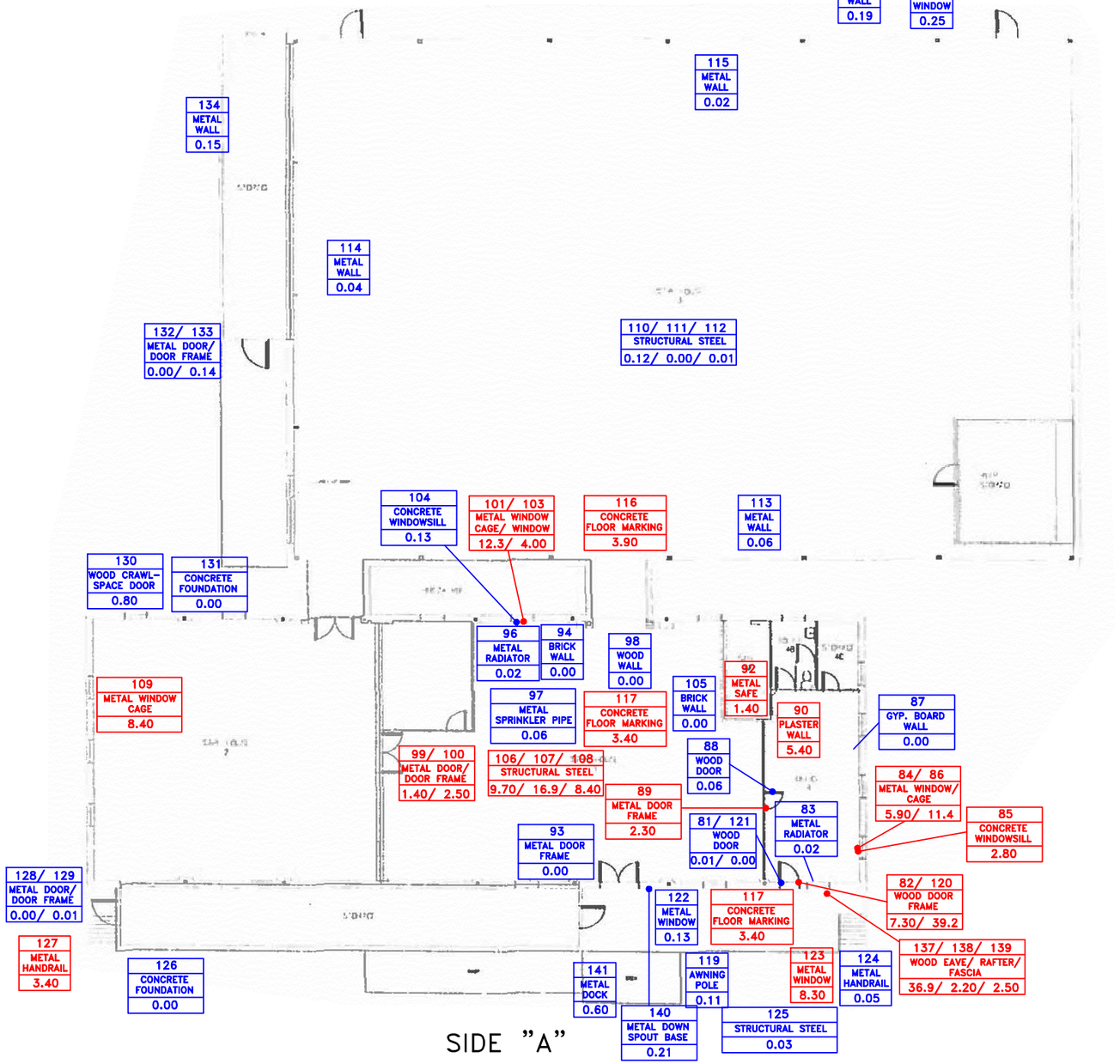
ACTION LEVEL = 1.00 mg/cm^2

APPENDIX H-2
XRF Testing Location Plans

SIDE "C"

SIDE "B"

SIDE "D"



SIDE "A"

NOT TO SCALE

BUILDING 12

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 1: BUILDING 12

Safety Environmental Laboratories and Consulting, Inc.

989 Yeager Parkway
Pelham, AL 35124

(205) 823-6200 fax (205) 823-9066

PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

BUILDING 12

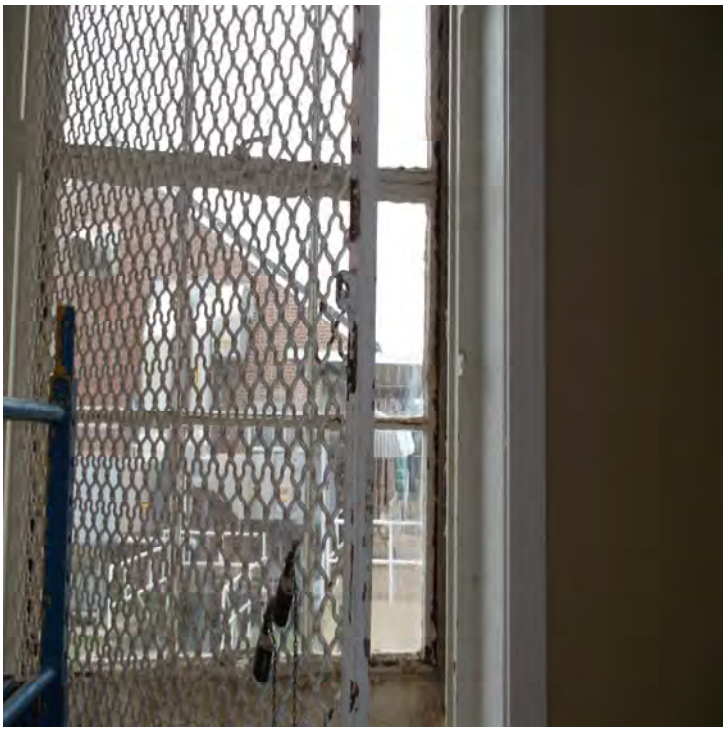
SHEET 1 OF 1

APPENDIX H-3
Photographic Documentation

Building 12
Photographic Documentation



Photograph 1
Damaged LBP on metal window and concrete window sill – typical.



Photograph 2
Damaged LPB on metal window cage – typical.

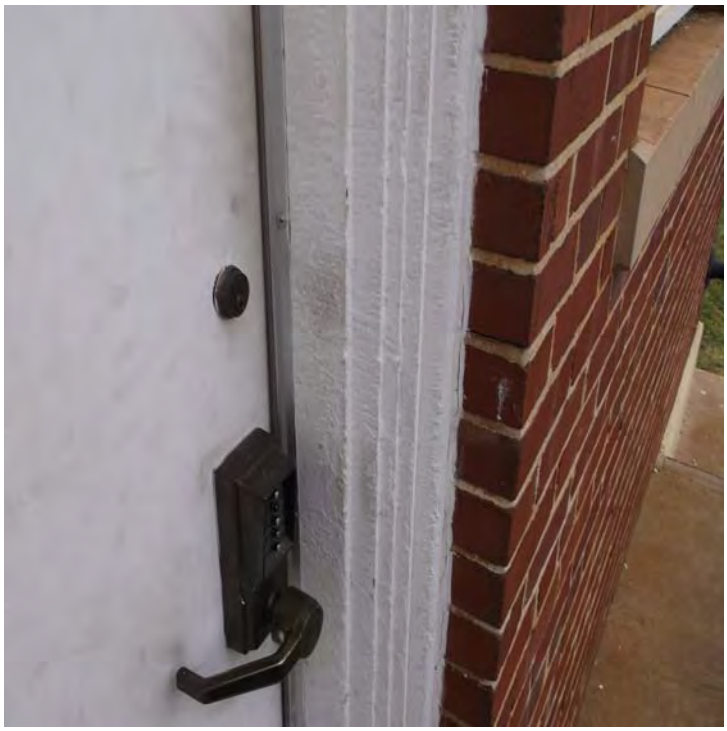


Photograph 3
Damaged LBP on metal door and door frame – typical.



Photograph 4
LBP on marking lines on concrete floor.

Building 12
Photographic Documentation



Photograph 5
Cracked LBP on exterior wooden door frame – typical.



Photograph 6
Damaged LBP on exterior metal handrail – typical.

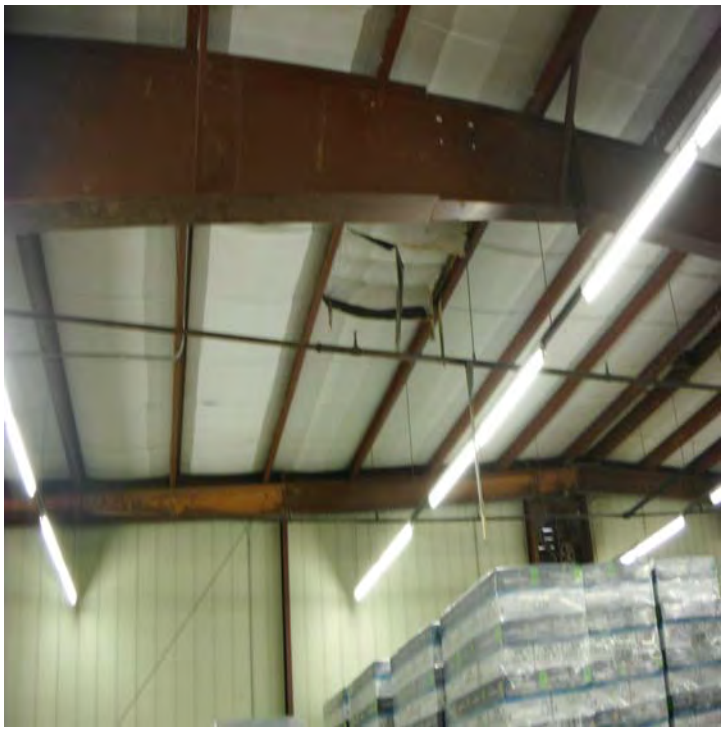


Photograph 7
Damaged LBP on wooden eaves and rafters – typical.



Photograph 8
Cracked/peeling LBP on wooden fascia – typical.

Building 12
Photographic Documentation



Photograph 9
Damaged area of paint on structural steel.

NO PHOTOGRAPH

NO PHOTOGRAPH

NO PHOTOGRAPH

APPENDIX K

BUILDING 17
SHOPS BUILDING



INCLUDED IN APPENDIX K:

K-1 – XRF Testing Data Sheets

K-2 – XRF Testing Location Plans

K-3 – Photographic Documentation

APPENDIX K-1
XRF Testing Data Sheets

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 17
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
1	8/1/2014 8:25												1.67*
2	8/1/2014 8:52	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
3	8/1/2014 8:54	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
4	8/1/2014 8:56	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
5	8/1/2014 9:23	Wall	Brick	A	Intact	White	Interior	Ground	1	Bldg 17	NP	Negative	0.00
6	8/1/2014 9:23	Door	Wood	A	Fair	Gray	Interior	Ground	1	Bldg 17	NP	Positive	4.20
7	8/1/2014 9:24	Door Frame	Wood	A	Fair	Gray	Interior	Ground	1	Bldg 17	NP	Positive	4.10
8	8/1/2014 9:25	Radiator	Metal	C	Poor	White	Interior	Ground	1	Bldg 17	NP	Negative	0.15
9	8/1/2014 9:26	Sprinkler Pipe	Metal	C	Intact	Red	Interior	Ground	1	Bldg 17	NP	Negative	0.02
10	8/1/2014 9:27	Window	Metal	C	Fair	Gray	Interior	Ground	1	Bldg 17	NP	Negative	0.30
11	8/1/2014 9:27	Window Frame	Metal	C	Fair	Gray	Interior	Ground	1	Bldg 17	NP	Negative	0.30
12	8/1/2014 9:28	Window Sill	Concrete	C	Fair	White	Interior	Ground	1	Bldg 17	NP	Negative	0.04
13	8/1/2014 9:29	Shelving	Wood	D	Intact	Gray	Interior	Ground	1	Bldg 17	NP	Negative	0.02
14	8/1/2014 9:31	Ceiling	Gypsum Board	B	Intact	White	Interior	Ground	1	Bldg 17	NP	Negative	0.04
15	8/1/2014 9:32	Ladder	Metal	B	Intact	Black	Interior	Ground	1	Bldg 17	NP	Negative	0.00
16	8/1/2014 9:34	Wall	Brick	B	Intact	Green	Interior	Ground	1a	Bldg 17	NP	Negative	0.04
17	8/1/2014 9:34	Radiator	Metal	B	Fair	White	Interior	Ground	1a	Bldg 17	NP	Negative	0.12
18	8/1/2014 9:35	Door	Metal	D	Intact	Green	Interior	Ground	1a	Bldg 17	NP	Negative	0.15
19	8/1/2014 9:35	Door Frame	Metal	D	Intact	Green	Interior	Ground	1a	Bldg 17	NP	Negative	0.23
20	8/1/2014 9:36	Wall	CMU	D	Intact	Green	Interior	Ground	1a	Bldg 17	NP	Negative	0.50
21	8/1/2014 9:43	Floor	Concrete	B	Intact	Gray	Interior	Ground	2a Shop	Bldg 17	NP	Negative	0.16
22	8/1/2014 9:44	Wall	Brick	B	Intact	Gray	Interior	Ground	2a Shop	Bldg 17	NP	Negative	0.04
23	8/1/2014 9:45	Door	Wood	A	Intact	White	Interior	Ground	2a Shop	Bldg 17	NP	Positive	7.30
24	8/1/2014 9:45	Door Frame	Wood	A	Intact	White	Interior	Ground	2a Shop	Bldg 17	NP	Positive	8.30
25	8/1/2014 9:45	Door Frame	Metal	D	Intact	Pink	Interior	Ground	2a Shop	Bldg 17	NP	Negative	0.00
26	8/1/2014 9:46	Wall	Gypsum Board	D	Intact	Gray	Interior	Ground	2a Shop	Bldg 17	NP	Negative	0.00
27	8/1/2014 9:47	Ceiling	Gypsum Board	D	Intact	White	Interior	Ground	2a Shop	Bldg 17	NP	Negative	0.03
28	8/1/2014 9:50	Wall	Brick	C	Intact	White	Interior	Ground	2b	Bldg 17	NP	Negative	0.03

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 17
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
29	8/1/2014 9:52	Wall	Brick	D	Intact	White	Interior	Ground	3	Bldg 17	NP	Negative	0.04
30	8/1/2014 9:52	Door Frame	Metal	A	Intact	Brown	Interior	Ground	3	Bldg 17	NP	Negative	0.50
31	8/1/2014 9:53	Door	Wood	A	Intact	Brown	Interior	Ground	3	Bldg 17	NP	Positive	3.10
32	8/1/2014 9:54	Ladder	Metal	D	Intact	Black	Interior	Ground	3	Bldg 17	NP	Negative	0.02
33	8/1/2014 9:55	Ceiling Access Panel	Wood	D	Intact	Green	Interior	Ground	3	Bldg 17	NP	Negative	0.01
34	8/1/2014 9:57	Structural Steel	Metal	D	Intact	Brown	Interior	Attic		Bldg 17	NP	Positive	9.20
35	8/1/2014 9:58	Structural Steel	Metal	D	Intact	Brown	Interior	Attic		Bldg 17	NP	Positive	9.70
36	8/1/2014 9:58	Structural Steel	Metal	D	Intact	Brown	Interior	Attic		Bldg 17	NP	Positive	9.00
37	8/1/2014 10:01	Ceiling	Concrete	D	Intact	White	Interior	Ground	2a Store	Bldg 17	NP	Negative	0.11
38	8/1/2014 10:02	Window	Metal	C	Intact	White	Interior	Ground	2a Store	Bldg 17	NP	Positive	4.20
39	8/1/2014 10:02	Window Frame	Metal	C	Peeling	White	Interior	Ground	2a Store	Bldg 17	NP	Positive	3.90
40	8/1/2014 10:03	Wall	CMU	D	Intact	White	Interior	Ground	2a Store	Bldg 17	NP	Negative	0.02
41	8/1/2014 10:04	Door	Metal	A	Intact	White	Interior	Ground	2a Store	Bldg 17	NP	Negative	0.03
42	8/1/2014 10:04	Door Frame	Metal	A	Intact	White	Interior	Ground	2a Store	Bldg 17	NP	Negative	0.14
43	8/1/2014 10:07	Door Frame	Metal	B	Intact	Brown	Interior	Ground	3e	Bldg 17	NP	Positive	2.70
44	8/1/2014 10:07	Door	Wood	B	Intact	Brown	Interior	Ground	3e	Bldg 17	NP	Positive	4.40
45	8/1/2014 10:08	Stall Door	Metal	C	Intact	Blue	Interior	Ground	3e	Bldg 17	NP	Negative	0.22
46	8/1/2014 10:09	Stall Wall	Metal	C	Intact	Blue	Interior	Ground	3e	Bldg 17	NP	Negative	0.14
47	8/1/2014 10:09	Radiator	Metal	A	Intact	White	Interior	Ground	3e	Bldg 17	NP	Negative	0.02
48	8/1/2014 10:11	Wall	CMU	D	Intact	White	Interior	Ground	3a	Bldg 17	NP	Negative	0.00
49	8/1/2014 10:12	Wall	Factory Coated Metal	C	Intact	White	Interior	Ground	Biomed	Bldg 17	NP	Negative	0.01
50	8/1/2014 10:13	Structural Steel	Metal	A	Intact	Red-Brown	Interior	Ground	Biomed	Bldg 17	NP	Negative	0.00
51	8/1/2014 10:13	Structural Steel	Metal	D	Intact	Red-Brown	Interior	Ground	Biomed	Bldg 17	NP	Negative	0.00
52	8/1/2014 10:14	Door Frame	Metal	B	Intact	Brown	Interior	Ground	Biomed	Bldg 17	NP	Negative	0.00
53	8/1/2014 10:16	Door Frame	Wood	A	Intact	Brown	Interior	Ground	4	Bldg 17	NP	Positive	7.50

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 17
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
54	8/1/2014 10:17	Door	Wood	A	Intact	Brown	Interior	Ground	4	Bldg 17	NP	Negative	0.40
55	8/1/2014 10:18	Ceiling	Plaster	A	Intact	White	Interior	Ground	4	Bldg 17	NP	Positive	1.70
56	8/1/2014 10:19	Wall	Plaster	D	Intact	White	Interior	Ground	4	Bldg 17	NP	Positive	1.60
57	8/1/2014 10:20	Floor	Concrete	D	Poor	Gray	Interior	Ground	4	Bldg 17	NP	Negative	0.05
58	8/1/2014 10:21	Window	Metal	D	Intact	Green	Interior	Ground	4	Bldg 17	NP	Null	2.30
59	8/1/2014 10:21	Window	Metal	D	Intact	Green	Interior	Ground	4	Bldg 17	NP	Positive	4.20
60	8/1/2014 10:21	Window Frame	Metal	D	Intact	Green	Interior	Ground	4	Bldg 17	NP	Positive	4.40
61	8/1/2014 10:27	Wall	Gypsum Board	D	Intact	Cream	Interior	Ground	3c	Bldg 17	NP	Negative	0.00
62	8/1/2014 10:28	Wall	Metal	B	Intact	Cream	Interior	Ground	3c	Bldg 17	NP	Negative	0.00
63	8/1/2014 10:28	Door	Metal	A	Intact	Brown	Interior	Ground	3c	Bldg 17	NP	Negative	0.00
64	8/1/2014 10:29	Door Frame	Metal	A	Intact	Brown	Interior	Ground	3c	Bldg 17	NP	Negative	0.00
65	8/1/2014 10:30	Door Frame	Wood	A	Intact	Brown	Interior	Ground	3b	Bldg 17	NP	Negative	0.00
66	8/1/2014 10:30	Door	Wood	A	Fair	Brown	Interior	Ground	3b	Bldg 17	NP	Negative	0.00
67	8/1/2014 10:31	Wall	CMU	A	Fair	Beige	Interior	Ground	3b	Bldg 17	NP	Negative	0.00
68	8/1/2014 10:43	Door	Wood	A	Poor	White	Exterior	Ground		Bldg 17	NP	Positive	32.90
69	8/1/2014 10:44	Door Frame	Wood	A	Poor	White	Exterior	Ground		Bldg 17	NP	Positive	31.70
70	8/1/2014 10:44	Door Lintel	Metal	A	Poor	White	Exterior	Ground		Bldg 17	NP	Positive	45.40
71	8/1/2014 10:45	Window	Metal	A	Poor	White	Exterior	Ground		Bldg 17	NP	Negative	0.30
72	8/1/2014 10:45	Window	Metal	A	Poor	White	Exterior	Ground		Bldg 17	NP	Positive	25.00
73	8/1/2014 10:46	Window Lintel	Metal	A	Poor	White	Exterior	Ground		Bldg 17	NP	Positive	24.70
74	8/1/2014 10:49	Window	Metal	C	Intact	White	Exterior	Ground		Bldg 17	NP	Positive	13.00
75	8/1/2014 10:50	Door	Metal	C	Intact	White	Exterior	Ground		Bldg 17	NP	Negative	-0.46
76	8/1/2014 10:50	Door	Metal	C	Intact	White	Exterior	Ground		Bldg 17	NP	Negative	0.00
77	8/1/2014 10:50	Door Frame	Metal	C	Intact	White	Exterior	Ground		Bldg 17	NP	Negative	0.00
78	8/1/2014 10:52	Post	Metal	C	Poor	Brown	Exterior	Ground	Open Storage	Bldg 17	NP	Negative	0.00
79	8/1/2014 10:52	Post	Metal	C	Poor	Brown	Exterior	Ground	Open Storage	Bldg 17	NP	Negative	0.00
80	8/1/2014 10:55	Eave	Wood	C	Intact	White	Exterior	Ground	Open Storage	Bldg 17	NP	Positive	27.50
81	8/1/2014 10:55	Fascia	Wood	C	Intact	White	Exterior	Ground	Open Storage	Bldg 17	NP	Positive	29.20

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 17
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
82	8/1/2014 10:56	Rafter	Wood	C	Cracked	White	Exterior	Ground	Open Storage	Bldg 17	NP	Positive	34.20
83	8/1/2014 10:58	Window	Metal	D	Poor	White	Exterior	Ground	Open Storage	Bldg 17	NP	Positive	16.10
84	8/1/2014 10:59	Window Lintel	Metal	D	Poor	White	Exterior	Ground	Open Storage	Bldg 17	NP	Positive	20.00
85	8/1/2014 10:59	Wall	Factory Coated Metal	D	Intact	Beige	Exterior	Ground	Open Storage	Bldg 17	NP	Negative	0.12
86	8/1/2014 11:00	Door	Metal	D	Intact	White	Exterior	Ground	Open Storage	Bldg 17	NP	Negative	0.01
87	8/1/2014 11:00	Door Frame	Metal	D	Intact	White	Exterior	Ground	Open Storage	Bldg 17	NP	Negative	0.00
171	8/1/2014 14:00	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
172	8/1/2014 14:00	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90
173	8/1/2014 14:02	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00

* = Reading number 1 is an internal diagnostic reading that does not represent lead content on any items.

Null = Incomplete test due to instrument movement or early trigger release.

Reading numbers 88 - 170 apply to Building 18. Please see corresponding building table for this data.

ACTION LEVEL = 1.00 mg/cm^2

APPENDIX K-2
XRF Testing Location Plans

SIDE "C"

SIDE "B"

SIDE "D"

SIDE "A"



BUILDING 17

NOT TO SCALE

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 1: BUILDING 17

Safety Environmental Laboratories and Consulting, Inc.

SELC

989 Yeager Parkway
Pelham, AL 35124

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PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

BUILDING 17

SHEET 1 OF 1

APPENDIX K-3
Photographic Documentation

Photograph 17
Photographic Documentation



Photograph 1
Peeling LBP on interior face of metal window framing.



Photograph 2
Damaged LBP on exterior of wooden door and door frame.



Photograph 3
Area of damaged LBP on metal door lintel.



Photograph 4
Damaged LBP on exterior of metal window components – typical.

Photograph 17
Photographic Documentation



Photograph 5
Damaged LBP on exterior metal window lintel – typical.

NO PHOTOGRAPH

NO PHOTOGRAPH

NO PHOTOGRAPH

APPENDIX L

BUILDING 18
LAUNDRY



INCLUDED IN APPENDIX L:

L-1 – XRF Testing Data Sheets

L-2 – XRF Testing Location Plans

L-3 – Photographic Documentation

APPENDIX L-1
XRF Testing Data Sheets

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 18
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
1	8/1/2014 8:25												1.67*
2	8/1/2014 8:52	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
3	8/1/2014 8:54	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
4	8/1/2014 8:56	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
88	8/1/2014 12:32	Door Frame	Metal	B	Intact	White	Interior	Basement	B1	Bldg 18	NP	Negative	0.00
89	8/1/2014 12:33	Door	Metal	B	Intact	White	Interior	Basement	B1	Bldg 18	NP	Negative	0.00
90	8/1/2014 12:33	Window Cage	Metal	B	Poor	White	Interior	Basement	B1	Bldg 18	NP	Positive	8.80
91	8/1/2014 12:35	Wall	Concrete	C	Intact	Blue	Interior	Basement	B1	Bldg 18	NP	Positive	1.40
92	8/1/2014 12:36	Floor	Concrete	C	Poor	Gray	Interior	Basement	B1	Bldg 18	NP	Negative	0.03
93	8/1/2014 12:36	Pipe	Metal	A	Intact	Blue	Interior	Basement	B1	Bldg 18	NP	Positive	10.10
94	8/1/2014 12:38	Wall	Concrete	D	Intact	White	Interior	Basement	B2	Bldg 18	NP	Negative	0.00
95	8/1/2014 12:41	Door	Metal	A	Intact	Gray	Interior	Basement	B2	Bldg 18	NP	Negative	0.00
96	8/1/2014 12:42	Door Frame	Metal	A	Intact	Gray	Interior	Basement	B2	Bldg 18	NP	Negative	0.01
97	8/1/2014 12:43	Door Frame	Metal	B	Intact	White	Interior	Basement	B3	Bldg 18	NP	Negative	0.00
98	8/1/2014 12:43	Door	Metal	B	Intact	White	Interior	Basement	B3	Bldg 18	NP	Negative	0.00
99	8/1/2014 12:44	Floor	Concrete	B	Poor	Gray	Interior	Basement	B3	Bldg 18	NP	Positive	1.40
100	8/1/2014 12:45	Wall	Concrete	C	Intact	White	Interior	Basement	B3	Bldg 18	NP	Negative	0.00
101	8/1/2014 12:46	Ceiling	Concrete	C	Intact	White	Interior	Basement	B3	Bldg 18	NP	Negative	0.00
102	8/1/2014 12:50	Wall	Concrete	D	Poor	Green	Interior	Basement	B4	Bldg 18	NP	Negative	0.00
103	8/1/2014 12:51	Door	Metal	D	Intact	White	Interior	Basement	B4	Bldg 18	NP	Negative	0.00
104	8/1/2014 12:51	Door Frame	Metal	D	Intact	White	Interior	Basement	B4	Bldg 18	NP	Negative	0.00
105	8/1/2014 12:52	Column	Concrete	Central	Intact	Green	Interior	Basement	B4	Bldg 18	NP	Negative	0.01
106	8/1/2014 12:55	Wall	Brick	A	Intact	White	Interior	First	1	Bldg 18	NP	Negative	0.01
107	8/1/2014 12:56	Window	Metal	A	Intact	Black	Interior	First	1	Bldg 18	NP	Negative	0.17
108	8/1/2014 12:56	Window	Metal	B	Intact	Black	Interior	First	1	Bldg 18	NP	Negative	0.30
109	8/1/2014 12:57	Door Frame	Metal	B	Intact	Black	Interior	First	1	Bldg 18	NP	Negative	0.12
110	8/1/2014 12:57	Door	Wood	B	Intact	Black	Interior	First	1	Bldg 18	NP	Negative	0.80
111	8/1/2014 12:58	Door	Metal	A	Poor	White	Interior	First	4	Bldg 18	NP	Negative	0.00

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 18
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
112	8/1/2014 12:59	Door Frame	Metal	A	Poor	White	Interior	First	4	Bldg 18	NP	Negative	0.00
113	8/1/2014 13:00	Wall	Brick	B	Intact	Green	Interior	First	4	Bldg 18	NP	Negative	0.07
114	8/1/2014 13:00	Column	Concrete	B	Intact	Green	Interior	First	4	Bldg 18	NP	Negative	0.01
115	8/1/2014 13:01	Window	Metal	D	Intact	White	Interior	First	4	Bldg 18	NP	Negative	0.07
116	8/1/2014 13:02	Window Frame	Metal	D	Cracked	White	Interior	First	4	Bldg 18	NP	Negative	0.18
117	8/1/2014 13:02	Window Sill	Concrete	D	Cracked	White	Interior	First	4	Bldg 18	NP	Negative	0.02
118	8/1/2014 13:04	Window Sill	Concrete	D	Cracked	White	Interior	First	3	Bldg 18	NP	Negative	0.11
119	8/1/2014 13:04	Window	Metal	D	Fair	White	Interior	First	3	Bldg 18	NP	Negative	0.13
120	8/1/2014 13:05	Wall	Plaster	A	Intact	White	Interior	First	3	Bldg 18	NP	Negative	0.09
121	8/1/2014 13:05	Stall Door	Metal	C	Intact	White	Interior	First	3	Bldg 18	NP	Negative	0.01
122	8/1/2014 13:06	Stall Wall	Metal	C	Intact	White	Interior	First	3	Bldg 18	NP	Negative	0.01
123	8/1/2014 13:07	Door	Wood	B	Cracked	Gray	Interior	First	3	Bldg 18	NP	Positive	1.30
124	8/1/2014 13:07	Door Frame	Metal	B	Intact	Gray	Interior	First	3	Bldg 18	NP	Negative	0.10
125	8/1/2014 13:09	Wall	Plaster	B	Intact	White	Interior	First	2	Bldg 18	NP	Negative	0.00
126	8/1/2014 13:10	Wall	Brick	D	Intact	White	Interior	First	4a	Bldg 18	NP	Negative	0.00
127	8/1/2014 13:12	Window	Metal	D	Intact	White	Interior	First	4a	Bldg 18	NP	Negative	0.16
128	8/1/2014 13:12	Window Frame	Metal	D	Intact	White	Interior	First	4a	Bldg 18	NP	Negative	0.03
129	8/1/2014 13:12	Window Sill	Concrete	D	Intact	White	Interior	First	4a	Bldg 18	NP	Negative	0.02
130	8/1/2014 13:13	Wall	Metal	B	Intact	Green	Interior	First	4a	Bldg 18	NP	Negative	0.02
131	8/1/2014 13:13	Door	Metal	B	Intact	Green	Interior	First	4a	Bldg 18	NP	Negative	0.06
132	8/1/2014 13:15	Door	Wood	A	Fair	Green	Interior	First	5	Bldg 18	NP	Negative	0.07
133	8/1/2014 13:16	Door Frame	Wood	A	Fair	Green	Interior	First	5	Bldg 18	NP	Negative	0.01
134	8/1/2014 13:19	Wall	Plaster	C	Intact	Green	Interior	First	7	Bldg 18	NP	Null	0.90
135	8/1/2014 13:19	Wall	Plaster	C	Intact	Green	Interior	First	7	Bldg 18	NP	Negative	0.05
136	8/1/2014 13:21	Door	Metal	C	Poor	White	Interior	First	110	Bldg 18	NP	Negative	0.00
137	8/1/2014 13:22	Door Frame	Metal	C	Poor	White	Interior	First	110	Bldg 18	NP	Negative	0.00
138	8/1/2014 13:25	Structural Steel	Metal	C	Intact	White	Interior	First	4	Bldg 18	NP	Positive	25.90
139	8/1/2014 13:26	Structural Steel	Metal	C	Intact	White	Interior	First	4	Bldg 18	NP	Negative	0.00

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 18
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
140	8/1/2014 13:26	Structural Steel	Metal	C	Intact	White	Interior	First	4	Bldg 18	NP	Positive	16.90
141	8/1/2014 13:27	Roof Deck	Concrete	C	Intact	White	Interior	First	4	Bldg 18	NP	Negative	0.01
142	8/1/2014 13:27	Roof Deck	Concrete	C	Intact	White	Interior	First	4	Bldg 18	NP	Negative	0.01
143	8/1/2014 13:28	Roof Deck	Wood	C	Intact	White	Interior	First	5	Bldg 18	NP	Positive	9.10
144	8/1/2014 13:30	Window	Metal	A	Poor	White	Exterior	First		Bldg 18	NP	Positive	10.00
145	8/1/2014 13:30	Window Lintel	Metal	A	Poor	White	Exterior	First		Bldg 18	NP	Positive	11.30
146	8/1/2014 13:31	Door	Metal	A	Intact	White	Exterior	First		Bldg 18	NP	Negative	0.00
147	8/1/2014 13:31	Door Frame	Metal	A	Intact	White	Exterior	First		Bldg 18	NP	Negative	0.00
148	8/1/2014 13:32	Door Frame	Wood	A	Intact	White	Exterior	First		Bldg 18	NP	Negative	0.00
149	8/1/2014 13:32	Door	Wood	A	Intact	White	Exterior	First		Bldg 18	NP	Negative	0.04
150	8/1/2014 13:33	Handrail	Metal	A	Poor	White	Exterior	First		Bldg 18	NP	Positive	19.30
151	8/1/2014 13:34	Awning Post	Metal	A	Poor	Silver	Exterior	First		Bldg 18	NP	Negative	0.00
152	8/1/2014 13:35	Roll Up Door Frame	Metal	A	Intact	Black	Exterior	First		Bldg 18	NP	Negative	0.00
153	8/1/2014 13:36	Crawlspace Vent	Metal	A	Intact	Black	Exterior	First		Bldg 18	NP	Negative	0.01
154	8/1/2014 13:37	Crawlspace Vent	Metal	A	Intact	Black	Exterior	First		Bldg 18	NP	Negative	0.00
155	8/1/2014 13:38	Window Awning	Metal	A	Intact	White	Exterior	First		Bldg 18	NP	Negative	0.00
156	8/1/2014 13:38	Window Awning	Metal	A	Intact	White	Exterior	First		Bldg 18	NP	Negative	0.00
157	8/1/2014 13:39	Door	Wood	A	Poor	White	Exterior	First		Bldg 18	NP	Negative	0.07
158	8/1/2014 13:39	Door Frame	Wood	A	Poor	White	Exterior	First		Bldg 18	NP	Negative	0.00
159	8/1/2014 13:40	Handrail	Metal	A	Poor	White	Exterior	First		Bldg 18	NP	Negative	0.00
160	8/1/2014 13:40	Handrail	Metal	B	Poor	White	Exterior	First		Bldg 18	NP	Negative	0.00
161	8/1/2014 13:41	Window	Metal	B	Poor	White	Exterior	First		Bldg 18	NP	Negative	0.06
162	8/1/2014 13:44	Handrail	Metal	C	Poor	Black	Exterior	First		Bldg 18	NP	Negative	0.13
163	8/1/2014 13:44	Eave	Wood	C	Intact	White	Exterior	First		Bldg 18	NP	Null	0.00
164	8/1/2014 13:44	Eave	Wood	C	Intact	White	Exterior	First		Bldg 18	NP	Negative	0.00
165	8/1/2014 13:45	Fascia	Wood	C	Intact	White	Exterior	First		Bldg 18	NP	Negative	0.00
166	8/1/2014 13:46	Awning Post	Metal	C	Fair	White	Exterior	First		Bldg 18	NP	Negative	0.00
167	8/1/2014 13:46	Awning Post	Metal	C	Fair	White	Exterior	First		Bldg 18	NP	Negative	0.00

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 18
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
168	8/1/2014 13:49	Window	Metal	D	Poor	White	Exterior	First		Bldg 18	NP	Negative	0.40
169	8/1/2014 13:50	Door	Metal	D	Intact	White	Exterior	First		Bldg 18	NP	Negative	0.00
170	8/1/2014 13:50	Door Frame	Metal	D	Intact	White	Exterior	First		Bldg 18	NP	Negative	0.00
171	8/1/2014 14:00	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
172	8/1/2014 14:00	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90
173	8/1/2014 14:02	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00

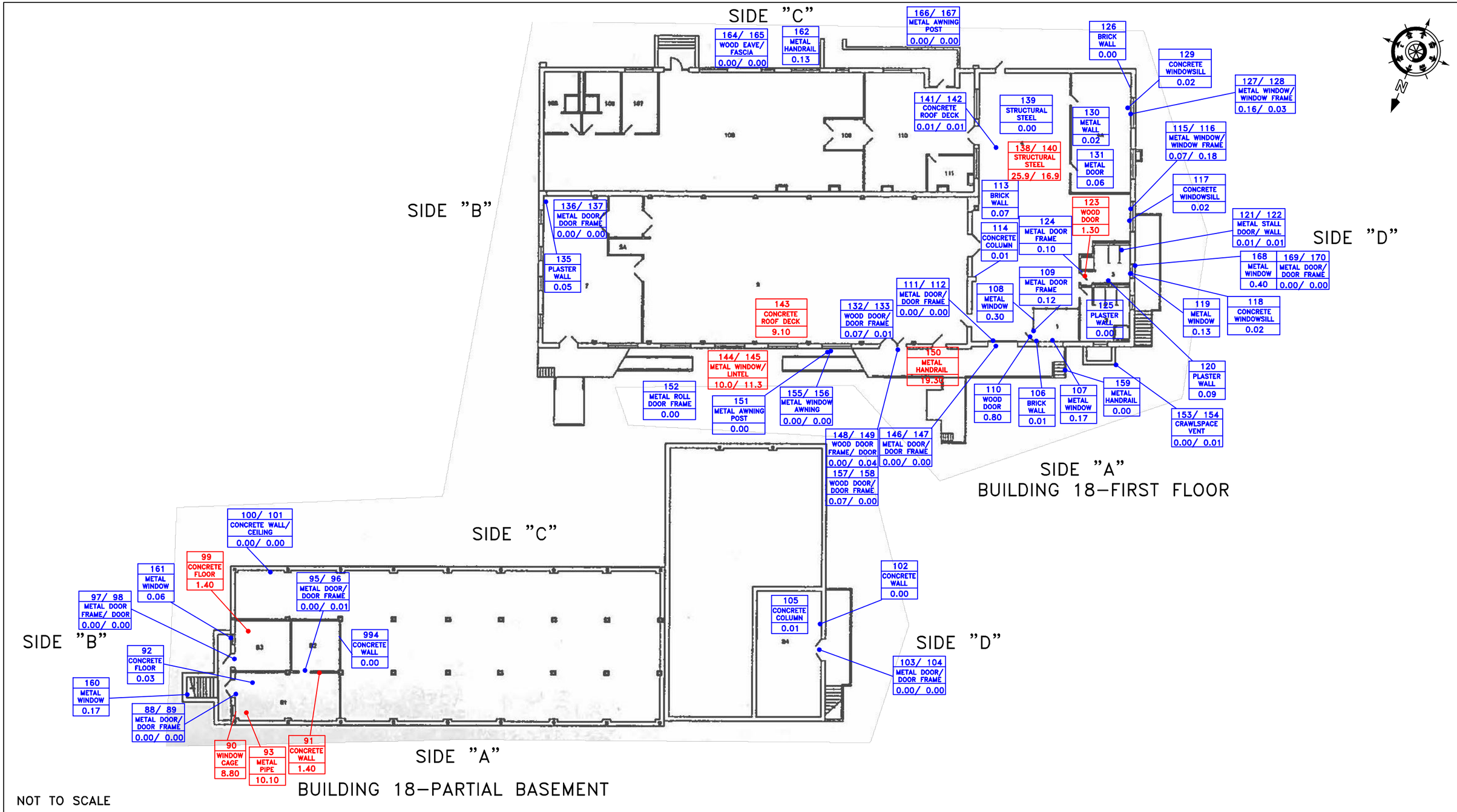
* = Reading number 1 is an internal diagnostic reading that does not represent lead content on any items.

Null = Incomplete test due to instrument movement or early trigger release.

Reading numbers 5 - 87 apply to Building 17. Please see corresponding building table for this data.

ACTION LEVEL = 1.00 mg/cm^2

APPENDIX L-2
XRF Testing Location Plans



NOT TO SCALE

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 1: BUILDING 18

Safety Environmental Laboratories and Consulting, Inc.
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PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404
SELC PROJECT NO.: 2014–1107

BUILDING 18

SHEET 1 OF 1

APPENDIX L-3
Photographic Documentation

Building 18
Photographic Documentation



Photograph 1
Damaged LBP on metal window screen in basement.



Photograph 2
Damaged LBP on concrete floor in basement.



Photograph 3
Area of damaged LBP on wooden door to Room 3.



Photograph 4
Cracked LBP on exterior metal windows – typical. Damaged LBP on window lintels (not pictured) – typical.

Building 18
Photographic Documentation



Photograph 5
Damaged LBP on exterior metal handrails – typical.



Photograph 6
Damaged LBP on exterior metal handrails – typical.

NO PHOTOGRAPH

NO PHOTOGRAPH

APPENDIX P

BUILDING 39
OFFICE BUILDING/TUSCALOOSA OIT OFFICES



INCLUDED IN APPENDIX P:

P-1 – XRF Testing Data Sheets

P-2 – XRF Testing Location Plans

P-3 – Photographic Documentation

APPENDIX P-1
XRF Testing Data Sheets

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 39
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
1	7/24/2014 7:58												1.30*
2	7/24/2014 8:10	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
3	7/24/2014 8:12	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
4	7/24/2014 8:13	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90
5	7/24/2014 8:45	Sprinkler Pipe	Metal	A	Intact	Red	Interior	Attic	Attic	Bldg 39	NP	Negative	0.02
6	7/24/2014 8:47	Structural Steel	Metal	B	Peeling	Tan	Interior	Attic	Attic	Bldg 39	NP	Positive	11.60
7	7/24/2014 8:48	Window	Wood	B	Cracked	White	Interior	Attic	Attic	Bldg 39	NP	Positive	13.90
8	7/24/2014 8:50	Structural Steel	Metal	A	Cracked	Tan	Interior	Attic	Attic	Bldg 39	NP	Positive	9.00
9	7/24/2014 8:51	Window	Wood	A	Poor	White	Interior	Attic	Attic	Bldg 39	NP	Positive	17.60
10	7/24/2014 8:53	Door	Metal	Central	Intact	Green	Interior	Attic	Attic	Bldg 39	NP	Negative	0.16
11	7/24/2014 8:53	Door Frame	Metal	Central	Intact	Green	Interior	Attic	Attic	Bldg 39	NP	Positive	2.30
12	7/24/2014 8:54	Sprinkler Pipe	Metal	D	Intact	Red	Interior	Attic	Attic	Bldg 39	NP	Negative	0.02
13	7/24/2014 8:55	Handrail	Metal	D	Intact	Black	Interior	Attic	Attic	Bldg 39	NP	Positive	2.60
14	7/24/2014 8:55	Handrail	Metal	D	Intact	Black	Interior	Attic	Attic	Bldg 39	NP	Positive	1.50
15	7/24/2014 8:59	Door	Metal	C	Intact	Brown	Interior	Second	Stairwell	Bldg 39	NP	Negative	0.15
16	7/24/2014 9:00	Door Frame	Metal	C	Intact	Tan	Interior	Second	Stairwell	Bldg 39	NP	Positive	1.80
17	7/24/2014 9:02	Wall	Plaster	C	Intact	White	Interior	Second	207	Bldg 39	NP	Negative	0.00
18	7/24/2014 9:08	Column	Plaster	C	Intact	White	Interior	Second	207	Bldg 39	NP	Negative	0.90
19	7/24/2014 9:11	Door Frame	Metal	A	Intact	Tan	Interior	Second	207	Bldg 39	NP	Null	1.20
20	7/24/2014 9:13	Door Frame	Metal	A	Intact	Tan	Interior	Second	207	Bldg 39	NP	Negative	0.60
21	7/24/2014 9:14	Radiator Cover	Metal	D	Intact	White	Interior	Second	210	Bldg 39	NP	Negative	0.40
22	7/24/2014 9:15	Window	Metal	D	Intact	White	Interior	Second	210	Bldg 39	NP	Negative	0.00
23	7/24/2014 9:16	Window Frame	Metal	D	Intact	White	Interior	Second	210	Bldg 39	NP	Positive	7.10
24	7/24/2014 9:25	Cage	Metal	B	Poor	White	Interior	Second	212c	Bldg 39	NP	Positive	14.30
25	7/24/2014 9:25	Window Frame	Metal	B	Poor	White	Interior	Second	212c	Bldg 39	NP	Negative	0.00
26	7/24/2014 9:26	Door	Wood	C	Poor	White	Interior	Second	212c	Bldg 39	NP	Negative	0.00
27	7/24/2014 9:27	Door Frame	Wood	C	Intact	White	Interior	Second	212c	Bldg 39	NP	Positive	23.20
28	7/24/2014 9:28	Window Frame	Metal	B	Intact	Beige	Interior	Second	211g	Bldg 39	NP	Positive	9.70

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 39
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
29	7/24/2014 9:30	Window Sill	Wood	B	Intact	Beige	Interior	Second	211g	Bldg 39	NP	Negative	0.70
30	7/24/2014 9:35	Wall	Plaster	A	Intact	Beige	Interior	Second	211g	Bldg 39	NP	Negative	0.80
31	7/24/2014 9:38	Fire Ext. Cab. Door	Wood	C	Intact	Red	Interior	Second	Corridor 241	Bldg 39	NP	Negative	0.07
32	7/24/2014 9:40	Fire Ext. Cab. Door Frame	Metal	C	Intact	Tan	Interior	Second	Corridor 241	Bldg 39	NP	Positive	1.60
33	7/24/2014 9:44	Radiator Cover	Metal	A	Intact	Beige	Interior	Second	Corridor 219	Bldg 39	NP	Negative	-0.54
34	7/24/2014 9:45	Radiator Cover	Metal	A	Intact	Beige	Interior	Second	Corridor 219	Bldg 39	NP	Negative	0.12
35	7/24/2014 9:45	Window Frame	Metal	A	Intact	Beige	Interior	Second	Corridor 219	Bldg 39	NP	Positive	6.20
36	7/24/2014 9:46	Window Sill	Wood	A	Intact	Beige	Interior	Second	Corridor 219	Bldg 39	NP	Negative	0.30
37	7/24/2014 9:50	Handrail	Wood	C	Intact	Tan	Interior	Second	Corridor 240	Bldg 39	NP	Negative	0.00
38	7/24/2014 9:50	Handrail	Wood	A	Intact	Tan	Interior	Second	Corridor 240	Bldg 39	NP	Negative	0.00
39	7/24/2014 9:53	Wall	Plaster	D	Poor	White	Interior	Second	223	Bldg 39	NP	Negative	0.00
40	7/24/2014 9:56	Door Frame	Metal	C	Intact	Tan	Interior	Second	223	Bldg 39	NP	Positive	2.10
41	7/24/2014 10:05	Cage	Metal	B	Peeling	White	Interior	Second	Stairwell 225	Bldg 39	NP	Positive	1.20
42	7/24/2014 10:06	Handrail	Metal	A	Intact	Brown	Interior	Second	Stairwell 225	Bldg 39	NP	Negative	0.17
43	7/24/2014 10:13	Wall	Plaster	A	Intact	White	Interior	First	111f	Bldg 39	NP	Negative	0.00
44	7/24/2014 10:14	Window Frame	Metal	B	Intact	White	Interior	First	111f	Bldg 39	NP	Positive	7.70
45	7/24/2014 10:15	Window Sill	Wood	B	Intact	White	Interior	First	111f	Bldg 39	NP	Negative	0.50
46	7/24/2014 10:16	Door Frame	Metal	D	Intact	Tan	Interior	First	111f	Bldg 39	NP	Negative	0.00
47	7/24/2014 10:26	Column	Plaster	D	Intact	Green	Interior	First	Corridor 100	Bldg 39	NP	Null	1.10
48	7/24/2014 10:29	Column	Plaster	D	Intact	Green	Interior	First	Corridor 100	Bldg 39	NP	Null	1.10
49	7/24/2014 10:31	Column	Plaster	D	Intact	Green	Interior	First	Corridor 100	Bldg 39	NP	Null	0.90
50	7/24/2014 10:35	Column	Plaster	D	Intact	Green	Interior	First	Corridor 100	Bldg 39	NP	Positive	1.20
51	7/24/2014 10:37	Wall	Plaster	B	Intact	Green	Interior	First	Corridor 100	Bldg 39	NP	Negative	0.30
52	7/24/2014 10:38	Door Frame	Metal	D	Intact	Tan	Interior	First	127	Bldg 39	NP	Negative	0.03
53	7/24/2014 11:40	Ceiling	Plaster	D	Intact	White	Interior	First	Corridor 135	Bldg 39	NP	Null	0.17
54	7/24/2014 11:42	Ceiling	Plaster	D	Intact	White	Interior	First	Corridor 135	Bldg 39	NP	Negative	0.13
55	7/24/2014 11:45	Ceiling	Plaster	D	Intact	White	Interior	First	121	Bldg 39	NP	Null	0.30
56	7/24/2014 11:45	Ceiling	Plaster	D	Intact	White	Interior	First	121	Bldg 39	NP	Negative	0.23

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 39
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
57	7/24/2014 11:49	Fire Ext. Cab. Door	Plaster	A	Intact	Red	Interior	First	137	Bldg 39	NP	Negative	0.12
58	7/24/2014 11:50	Fire Ext. Cab. Door Frame	Metal	A	Intact	Tan	Interior	First	137	Bldg 39	NP	Positive	8.40
59	7/24/2014 12:13	Elevator Door	Metal	B	Intact	Green	Interior	First	137	Bldg 39	NP	Negative	0.00
60	7/24/2014 12:17	Wall	Plaster	A	Intact	Yellow	Interior	First	Stairwell 123	Bldg 39	NP	Null	0.50
61	7/24/2014 12:19	Wall	Plaster	A	Intact	Yellow	Interior	First	Stairwell 123	Bldg 39	NP	Positive	1.30
62	7/24/2014 12:20	Radiator Cover	Metal	A	Intact	White	Interior	First	Stairwell 123	Bldg 39	NP	Negative	0.14
63	7/24/2014 12:22	Cage	Metal	B	Poor	White	Interior	First	Stairwell 123	Bldg 39	NP	Positive	1.70
64	7/24/2014 12:24	Stringer	Concrete	A	Intact	Brown	Interior	First	Stairwell 123	Bldg 39	NP	Negative	0.01
65	7/24/2014 12:24	Tread	Concrete	A	Intact	Brown	Interior	First	Stairwell 123	Bldg 39	NP	Negative	0.00
66	7/24/2014 12:25	Riser	Concrete	A	Intact	Brown	Interior	First	Stairwell 123	Bldg 39	NP	Negative	0.00
67	7/24/2014 12:26	Handrail	Metal	A	Poor	Brown	Interior	First	Stairwell 123	Bldg 39	NP	Negative	0.01
68	7/24/2014 12:31	Door	Metal	B	Intact	Tan	Interior	Basement	Corridor 19	Bldg 39	NP	Positive	1.40
69	7/24/2014 12:32	Door Frame	Metal	B	Intact	Tan	Interior	Basement	Corridor 19	Bldg 39	NP	Positive	1.80
70	7/24/2014 12:34	Ceiling	Plaster	B	Intact	White	Interior	Basement	Corridor 19	Bldg 39	NP	Null	0.18
71	7/24/2014 12:35	Ceiling	Plaster	B	Intact	White	Interior	Basement	Corridor 19	Bldg 39	NP	Null	0.30
72	7/24/2014 12:41	Ceiling	Plaster	B	Intact	White	Interior	Basement	Corridor 19	Bldg 39	NP	Positive	1.10
73	7/24/2014 12:43	Wall	Plaster	C	Intact	White	Interior	Basement	15	Bldg 39	NP	Null	0.00
74	7/24/2014 12:43	Wall	Plaster	C	Intact	White	Interior	Basement	15	Bldg 39	NP	Negative	0.00
75	7/24/2014 12:49	Ceiling	Concrete	C	Intact	White	Interior	Basement	15	Bldg 39	NP	Negative	0.00
76	7/24/2014 12:51	Door Frame	Metal	C	Intact	Beige	Interior	Basement	9	Bldg 39	NP	Positive	2.60
77	7/24/2014 12:54	Ceiling	Concrete	C	Intact	White	Interior	Basement	19a	Bldg 39	NP	Negative	0.02
78	7/24/2014 13:00	Wall	Plaster	B	Intact	Green	Interior	Basement	Corridor 5	Bldg 39	NP	Negative	0.00
79	7/24/2014 13:01	Column	Plaster	B	Intact	Green	Interior	Basement	Corridor 5	Bldg 39	NP	Negative	0.50
80	7/24/2014 13:03	Cove Base	Concrete	D	Intact	Black	Interior	Basement	Corridor 5	Bldg 39	NP	Negative	0.16
81	7/24/2014 13:04	Cove Base	Concrete	B	Intact	Black	Interior	Basement	Corridor 5	Bldg 39	NP	Negative	0.13
82	7/24/2014 13:04	Door Frame	Metal	B	Intact	White	Interior	Basement	5n	Bldg 39	NP	Negative	0.02
83	7/24/2014 13:10	Ceiling	Concrete	B	Poor	White	Interior	Basement	5L	Bldg 39	NP	Negative	0.01
84	7/24/2014 13:17	Awning Poles	Metal	A	Fair	Black	Exterior			Bldg 39	NP	Negative	0.00

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 39
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
85	7/24/2014 13:17	Handrail	Metal	A	Intact	Black	Exterior			Bldg 39	NP	Negative	0.00
86	7/24/2014 13:18	Downspout Base	Metal	A	Poor	Black	Exterior			Bldg 39	NP	Positive	2.00
87	7/24/2014 13:20	Window Lintel	Metal	A	Poor	White	Exterior			Bldg 39	NP	Positive	35.70
88	7/24/2014 13:20	Window Lintel	Metal	A	Poor	White	Exterior			Bldg 39	NP	Positive	35.80
122	7/24/2014 15:22	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
123	7/24/2014 15:23	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.10
124	7/24/2014 15:24	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.10

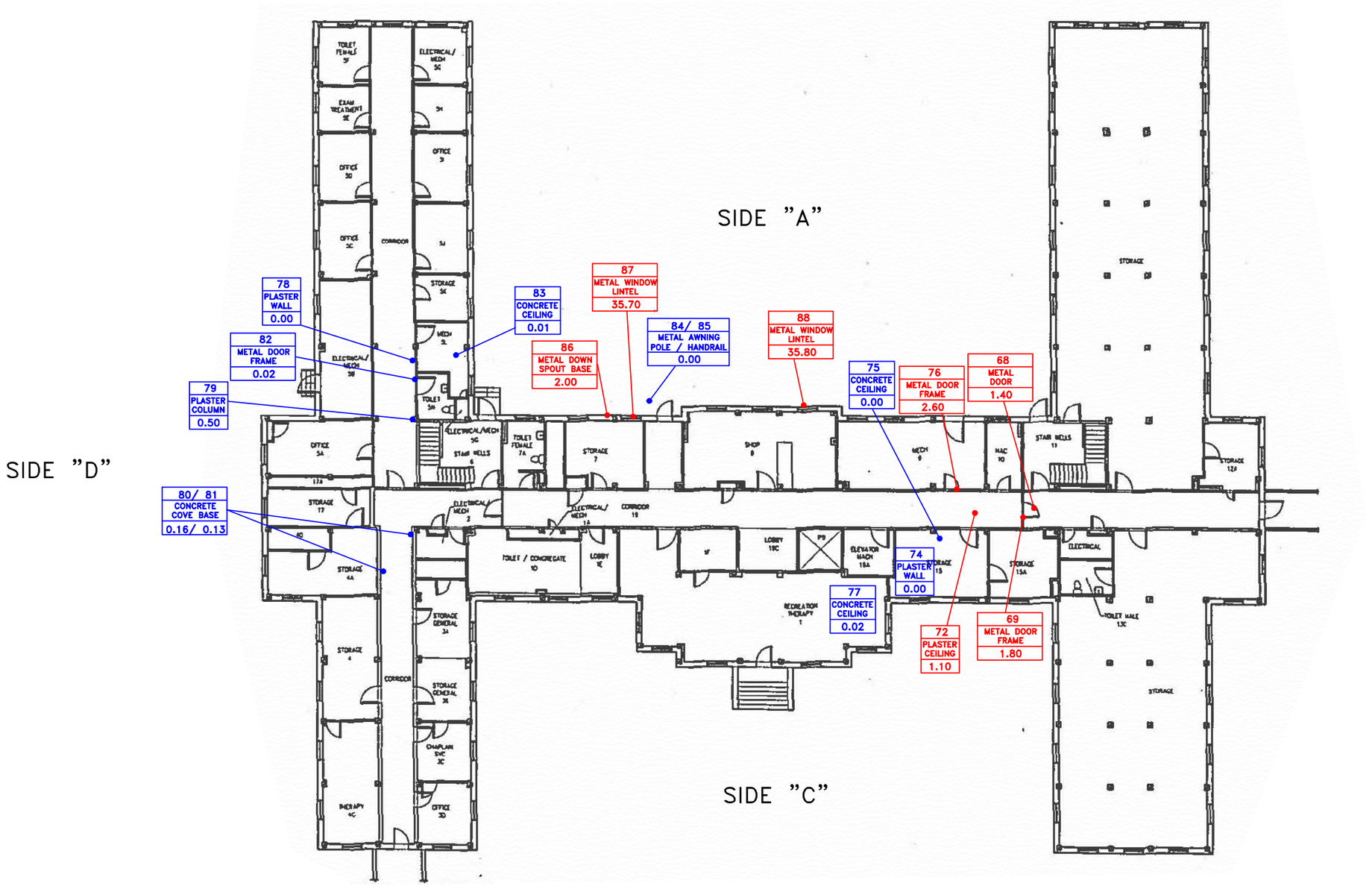
* = Reading number 1 is an internal diagnostic reading that does not represent lead content on any items.

Null = Incomplete test due to instrument movement or early trigger release.

Readings 89-121 apply to a portion of Building 40, also tested on same date. Please see corresponding building table for this data.

ACTION LEVEL = 1.00 mg/cm^2

APPENDIX P-2
XRF Testing Location Plans



NOT TO SCALE

BUILDING 39 – BASEMENT

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 1: BUILDING 39 – BASEMENT

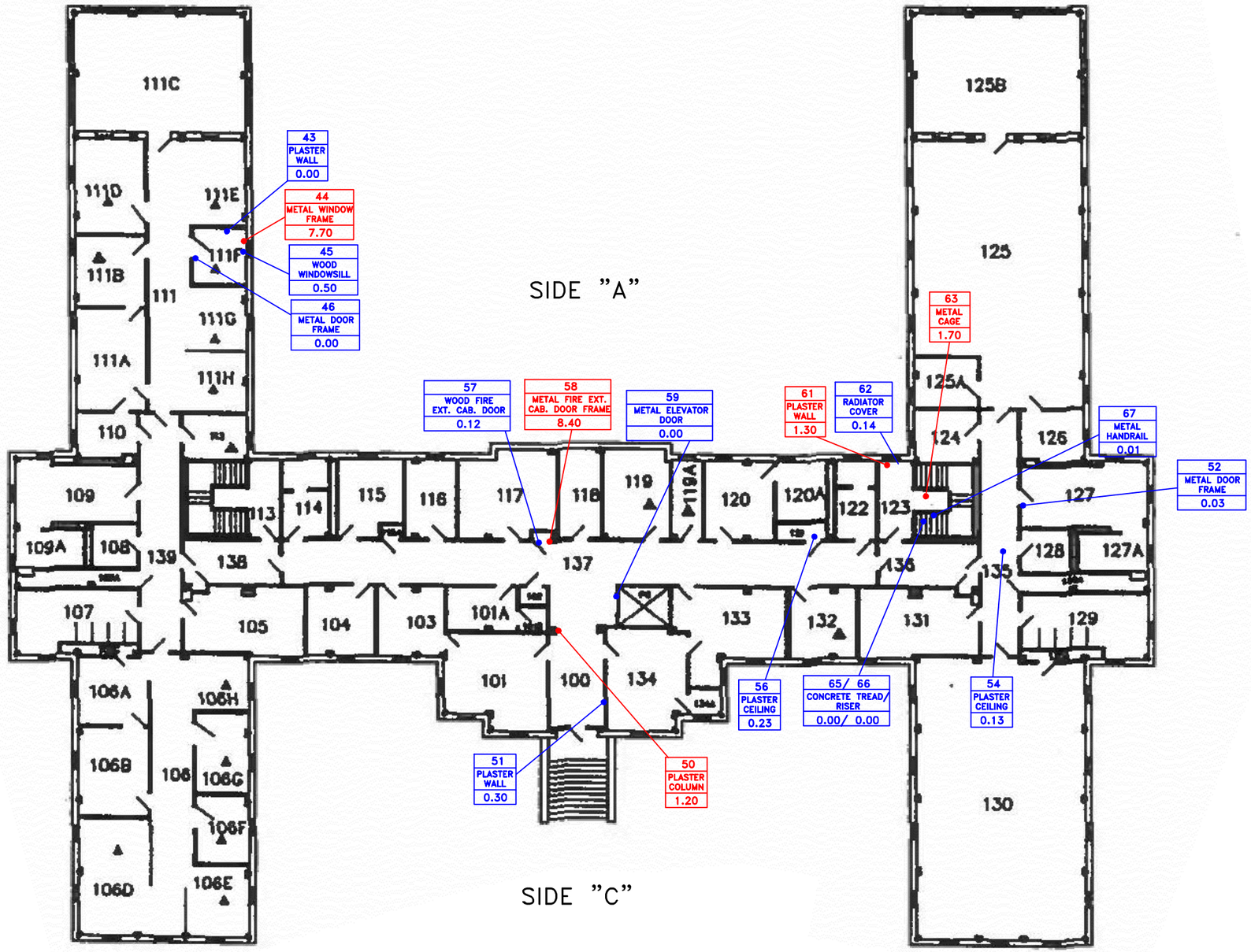
Safety Environmental Laboratories and Consulting, Inc.
SELC
989 Yeager Parkway
Pelham, AL 35124
(205) 823-6200 fax (205) 823-9066

PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

BUILDING 39
BASEMENT
SHEET 1 OF 4



NOT TO SCALE

BUILDING 39 – FIRST FLOOR

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 2: BUILDING 39 – FIRST FLOOR

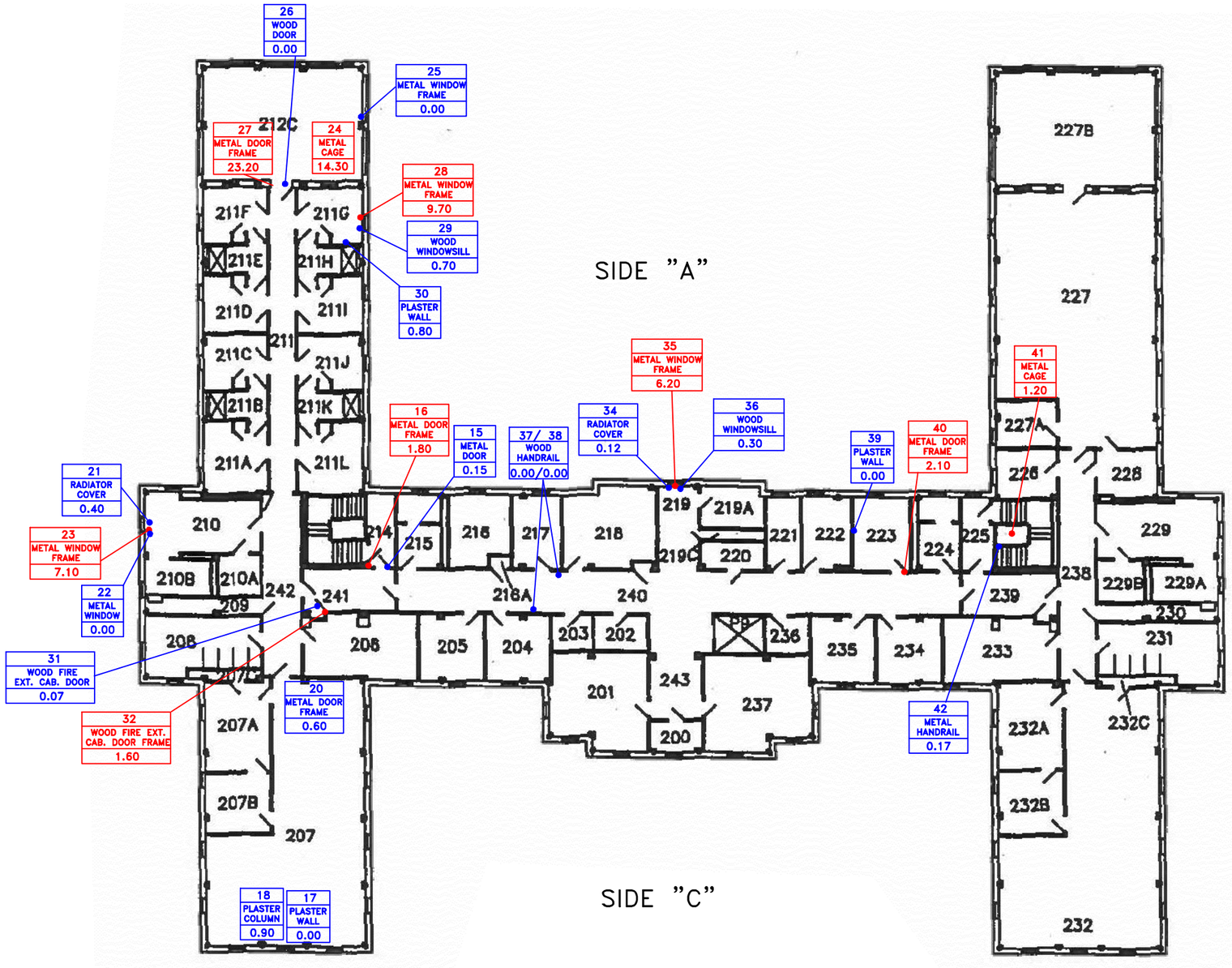
Safety Environmental Laboratories and Consulting, Inc.
SELC
989 Yeager Parkway
Pelham, AL 35124
(205) 823-6200 fax (205) 823-9066

PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

BUILDING 39
FIRST FLOOR
SHEET 2 OF 4



NOT TO SCALE

BUILDING 39 – SECOND FLOOR

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 3: BUILDING 39 – SECOND FLOOR

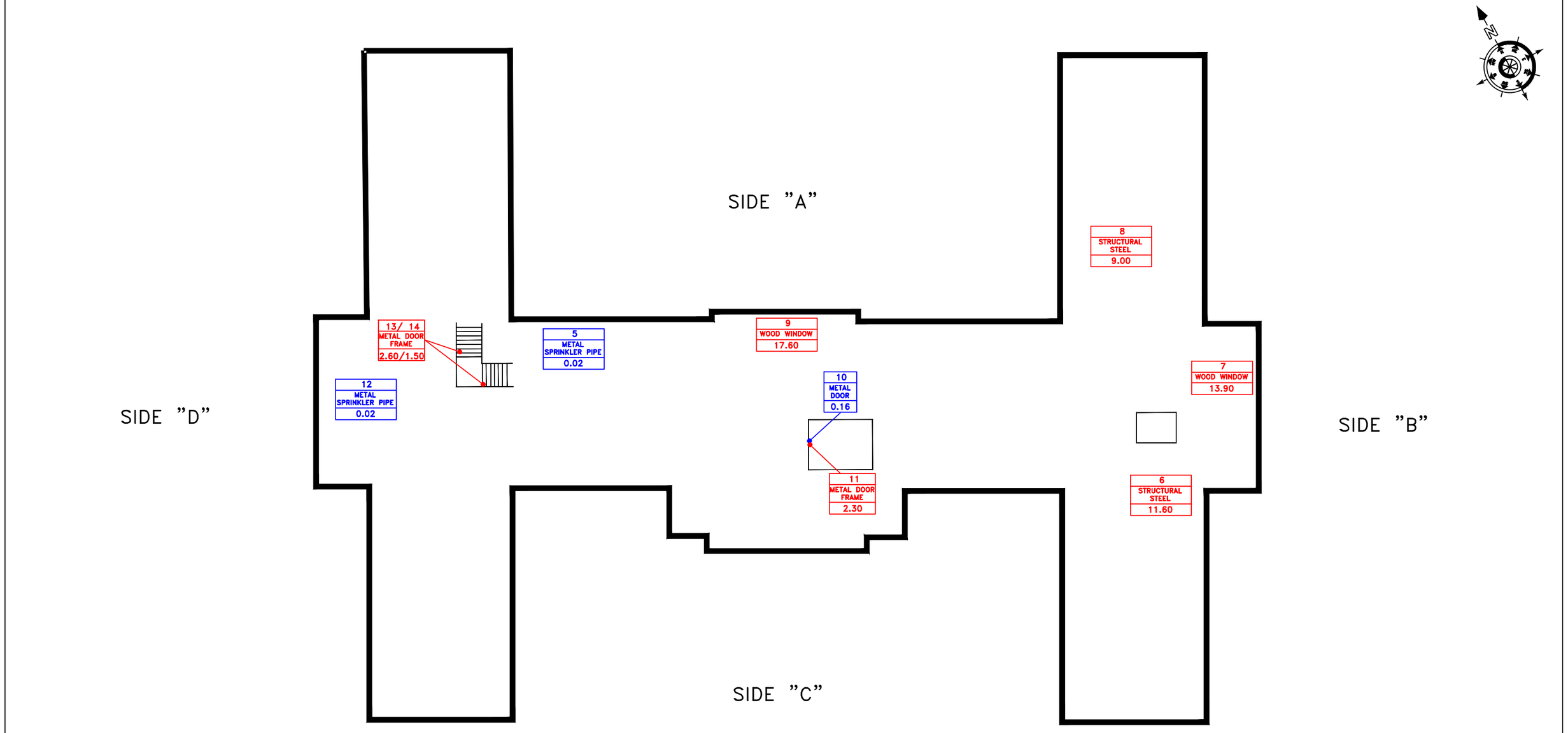
Safety Environmental Laboratories and Consulting, Inc.
989 Yeager Parkway
Pelham, AL 35124
(205) 823-6200 fax (205) 823-9066

PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

BUILDING 39
SECOND FLOOR
SHEET 3 OF 4



NOT TO SCALE

BUILDING 39 – ATTIC

XRF # —— XRF TEST NUMBER
BUILDING COMPONENT —— BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) —— RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 4: BUILDING 39 – ATTIC

Safety Environmental Laboratories and Consulting, Inc.
SELC
989 Yeager Parkway
Pelham, AL 35124
(205) 823-6200 fax (205) 823-9066

PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

BUILDING 39
ATTIC
SHEET 4 OF 4

APPENDIX P-3
Photographic Documentation

Building 39
Photographic Documentation



Photograph 1
Peeling LBP on structural steel, photographed in attic – typical.



Photograph 2
Damaged LBP on metal cages in porches – typical.



Photograph 3
Damaged LBP on metal down spout bases on exterior of building – typical.



Photograph 4
Damaged/deteriorating LBP on metal window lintels – typical.

Building 39
Photographic Documentation



Photograph 5
Cracked LBP on wood windows in attic – typical.



Photograph 6
Area of damaged LBP on metal cage in stairwell – typical.



Photograph 7
Damaged LBP on concrete ceiling in basement mechanical room.



Photograph 8
Damaged/peeling LBP on plaster ceiling in first floor office (130).

APPENDIX Q

BUILDING 40
DAYCARE / OIT OFFICE
BUILDING 40



INCLUDED IN APPENDIX Q:

Q-1 – XRF Testing Data Sheets

Q-2 – XRF Testing Location Plans

Q-3 – Photographic Documentation

APPENDIX Q-1
XRF Testing Data Sheets

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 40
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
1	7/24/2014 7:58												1.30*
2	7/24/2014 8:10	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
3	7/24/2014 8:12	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
4	7/24/2014 8:13	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90
89	7/24/2014 14:25	Window	Wood	B	Poor	White	Interior	Attic	Attic	Bldg 40	NP	Positive	19.00
90	7/24/2014 14:26	Sprinkler Pipe	Metal	B	Intact	Red	Interior	Attic	Attic	Bldg 40	NP	Negative	0.00
91	7/24/2014 14:27	Structural Steel	Metal	B	Intact	Tan	Interior	Attic	Attic	Bldg 40	NP	Positive	21.90
92	7/24/2014 14:27	Structural Steel	Metal	B	Peeling	Tan	Interior	Attic	Attic	Bldg 40	NP	Positive	8.40
93	7/24/2014 14:29	Structural Steel	Metal	A	Peeling	Tan	Interior	Attic	Attic	Bldg 40	NP	Positive	15.70
94	7/24/2014 14:29	Sprinkler Pipe	Metal	A	Intact	Red	Interior	Attic	Attic	Bldg 40	NP	Negative	0.00
95	7/24/2014 14:30	Window	Wood	A	Poor	White	Interior	Attic	Attic	Bldg 40	NP	Positive	9.70
96	7/24/2014 14:31	Door	Metal	Central	Fair	Gray	Interior	Attic	Attic	Bldg 40	NP	Null	0.24
97	7/24/2014 14:32	Door	Metal	Central	Fair	Gray	Interior	Attic	Attic	Bldg 40	NP	Negative	0.30
98	7/24/2014 14:32	Door Frame	Metal	Central	Fair	Gray	Interior	Attic	Attic	Bldg 40	NP	Positive	3.60
99	7/24/2014 14:34	Door Frame	Metal	B	Intact	Tan	Interior	Attic	Stairwell	Bldg 40	NP	Positive	3.00
100	7/24/2014 14:34	Door	Metal	B	Intact	Brown	Interior	Attic	Stairwell	Bldg 40	NP	Negative	0.00
101	7/24/2014 14:35	Handrail	Metal	B	Intact	Black	Interior	Attic	Stairwell	Bldg 40	NP	Positive	3.00
102	7/24/2014 14:38	Wall	Plaster	A	Intact	White	Interior	Second	Stairwell 213	Bldg 40	NP	Null	0.50
103	7/24/2014 14:40	Wall	Plaster	A	Intact	White	Interior	Second	Stairwell 213	Bldg 40	NP	Positive	1.30
104	7/24/2014 14:41	Ceiling	Plaster	A	Intact	White	Interior	Second	Stairwell 213	Bldg 40	NP	Positive	1.70
105	7/24/2014 14:44	Window Frame	Metal	A	Intact	White	Interior	Second	Stairwell 213	Bldg 40	NP	Positive	9.00
106	7/24/2014 14:45	Window Sill	Wood	A	Intact	White	Interior	Second	Stairwell 213	Bldg 40	NP	Negative	0.14
107	7/24/2014 14:45	Radiator Cover	Metal	A	Intact	White	Interior	Second	Stairwell 213	Bldg 40	NP	Negative	0.14
108	7/24/2014 14:46	Cage	Metal	D	Intact	White	Interior	Second	Stairwell 213	Bldg 40	NP	Positive	1.70
109	7/24/2014 14:46	Handrail	Metal	D	Intact	Brown	Interior	Second	Stairwell 213	Bldg 40	NP	Null	0.00
110	7/24/2014 14:47	Handrail	Metal	D	Intact	Brown	Interior	Second	Stairwell 213	Bldg 40	NP	Negative	0.00
111	7/24/2014 14:50	Wall	Plaster	A	Intact	White	Interior	Second	219	Bldg 40	NP	Null	0.02
112	7/24/2014 14:53	Wall	Plaster	A	Intact	White	Interior	Second	219	Bldg 40	NP	Positive	1.20

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 40
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
113	7/24/2014 14:56	Column	Plaster	D	Intact	White	Interior	Second	219	Bldg 40	NP	Negative	0.15
114	7/24/2014 14:56	Window	Metal	D	Intact	White	Interior	Second	219	Bldg 40	NP	Positive	7.90
115	7/24/2014 14:57	Window Sill	Wood	D	Intact	White	Interior	Second	219	Bldg 40	NP	Null	1.00
116	7/24/2014 15:00	Window Sill	Wood	D	Intact	White	Interior	Second	219	Bldg 40	NP	Null	0.90
117	7/24/2014 15:02	Window Sill	Wood	D	Intact	White	Interior	Second	219	Bldg 40	NP	Null	1.10
118	7/24/2014 15:05	Window Sill	Wood	D	Intact	White	Interior	Second	219	Bldg 40	NP	Null	0.90
119	7/24/2014 15:05	Window Sill	Wood	D	Intact	White	Interior	Second	219	Bldg 40	NP	Positive	11.80
120	7/24/2014 15:07	Door Frame	Metal	A	Intact	Tan	Interior	Second	201	Bldg 40	NP	Null	0.70
121	7/24/2014 15:07	Door Frame	Metal	A	Intact	Tan	Interior	Second	201	Bldg 40	NP	Positive	1.90
122	7/24/2014 15:22	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
123	7/24/2014 15:23	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.10
124	7/24/2014 15:24	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.10
125	7/25/2014 8:12												1.54*
126	7/25/2014 8:22	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90
127	7/25/2014 8:24	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
128	7/25/2014 8:25	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.10
129	7/25/2014 8:55	Wall	Gypsum Board	A	Intact	Green	Interior	Basement	14	Bldg 40 Daycare	NP	Negative	0.00
130	7/25/2014 8:58	Wall	Plaster	B	Intact	Green	Interior	Basement	14	Bldg 40 Daycare	NP	Negative	0.20
131	7/25/2014 8:59	Wall	Plaster	C	Intact	Green	Interior	Basement	14	Bldg 40 Daycare	NP	Negative	0.00
132	7/25/2014 8:59	Wall	Plaster	D	Intact	Green	Interior	Basement	14	Bldg 40 Daycare	NP	Null	0.11
133	7/25/2014 9:02	Wall	Plaster	D	Intact	Green	Interior	Basement	14	Bldg 40 Daycare	NP	Negative	0.16
134	7/25/2014 9:03	Column	Gypsum Board	B	Intact	Green	Interior	Basement	14	Bldg 40 Daycare	NP	Negative	0.00
135	7/25/2014 9:04	Window Frame	Metal	B	Intact	Green	Interior	Basement	14	Bldg 40 Daycare	NP	Negative	0.00

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 40
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
136	7/25/2014 9:05	Window Frame	Wood	B	Intact	Green	Interior	Basement	14	Bldg 40 Daycare	NP	Negative	0.00
137	7/25/2014 9:08	Ceiling	Concrete	D	Intact	White	Interior	Basement	14	Bldg 40 Daycare	NP	Negative	0.04
138	7/25/2014 9:10	Door	Metal	B	Intact	Gray	Interior	Basement	14	Bldg 40 Daycare	NP	Negative	0.00
139	7/25/2014 9:10	Door Frame	Metal	B	Intact	Gray	Interior	Basement	14	Bldg 40 Daycare	NP	Negative	0.00
140	7/25/2014 9:14	Wall	Gypsum Board	A	Intact	Beige	Interior	Basement	12	Bldg 40 Daycare	NP	Negative	0.00
141	7/25/2014 9:14	Wall	Gypsum Board	B	Intact	Beige	Interior	Basement	12	Bldg 40 Daycare	NP	Negative	0.00
142	7/25/2014 9:15	Wall	Gypsum Board	C	Intact	Green	Interior	Basement	12	Bldg 40 Daycare	NP	Negative	0.00
143	7/25/2014 9:16	Wall	Gypsum Board	D	Intact	Beige	Interior	Basement	12	Bldg 40 Daycare	NP	Negative	0.00
144	7/25/2014 9:16	Column	Gypsum Board	D	Peeling	Beige	Interior	Basement	12	Bldg 40 Daycare	NP	Negative	0.00
145	7/25/2014 9:19	Ceiling	Concrete	D	Intact	White	Interior	Basement	12	Bldg 40 Daycare	NP	Negative	0.00
146	7/25/2014 9:23	Window Frame	Wood	B	Intact	White	Interior	Basement	12	Bldg 40 Daycare	NP	Negative	0.00
147	7/25/2014 9:23	Window Sill	Wood	B	Intact	White	Interior	Basement	12	Bldg 40 Daycare	NP	Negative	0.00
148	7/25/2014 9:24	Cabinet	Wood	B	Intact	White	Interior	Basement	12	Bldg 40 Daycare	NP	Negative	0.00
149	7/25/2014 9:25	Closet Door	Wood	B	Intact	White	Interior	Basement	12	Bldg 40 Daycare	NP	Negative	0.00
150	7/25/2014 9:26	Access Door	Metal	B	Intact	Green	Interior	Basement	12	Bldg 40 Daycare	NP	Negative	0.00
151	7/25/2014 9:27	Door Frame	Metal	C	Intact	Gray	Interior	Basement	12	Bldg 40 Daycare	NP	Negative	0.03
152	7/25/2014 9:36	Wall	CMU	A	Intact	Green	Interior	Basement	1	Bldg 40 Daycare	NP	Negative	0.00

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 40
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
153	7/25/2014 9:36	Wall	CMU	B	Intact	Green	Interior	Basement	1	Bldg 40 Daycare	NP	Negative	0.01
154	7/25/2014 9:37	Wall	Plaster	C	Intact	Green	Interior	Basement	1	Bldg 40 Daycare	NP	Negative	0.01
155	7/25/2014 9:38	Wall	CMU	D	Intact	Green	Interior	Basement	1	Bldg 40 Daycare	NP	Negative	0.01
156	7/25/2014 9:39	Column	Plaster	D	Intact	Green	Interior	Basement	1	Bldg 40 Daycare	NP	Negative	0.00
157	7/25/2014 9:40	Ceiling	Concrete	B	Intact	White	Interior	Basement	1	Bldg 40 Daycare	NP	Negative	0.00
158	7/25/2014 9:42	Window Frame	Wood	C	Intact	Green	Interior	Basement	1	Bldg 40 Daycare	NP	Negative	0.00
159	7/25/2014 9:46	Pipe	Metal	B	Intact	Green	Interior	Basement	1	Bldg 40 Daycare	NP	Null	1.00
160	7/25/2014 9:46	Pipe	Metal	B	Intact	Green	Interior	Basement	1	Bldg 40 Daycare	NP	Positive	1.90
161	7/25/2014 9:49	Door Frame	Metal	A	Intact	Gray	Interior	Basement	1	Bldg 40 Daycare	NP	Negative	0.01
162	7/25/2014 9:49	Door Frame	Metal	C	Intact	Gray	Interior	Basement	1	Bldg 40 Daycare	NP	Negative	0.00
163	7/25/2014 9:52	Wall	Brick	A	Intact	Green	Interior	Basement	9c	Bldg 40 Daycare	NP	Negative	0.01
164	7/25/2014 9:54	Wall	Brick	B	Intact	Green	Interior	Basement	9c	Bldg 40 Daycare	NP	Negative	0.04
165	7/25/2014 9:54	Wall	Brick	C	Intact	Green	Interior	Basement	9c	Bldg 40 Daycare	NP	Negative	0.00
166	7/25/2014 9:55	Wall	Brick	D	Intact	Green	Interior	Basement	9c	Bldg 40 Daycare	NP	Negative	0.01
167	7/25/2014 9:56	Window Frame	Wood	D	Intact	Green	Interior	Basement	9c	Bldg 40 Daycare	NP	Negative	0.00
168	7/25/2014 9:56	Window Sill	Wood	D	Intact	Green	Interior	Basement	9c	Bldg 40 Daycare	NP	Negative	0.00
169	7/25/2014 9:58	Wall	Plaster	A	Intact	Green	Interior	Basement	9	Bldg 40 Daycare	NP	Negative	0.01

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 40
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
170	7/25/2014 9:59	Wall	CMU	B	Intact	Green	Interior	Basement	9	Bldg 40 Daycare	NP	Null	0.01
171	7/25/2014 10:00	Wall	CMU	B	Intact	Green	Interior	Basement	9	Bldg 40 Daycare	NP	Negative	0.40
172	7/25/2014 10:00	Wall	CMU	C	Intact	Green	Interior	Basement	9	Bldg 40 Daycare	NP	Negative	0.01
173	7/25/2014 10:01	Wall	CMU	D	Intact	Green	Interior	Basement	9	Bldg 40 Daycare	NP	Negative	0.13
174	7/25/2014 10:02	Column	Plaster	D	Intact	Green	Interior	Basement	9	Bldg 40 Daycare	NP	Negative	0.06
175	7/25/2014 10:04	Ceiling	Concrete	D	Intact	White	Interior	Basement	9	Bldg 40 Daycare	NP	Null	0.01
176	7/25/2014 10:05	Ceiling	Concrete	D	Intact	White	Interior	Basement	9	Bldg 40 Daycare	NP	Null	0.03
177	7/25/2014 10:07	Ceiling	Concrete	D	Intact	White	Interior	Basement	9	Bldg 40 Daycare	NP	Negative	0.02
178	7/25/2014 10:15	Pipe	Metal	D	Intact	Green	Interior	Basement	9	Bldg 40 Daycare	NP	Negative	0.90
179	7/25/2014 10:16	Window Frame	Wood	D	Intact	Green	Interior	Basement	9	Bldg 40 Daycare	NP	Negative	0.00
180	7/25/2014 10:16	Window Sill	Wood	D	Intact	Green	Interior	Basement	9	Bldg 40 Daycare	NP	Negative	0.00
181	7/25/2014 10:17	Window Sill	Wood	B	Intact	White	Interior	Basement	9b	Bldg 40 Daycare	NP	Negative	0.00
182	7/25/2014 10:17	Window Frame	Wood	B	Intact	White	Interior	Basement	9b	Bldg 40 Daycare	NP	Negative	0.00
183	7/25/2014 10:18	Radiator Cover	Metal	B	Intact	White	Interior	Basement	9b	Bldg 40 Daycare	NP	Negative	0.00
184	7/25/2014 10:19	Wall	CMU	B	Intact	Beige	Interior	Basement	9b	Bldg 40 Daycare	NP	Negative	0.01
185	7/25/2014 10:19	Wall	CMU	C	Intact	Beige	Interior	Basement	9b	Bldg 40 Daycare	NP	Negative	0.00
186	7/25/2014 10:20	Wall	CMU	D	Intact	Beige	Interior	Basement	9b	Bldg 40 Daycare	NP	Negative	0.00

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 40
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
187	7/25/2014 10:20	Door Frame	Metal	D	Intact	Gray	Interior	Basement	9b	Bldg 40 Daycare	NP	Negative	0.00
188	7/25/2014 10:21	Window Frame	Wood	A	Intact	Gray	Interior	Basement	9b	Bldg 40 Daycare	NP	Negative	0.00
189	7/25/2014 10:22	Wall	Plaster	A	Intact	Beige	Interior	Basement	9a	Bldg 40 Daycare	NP	Negative	0.03
190	7/25/2014 10:22	Wall	CMU	B	Intact	Beige	Interior	Basement	9a	Bldg 40 Daycare	NP	Negative	0.01
191	7/25/2014 10:23	Wall	Brick	C	Intact	Beige	Interior	Basement	9a	Bldg 40 Daycare	NP	Negative	0.04
192	7/25/2014 10:24	Wall	Plaster	D	Intact	Beige	Interior	Basement	9a	Bldg 40 Daycare	NP	Negative	0.01
193	7/25/2014 10:25	Ceiling	Concrete	D	Intact	White	Interior	Basement	9a	Bldg 40 Daycare	NP	Negative	0.01
194	7/25/2014 10:28	Wall	Plaster	A	Intact	Beige	Interior	Basement	2	Bldg 40 Daycare	NP	Negative	0.08
195	7/25/2014 10:29	Wall	Plaster	B	Intact	Beige	Interior	Basement	2	Bldg 40 Daycare	NP	Negative	0.14
196	7/25/2014 10:29	Wall	Plaster	C	Intact	Beige	Interior	Basement	2	Bldg 40 Daycare	NP	Negative	0.30
197	7/25/2014 10:30	Wall	Plaster	D	Intact	Beige	Interior	Basement	2	Bldg 40 Daycare	NP	Negative	0.19
198	7/25/2014 10:31	Door Frame	Metal	B	Intact	Beige	Interior	Basement	2	Bldg 40 Daycare	NP	Negative	0.09
199	7/25/2014 10:40	Wall	Gypsum Board	A	Intact	Beige	Interior	Basement	14d	Bldg 40 Daycare	NP	Negative	0.00
200	7/25/2014 10:41	Wall	Gypsum Board	B	Intact	Beige	Interior	Basement	14d	Bldg 40 Daycare	NP	Negative	0.00
201	7/25/2014 10:41	Wall	Gypsum Board	C	Intact	Beige	Interior	Basement	14d	Bldg 40 Daycare	NP	Negative	0.00
202	7/25/2014 10:42	Wall	Plaster	D	Intact	Beige	Interior	Basement	14d	Bldg 40 Daycare	NP	Negative	0.50
203	7/25/2014 10:44	Wall	Gypsum Board	A	Intact	Beige	Interior	Basement	14c	Bldg 40 Daycare	NP	Negative	0.00

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 40
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
204	7/25/2014 10:48	Wall	Plaster	B	Intact	Beige	Interior	Basement	14c	Bldg 40 Daycare	NP	Null	0.90
205	7/25/2014 10:48	Wall	Plaster	B	Intact	Beige	Interior	Basement	14c	Bldg 40 Daycare	NP	Negative	0.15
206	7/25/2014 10:49	Wall	Gypsum Board	C	Intact	Beige	Interior	Basement	14c	Bldg 40 Daycare	NP	Negative	0.00
207	7/25/2014 10:49	Wall	Gypsum Board	D	Intact	Beige	Interior	Basement	14c	Bldg 40 Daycare	NP	Negative	0.00
208	7/25/2014 10:50	Window Frame	Metal	D	Intact	Gray	Interior	Basement	14c	Bldg 40 Daycare	NP	Negative	0.00
209	7/25/2014 10:50	Door Frame	Metal	D	Intact	Gray	Interior	Basement	14c	Bldg 40 Daycare	NP	Negative	0.00
210	7/25/2014 10:53	Wall	Brick	A	Intact	Beige	Interior	Basement	16	Bldg 40 Daycare	NP	Negative	0.02
211	7/25/2014 10:54	Wall	CMU	B	Intact	Beige	Interior	Basement	16	Bldg 40 Daycare	NP	Negative	0.40
212	7/25/2014 10:54	Wall	Plaster	C	Intact	Beige	Interior	Basement	16	Bldg 40 Daycare	NP	Null	0.09
213	7/25/2014 10:56	Wall	Plaster	C	Intact	Beige	Interior	Basement	16	Bldg 40 Daycare	NP	Negative	0.14
214	7/25/2014 10:57	Wall	Gypsum Board	D	Intact	Beige	Interior	Basement	16	Bldg 40 Daycare	NP	Negative	0.00
215	7/25/2014 10:58	Wall	Gypsum Board	A	Intact	White	Interior	Basement	14a	Bldg 40 Daycare	NP	Negative	0.02
216	7/25/2014 10:59	Wall	Brick	B	Intact	White	Interior	Basement	14a	Bldg 40 Daycare	NP	Negative	0.08
217	7/25/2014 11:02	Wall	Gypsum Board	C	Intact	White	Interior	Basement	14a	Bldg 40 Daycare	NP	Null	0.00
218	7/25/2014 11:02	Wall	Gypsum Board	C	Intact	White	Interior	Basement	14a	Bldg 40 Daycare	NP	Negative	0.00
219	7/25/2014 11:03	Wall	Gypsum Board	D	Intact	White	Interior	Basement	14a	Bldg 40 Daycare	NP	Negative	0.00
220	7/25/2014 11:04	Window Frame	Wood	B	Intact	White	Interior	Basement	14a	Bldg 40 Daycare	NP	Negative	0.00

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 40
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
221	7/25/2014 11:06	Window Frame	Metal	A	Poor	Beige	Interior	Basement	13	Bldg 40 Daycare	NP	Positive	11.20
222	7/25/2014 11:07	Radiator	Metal	A	Poor	Gray	Interior	Basement	13	Bldg 40 Daycare	NP	Null	0.10
223	7/25/2014 11:08	Radiator	Metal	A	Poor	Gray	Interior	Basement	13	Bldg 40 Daycare	NP	Negative	0.09
224	7/25/2014 11:09	Stall Divider	Metal	D	Poor	Gray	Interior	Basement	13	Bldg 40 Daycare	NP	Negative	0.07
225	7/25/2014 11:09	Door Frame	Metal	C	Poor	Gray	Interior	Basement	13	Bldg 40 Daycare	NP	Negative	0.00
226	7/25/2014 11:15	Ceiling	Plaster	C	Poor	White	Interior	Basement	13	Bldg 40 Daycare	NP	Negative	0.30
227	7/25/2014 11:18	Wall	Plaster	B	Intact	Brown	Interior	Basement	Corridor 20	Bldg 40 Daycare	NP	Negative	0.00
228	7/25/2014 11:18	Door	Metal	B	Intact	Green	Interior	Basement	Corridor 20	Bldg 40 Daycare	NP	Negative	0.60
229	7/25/2014 11:19	Door Frame	Metal	B	Intact	Gray	Interior	Basement	Corridor 20	Bldg 40 Daycare	NP	Negative	0.80
230	7/25/2014 11:20	Door Frame	Metal	C	Intact	Green	Interior	Basement	Corridor 20	Bldg 40 Daycare	NP	Negative	0.00
231	7/25/2014 11:22	Fire Ext. Cab. Door	Wood	C	Intact	Red	Interior	Basement	Corridor 20	Bldg 40 Daycare	NP	Negative	0.12
232	7/25/2014 11:23	Fire Ext. Cab. Door Frame	Metal	C	Intact	Gray	Interior	Basement	Corridor 20	Bldg 40 Daycare	NP	Positive	2.00
233	7/25/2014 11:23	Electrical Panel	Metal	A	Intact	Beige	Interior	Basement	Corridor 20	Bldg 40 Daycare	NP	Negative	0.00
234	7/25/2014 11:26	Wall	CMU	A	Intact	White	Interior	Basement	15	Bldg 40 Daycare	NP	Negative	0.10
235	7/25/2014 11:26	Wall	CMU	B	Intact	White	Interior	Basement	15	Bldg 40 Daycare	NP	Negative	0.03
236	7/25/2014 11:27	Wall	CMU	C	Intact	White	Interior	Basement	15	Bldg 40 Daycare	NP	Negative	0.00
237	7/25/2014 11:29	Wall	CMU	D	Intact	White	Interior	Basement	15	Bldg 40 Daycare	NP	Negative	0.70

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 40
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
238	7/25/2014 11:30	Ceiling	Concrete	D	Intact	White	Interior	Basement	15	Bldg 40 Daycare	NP	Negative	0.40
239	7/25/2014 11:31	Floor	Concrete	D	Intact	Gray	Interior	Basement	15	Bldg 40 Daycare	NP	Negative	0.01
240	7/25/2014 11:35	Wall	Plaster	A	Intact	Gray	Interior	Basement	Stairwell 11	Bldg 40 Daycare	NP	Positive	1.30
241	7/25/2014 11:35	Wall	Plaster	B	Intact	Gray	Interior	Basement	Stairwell 11	Bldg 40 Daycare	NP	Positive	2.30
242	7/25/2014 11:37	Wall	Plaster	C	Intact	Gray	Interior	Basement	Stairwell 11	Bldg 40 Daycare	NP	Negative	0.30
243	7/25/2014 11:37	Wall	Plaster	D	Intact	White	Interior	Basement	Stairwell 11	Bldg 40 Daycare	NP	Positive	1.70
244	7/25/2014 11:38	Ceiling	Plaster	C	Intact	White	Interior	Basement	Stairwell 11	Bldg 40 Daycare	NP	Negative	0.19
245	7/25/2014 11:39	Cage	Metal	B	Intact	White	Interior	Basement	Stairwell 11	Bldg 40 Daycare	NP	Positive	2.10
246	7/25/2014 11:39	Handrail	Metal	C	Intact	Brown	Interior	Basement	Stairwell 11	Bldg 40 Daycare	NP	Negative	0.04
247	7/25/2014 11:40	Door	Metal	C	Intact	Gray	Interior	Basement	Stairwell 11	Bldg 40 Daycare	NP	Negative	0.00
248	7/25/2014 11:40	Door Frame	Metal	C	Intact	Gray	Interior	Basement	Stairwell 11	Bldg 40 Daycare	NP	Negative	0.00
249	7/25/2014 11:41	Radiator Cover	Metal	D	Intact	White	Interior	Basement	Stairwell 11	Bldg 40 Daycare	NP	Negative	0.20
250	7/25/2014 11:43	Sprinkler Pipe	Metal	D	Intact	Red	Interior	Basement	Corridor 18	Bldg 40 Daycare	NP	Negative	0.00
251	7/25/2014 11:47	Ceiling	Concrete	D	Intact	White	Interior	Basement	Corridor 18	Bldg 40 Daycare	NP	Null	1.10
252	7/25/2014 11:47	Ceiling	Concrete	D	Intact	White	Interior	Basement	Corridor 18	Bldg 40 Daycare	NP	Negative	0.24
253	7/25/2014 11:48	Wall	Plaster	A	Intact	Green	Interior	Basement	Corridor 18	Bldg 40 Daycare	NP	Negative	0.00
254	7/25/2014 11:49	Wall	Plaster	B	Intact	Green	Interior	Basement	Corridor 18	Bldg 40 Daycare	NP	Negative	0.00

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 40
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
255	7/25/2014 11:49	Wall	Plaster	C	Intact	Green	Interior	Basement	Corridor 18	Bldg 40 Daycare	NP	Negative	0.00
256	7/25/2014 11:50	Wall	Plaster	D	Intact	Green	Interior	Basement	Corridor 18	Bldg 40 Daycare	NP	Negative	0.00
257	7/25/2014 11:51	Door	Metal	D	Intact	Beige	Interior	Basement	Corridor 18	Bldg 40 Daycare	NP	Negative	0.80
258	7/25/2014 11:51	Door Frame	Metal	D	Poor	Beige	Interior	Basement	Corridor 18	Bldg 40 Daycare	NP	Positive	2.10
259	7/25/2014 11:56	Wall	CMU	A	Intact	White	Interior	Basement	17	Bldg 40 Daycare	NP	Negative	0.60
260	7/25/2014 11:57	Wall	Plaster	B	Intact	White	Interior	Basement	17	Bldg 40 Daycare	NP	Negative	0.01
261	7/25/2014 11:57	Wall	CMU	C	Intact	White	Interior	Basement	17	Bldg 40 Daycare	NP	Negative	0.01
262	7/25/2014 11:58	Wall	Brick	C	Intact	White	Interior	Basement	17	Bldg 40 Daycare	NP	Negative	0.01
263	7/25/2014 12:00	Floor	Concrete	C	Poor	White	Interior	Basement	17	Bldg 40 Daycare	NP	Negative	0.04
264	7/25/2014 12:01	Pipe	Metal	D	Intact	White	Interior	Basement	17	Bldg 40 Daycare	NP	Negative	0.30
265	7/25/2014 12:01	Ceiling	Concrete	D	Intact	White	Interior	Basement	17	Bldg 40 Daycare	NP	Negative	0.00
266	7/25/2014 12:05	Wall	CMU	A	Poor	White	Interior	Basement	10	Bldg 40 Daycare	NP	Negative	0.60
267	7/25/2014 12:07	Wall	CMU	B	Poor	White	Interior	Basement	10	Bldg 40 Daycare	NP	Negative	0.70
268	7/25/2014 12:09	Wall	CMU	C	Poor	White	Interior	Basement	10	Bldg 40 Daycare	NP	Negative	0.50
269	7/25/2014 12:11	Wall	CMU	D	Poor	White	Interior	Basement	10	Bldg 40 Daycare	NP	Negative	0.07
270	7/25/2014 12:12	Floor	Concrete	D	Poor	Gray	Interior	Basement	10	Bldg 40 Daycare	NP	Negative	0.00
271	7/25/2014 12:13	Sprinkler Pipe	Metal	A	Poor	Red	Interior	Basement	10	Bldg 40 Daycare	NP	Negative	0.70

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 40
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
272	7/25/2014 12:13	Handrail	Metal	B	Poor	Green	Interior	Basement	10	Bldg 40 Daycare	NP	Positive	2.20
273	7/25/2014 12:17	Wall	CMU	A	Intact	White	Interior	Basement	8	Bldg 40 Daycare	NP	Null	0.01
274	7/25/2014 12:18	Wall	CMU	A	Intact	White	Interior	Basement	8	Bldg 40 Daycare	NP	Null	0.00
275	7/25/2014 12:19	Wall	CMU	A	Intact	White	Interior	Basement	8	Bldg 40 Daycare	NP	Negative	0.00
276	7/25/2014 12:19	Wall	CMU	B	Intact	White	Interior	Basement	8	Bldg 40 Daycare	NP	Negative	0.30
277	7/25/2014 12:20	Wall	Brick	C	Intact	White	Interior	Basement	8	Bldg 40 Daycare	NP	Negative	0.02
278	7/25/2014 12:20	Wall	Brick	D	Intact	White	Interior	Basement	8	Bldg 40 Daycare	NP	Negative	0.01
279	7/25/2014 12:24	Wall	Plaster	A	Poor	Beige	Interior	Basement	7	Bldg 40 Daycare	NP	Null	1.20
280	7/25/2014 12:26	Wall	Plaster	A	Poor	Beige	Interior	Basement	7	Bldg 40 Daycare	NP	Positive	1.30
281	7/25/2014 12:27	Wall	Plaster	B	Poor	Beige	Interior	Basement	7	Bldg 40 Daycare	NP	Null	0.60
282	7/25/2014 12:29	Wall	Plaster	B	Poor	Beige	Interior	Basement	7	Bldg 40 Daycare	NP	Negative	0.50
283	7/25/2014 12:32	Wall	Plaster	C	Intact	Beige	Interior	Basement	7	Bldg 40 Daycare	NP	Negative	0.50
284	7/25/2014 12:34	Wall	Plaster	D	Intact	Beige	Interior	Basement	7	Bldg 40 Daycare	NP	Positive	1.40
285	7/25/2014 12:38	Ceiling	Plaster	C	Intact	White	Interior	Basement	7	Bldg 40 Daycare	NP	Null	1.20
286	7/25/2014 12:39	Ceiling	Plaster	C	Intact	White	Interior	Basement	7	Bldg 40 Daycare	NP	Null	0.40
287	7/25/2014 12:40	Ceiling	Plaster	C	Intact	White	Interior	Basement	7	Bldg 40 Daycare	NP	Negative	0.70
288	7/25/2014 12:41	Door Frame	Metal	D	Intact	Beige	Interior	Basement	7	Bldg 40 Daycare	NP	Negative	0.70

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 40
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
289	7/25/2014 12:42	Radiator	Metal	A	Intact	Gray	Interior	Basement	7	Bldg 40 Daycare	NP	Negative	0.30
290	7/25/2014 13:27	Wall	Brick	A	Intact	Green	Interior	Second	227a	Bldg 40 Daycare	NP	Negative	0.01
291	7/25/2014 13:27	Wall	Brick	B	Intact	White	Interior	Second	227a	Bldg 40 Daycare	NP	Null	0.00
292	7/25/2014 13:28	Wall	Brick	B	Intact	White	Interior	Second	227a	Bldg 40 Daycare	NP	Negative	0.00
293	7/25/2014 13:29	Wall	Brick	C	Intact	White	Interior	Second	227a	Bldg 40 Daycare	NP	Negative	0.00
294	7/25/2014 13:29	Wall	Brick	D	Intact	White	Interior	Second	227a	Bldg 40 Daycare	NP	Negative	0.01
295	7/25/2014 13:30	Window Frame	Wood	D	Intact	White	Interior	Second	227a	Bldg 40 Daycare	NP	Negative	0.00
296	7/25/2014 13:31	Window Sill	Concrete	D	Intact	White	Interior	Second	227a	Bldg 40 Daycare	NP	Negative	0.01
297	7/25/2014 13:32	Door Frame	Wood	C	Poor	Gray	Interior	Second	227a	Bldg 40 Daycare	NP	Positive	28.10
298	7/25/2014 13:38	Wall	Plaster	A	Intact	White	Interior	Second	227	Bldg 40 Daycare	NP	Positive	1.40
299	7/25/2014 13:39	Wall	Plaster	B	Poor	White	Interior	Second	227	Bldg 40 Daycare	NP	Negative	0.00
300	7/25/2014 13:40	Wall	Plaster	C	Intact	White	Interior	Second	227	Bldg 40 Daycare	NP	Negative	0.00
301	7/25/2014 13:41	Wall	Plaster	D	Intact	White	Interior	Second	227	Bldg 40 Daycare	NP	Negative	0.07
302	7/25/2014 13:42	Window Frame	Metal	D	Intact	White	Interior	Second	227	Bldg 40 Daycare	NP	Positive	9.30
303	7/25/2014 13:44	Window Sill	Wood	D	Intact	White	Interior	Second	227	Bldg 40 Daycare	NP	Negative	0.70
304	7/25/2014 13:47	Door Frame	Metal	C	Intact	Gray	Interior	Second	227	Bldg 40 Daycare	NP	Null	1.20
305	7/25/2014 13:47	Door Frame	Metal	C	Intact	Gray	Interior	Second	227	Bldg 40 Daycare	NP	Positive	2.00

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 40
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
306	7/25/2014 13:52	Ceiling	Plaster	A	Intact	White	Interior	Second	224	Bldg 40	NP	Negative	0.40
307	7/25/2014 14:01	Wall	Brick	A	Poor	Purple	Interior	First	126a	Bldg 40	NP	Negative	0.01
308	7/25/2014 14:02	Wall	Brick	B	Poor	White	Interior	First	126a	Bldg 40	NP	Negative	0.00
309	7/25/2014 14:03	Wall	Brick	C	Poor	White	Interior	First	126a	Bldg 40	NP	Negative	0.00
310	7/25/2014 14:03	Wall	Brick	D	Poor	White	Interior	First	126a	Bldg 40	NP	Negative	0.01
311	7/25/2014 14:05	Window Frame	Wood	D	Intact	White	Interior	First	126a	Bldg 40	NP	Negative	0.00
312	7/25/2014 14:06	Window Sill	Concrete	D	Intact	White	Interior	First	126a	Bldg 40	NP	Negative	0.00
313	7/25/2014 14:06	Door Frame	Wood	C	Intact	White	Interior	First	126a	Bldg 40	NP	Positive	17.30
314	7/25/2014 14:07	Door	Wood	C	Intact	White	Interior	First	126a	Bldg 40	NP	Positive	21.30
315	7/25/2014 14:09	Fire Ext. Cab. Door	Wood	C	Intact	Silver	Interior	First	Corridor 141	Bldg 40	NP	Negative	0.14
316	7/25/2014 14:10	Fire Ext. Cab. Door Frame	Metal	C	Intact	Gray	Interior	First	Corridor 141	Bldg 40	NP	Negative	0.02
317	7/25/2014 14:12	Wall	Plaster	A	Intact	White	Interior	First	110g	Bldg 40	NP	Negative	0.00
318	7/25/2014 14:13	Window Sill	Wood	B	Intact	White	Interior	First	110g	Bldg 40	NP	Positive	1.70
319	7/25/2014 14:13	Door Frame	Wood	B	Intact	Gray	Interior	First	108	Bldg 40	NP	Negative	0.50
320	7/25/2014 14:16	Door Frame	Wood	A	Intact	Gray	Interior	First	103	Bldg 40	NP	Null	1.30
321	7/25/2014 14:18	Door Frame	Wood	A	Intact	Gray	Interior	First	103	Bldg 40	NP	Null	1.20
322	7/25/2014 14:19	Door Frame	Wood	A	Intact	Gray	Interior	First	102a	Bldg 40	NP	Positive	7.70
323	7/25/2014 14:20	Wall	Plaster	B	Intact	Beige	Interior	First	102a	Bldg 40	NP	Negative	0.00
324	7/25/2014 14:26	Handrail	Metal	A	Intact	Beige	Exterior			Bldg 40	NP	Negative	0.00
325	7/25/2014 14:27	Window Lintel	Metal	A	Poor	White	Exterior			Bldg 40	NP	Positive	25.80
326	7/25/2014 14:28	Awning Frame	Metal	A	Intact	Red	Exterior			Bldg 40	NP	Null	0.00
327	7/25/2014 14:28	Awning Frame	Metal	A	Intact	Red	Exterior			Bldg 40	NP	Negative	0.00
328	7/25/2014 14:29	Downspout Base	Metal	A	Intact	Black	Exterior			Bldg 40	NP	Positive	2.40
329	7/25/2014 14:31	Handrail	Metal	B	Poor	Gray	Exterior			Bldg 40	NP	Negative	0.02
330	7/25/2014 14:32	Door	Metal	B	Intact	White	Exterior			Bldg 40	NP	Negative	0.00
331	7/25/2014 14:33	Door Frame	Metal	B	Intact	White	Exterior			Bldg 40	NP	Negative	0.01
332	7/25/2014 14:33	Handrail	Metal	B	Poor	Black	Exterior			Bldg 40	NP	Negative	0.00
333	7/25/2014 14:35	Handrail	Metal	C	Poor	Black	Exterior			Bldg 40	NP	Null	0.60

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 40
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
334	7/25/2014 14:36	Handrail	Metal	C	Poor	Black	Exterior			Bldg 40	NP	Negative	0.30
335	7/25/2014 14:46	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
336	7/25/2014 14:47	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90
337	7/25/2014 14:49	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00

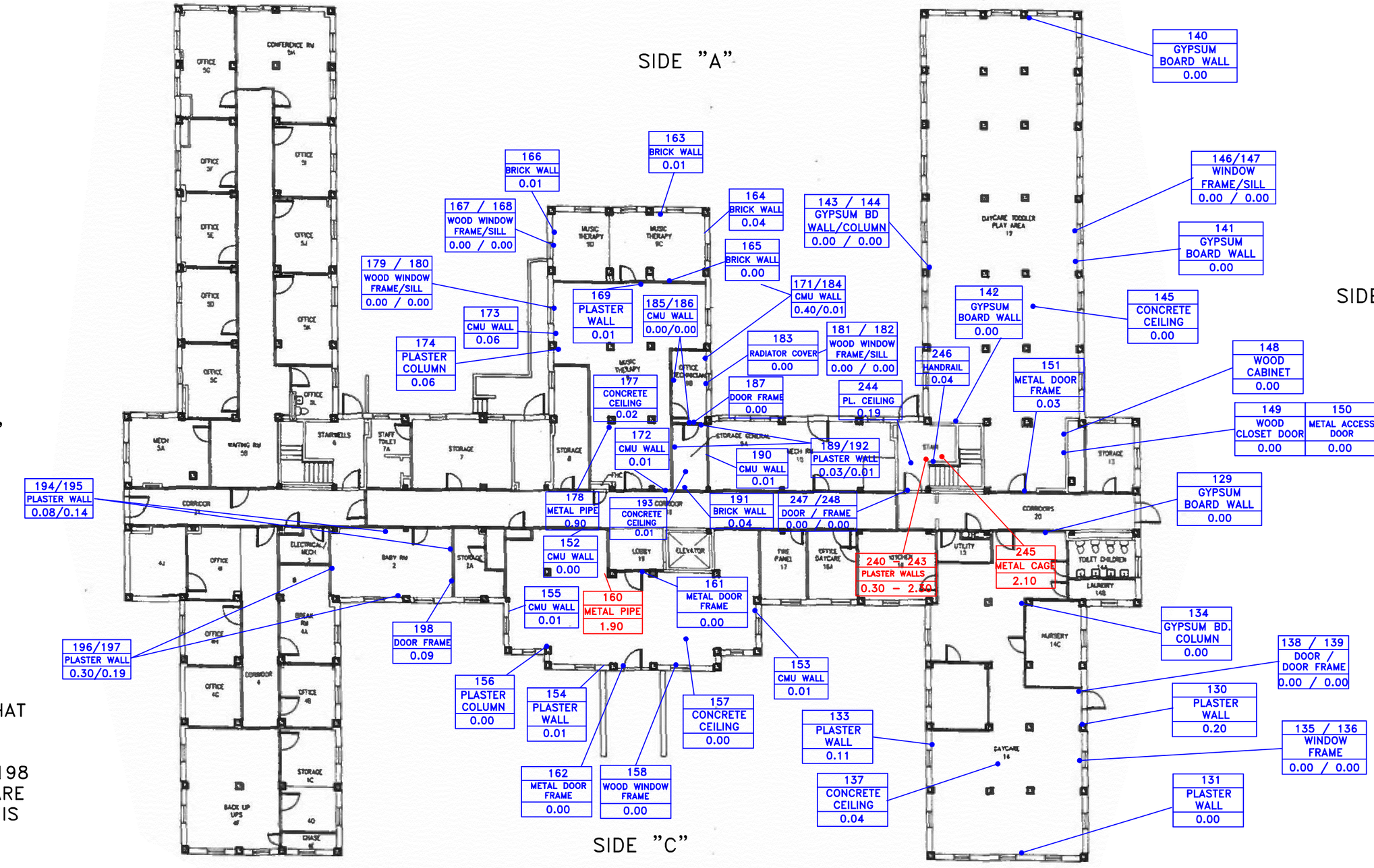
* = Reading numbers 1 and 125 are internal diagnostic readings that do not represent lead content on any items.

Null = Incomplete test due to instrument movement or early trigger release.

Readings 5-88 from 7/24/14 apply to Building 39, also tested on same date. Please see corresponding building table for this data.

ACTION LEVEL = 1.00 mg/cm^2

APPENDIX Q-2
XRF Testing Location Plans



PLEASE NOTE THAT LOCATIONS OF BASEMENT XRF READINGS 129–198 AND 240–248 ARE DEPICTED ON THIS DRAWING.

NOT TO SCALE

BUILDING 40 – BASEMENT

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 1: BUILDING 40 – BASEMENT

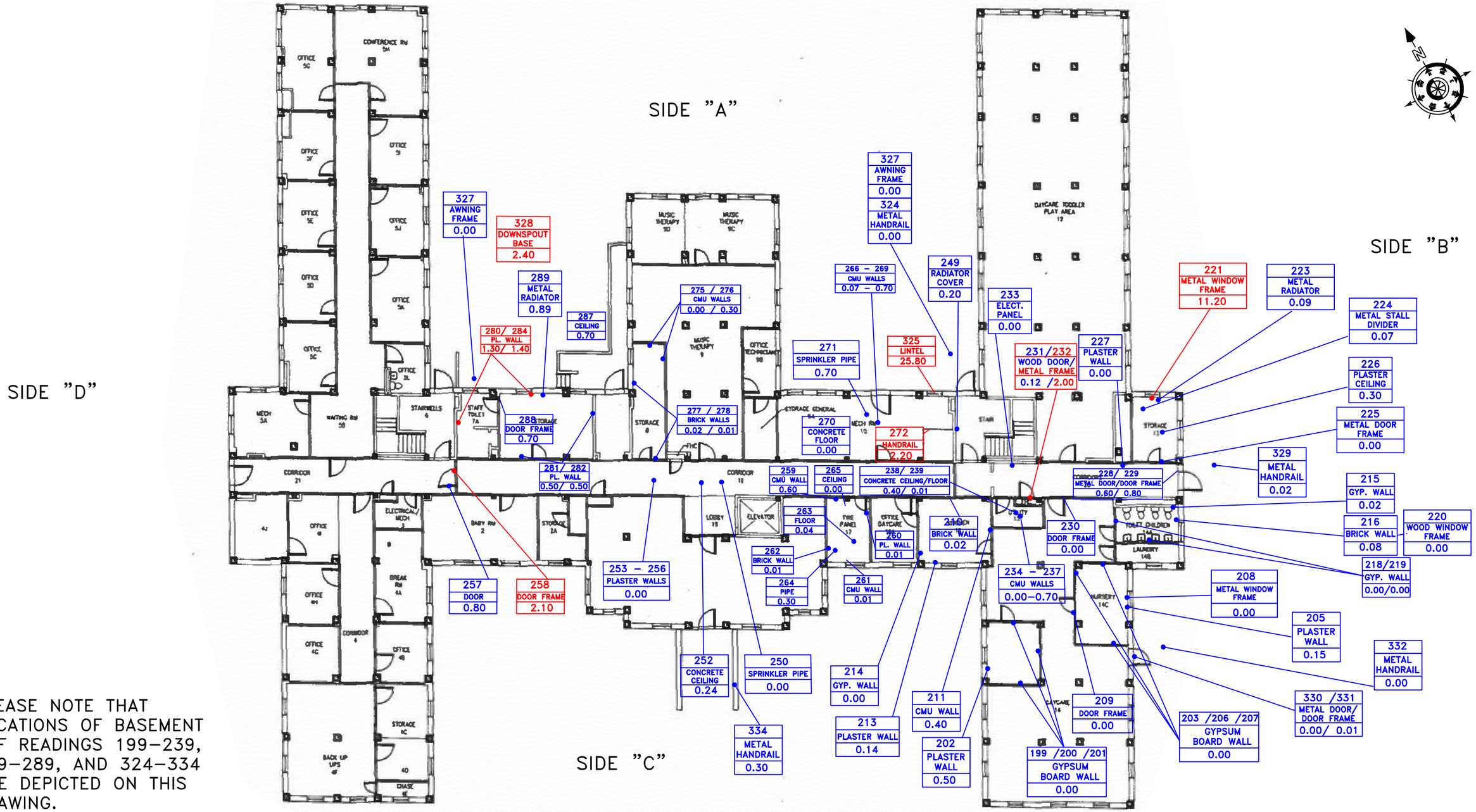
Safety Environmental Laboratories and Consulting, Inc.
SELC
989 Yeager Parkway
Pelham, AL 35124
(205) 823-6200 fax (205) 823-9066

PROJECT

LEAD-BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404
SELC PROJECT NO.: 2014-1107

BUILDING 40
BASEMENT

SHEET 1 OF 5



PLEASE NOTE THAT LOCATIONS OF BASEMENT XRF READINGS 199–239, 249–289, AND 324–334 ARE DEPICTED ON THIS DRAWING.

NOT TO SCALE

BUILDING 40 – BASEMENT

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 2: BUILDING 40 – BASEMENT

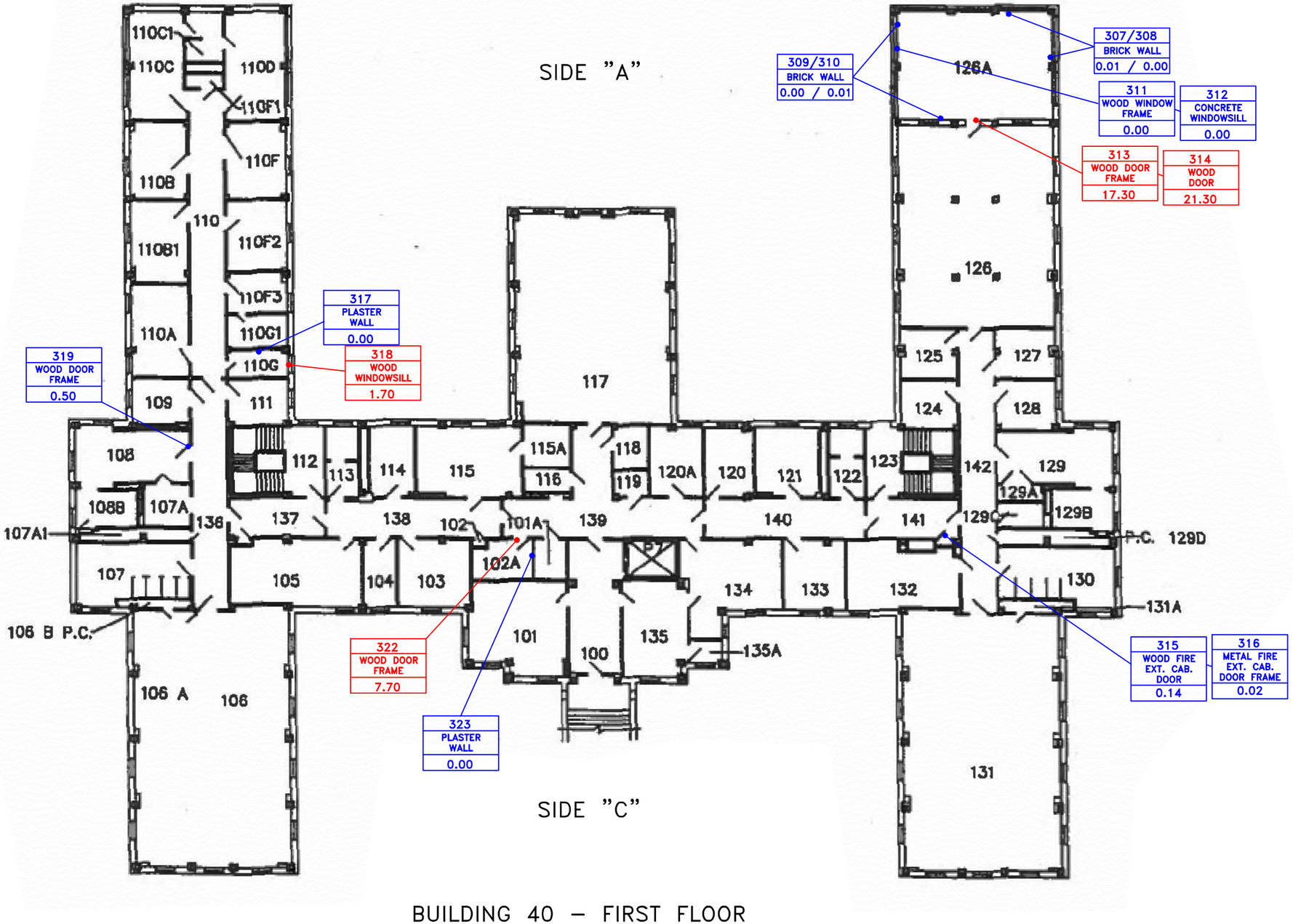
Safety Environmental Laboratories and Consulting, Inc.
SELC
989 Yeager Parkway
Pelham, AL 35124
(205) 823-6200 fax (205) 823-9066

PROJECT

LEAD-BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404
SELC PROJECT NO.: 2014-1107

BUILDING 40
BASEMENT

SHEET 2 OF 5



NOT TO SCALE

BUILDING 40 – FIRST FLOOR

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 3: BUILDING 40 – FIRST FLOOR

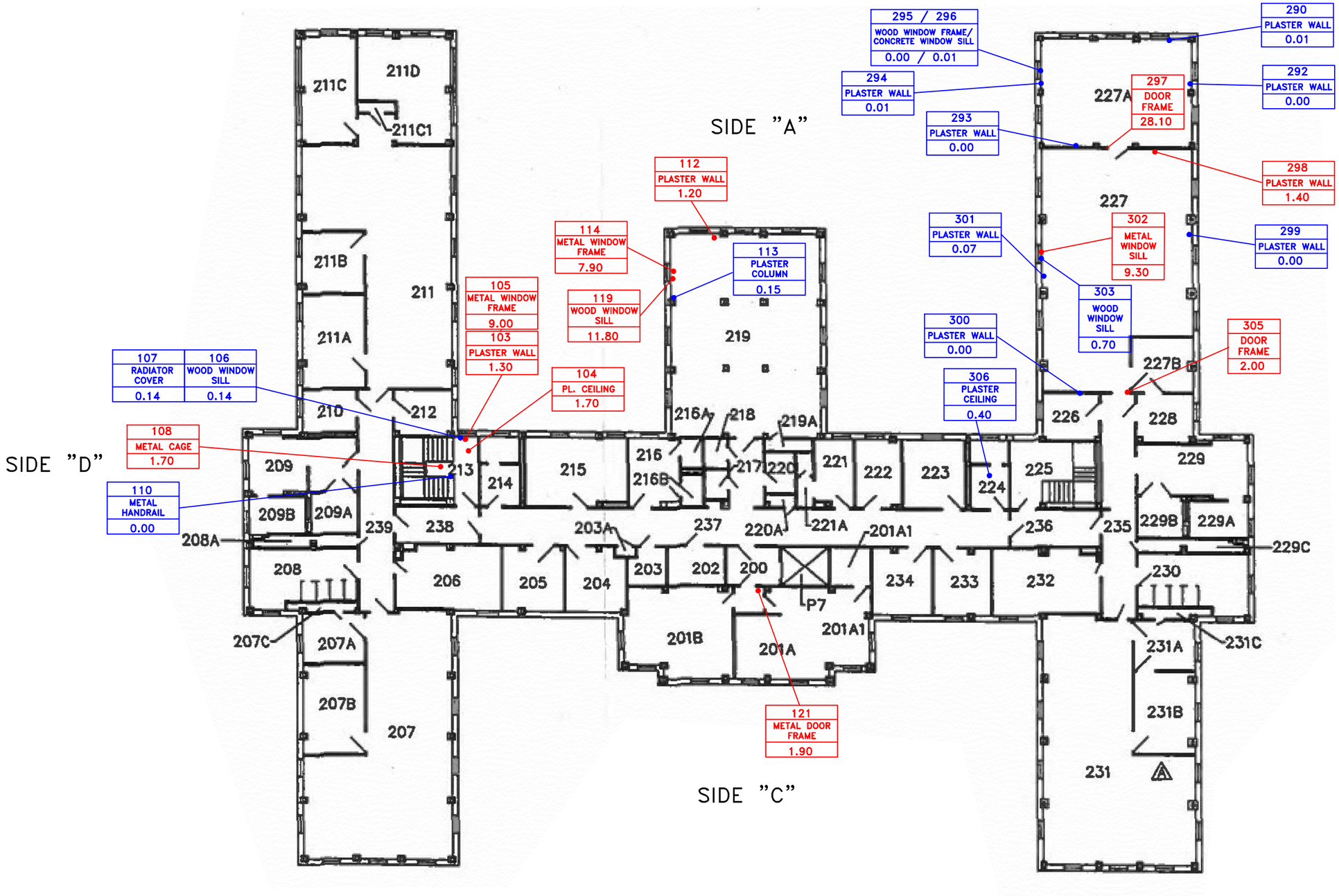
Safety Environmental Laboratories and Consulting, Inc.
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989 Yeager Parkway
Pelham, AL 35124
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PROJECT

LEAD-BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

BUILDING 40
FIRST FLOOR
SHEET 3 OF 5



NOT TO SCALE

BUILDING 40 – SECOND FLOOR

XRF #	XRF TEST NUMBER
BUILDING COMPONENT	BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²)	RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 4: BUILDING 40 – SECOND FLOOR

Safety Environmental Laboratories and Consulting, Inc.

SELC

989 Yeager Parkway
Pelham, AL 35124

(205) 823-6200 fax (205) 823-9066

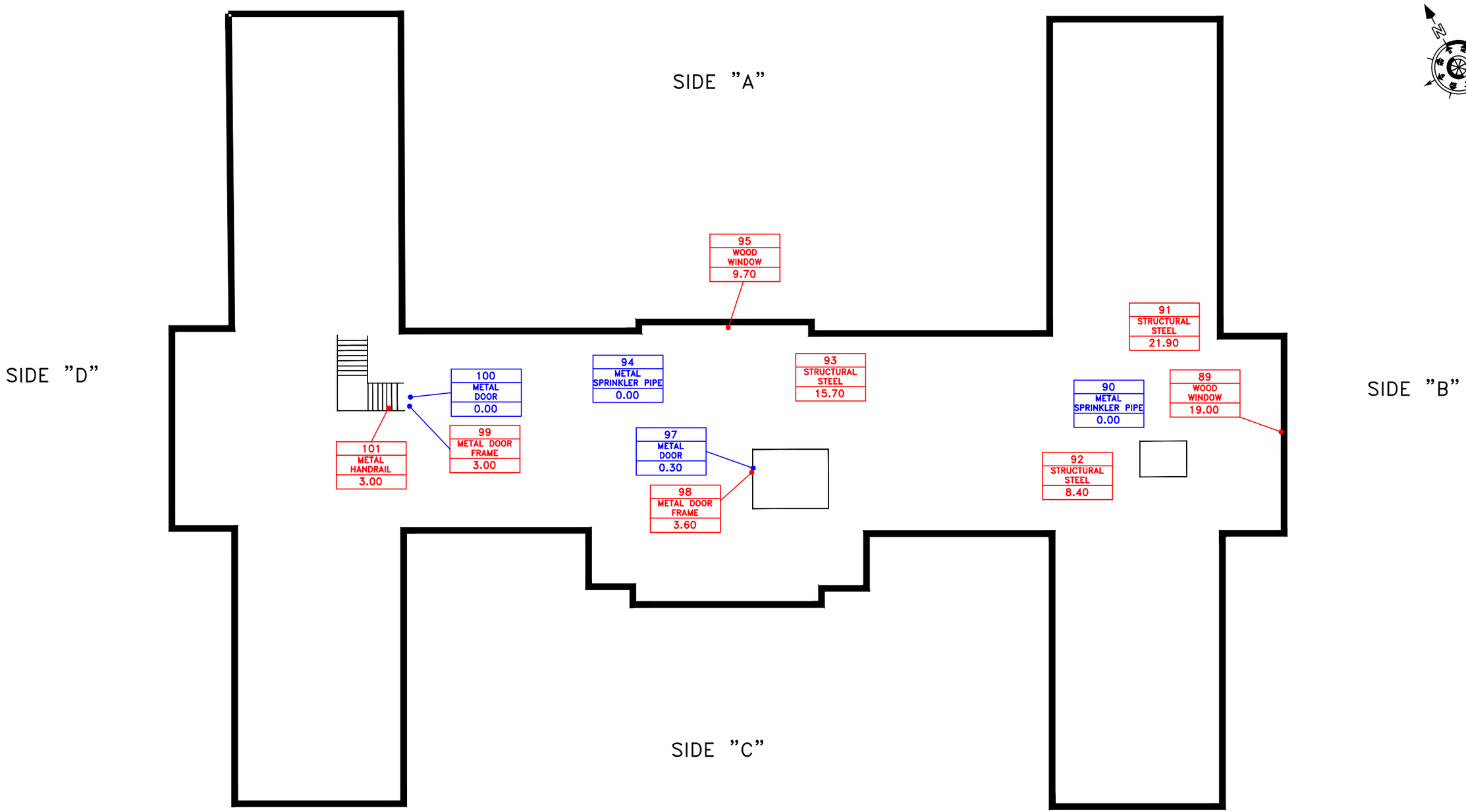
PROJECT

LEAD-BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

BUILDING 40
SECOND FLOOR

SHEET 4 OF 5



NOT TO SCALE

BUILDING 40 – ATTIC

XRF # ——— XRF TEST NUMBER
BUILDING COMPONENT ——— BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) ——— RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 5: BUILDING 40 – ATTIC

Safety Environmental Laboratories and Consulting, Inc.
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989 Yeager Parkway
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PROJECT

LEAD-BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

BUILDING 40
ATTIC
SHEET 5 OF 5

APPENDIX Q-3
Photographic Documentation

Building 40
Photographic Documentation



Photograph 1
Damaged / cracked LBP on wood windows in attic – typical.



Photograph 2
Peeling LBP on structural steel, pictured in attic – typical.



Photograph 3
Damaged LBP on metal door frame in Corridor 18.



Photograph 4
Damaged LBP on metal handrail in Room 10.

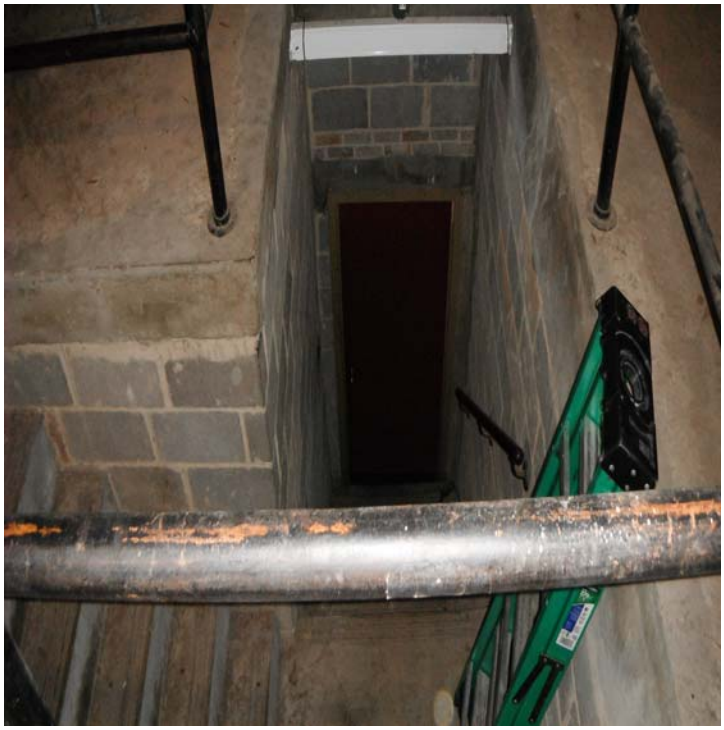
Building 40
Photographic Documentation



Photograph 5
Damaged LBP on wood door frame in Room 227A.



Photograph 6
Damaged/deteriorating LBP on metal window lintel – typical.



Photograph 7
Damaged LBP on metal handrails in attic.



Photograph 8
Evidence of cracking/deterioration (of LBP) that is covered by newer layer of paint on window sill – typical.

APPENDIX R

BUILDING 41
GROUNDS BUILDING





INCLUDED IN APPENDIX R:

R-1 – XRF Testing Data Sheets

R-2 – XRF Testing Location Plans

R-3 – Photographic Documentation

APPENDIX R-1
XRF Testing Data Sheets

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 41
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
1	8/4/2014 8:43												1.30*
2	8/4/2014 9:30	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.80
3	8/4/2014 9:32	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
4	8/4/2014 9:34	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
5	8/4/2014 10:11	Wall	Brick	A	Intact	White	Interior	First	104	Bldg 41	NP	Negative	0.60
6	8/4/2014 10:12	Wall	Brick	C	Intact	Pink	Interior	First	104	Bldg 41	NP	Negative	0.50
7	8/4/2014 10:14	Wall	Brick	B	Intact	White	Interior	First	104	Bldg 41	NP	Negative	0.60
8	8/4/2014 10:15	Window	Metal	A	Poor	White	Interior	First	104	Bldg 41	NP	Positive	12.50
9	8/4/2014 10:16	Window Lintel	Metal	A	Poor	White	Interior	First	104	Bldg 41	NP	Positive	16.50
10	8/4/2014 10:18	Window Sill	Concrete	A	Intact	Pink	Interior	First	104	Bldg 41	NP	Positive	1.60
11	8/4/2014 10:20	Window Sill	Concrete	C	Intact	Pink	Interior	First	104	Bldg 41	NP	Negative	0.90
12	8/4/2014 10:21	Window	Metal	C	Poor	White	Interior	First	104	Bldg 41	NP	Positive	10.50
13	8/4/2014 10:21	Window Lintel	Metal	C	Poor	White	Interior	First	104	Bldg 41	NP	Positive	13.00
14	8/4/2014 10:22	Floor	Concrete	C	Poor	Gray	Interior	First	104	Bldg 41	NP	Negative	0.06
15	8/4/2014 10:23	Floor	Concrete	D	Poor	Gray	Interior	First	104	Bldg 41	NP	Negative	0.08
16	8/4/2014 10:24	Pipe	Metal	Central	Intact	White	Interior	First	104	Bldg 41	NP	Negative	0.06
17	8/4/2014 10:24	Wall	Gypsum Board	A	Intact	White	Interior	First	104	Bldg 41	NP	Negative	0.00
18	8/4/2014 10:25	Wall	Gypsum Board	A	Intact	Pink	Interior	First	104	Bldg 41	NP	Negative	0.00
19	8/4/2014 10:28	Wall	Plaster	B	Intact	Pink	Interior	First	102	Bldg 41	NP	Negative	0.16
20	8/4/2014 10:29	Wall	Plaster	C	Intact	White	Interior	First	102	Bldg 41	NP	Negative	0.50
21	8/4/2014 10:30	Radiator	Metal	B	Poor	Pink	Interior	First	102	Bldg 41	NP	Negative	0.23
22	8/4/2014 10:31	Ceiling	Plaster	B	Intact	White	Interior	First	102	Bldg 41	NP	Null	0.19
23	8/4/2014 10:31	Ceiling	Plaster	B	Intact	White	Interior	First	102	Bldg 41	NP	Null	0.17
24	8/4/2014 10:32	Ceiling	Plaster	B	Intact	White	Interior	First	102	Bldg 41	NP	Null	0.12
25	8/4/2014 10:32	Ceiling	Plaster	B	Intact	White	Interior	First	102	Bldg 41	NP	Negative	0.00
26	8/4/2014 10:34	Door	Metal	C	Intact	Pink	Interior	First	102	Bldg 41	NP	Negative	0.21
27	8/4/2014 10:34	Door Frame	Metal	C	Intact	Pink	Interior	First	102	Bldg 41	NP	Negative	0.00
28	8/4/2014 10:36	Fire Ext. Cab. Door	Wood	C	Intact	Red	Interior	First	104	Bldg 41	NP	Negative	0.70

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 41
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
29	8/4/2014 10:36	Fire Ext. Cab. Door Frame	Metal	C	Intact	Red	Interior	First	104	Bldg 41	NP	Negative	0.60
30	8/4/2014 10:40	Door	Wood	D	Intact	White	Interior	First	100	Bldg 41	NP	Negative	0.17
31	8/4/2014 10:41	Door	Metal	C	Cracked	White	Interior	First	100	Bldg 41	NP	Positive	2.40
32	8/4/2014 10:46	Wall	Plaster	A	Intact	White	Interior	First	101	Bldg 41	NP	Negative	0.60
33	8/4/2014 10:47	Wall	Wood	B	Cracked	White	Interior	First	101	Bldg 41	NP	Negative	0.40
34	8/4/2014 10:48	Door Frame	Metal	B	Intact	White	Interior	First	101	Bldg 41	NP	Negative	0.40
35	8/4/2014 10:49	Ceiling	Plaster	A	Poor	White	Interior	First	105	Bldg 41	NP	Negative	0.09
36	8/4/2014 10:50	Wall	Plaster	C	Poor	White	Interior	First	105	Bldg 41	NP	Negative	0.00
37	8/4/2014 10:51	Door	Wood	C	Intact	White	Interior	First	105	Bldg 41	NP	Negative	0.21
38	8/4/2014 10:52	Door Frame	Metal	C	Intact	White	Interior	First	105	Bldg 41	NP	Positive	1.60
39	8/4/2014 11:12	Wall	CMU	B	Intact	White	Interior	Ground	5	Bldg 41	NP	Negative	0.01
40	8/4/2014 11:14	Ceiling	Concrete	B	Poor	White	Interior	Ground	5	Bldg 41	NP	Negative	0.01
41	8/4/2014 11:15	Window	Metal	B	Poor	White	Interior	Ground	5	Bldg 41	NP	Positive	1.90
42	8/4/2014 11:15	Handrail	Metal	B	Poor	Green	Interior	Ground	5	Bldg 41	NP	Negative	0.50
43	8/4/2014 11:16	Door	Wood	D	Intact	Gray	Interior	Ground	5	Bldg 41	NP	Positive	7.80
44	8/4/2014 11:16	Door Frame	Metal	D	Intact	Gray	Interior	Ground	5	Bldg 41	NP	Negative	0.16
45	8/4/2014 12:00	Wall	Brick	C	Intact	White	Interior	Ground	1	Bldg 41	NP	Null	0.01
46	8/4/2014 12:00	Wall	Brick	C	Intact	White	Interior	Ground	1	Bldg 41	NP	Null	0.01
47	8/4/2014 12:01	Wall	Brick	C	Intact	White	Interior	Ground	1	Bldg 41	NP	Negative	0.60
48	8/4/2014 12:02	Wall	Concrete	A	Intact	White	Interior	Ground	1	Bldg 41	NP	Negative	0.01
49	8/4/2014 12:04	Ceiling	Concrete		Poor	White	Interior	Ground	1	Bldg 41	NP	Negative	0.00
50	8/4/2014 12:05	Ceiling	Concrete		Poor	White	Interior	Ground	1	Bldg 41	NP	Null	0.00
51	8/4/2014 12:05	Ceiling	Concrete		Poor	White	Interior	Ground	1	Bldg 41	NP	Negative	0.01
52	8/4/2014 12:07	Safety Rail	Metal	C	Intact	Yellow	Interior	Ground	1	Bldg 41	NP	Negative	0.00
53	8/4/2014 12:08	Safety Rail	Metal	C	Intact	Yellow	Interior	Ground	1	Bldg 41	NP	Negative	0.00
54	8/4/2014 12:09	Crawlspace Access Door	Wood	A	Intact	White	Interior	Ground	1	Bldg 41	NP	Positive	9.70
55	8/4/2014 12:15	Wall	CMU	A	Intact	White	Interior	Ground	8	Bldg 41	NP	Negative	0.01

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 41
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
56	8/4/2014 12:16	Cage	Metal	A	Intact	Beige	Interior	Ground	2	Bldg 41	NP	Positive	2.00
57	8/4/2014 12:19	Wall	Plaster	B	Intact	White	Interior	Ground	Locker 2	Bldg 41	NP	Negative	0.60
58	8/4/2014 12:19	Radiator	Metal	B	Intact	Blue	Interior	Ground	Locker 2	Bldg 41	NP	Negative	0.04
59	8/4/2014 12:20	Door	Wood	D	Intact	Gray	Interior	Ground	Locker 2	Bldg 41	NP	Positive	5.40
60	8/4/2014 12:21	Door Frame	Metal	D	Intact	Gray	Interior	Ground	Locker 2	Bldg 41	NP	Negative	0.12
61	8/4/2014 12:22	Door Frame	Metal	D	Intact	Gray	Interior	Ground	3	Bldg 41	NP	Negative	0.09
62	8/4/2014 12:22	Door	Wood	D	Intact	Gray	Interior	Ground	3	Bldg 41	NP	Positive	4.50
63	8/4/2014 12:24	Ceiling	Concrete	D	Poor	White	Interior	Ground	3	Bldg 41	NP	Negative	0.00
64	8/4/2014 12:26	Wall	Plaster	C	Intact	White	Interior	Ground	3	Bldg 41	NP	Negative	0.02
65	8/4/2014 12:27	Wall	Plaster	A	Intact	White	Interior	Ground	3	Bldg 41	NP	Negative	0.00
66	8/4/2014 12:28	Wall	Gypsum Board	C	Intact	White	Interior	Ground	6a	Bldg 41	NP	Negative	0.00
67	8/4/2014 12:29	Door Frame	Metal	C	Intact	Gray	Interior	Ground	6a	Bldg 41	NP	Negative	0.00
68	8/4/2014 12:43	Ceiling	Concrete		Poor	White	Interior	Ground	1c	Bldg 41	NP	Negative	0.01
69	8/4/2014 12:44	Wall	Concrete	A	Fair	White	Interior	Ground	1c	Bldg 41	NP	Negative	0.01
70	8/4/2014 12:46	Shelving	Wood	D	Fair	Gray	Interior	Ground	1c	Bldg 41	NP	Positive	3.00
71	8/4/2014 12:48	Window	Metal	D	Poor	White	Exterior			Bldg 41	NP	Positive	3.70
72	8/4/2014 12:51	Window	Metal	A	Poor	White	Exterior			Bldg 41	NP	Positive	5.50
73	8/4/2014 12:52	Window Lintel	Metal	A	Poor	White	Exterior			Bldg 41	NP	Positive	4.40
74	8/4/2014 12:53	Window Sill	Concrete	A	Poor	Silver	Exterior			Bldg 41	NP	Negative	0.50
75	8/4/2014 12:54	Door Surround	Brick	A	Poor	White	Exterior			Bldg 41	NP	Negative	0.03
76	8/4/2014 12:54	Awning	Metal	A	Intact	White	Exterior			Bldg 41	NP	Negative	0.00
77	8/4/2014 12:56	Handrail	Metal	A	Intact	Black	Exterior			Bldg 41	NP	Negative	0.30
78	8/4/2014 12:57	Awning Post	Metal	A	Intact	Brown	Exterior			Bldg 41	NP	Negative	0.00
79	8/4/2014 12:58	Downspout Base	Metal	A	Intact	Black	Exterior			Bldg 41	NP	Negative	0.10
80	8/4/2014 13:00	Window	Metal	B	Cracked	White	Exterior			Bldg 41	NP	Negative	0.30
81	8/4/2014 13:01	Window Lintel	Metal	B	Cracked	White	Exterior			Bldg 41	NP	Negative	0.70
82	8/4/2014 13:02	Roll Up Door Frame	Wood	C	Intact	White	Exterior			Bldg 41	NP	Negative	0.30
83	8/4/2014 13:02	Roll Up Door Frame	Wood	C	Intact	White	Exterior			Bldg 41	NP	Negative	0.01

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 41
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Floor	Room	Building	Inspector	Results	Lead (mg/cm^2)
84	8/4/2014 13:03	Corner Protector	Metal	C	Intact	Black	Exterior			Bldg 41	NP	Positive	1.50
85	8/4/2014 13:04	Corner Protector	Metal	C	Fair	Black	Exterior			Bldg 41	NP	Positive	3.90
86	8/4/2014 13:06	Window	Metal	D	Poor	White	Exterior			Bldg 41	NP	Positive	19.20
87	8/4/2014 13:12	Fascia	Wood	A	Poor	White	Exterior			Bldg 41	NP	Positive	13.90
88	8/4/2014 13:12	Eave	Wood	A	Poor	White	Exterior			Bldg 41	NP	Null	2.60
89	8/4/2014 13:12	Eave	Wood	A	Poor	White	Exterior			Bldg 41	NP	Positive	18.90
90	8/4/2014 13:13	Rafter	Wood	A	Poor	White	Exterior			Bldg 41	NP	Positive	19.30
121	8/4/2014 14:58	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											0.90
122	8/4/2014 15:00	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.00
123	8/4/2014 15:01	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573											1.10

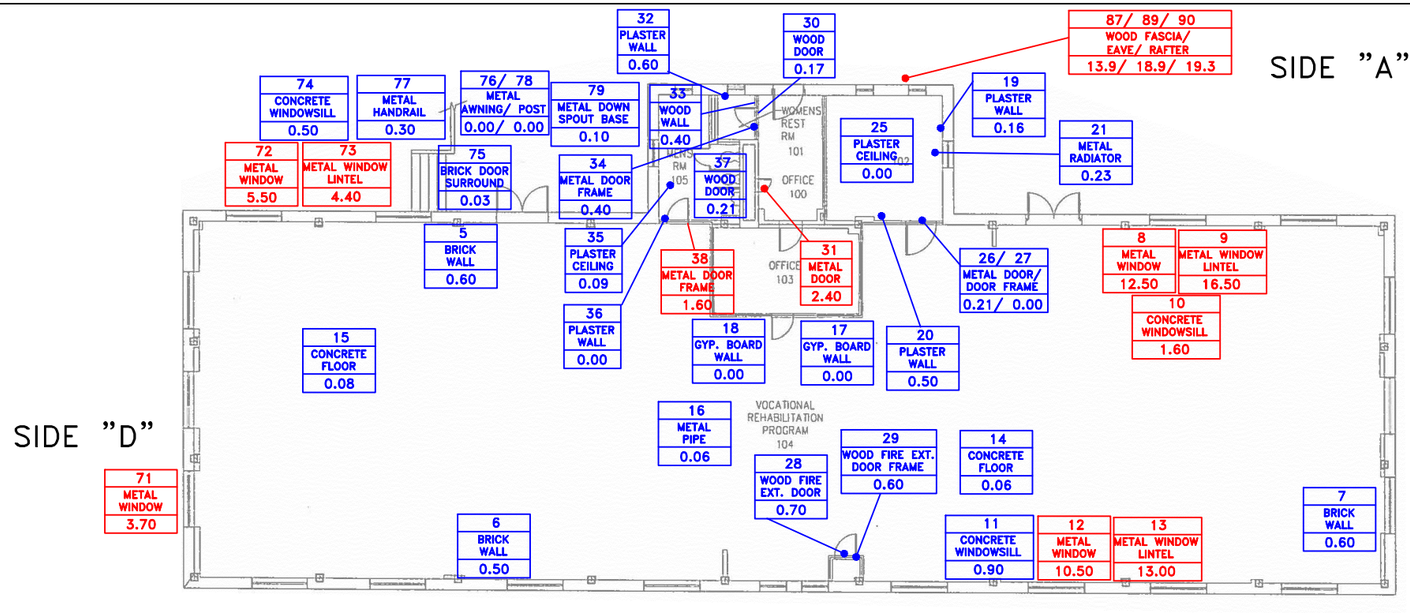
* = Reading number 1 is an internal diagnostic reading that does not represent lead content on any items.

Null = Incomplete test due to instrument movement or early trigger release.

Reading numbers 91 - 120 apply to Building 4, also tested on same date. Please see corresponding building table for this data.

ACTION LEVEL = 1.00 mg/cm^2

APPENDIX R-2
XRF Testing Location Plans



SIDE "C"
BUILDING 41 – FIRST FLOOR



SIDE "C"
BUILDING 41 – GROUND FLOOR

NOT TO SCALE

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 1: BUILDING 41

Safety Environmental Laboratories and Consulting, Inc.
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PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

BUILDING 41
SHEET 1 OF 1

APPENDIX R-3
Photographic Documentation

Building 41
Photographic Documentation



Photograph 1
Damaged LBP on metal windows (interior side) – typical. LBP also on windowsills (not pictured) – typical.



Photograph 2
Damaged / peeling / cracking LBP on metal window lintels – typical.



Photograph 3
Cracked LBP on door frame in Room 100.



Photograph 4
Damaged LBP on metal windows and lintels (exterior side) – typical.

Building 41
Photographic Documentation



Photograph 5
Damaged / cracked LBP on wooden eaves, fascia, and rafters – typical.



Photograph 6
Damaged / deteriorating LBP on concrete ceilings in ground floor, main bay/warehouse.



Photograph 7
Damaged / deteriorating LBP on concrete ceilings in ground floor mechanical room/end bay.



Photograph 8
Damaged LBP on wood fascia of Building 41.

APPENDIX S

BUILDING 46
CHAPEL



INCLUDED IN APPENDIX S:

S-1 – XRF Testing Data Sheets

S-2 – XRF Testing Location Plans

S-3 – Photographic Documentation

APPENDIX S-1
XRF Testing Data Sheets

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 46
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Room	Building	Inspector	Results	Lead (mg/cm^2)
1	7/2/2014 10:46											1.49*
2	7/2/2014 10:50	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573										0.90
3	7/2/2014 10:51	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573										1.10
4	7/2/2014 10:51	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573										1.20
23	7/2/2014 14:19	Ceiling	Concrete	A	Intact	White	Interior	1	Bldg 46	NP	Negative	0.00
24	7/2/2014 14:22	Wall	CMU	D	Intact	Beige	Interior	1	Bldg 46	NP	Negative	0.04
25	7/2/2014 14:25	Arch	Plaster	D	Intact	Brown	Interior	1	Bldg 46	NP	Negative	0.03
26	7/2/2014 14:25	Arch	Plaster	B	Intact	Brown	Interior	1	Bldg 46	NP	Negative	0.02
27	7/2/2014 14:26	Window Sill	Wood	D	Intact	White	Interior	1	Bldg 46	NP	Negative	0.01
28	7/2/2014 14:28	Wall Panel	Wood	C	Intact	Gray	Interior	1	Bldg 46	NP	Negative	0.01
29	7/2/2014 14:28	Ceiling	Wood	C	Intact	Beige	Interior	1	Bldg 46	NP	Negative	0.01
30	7/2/2014 14:29	Ceiling	Wood	C	Intact	Beige	Interior	1	Bldg 46	NP	Negative	0.01
31	7/2/2014 14:30	Duct Cover	Wood	A	Intact	White	Interior	1	Bldg 46	NP	Negative	0.01
32	7/2/2014 14:30	Duct Cover	Wood	C	Intact	White	Interior	1	Bldg 46	NP	Negative	0.00
33	7/2/2014 14:31	Door	Wood	D	Intact	Brown	Interior	1	Bldg 46	NP	Negative	0.04
34	7/2/2014 14:32	Door Frame	Metal	D	Intact	Brown	Interior	1	Bldg 46	NP	Negative	0.04
35	7/2/2014 14:35	Door Frame	Metal	A	Intact	Cream	Interior	Corridor 5	Bldg 46	NP	Negative	0.00
36	7/2/2014 14:36	Wall	CMU	B	Intact	Cream	Interior	Corridor 5	Bldg 46	NP	Negative	0.50
37	7/2/2014 14:38	Door	Metal	B	Intact	Gray	Interior	Rm 6	Bldg 46	NP	Negative	0.03
38	7/2/2014 14:38	Door Frame	Metal	B	Intact	Gray	Interior	Rm 6	Bldg 46	NP	Negative	0.02
39	7/2/2014 14:41	Window Sill	Wood	D	Intact	White	Interior	Rm 8	Bldg 46	NP	Negative	0.03
40	7/2/2014 14:42	Closet Door	Wood	C	Intact	Gray	Interior	Rm 8	Bldg 46	NP	Negative	0.03
41	7/2/2014 14:42	Closet Door Frame	Metal	C	Intact	Gray	Interior	Rm 8	Bldg 46	NP	Negative	0.03
42	7/2/2014 14:44	Closet Door Frame	Metal	D	Intact	Gray	Interior	Rm 11	Bldg 46	NP	Negative	0.01
43	7/2/2014 14:44	Closet Door	Wood	D	Intact	Gray	Interior	Rm 11	Bldg 46	NP	Negative	0.08
44	7/2/2014 14:45	Wall	CMU	A	Intact	White	Interior	Rm 11	Bldg 46	NP	Negative	-0.21
45	7/2/2014 14:45	Wall	CMU	A	Intact	White	Interior	Rm 11	Bldg 46	NP	Negative	-0.26
46	7/2/2014 14:47	Wall	CMU	C	Intact	White	Interior	Rm 10	Bldg 46	NP	Negative	0.17

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 46
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Room	Building	Inspector	Results	Lead (mg/cm^2)
47	7/2/2014 14:48	Floor	Concrete		Intact	Gray	Interior	Rm 10	Bldg 46	NP	Negative	0.03
48	7/2/2014 14:49	Radiator Cover	Metal	C	Intact	White	Interior	Rm 10	Bldg 46	NP	Negative	0.01
49	7/2/2014 14:50	Window Sill	Wood	C	Intact	White	Interior	Rm 9	Bldg 46	NP	Negative	0.07
50	7/2/2014 14:51	Closet Door	Wood	A	Intact	White	Interior	Rm 9	Bldg 46	NP	Negative	0.03
51	7/2/2014 14:52	Closet Door Frame	Metal	A	Intact	White	Interior	Rm 9	Bldg 46	NP	Negative	0.06
52	7/2/2014 14:54	Floor	Concrete	A	Intact	Gray	Interior	Rm 5a	Bldg 46	NP	Negative	0.00
53	7/2/2014 14:55	Floor	Concrete	A	Intact	Gray	Interior	Rm 12	Bldg 46	NP	Negative	0.00
54	7/2/2014 14:59	Wall	Gypsum Board	B	Intact	White	Interior	Rm 3	Bldg 46	NP	Negative	0.00
55	7/2/2014 14:59	Wall	Gypsum Board	B	Intact	White	Interior	Rm 3	Bldg 46	NP	Negative	0.01
56	7/2/2014 15:07	Floor	Concrete	B	Poor	Gray	Interior	Rm 4	Bldg 46	NP	Negative	0.05
57	7/2/2014 15:08	Handrail	Metal	D	Intact	Yellow	Interior	Rm 4	Bldg 46	NP	Positive	7.30
58	7/2/2014 15:09	Handrail	Metal	D	Intact	Yellow	Interior	Rm 4	Bldg 46	NP	Positive	2.40
59	7/2/2014 15:37	Equipment Stand	Concrete	A	Intact	Yellow	Interior	Rm 4	Bldg 46	NP	Negative	0.09
60	7/2/2014 15:37	Equipment Stand	Concrete	A	Intact	Yellow	Interior	Rm 4	Bldg 46	NP	Negative	0.11
61	7/2/2014 15:39	Structural Steel	Metal	A	Intact	Black	Interior	Rm 4	Bldg 46	NP	Negative	0.00
62	7/2/2014 15:39	Structural Steel	Metal	A	Intact	Black	Interior	Rm 4	Bldg 46	NP	Negative	0.00
63	7/2/2014 15:39	Structural Steel	Metal	A	Intact	Black	Interior	Rm 4	Bldg 46	NP	Negative	0.00
64	7/2/2014 15:41	Door	Metal	B	Intact	Gray	Interior	Rm 4	Bldg 46	NP	Negative	0.06
65	7/2/2014 15:41	Door Frame	Metal	B	Intact	Gray	Interior	Rm 4	Bldg 46	NP	Negative	0.01
66	7/2/2014 15:58	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573										0.90
67	7/2/2014 16:00	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573										1.00
68	7/2/2014 16:01	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573										0.90
69	7/3/2014 8:22											1.39*
70	7/3/2014 8:49	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573										0.80
71	7/3/2014 8:49	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573										1.10
72	7/3/2014 8:50	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573										0.90
73	7/3/2014 9:00	Ceiling	Concrete	A	Intact	White	Exterior		Bldg. 46	NP	Null	0.03
74	7/3/2014 9:00	Ceiling	Concrete	A	Intact	White	Exterior		Bldg. 46	NP	Negative	0.02

ACTION LEVEL = 1.00 mg/cm^2

XRF TESTING DATA
VAMC TUSCALOOSA
BUILDING 46
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404
SELC PROJECT #: 2014-1107

NITON XLP 700-303A
Serial #21385

Reading Number	Date & Time	Component	Substrate	Side	Condition	Color	Location	Room	Building	Inspector	Results	Lead (mg/cm^2)
75	7/3/2014 9:04	Sign	Metal	A	Intact	Black	Exterior		Bldg. 46	NP	Positive	1.40
76	7/3/2014 9:11	Decorative Grill	Wood	A	Peeling	White	Exterior		Bldg. 46	NP	Positive	6.60
77	7/3/2014 9:21	Downspout	Factory Coated Aluminum	B	Intact	White	Exterior		Bldg. 46	NP	Negative	0.00
78	7/3/2014 9:22	Downspout Base	Metal	B	Poor	Black	Exterior		Bldg. 46	NP	Positive	1.10
79	7/3/2014 9:30	Door	Metal	B	Poor	White	Exterior		Bldg. 46	NP	Positive	7.40
80	7/3/2014 9:30	Door Frame	Metal	B	Poor	White	Exterior		Bldg. 46	NP	Positive	12.00
81	7/3/2014 9:37	Soffit	Wood	A	Peeling	White	Exterior		Bldg. 46	NP	Positive	16.60
82	7/3/2014 9:37	Fascia	Wood	A	Peeling	White	Exterior		Bldg. 46	NP	Negative	0.02
83	7/3/2014 9:39	Fascia	Wood	A	Peeling	White	Exterior		Bldg. 46	NP	Positive	7.50
84	7/3/2014 9:47	Window Lintel	Metal	A	Peeling	White	Exterior		Bldg. 46	NP	Negative	0.00
85	7/3/2014 9:48	Window Lintel	Metal	A	Peeling	White	Exterior		Bldg. 46	NP	Null	1.10
86	7/3/2014 9:49	Window Lintel	Metal	C	Peeling	Silver	Exterior		Bldg. 46	NP	Positive	2.40
87	7/3/2014 9:55	Door Frame	Metal	D	Poor	White	Exterior		Bldg. 46	NP	Positive	5.40
134	7/3/2014 13:31	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573										1.10
135	7/3/2014 13:33	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573										1.00
136	7/3/2014 13:35	Calibrate Acceptable Range, 0.8 - 1.2, SRM 2573										1.00

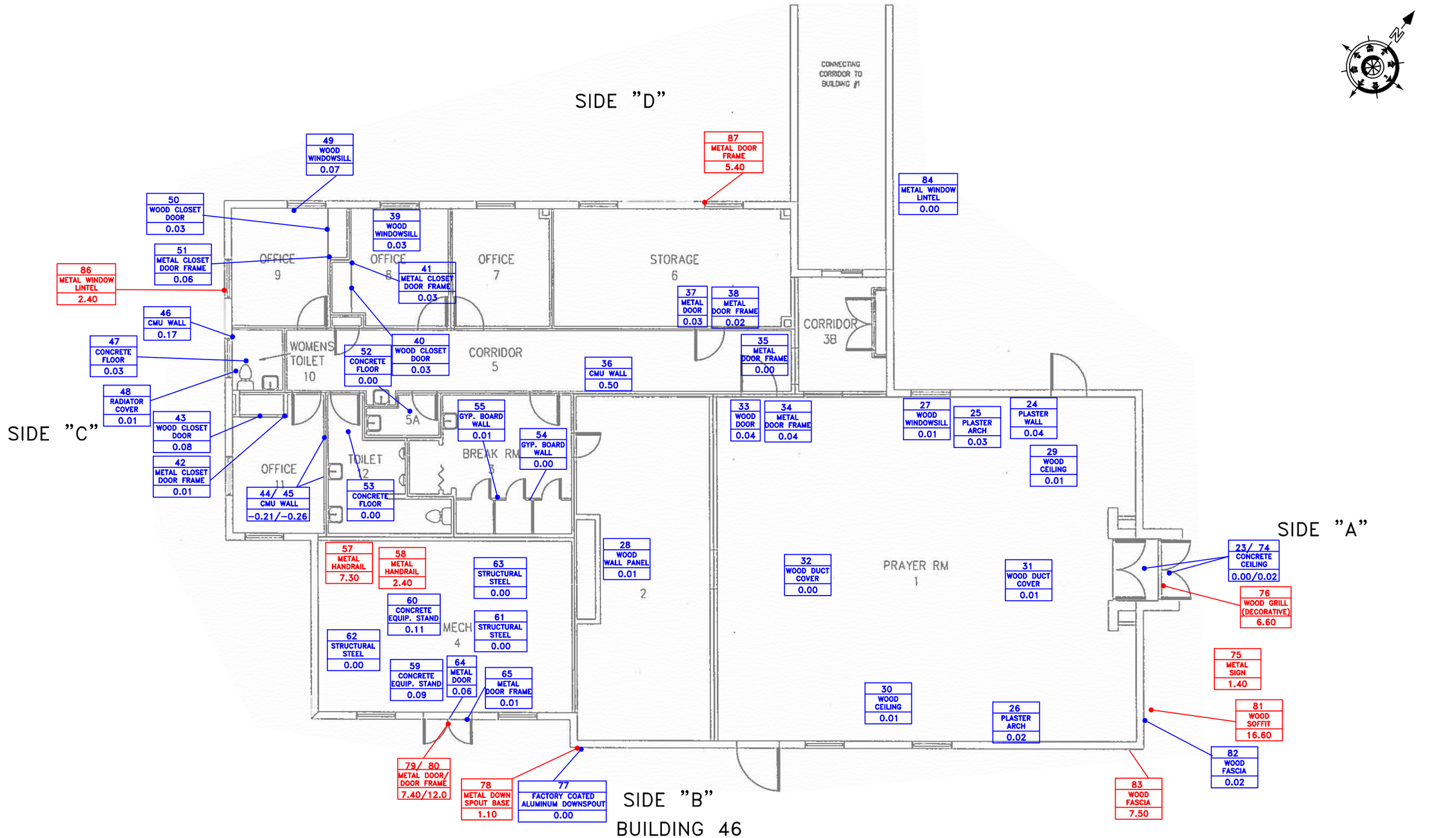
* = Reading numbers 1 and 69 are internal diagnostic readings that do not represent lead content on any items.

Null = Incomplete test due to instrument movement or early trigger release.

Readings 5 -22 from 7/2/14 and 88 - 133 from 7/3/14 apply to Buildings 13, 14, 25, 27, and 28. Please see corresponding building tables for this data.

ACTION LEVEL = 1.00 mg/cm^2

APPENDIX S-2
XRF Testing Location Plans



NOT TO SCALE

XRF # — XRF TEST NUMBER
BUILDING COMPONENT — BUILDING COMPONENT TESTED
LEAD CONTENT (MG/CM²) — RESULTS / LEAD CONTENT IN PAINT (MG/CM²)

SHEET 1: BUILDING 46

Safety Environmental Laboratories and Consulting, Inc.
SELC
989 Yeager Parkway
Pelham, AL 35124
(205) 823-6200 fax (205) 823-9066

PROJECT

LEAD BASED PAINT INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1107

BUILDING 46
GROUND FLOOR
SHEET 1 OF 1

APPENDIX S-3
Photographic Documentation

Building 46
Photographic Documentation



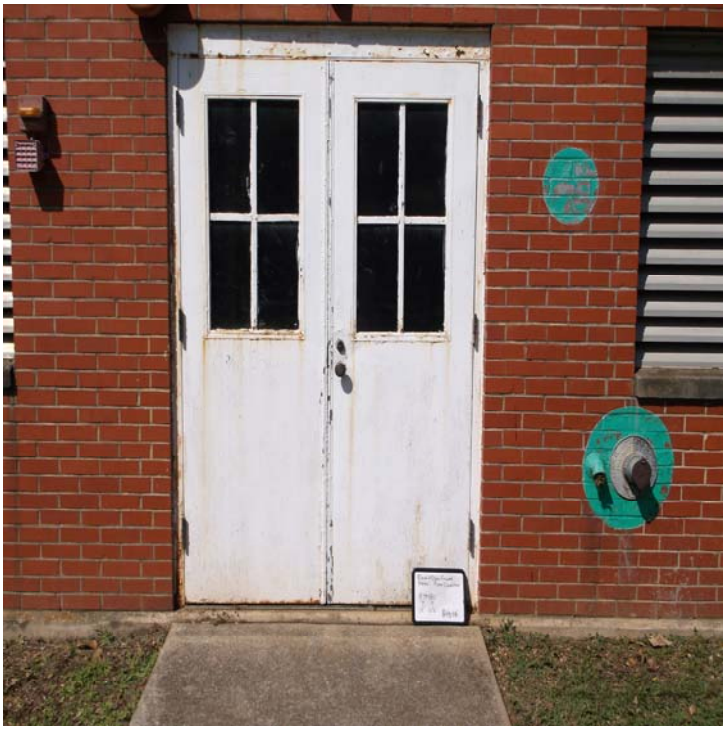
Photograph 1
Damaged LPB on wooden decorative grill.



Photograph 2
Damaged / peeling LPB on wooden decorative grill.



Photograph 3
Damage LBP on metal down spout base – typical.



Photograph 4
Damaged LBP on metal door and frame to Room 4.

Building 46
Photographic Documentation



Photograph 5
Damaged / peeling LPB on wooden soffit and fascia – typical.



Photograph 6
Damaged / peeling LPB on wooden soffit and fascia – typical.



Photograph 7
Damaged / peeling LPB on exterior metal door frame – typical.

NO PHOTOGRAPH

APPENDIX T

2009/2010 SELC LEAD BASED PAINT INSPECTION REPORT (partial copy)

LEAD-BASED PAINT
INSPECTION REPORT FOR
VETERAN AFFAIRS MEDICAL CENTER
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT #: 2009-1073

***PREPARED FOR*:**

JUDY MAYR
VETERAN AFFAIRS MEDICAL CENTER
3701 LOOP ROAD
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CONDUCTED AND PREPARED BY:

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2009 – 2010

TUSCALOOSA VAMC - LBP INSPECTION REPORT
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Environmental, Health, and Safety Solutions

January 15, 2010

Veterans Memorial Medical Center
Attn: Judy Mayr
3701 Pelham Loop Road East
Tuscaloosa, AL 35404-5099

RE: Lead-Based Paint Inspection Summary for the V.A Medical Center - Tuscaloosa, AL
P.O. Number: 679-C95195; SELC Project Number: 2009-1073

Ms. Mayr:

As requested, Safety Environmental Laboratories & Consulting, Inc. (SELC), a state certified lead-based paint (LBP) activity firm, has completed the inspections of the interior and exterior painted surfaces at 22 buildings located at the above referenced project in Tuscaloosa, AL. SELC has prepared this letter to summarize the LBP inspection services recently provided at the subject buildings. Please attach this letter to the other report components associated with the LBP Inspection.

1.0 Purpose and Scope of Services

SELC was employed to identify the general lead content in paints on the primary building components located at Buildings 1, 2, 3, 4, 5, 6, 8, 12, 13, 14, 17, 18, 25, 27, 28, 33, 39, 40 (excluding day care center), 41, 46, 61 and 63. Those buildings do not meet the USEPA definition of “Target Housing” or “Child Occupied Facility”. LBP inspection data for the buildings, or portions of buildings, that do meet that EPA housing criteria are also reported separately. Generally, SELC’s goal was to provide information at a level of detail sufficient for basic hazard communication and initial project planning purposes and to provide information for prospective remediation contractors (i.e. bidders) to determine the appropriate level of worker protection that will be needed for compliance with the OSHA Lead in Construction Standard 29 CFR Part 1926.62. The scope of services is essentially summarized as follows:

1) Collect information about the age and basic construction techniques for the interior and exterior of each building. Identify the basic types of building materials that have coatings (i.e. paints, primers, stains, varnishes).
2) Conduct on-site paint testing using a portable XRF instrument.
3) Prepare a report that describes our inspection process, summarizes the findings, and presents all testing data.

2.0 Inspection Methodology

The paint inspections were performed at the 22 buildings between October 26, 2009 and November 25, 2009 by Michelle Correia, a properly trained and certified lead inspector/risk assessor, licensed by the State of Alabama (see Appendix 3 Certification). As stated above, none of the buildings covered by this report meet the US EPA and HUD definition of "Target Housing" or "Child Occupied Facility" and therefore are not subject to any regulations specific to LBP. However, the basic method of testing utilized by SELC during these LBP inspections was consistent with procedures outlined in Chapter 7 of the United States Housing and Urban Development (HUD) Guidelines for the Evaluation and Control of Lead-Based Paint in Housing, revised October 1997. HUD and the United States Environmental Protection Agency (EPA) guidelines specify a positive determination for LBP when the lead content in a coating is equal to or greater than 1.0 milligrams of lead per square centimeter of painted surface (mg/cm^2) when measured by X-Ray Fluorescence (XRF). SELC's primary deviation, from the protocols of the HUD Guidelines, was a reduction in the quantity of tests per each type of component at each building. However, multiple tests representative of the paints on each homogeneous building material were performed at each building.

Experienced personnel trained for proper operation of XRF paint analyzers performed the paint inspections. Those personnel are also properly trained for identification of LBP in accordance with the training criteria prescribed by the EPA for "Target Housing". SELC is licensed by the Alabama Department of Public Health (ADPH) to own and operate a XRF which contains a radioactive material. SELC is also properly certified by ADPH as a LBP activity firm in the categories of inspection, risk assessment, and abatement project design.

These LBP inspections addressed all readily accessible interior and exterior painted building materials. Paint testing was performed by a Niton XRF Analyzer, Model XLP 700-303A, Serial # 21385, to measure the lead content of surface coatings on representative homogenous building components. A homogeneous component is a building material that is uniform in function, composition, texture, age, and generally appears consistent at various locations at the building. Surface paint color was not typically used as a factor to determine homogeneity and/or reduce testing frequency because all layers of paint need to be included. The XRF instrument detects lead in all layers of paint.

Although the protocol described in the HUD Guidelines for XRF instrument usage and selection of paint testing locations; the frequency / quantity of testing for any given individual building component may have been modified to reflect the nature of the subject project. Specifically it is important to note that the HUD Guidelines are not directly applicable to these types of buildings and the proposed demolition work. Given that the buildings are not and will not be occupied by children there is not a need to specifically identify lead levels on each and every wall in each and every room. Rather the goal is to identify the lead ranges and paint conditions as relevant to the remediation work and the OSHA Lead Standard.

3.0 Paint Testing Results

The XRF testing results summarized below are presented based upon the EPA & HUD definition of lead based paint (LBP) which is only paints with a lead content equal to or greater than 1.0 milligrams per square centimeter (mg/cm^2). However, it is important to note that under certain conditions and work operations significant airborne lead levels may be generated and trigger provisions of the OSHA Lead Standard 29 CFR 1926.62. The specific building components that were found to be coated with LBP are listed below for each building.

Generally two categories are presented for each building as is reflected by the XRF data sheets and summary tables presented as appendices to the report:

1) Testing results for paints were either 100% positive (i.e. lead equal to or greater than 1.0 mg/cm^2) or at least the majority was found to be positive for LBP

2) Testing results for paints revealed positive LBP at some locations and lead concentrations less than mg/cm^2 at other locations and as a precautionary measure, all like components should be treated as coated with LBP unless future testing proves otherwise at specific locations

Building 1

- Plaster Ceiling Above Drop Ceiling On All Floors and Basement = <1.0 to 1.9 mg/ cm²
- Metal Door and Frames Throughout Building = <1.0 to 5.2 mg/ cm²
- Wooden Door Frame in Lobby = 4.3 mg/ cm²
- Wooden Dormers in Attic = 4.2 To 21.2 mg/ cm²
- Metal Ducts in Mechanical Area = 7.9 to 40.6 mg/ cm²
- Metal Handrails and Posts In Stairwells = <1.0 to 8.8 mg/ cm²
- Concrete Machine Platforms in Mechanical Area = <1.0 to 2.0 mg/ cm²
- Wooden Wall Trim in Lobby = 5.3 to 6.7 mg/ cm²
- Wooden Wall in Attic = <1.0 to 1.8 mg/ cm²
- Metal Handrails on Exterior = <1.0 to 3.4 mg/ cm²
- Metal Window Lintel on Exterior = 19.6 to 43.5 mg/ cm²

Building 2

- Plaster Walls in Offices = <1.0 To 1.8 mg/ cm²

Building 3

- Metal Balustrades in Stairwell = 1.3 mg/ cm²
- Metal Beams in Sub-basement = <1.0 To 10.1 mg/ cm²
- Metal Boiler in Sub-basement = 2.2 mg/ cm²
- Concrete Ceiling and Ceiling Beam in Sub-basement = <1.0 To 8.1 mg/ cm²
- Wooden Coat Rack in Office = 4.0 mg/ cm²
- Metal Columns in Hallways = <1.0 To 1.0 mg/ cm²
- Concrete Curb in Sub-basement = 3.3 mg/ cm²
- Metal Doors and Frames Throughout Building = <1.0 to 23.2 mg/ cm²
- Wooden Doors and Frames Throughout Building = <1.0 to 13.8 mg/ cm²
- Metal Fire Boxes in Hallways = <1.0 to 2.6 mg/ cm²
- Metal Handrails Throughout Building = <1.0 to 7.4 mg/ cm²
- Metal Ladder in Sub-basement = 3.7 mg/ cm²
- Wooden Mirror Frame and Shelf in Bathroom = 1.7 to 3.5 mg/ cm²
- Wooden Newel Post in Stairwell = 3.4 mg/ cm²
- Metal Risers in Sub-basement and Stairwell = <1.0 to 5.2 mg/ cm²
- Metal Sliding Door in Sub-basement = 6.1 mg/ cm²
- Wooden Stringers in Stairwells = <1.0 to 2.3 mg/ cm²
- Wooden Transom in Hallway and Office = 6.6 to 6.7 mg/ cm²
- Metal Stair Tread in Sub-basement and Stairwell = <1.0 to 2.5 mg/ cm²
- Brick Wall in Sub-basement and Storage Room = <1.0 to 7.0 mg/ cm²
- Concrete Wall in Storage Room = 2.3 mg/ cm²
- Plaster Wall in Hallway = 1.3 mg/ cm²

- Wooden Walls in Storage Room and Hallway = 1.1 to 3.4 mg/ cm²
- Metal Window in Sub-basement = 2.5 mg/ cm²
- Metal Window Frames in Sub-basement = <1.0 to 5.9 mg/ cm²
- Concrete Bay Door Header on Exterior = 1.8 mg/ cm²
- Metal Door Frames on Exterior = <1.0 to 23.2 mg/ cm²
- Brick Stack on Exterior = 1.2 mg/ cm²

Building 4

- Metal Balustrades in Foyer and Stairwell = <1.0 to 4.8 mg/ cm²
- Wooden Baseboards in Office, Auditorium and Stage = 5.4 to 8.5 mg/ cm²
- Wooden Cabinet and Door in Auditorium = 14.1 to 17.9 mg/ cm²
- Metal Cage Above Door in Foyer = 5.9 mg/ cm²
- Plaster Ceilings in Foyers, Hallway and Mechanical Room = <1.0 to 3.9 mg/ cm²
- Wooden Chair Rail in Auditorium = 12.1 mg/ cm²
- Wooden Columns in Auditorium and Stage = 12.1 to 24.2 mg/ cm²
- Wooden Doors and Frames Throughout Building = <1.0 to 15.0 mg/ cm²
- Metal Door Frames Throughout Building = <1.0 to 9.1 mg/ cm²
- Metal Handrails in Auditorium and Hallway = <1.0 to 2.1 mg/ cm²
- Metal Ladder in Mechanical Room and Stage = <1.0 to 8.3 mg/ cm²
- Newel Posts in Foyer and Stairwell = <1.0 to 8.9 mg/ cm²
- Wooden Stringer in Foyer and Stairwell = <1.0 to 4.9 mg/ cm²
- Wooden Transom in Foyer = 8.7 mg/ cm²
- Metal Stair Tread in Hallway = 3.4 mg/ cm²
- Plaster Walls in Auditorium, Foyers, Hallways, Offices, Stage, Stairwells and Mechanical Room = <1.0 to 10.2 mg/ cm²
- Wooden Wall Below Chair Rail in Auditorium and Office = <1.0 to 14.7 mg/ cm²
- Wooden Wall Rack on Stage = 6.2 mg/ cm²
- Metal Windows in Hallway and Stage = 3.1 to 3.7
- Wooden Windows, Frames and Sills Throughout Building = <1.0 to 9.8 mg/ cm²
- Metal Balustrades on Exterior = 4.9 to 7.0 mg/ cm²
- Wooden Columns on Exterior = 4.4 to 44.1 mg/ cm²
- Wooden Door Frames on Exterior = 39.6 to 52.5 mg/ cm²
- Metal Fire Hydrant on Exterior = <1.0 to 1.4 mg/ cm²
- Metal Header on Exterior = 37.5 mg/ cm²
- Metal Newel Posts on Exterior = 4.7 to 6.9 mg/ cm²
- Concrete Threshold on Exterior = 1.5 mg/ cm²
- Metal Transom on Exterior = 6.2 mg/ cm²
- Brick Walls on Exterior = 12.9 to 19.3 mg/ cm²
- Wooden Window and Frame on Exterior = 12.4 to 27.8 mg/ cm²

Building 5

- Metal Balustrades in Foyer and Stairwells = 2.8 to 4.9 mg/ cm²
- Concrete Baseboards in Stairwells and Hallways = <1.0 to 5.9 mg/ cm²
- Concrete Ceilings in Offices and Mechanical Room = <1.0 to 1.5 mg/ cm²
- Plaster Ceilings in Offices and Foyers = <1.0 to 6.2 mg/ cm²
- Metal Door in Basement = 5.2 mg/ cm²
- Wooden Door in Basement = 4.1 mg/ cm²
- Metal Door Frames in Offices, Hallways, Bathroom and Foyers = <1.0 to 7.2 mg/ cm²
- Wooden Door Frames in Foyers, Hallways and Mechanical Room = <1.0 to 7.1 mg/ cm²
- Metal Fire Box Door and Frames in Foyers and Hallways = <1.0 to 3.2 mg/ cm²

- Metal Newel Posts in Foyers and Stairwells = 4.4 to 5.5 mg/ cm^2
- Metal Risers in Stairwells = <1.0 to 4.5 mg/ cm^2
- Metal Stall and Door in Bathroom = 1.3 to 1.7 mg/ cm^2
- Wooden Stall Door in Office = 4.0 mg/ cm^2
- Metal Stringers in Foyers and Stairwells = <1.0 to 6.6 mg/ cm^2
- Wooden Transom in Foyer = 7.6 mg/ cm^2
- Block Walls in Stairwells and Mechanical Room = <1.0 to 1.5 mg/ cm^2
- Plaster Walls in Foyers, Hallways, Offices, Stairwells and Bathroom = <1.0 to 2.2 mg/ cm^2
- Wooden Windows, Frames and Sills Throughout Building = <1.0 to 7.7 mg/ cm^2
- Wooden Ceiling Trim on Exterior = 11.7 mg/ cm^2
- Wooden Columns on Exterior = <1.0 to 10.7 mg/ cm^2
- Wooden Door Frame and Trim on Exterior = 1.5 to 3.0 mg/ cm^2
- Metal Newel Posts on Exterior = 3.6 to 3.8 mg/ cm^2
- Wooden Side Transom on Exterior = 3.0 mg/ cm^2
- Wooden Soffit on Exterior = 1.3 mg/ cm^2
- Concrete Thresholds on Exterior = <1.0 to 2.1 mg/ cm^2

Building 6

- Wooden Balustrades in Stairwells = 9.2 to 10.5 mg/ cm^2
- Wooden Baseboards in Offices, Foyer and Hallway = <1.0 to 8.9 mg/ cm^2
- Plaster Ceilings in Foyers, Hallways, Offices and Stairwells = <1.0 to 2.3 mg/ cm^2
- Wooden Doors and Frames Throughout Building = <1.0 to 9.1 mg/ cm^2
- Wooden Fireplace Mantle in Offices = 7.6 to 9.2 mg/ cm^2
- Wooden Floor in Attic Stairwell = 6.5 mg/ cm^2
- Wooden Handrail in Attic = 8.9 mg/ cm^2
- Wooden Headers in Stairwells = 8.1 to 8.2 mg/ cm^2
- Wooden Risers in Stairwells = 2.6 to 8.3 mg/ cm^2
- Wooden Stringers in Stairwells and Attic = 4.7 to 11.7 mg/ cm^2
- Metal Support Beam in Stairwell and Storage Room = 4.4 to 11.1 mg/ cm^2
- Wooden Transom in Foyer = 7.7 mg/ cm^2
- Wooden Stair Treads in Stairwells = 5.2 to 6.5 mg/ cm^2
- Plaster Wall in Bathroom = 1.6 mg/ cm^2
- Wooden Window in Attic = 8.1 mg/ cm^2
- Wooden Window Frames, Sash and Sills Throughout Building = <1.0 to 12.3 mg/ cm^2
- Wooden Column and Support on Exterior = 5.8 to 44.5 mg/ cm^2
- Wooden Door Frame on Exterior = 39.1 mg/ cm^2
- Wooden Transom on Exterior = 49.7 mg/ cm^2
- Wooden Ceilings on Exterior = <1.0 to 21.1 mg/ cm^2
- Wooden Doors and Frames on Exterior = 21.8 to 40.1 mg/ cm^2
- Wooden Fascia and Soffit on Exterior = 16.7 to 51.0 mg/ cm^2
- Metal Handrails on Exterior = <1.0 to 2.7 mg/ cm^2
- Metal Window Lintel on Exterior = 45.1 mg/ cm^2
- Metal Newel Post on Exterior = 8.7 mg/ cm^2
- Brick Wall on Exterior = 23.8 mg/ cm^2

Building 8

- Wooden Balustrades in Stairwells = <1.0 to 8.0 mg/ cm^2
- Wooden Baseboards in Throughout Building = <1.0 to 7.9 mg/ cm^2
- Plaster Ceilings in Throughout Building = <1.0 to 2.0 mg/ cm^2

- Wooden Coat Rack in Attic = 3.7 mg/ cm²
- Wooden Closet Shelf Support in Attic = 4.8 mg/ cm²
- Wooden Doors and Frames Throughout Building = <1.0 to 9.9 mg/ cm²
- Wooden Fireplace Mantle in Living Room = 6.7 mg/ cm²
- Wooden Handrail in Stairwell = 13.6 mg/ cm²
- Wooden Headers in Stairwells = 5.9 to 7.9 mg/ cm²
- Wooden Newel Posts in Stairwells = <1.0 to 14.1 mg/ cm²
- Wooden Risers in Stairwells = 3.5 to 10.3 mg/ cm²
- Wooden Stall in Bathroom = 1.6 mg/ cm²
- Wooden Stringers in Stairwells = 7.2 to 9.9 mg/ cm²
- Metal Support Beam in Storage Room = 17.5 mg/ cm²
- Wooden Transom in Foyer = 13.0 mg/ cm²
- Concrete Walls in Laundry and Storage Rooms = 1.3 to 1.4 mg/ cm²
- Plaster Walls in Foyer and Hallway = 1.3 to 1.6 mg/ cm²
- Wooden Window Frames and Sills Throughout Building = 4.4 to 13.2 mg/ cm²
- Wooden Column on Exterior = 45.9 mg/ cm²
- Wooden Door Frame on Exterior = 39.1 mg/ cm²
- Wooden Transom on Exterior = 49.7 mg/ cm²
- Wooden Ceilings on Exterior = <1.0 to 21.1 mg/ cm²
- Wooden Door and Frame on Exterior = 3.3 to 35.5 mg/ cm²
- Wooden Fascia and Soffit on Exterior = 35.6 to 40.0 mg/ cm²
- Metal Handrails on Exterior = 2.3 to 4.1 mg/ cm²
- Metal Window Lintel on Exterior = 15.3 mg/ cm²
- Metal Newel Post on Exterior = 3.6 mg/ cm²
- Wooden Window and Frame on Exterior = 42.8 to 45.7 mg/ cm²

<u>Building 12</u>

- Metal Door and Frame in Warehouse and Bathroom = 1.9 to 2.4 mg/ cm²
- Wooden Door Frame in Office = 7.4 mg/ cm²
- Concrete Floor in Bathroom = 7.1 mg/ cm²
- Concrete Marking Paint = 3.2 to 3.9 mg/ cm²
- Metal Safe Door in Office = 1.4 mg/ cm²
- Metal Stall in Bathroom = 3.9 mg/ cm²
- Drywall Walls in Offices and Bathroom = <1.0 to 5.6 mg/ cm²
- Metal Windows and Frames = 1.9 to 17.1 mg/ cm²
- Wooden Eave on Exterior = 9.1 mg/ cm²
- Wooden Roof Beams and Decking on Exterior = 5.6 to 9.0 mg/ cm²
- Metal Roof Structural Steel on Exterior = 6.5 to 8.0 mg/ cm²

<u>Building 13</u>

- Metal Window = 5.8 mg/ cm²
- Wooden Door Frame on Exterior = 2.3 mg/ cm²

<u>Building 14</u>

- Metal Door = 29.0 mg/ cm²
- Wooden Door and Frame = 22.1 to 27.3 mg/ cm²
- Metal Window = 7.6 mg/ cm²
- Wooden Fascia on Exterior = 2.1 mg/ cm²

Building 17

- Wooden Doors and Frames Throughout Building = <1.0 to 7.6 mg/ cm²
- Metal Door Frames Throughout Building = 1.8 to 7.1 mg/ cm²
- Metal Marking Paint = 4.2 mg/ cm²
- Metal Structural Steel in Attic = 7.3 to 10.1 mg/ cm²
- Wooden Doors and Frame on Exterior = 35.6 to 39.6 mg/ cm²
- Wooden Eave, Fascia and Soffit on Exterior = 29.1 to 37.7 mg/ cm²
- Wooden Windows on Exterior = 31.3 to 44.8 mg/ cm²

Building 18

- Wooden Door in Office = 1.8 mg/ cm²
- Metal Roof Decking = 5.0 mg/ cm²
- Metal Structural Steel = 7.8 to 8.1 mg/ cm²
- Wooden Door and Frame on Exterior = 20.8 to 20.9 mg/ cm²
- Wooden Eave, Fascia and Soffit on Exterior = 19.8 to 25.7 mg/ cm²
- Metal Windows on Exterior = 15.2 to 16.3 mg/ cm²

Building 25

- Metal Corner Protector = 13.5 mg/ cm²
- Wooden Door Frame = 8.8 mg/ cm²
- Wooden Fascia, Louver and Soffit = 3.5 to 25.7 mg/ cm²
- Metal Roll-up Door = 18.5 mg/ cm²
- Wooden Roll-up Door and Frame = 18.7 to 23.2 mg/ cm²
- Concrete Walls = <1.0 to 1.5 mg/ cm²

Building 27

- Wooden Roll-up Door Frame = 15.2 mg/ cm²
- Wooden Fascia, Louver and Soffit = 20.2 to 26.6 mg/ cm²

Building 28

- Metal Corner Protector = 21.6 mg/ cm²
- Wooden Roll-up Door Frame = 13.4 mg/ cm²
- Wooden Fascia, Louver and Soffit = 21.0 to 34.1 mg/ cm²

Building 33

- Metal Crawlspace Access Door in Hallway = 2.9 mg/ cm²
- Metal Door Frame in Hallway = 3.1 mg/ cm²
- Metal Electrical Panel in Hallway = 4.5 mg/ cm²
- Plaster Walls in Hallways = <1.0 to 1.4 mg/ cm²
- Metal Structural Steel in Attic = 10.1 to 21.1 mg/ cm²
- Wooden Vents in Attic on Exterior = 23.2 mg/ cm²
- Metal Cage / Fence on Exterior = 28.8 to 30.8 mg/ cm²

Building 39

- Concrete Baseboard in Storage Room = 1.1 mg/ cm²
- Metal Cages in Stairwells and Storage Room = 1.7 to 23.9 mg/ cm²
- Concrete Ceiling in Offices = 1.8 mg/ cm²
- Plaster Walls in Stairwells = 1.2 to 1.9 mg/ cm²
- Concrete/Plaster Columns in Office, Hallway and Mechanical Room = <1.0 to 1.5 mg/ cm²
- Wooden Doors in Offices, Hallway and Storage Room = 13 to 17.2 mg/ cm²

- Wooden Door Frame in Storage Room = 28.5 mg/ cm²
- Metal Door Frames Throughout Building = <1.0 to 11.0 mg/ cm²
- Metal Fire Box Frames in Hallways = <1.0 to 2.3 mg/ cm²
- Plaster Walls Throughout Building = <1.0 to 1.7 mg/ cm²
- Metal Window in Storage Room = 29.0 mg/ cm²
- Metal Window Frames Throughout Building = <1.0 to 12.3 mg/ cm²
- Wooden Window Sash and Sills Throughout Building = <1.0 to 15.3 mg/ cm²
- Metal Downspout on Exterior = 2.3 mg/ cm²

Building 40
- Plaster Ceilings in Offices and Stairwell = 1.1 to 1.4 mg/ cm²
- Plaster Ceiling Above Drop Ceiling in Offices = 1.1 mg/ cm²
- Metal Door Frames Throughout Building = <1.0 to 5.5 mg/ cm²
- Metal Handrail in Attic = 3.8 mg/ cm²
- Metal Cage in Stairwell = 1.4 mg/ cm²
- Metal Structural I-Beams in Attic = 10.1 to 18.4 mg/ cm²
- Plaster Walls Throughout Building = <1.0 to 1.5 mg/ cm²
- Metal Windows in Elevator Room = 6.1 to 6.9 mg/ cm²
- Wood Window in Attic = 18.4 mg/ cm²
- Wood Window Sill in Stairwell = 3.8 mg/ cm²
- Metal Downspouts on Exterior = <1.0 to 1.8 mg/ cm²
- Window Lintel on Exterior = 37.7 mg/ cm²

Building 41
- Metal Cage in Office = 2.2 mg/ cm²
- Concrete Ceiling in Basement = 1.4 mg/ cm²
- Concrete Column in Basement = 1.8 mg/ cm²
- Plaster Wall in Bathroom = 1.2 mg/ cm²
- Metal Windows on First Floor and Basement = 2.2 to 14.3 mg/ cm²
- Wooden Eave and Soffit on Exterior = 26.6 to 26.7 mg/ cm²
- Metal Windows on Exterior = <1.0 to 27.1 mg/ cm²

Building 46
- Metal Storage Box in Basement = 1.0 mg/ cm²
- Metal Downspout on Exterior = 2.2 mg/ cm²
- Wooden Fascia and Soffit on Exterior = 11.5 to 12.5 mg/ cm²
- Metal Sign on Exterior = 1.6 mg/ cm²
- Wooden Trim on Porch = 2.2 mg/ cm²

Building 61
- Wooden Column and Base on Porch = 2.0 to 2.3 mg/ cm²

Building 63
- None Detected

4.0 Conclusions and Recommendations

The two basic regulatory compliance issues relevant to future maintenance, renovation, and demolition activities involving lead containing paints at these buildings are worker exposure to lead during the activities that impact the LBP and proper disposal of lead containing waste. Worker exposure to lead is regulated by OSHA under the Lead in Construction Standard 29 CFR Part 1926.62.

Generally, OSHA takes the position, regarding the content of lead in paint, that the condition of the paint and the work activity impacting the paint are factors equally or more important than the actual lead in paint concentration because OSHA is primarily concerned about the exposure potential. The most common route of exposure is via inhalation of lead-containing dust or fumes. Obviously, certain types of operations will expose facility maintenance and construction site workers to more lead dust or fumes than other types. Maintenance or renovation operations involving removal of painted building components in a manner that keeps the paint intact are certainly a lower risk than operations involving grinding, sawing, torch cutting, or welding of LBP coated components. Demolition of a building using heavy equipment may release a large volume of lead-containing dust into the outdoor air; however the equipment operator's exposure may be minimal due to dilution and dispersal of wind. Alternatively, torch cutting or abrasive cutting of LBP coated metal items such as handrails will release a comparatively smaller volume of lead dust/fumes but will put the worker close to the release point and thereby at much greater risk for significant exposure. Therefore, OSHA requires employers to develop and implement site-specific written lead compliance programs.

The VAMC can address lead exposure issues associated with renovation and demolition projects through identification of the LBP descriptions and appropriate delineation of the contractor's obligations for OSHA compliance. Preparation of lead handling specifications and related notes on project drawings are the best way to identify these criteria. Lead exposure reduction issues for the maintenance staff could be addressed through safe working practices that are generally defined in various EPA documents, special training classes, and/or a facility specific LBP Operations & Maintenance program.

The other general issue is renovation and demolition waste disposal, which is regulated by the USEPA and Alabama Department of Environmental Management (ADEM) solid waste division. More specifically, the disposal concern relates to the potential for the demolition waste stream to contain hazardous levels of lead as defined by the USEPA, at 40 CFR Parts 260 - 268. The most common means of determining this is via the TCLP testing process. Most renovation and demolition debris will be well below the regulatory hazardous threshold per TCLP testing. Alternative methods of documenting compliance that involve calculations using the XRF data contained in the inspection report are available and acceptable to EPA.

5.0 Assumptions and Limitations

The results, findings, conclusions and recommendations expressed in this report are based only on conditions that were observed during the inspection performed by SELC on the dates listed herein. Conditions may change due to deterioration, renovation or maintenance.

This investigation was generally non-destructive in nature. Any conditions or materials, which were not visible on the surface or through openings in the building systems, were not inspected and may differ from those observed. It was not within the scope of this investigation to remove surface materials to investigate portions of the structure or materials that lay beneath the

surface. Our selection of test locations and frequency is based upon our observations and the assumption that apparent like materials in the same area are homogeneous.

This report is designed to aid the building owner, architect, construction manager, general contractors and potential abatement contractors in locating lead-based paint. Under no circumstances is this report to be utilized as a sole bidding document.

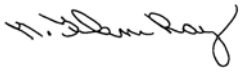
Thank you for the opportunity to perform these services for the V.A Medical Center in Tuscaloosa, AL. We hope this letter is helpful. If you need further assistance with this matter please do not hesitate to contact us at 205-823-6200.

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SELC Project #: 2009-1022
AL Dept Public Health LBP Firm Certificate #: ALPb-9-127
AL Dept Public Health XRF License #: 1507



Inspected By: Michelle Correia
Certified Inspector / Risk Assessor / Project Manager
UA Safe State LBP Inspector / Risk Assessor #: LRA1108152904



Reviewed By: N. Glenn Ray
Director of Operations
UA Safe State LBP Abatement Project Designer #: LPD030983297

Inspection Dates: September 9, 2009 - October 22, 2009
Report Issued: January 15, 2010

INSPECTED BY:
MICHELLE CORREIA

XRF TESTING DATA SHEETS
V. A. MEDICAL CENTER
TUSCALOOSA, AL

BUILDING # 1
SELC PROJECT # 2009-1073

Reading	Time	Component	Substrate	Side	Condition	Color	Floor	Room	Results	PbC
1	10/20/2009 10:55						426.79	2.41		
2	10/20/2009 11:15	PRECAL							Positive	1.1
6	10/20/2009 11:18	PRECAL							Negative	0.9
7	10/20/2009 11:18	PRECAL							Negative	0.9
8	10/20/2009 11:27	WALL	DRYWALL	D	INTACT	WHITE	FOURTH		Negative	0.25
9	10/20/2009 11:29	WALL	DRYWALL	D	INTACT	WHITE	FOURTH	LOBBY	Negative	0.22
10	10/20/2009 11:30	WALL	DRYWALL	A	INTACT	WHITE	FOURTH	HALLWAY	Negative	0
11	10/20/2009 11:31	WALL	DRYWALL	C	INTACT	WHITE	FOURTH	HALLWAY	Negative	0
12	10/20/2009 11:32	WALL	DRYWALL	A	INTACT	WHITE	FOURTH	HALLWAY	Negative	0
13	10/20/2009 11:33	WALL	DRYWALL	A	INTACT	WHITE	FOURTH	OFFICES	Negative	0
14	10/20/2009 11:34	WALL	DRYWALL	B	INTACT	WHITE	FOURTH	OFFICES	Negative	0
15	10/20/2009 11:34	WALL	DRYWALL	B	INTACT	BROWN	FOURTH	OFFICES	Negative	0
16	10/20/2009 11:35	DOOR	WOOD	B	INTACT	BROWN STAINED	FOURTH	OFFICES	Negative	0
17	10/20/2009 11:36	DOOR	WOOD	A	INTACT	BROWN STAINED	FOURTH	OFFICES	Negative	0.01
18	10/20/2009 11:36	DOOR	WOOD	B	INTACT	BROWN STAINED	FOURTH	OFFICES	Negative	0.01
19	10/20/2009 11:37	DOOR FRAME	METAL	B	INTACT	BROWN	FOURTH	OFFICES	Negative	0
20	10/20/2009 11:38	DOOR FRAME	METAL	A	INTACT	BROWN	FOURTH	OFFICES	Negative	0.01
21	10/20/2009 11:38	FRAME	METAL	C	INTACT	BROWN	FOURTH	OFFICES	Negative	0
22	10/20/2009 11:39	DOOR	METAL	C	INTACT	BROWN	FOURTH	OFFICES	Negative	0
23	10/20/2009 11:43	DOOR FRAME	WOOD	C	INTACT	BROWN	FOURTH	LOBBY	Positive	4.3
24	10/20/2009 11:48	WALL	PLASTER	C	INTACT	WHITE	THIRD	LOBBY	Negative	0.7
25	10/20/2009 11:49	WALL	DRYWALL	C	INTACT	WHITE	THIRD	HALLWAY	Negative	0
26	10/20/2009 11:49	WALL	DRYWALL	A	INTACT	WHITE	THIRD	HALLWAY	Negative	0
27	10/20/2009 11:50	WALL	DRYWALL	C	INTACT	WHITE	THIRD	HALLWAY	Negative	0
28	10/20/2009 11:51	WALL	DRYWALL	A	INTACT	WHITE	THIRD	OFFICES	Negative	0
29	10/20/2009 11:52	WALL	DRYWALL	A	INTACT	BROWN	THIRD	OFFICES	Negative	0
30	10/20/2009 11:53	WALL	DRYWALL	C	INTACT	WHITE	THIRD	OFFICES	Negative	0
31	10/20/2009 11:54	DOOR	METAL	C	INTACT	BROWN STAINED	THIRD	OFFICES	Negative	0

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

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SELC PROJECT # 2009-1073

32	10/20/2009 11:54	DOOR	METAL	D	INTACT	BROWN STAINED	THIRD	OFFICES	Negative	0
33	10/20/2009 11:55	DOOR	METAL	A	INTACT	BROWN STAINED	THIRD	OFFICES	Negative	0
34	10/20/2009 11:56	DOOR	METAL	C	INTACT	GREY	THIRD	OFFICES	Negative	0.01
35	10/20/2009 11:56	DOOR	METAL	C	INTACT	GREY	THIRD	OFFICES	Negative	0.01
36	10/20/2009 11:56	DOOR FRAME	METAL	C	INTACT	GREY	THIRD	OFFICES	Negative	0
37	10/20/2009 11:57	DOOR FRAME	METAL	A	INTACT	GREY	THIRD	OFFICES	Negative	0
38	10/20/2009 11:57	FRAME	METAL	D	INTACT	GREY	THIRD	OFFICES	Negative	0
39	10/20/2009 12:03	WALL	DRYWALL	C	INTACT	RED	SECOND	LOBBY	Negative	0.5
40	10/20/2009 12:04	WALL	DRYWALL	A	INTACT	WHITE	SECOND	HALWAY	Negative	0
41	10/20/2009 12:04	WALL	DRYWALL	C	INTACT	WHITE	SECOND	HALWAY	Negative	0.02
42	10/20/2009 12:05	WALL	DRYWALL	B	INTACT	WHITE	SECOND	HALWAY	Negative	0
43	10/20/2009 12:06	WALL	DRYWALL	A	INTACT	WHITE	SECOND	OFFICES	Negative	0
44	10/20/2009 12:07	WALL	DRYWALL	C	INTACT	WHITE	SECOND	OFFICES	Negative	0
45	10/20/2009 12:08	WALL	DRYWALL	A	INTACT	WHITE	SECOND	OFFICES	Negative	0
46	10/20/2009 12:08	DOOR	WOOD	A	INTACT	BROWN STAINED	SECOND	OFFICES	Negative	0
47	10/20/2009 12:09	DOOR	WOOD	C	INTACT	BROWN STAINED	SECOND	OFFICES	Negative	0.02
48	10/20/2009 12:09	DOOR DOOR	WOOD	B	INTACT	STAINED	SECOND	OFFICES	Negative	0
49	10/20/2009 12:10	FRAME DOOR	METAL	B	INTACT	WHITE	SECOND	OFFICES	Negative	0
50	10/20/2009 12:11	FRAME DOOR	METAL	C	INTACT	WHITE	SECOND	OFFICES	Positive	3.9
51	10/20/2009 12:11	FRAME	METAL	C	INTACT	WHITE	SECOND	OFFICES	Positive	4.2
52	10/20/2009 12:12	DOOR FIRE	METAL	C	INTACT	BROWN	SECOND	OFFICES	Negative	0.01
53	10/20/2009 12:12	CABINET	METAL	C	INTACT	RED	SECOND	OFFICES	Negative	0
54	10/20/2009 12:14	DOOR	METAL	D	INTACT	BROWN	SECOND	LOBBY	Negative	0.01
55	10/20/2009 12:16	WALL	DRYWALL	A	INTACT	BROWN	FIRST	LOBBY	Negative	0
57	10/20/2009 12:18	WALL TRIM	WOOD	A	INTACT	WHITE	FIRST	LOBBY	Positive	6.7

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58	10/20/2009	12:18	WALL TRIM	WOOD	B	INTACT	WHITE	FIRST	LOBBY	Positive	5.8
59	10/20/2009	12:18	WALL TRIM	WOOD	D	INTACT	WHITE	FIRST	LOBBY	Positive	5.3
60	10/20/2009	12:20	WALL	DRYWALL	A	INTACT	WALLPAPER	FIRST	HALLWAY	Negative	0
61	10/20/2009	12:21	WALL	DRYWALL	B	INTACT	WALLPAPER	FIRST	HALLWAY	Negative	0.05
62	10/20/2009	12:21	WALL	DRYWALL	C	INTACT	WALLPAPER	FIRST	HALLWAY	Negative	0
63	10/20/2009	12:23	WALL	PLASTER	A	INTACT	GREEN	FIRST	OFFICES	Negative	0.4
64	10/20/2009	12:25	WALL	DRYWALL	B	INTACT	BEIGE	FIRST	OFFICES	Negative	0
65	10/20/2009	12:26	DOOR	WOOD	C	INTACT	BROWN STAINED	FIRST	OFFICES	Negative	0.09
66	10/20/2009	12:26	DOOR	WOOD	A	INTACT	BROWN STAINED	FIRST	OFFICES	Negative	0
67	10/20/2009	12:27	DOOR	WOOD	C	INTACT	BROWN STAINED	FIRST	OFFICES	Negative	0
68	10/20/2009	12:29	DOOR FRAME	METAL	C	INTACT	BROWN	FIRST	OFFICES	Positive	3.2
69	10/20/2009	12:29	DOOR FRAME	METAL	A	INTACT	BROWN	FIRST	OFFICES	Positive	2.2
70	10/20/2009	12:30	DOOR FRAME	METAL	B	INTACT	BROWN	FIRST	OFFICES	Negative	0
71	10/20/2009	12:42	CAL	WOOD	B	INTACT	BROWN	FIRST	OFFICES	Positive	1.1
72	10/20/2009	12:43	CAL	WOOD	B	INTACT	BROWN	FIRST	OFFICES	Positive	1.1
74	10/20/2009	12:43	CAL	WOOD	B	INTACT	BROWN	FIRST	OFFICES	Positive	1.1
75	10/20/2009	13:56									6.93
76	10/20/2009	14:06	CAL					BASEMENT		Positive	1.1
77	10/20/2009	14:07	CAL					BASEMENT		Negative	0.9
78	10/20/2009	14:07	CAL					BASEMENT		Positive	1.2
79	10/20/2009	14:14	WALL	DRYWALL	D	INTACT	WALLPAPER	BASEMENT	LOBBY	Negative	0
80	10/20/2009	14:15	WALL	DRYWALL	A	INTACT	WALLPAPER	BASEMENT	HALLWAY	Negative	0
81	10/20/2009	14:15	WALL	DRYWALL	C	INTACT	WALLPAPER	BASEMENT	HALLWAY	Negative	0
82	10/20/2009	14:16	WALL	DRYWALL	B	INTACT	WALLPAPER	BASEMENT	HALLWAY	Negative	0

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

INSPECTED BY: **XRF TESTING DATA SHEETS** **BUILDING # 1**

MICHELLE CORREIA **V. A. MEDICAL CENTER** **SELC PROJECT # 2009-1073**

TUSCALOOSA, AL

83	10/20/2009 14:19	WALL	DRYWALL	D	INTACT	WHITE	BASEMENT	OFFICES	Negative	0
84	10/20/2009 14:19	WALL	DRYWALL	D	INTACT	WHITE	BASEMENT	OFFICES	Negative	0
85	10/20/2009 14:21	WALL	DRYWALL	A	INTACT	WHITE	BASEMENT	OFFICES	Negative	0
86	10/20/2009 14:22	DOOR	WOOD	C	INTACT	BROWN STAINED	BASEMENT	OFFICES	Negative	0
87	10/20/2009 14:22	DOOR	WOOD	A	INTACT	BROWN STAINED	BASEMENT	OFFICES	Negative	0
88	10/20/2009 14:23	DOOR	WOOD	C	INTACT	STAINED	BASEMENT	OFFICES	Negative	0
89	10/20/2009 14:23	DOOR FRAME	METAL	C	INTACT	BROWN	BASEMENT	OFFICES	Negative	0
90	10/20/2009 14:24	DOOR FRAME	METAL	A	INTACT	BROWN	BASEMENT	OFFICES	Positive	3.1
91	10/20/2009 14:24	FRAME	METAL	C	INTACT	BROWN	BASEMENT	OFFICES	Negative	0
92	10/20/2009 14:25	DOOR	METAL	C	INTACT	BROWN	BASEMENT	OFFICES	Negative	0.01
93	10/20/2009 14:25	DOOR	METAL	D	INTACT	BROWN	BASEMENT	OFFICES	Negative	0.01
96	10/20/2009 14:29	DOOR	METAL	D	INTACT	WHITE		STAIRWELL	Negative	0
97	10/20/2009 14:29	DOOR FRAME	METAL	D	INTACT	WHITE		STAIRWELL	Negative	0.01
98	10/20/2009 14:30	WALL	PLASTER	A	INTACT	WHITE		STAIRWELL	Negative	0.25
99	10/20/2009 14:30	WALL	PLASTER	C	INTACT	WHITE		STAIRWELL	Negative	0.04
100	10/20/2009 14:31	STAIRS HANDRAIL	METAL	C	INTACT	WHITE		STAIRWELL	Negative	0
101	10/20/2009 14:32	POSTS FIRE SPRINKLER	METAL	C	INTACT	WHITE		STAIRWELL	Negative	0.02
102	10/20/2009 14:33	SYS FIRE SPRINKLER	METAL	C	INTACT	RED		STAIRWELL	Negative	0.09
103	10/20/2009 14:33	SYS	METAL	C	INTACT	RED		STAIRWELL	Negative	0
104	10/20/2009 14:34	RADIATOR	METAL	C	PEELING	WHITE		STAIRWELL	Negative	0
105	10/20/2009 14:35	WALL	PLASTER	D	INTACT	WHITE		STAIRWELL	Negative	0.01
106	10/20/2009 14:35	STAIRS HANDRAIL	METAL	B	INTACT	WHITE		STAIRWELL	Negative	0.01
107	10/20/2009 14:37	POSTS	METAL	A	INTACT	WHITE		STAIRWELL	Negative	0
145	10/20/2009 15:30	POSTCAL							Positive	1

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BUILDING # 1
SELC PROJECT # 2009-1073

146	10/20/2009 15:31	POSTCAL							Positive	1.1
147	10/20/2009 15:31	POSTCAL							Positive	1.1
1	10/26/2009 11:55								408.83	4.27
2	10/26/2009 12:11	PRECAL							Negative	0.9
3	10/26/2009 12:12	PRECAL							Negative	0.9
4	10/26/2009 12:12	PRECAL							Positive	1
5	10/26/2009 12:24	WALL LOW WOODEN	WOOD	A			ATTIC	UPPER ATTIC	Negative	0.4
6	10/26/2009 12:24	WALL LOW WOODEN	WOOD	B			ATTIC	UPPER ATTIC	Positive	1.8
7	10/26/2009 12:25	WALL LOW	WOOD	C			ATTIC	UPPER ATTIC	Positive	1.5
8	10/26/2009 12:27	WALL	CERAMIC B	A	FAIR	WHITE	ATTIC	UPPER ATTIC	Negative	0.02
9	10/26/2009 12:28	WALL	CERAMIC B	C	FAIR	WHITE	ATTIC	UPPER ATTIC	Negative	0.01
10	10/26/2009 12:28	WALL	CERAMIC B	D	FAIR	WHITE	ATTIC	UPPER ATTIC	Negative	0.03
11	10/26/2009 12:29	COLUMNS	CONCRETE	A	FAIR	WHITE	ATTIC	UPPER ATTIC	Negative	0.04
12	10/26/2009 12:29	COLUMNS	CONCRETE	C	FAIR	WHITE	ATTIC	UPPER ATTIC	Negative	0.04
13	10/26/2009 12:29	COLUMNS	CONCRETE	D	FAIR	WHITE	ATTIC	UPPER ATTIC	Negative	0.5
14	10/26/2009 12:30	STAIRS TO ROOF	WOOD	A	POOR	WHITE	ATTIC	UPPER ATTIC	Negative	0.03
15	10/26/2009 12:31	HAND RAILS FIRE SRINKLER	METAL	A	POOR	WHITE	ATTIC	UPPER ATTIC	Negative	0.4
16	10/26/2009 12:32	PIPE	METAL	A	POOR	RED	ATTIC	UPPER ATTIC	Negative	0.01
17	10/26/2009 12:35	WALL	PLASTER	A	POOR	WHITE	ATTIC	MECH AREA	Negative	0.03
18	10/26/2009 12:35	WALL	PLASTER	C	POOR	WHITE	ATTIC	MECH AREA	Negative	0.4
19	10/26/2009 12:36	WALL	PLASTER	D	POOR	WHITE	ATTIC	MECH AREA	Negative	0.03
20	10/26/2009 12:37	FLOOR STAIRS TO UPPER	CONCRETE	D	POOR	GREY	ATTIC	MECH AREA	Negative	0.5
21	10/26/2009 12:38	ATTIC	WOOD	D	POOR	GREY	ATTIC	MECH AREA	Negative	0.09
22	10/26/2009 12:39	DUCTS	METAL	D	POOR	GREY	ATTIC	MECH AREA	Positive	40.6
23	10/26/2009 12:39	DUCTS	METAL	A	POOR	GREY	ATTIC	MECH AREA	Positive	33.1
24	10/26/2009 12:39	DUCTS	METAL	A	POOR	GREY	ATTIC	MECH AREA	Positive	7.9
25	10/26/2009 12:40	MACHINE PLATFORMS	CONCRETE	A	POOR	BLUE	ATTIC	MECH AREA	Negative	0.01

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26	10/26/2009 12:40	MACHINE PLATFORMS	CONCRETE	A	POOR	BLUE	ATTIC	MECH AREA	Negative	0.01
27	10/26/2009 12:41	MACHINE PLATFORMS	CONCRETE	A	POOR	GREY	ATTIC	MECH AREA	Positive	2
28	10/26/2009 12:42	DOOR	METAL	B	PEELING	GREY	ATTIC	MECH AREA	Positive	3.4
29	10/26/2009 12:42	DOOR FRAME	METAL	B	PEELING	GREY	ATTIC	MECH AREA	Positive	2.4
30	10/26/2009 12:43	SMALL ACCESS DOORS	METAL	C	PEELING	GREY	ATTIC	MECH AREA	Negative	0
31	10/26/2009 12:45	DORMERS	WOOD	C	POOR	WHITE	ATTIC		Positive	21.2
32	10/26/2009 12:46	DORMERS	WOOD	A	POOR	WHITE	ATTIC		Positive	12.6
33	10/26/2009 12:46	DORMERS	WOOD	A	POOR	WHITE	ATTIC		Positive	4.2
35	10/26/2009 12:53	CEILING ABOVE DROP	PLASTER	A	POOR	TAN	FOURTH		Negative	0.5
36	10/26/2009 12:56	CEILING ABOVE DROP	PLASTER	A	POOR	TAN	THIRD		Positive	1.9
38	10/26/2009 13:00	CEILING ABOVE DROP	PLASTER	A	POOR	WHITE	SECOND		Negative	0.23
39	10/26/2009 13:03	CEILING ABOVE DROP	PLASTER	A	POOR	WHITE	FIRST		Negative	0
41	10/26/2009 13:07	DROP	PLASTER	A	POOR	WHITE	BASEMENT		Negative	0.13
42	10/26/2009 13:12	WALL	CONCRETE	A	FAIR	WHITE	PIPE BASMENT		Negative	0.15
43	10/26/2009 13:12	WALL	CONCRETE	B	FAIR	WHITE	PIPE BASMENT		Negative	0.23
44	10/26/2009 13:13	CEILING	CONCRETE	B	FAIR	WHITE	PIPE BASMENT		Negative	0.3
45	10/26/2009 13:14	FIRE SPRINKLER	METAL	B	FAIR	RED	PIPE BASMENT		Negative	0.24
46	10/26/2009 13:14	STAIRS	METAL	B	FAIR	GREY	PIPE BASMENT		Negative	0.4
47	10/26/2009 13:15	HANDRAILS	METAL	B	FAIR	BLACK	PIPE BASMENT		Positive	8.8
48	10/26/2009 13:15	FLOOR	CONCRETE	B	FAIR	GREY	PIPE BASMENT		Negative	0.03
49	10/26/2009 13:16	DOOR	METAL	C	FAIR	GREY	PIPE BASMENT		Positive	5.2

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

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BUILDING # 1
SELC PROJECT # 2009-1073

			DOOR									
50	10/26/2009	13:16	FRAME	METAL	C	FAIR	GREY	PIPE BASMENT		Negative	0.25
129	10/26/2009	16:22	POSTCAL	METAL	A	INTACT	BROWN		STAIRWELL	Negative	0.9
130	10/26/2009	16:22	POSTCAL	METAL	A	INTACT	BROWN		STAIRWELL	Negative	0.9
131	10/26/2009	16:22	POSTCAL	METAL	A	INTACT	BROWN		STAIRWELL	Negative	0.9
3	12/21/2009	13:32	PRECAL A	1.04	RAN(	0.8-1.2				Negative	0.9
4	12/21/2009	13:33	PRECAL B	1.04	RAN(	0.8-1.2				Positive	1
5	12/21/2009	13:34	PRECAL C	1.04	RAN(	0.8-1.2				Negative	0.9
			WINDOW								
6	12/21/2009	13:41	LINTLE	METAL	B	POOR	WHITE	EXTERIOR	BLDG 1	Positive	43.5
			WINDOW								
7	12/21/2009	13:44	LINTLE	METAL	A	POOR	WHITE	EXTERIOR	BLDG 1	Positive	19.6
			LIGHT								
8	12/21/2009	13:45	FIXTURE	METAL	A	INTACT	BLACK	EXTERIOR	BLDG 1	Negative	0.15
9	12/21/2009	13:46	HANDRAIL	METAL	A	INTACT	BLACK	EXTERIOR	BLDG 1	Negative	0
			BURGLER								
18	12/21/2009	14:06	BARS	METAL	B	INTACT	WHITE	EXTERIOR	BLDG 1	Negative	0.08
19	12/21/2009	14:07	HANRAIL	METAL	C	POOR	BLACK	EXTERIOR	BLDG 1	Positive	3.4
20	12/21/2009	14:08	THRESHOLD	CONCRETE	C	POOR	BLACK	EXTERIOR	BLDG 1	Negative	0.05
			LIGHT								
21	12/21/2009	14:09	FIXTURE	CONCRETE	C	POOR	BLACK	EXTERIOR	BLDG 1	Negative	0.03
25	12/21/2009	15:00	POSTCAL A	1.04		0.8-1.2				Negative	0.8
27	12/21/2009	15:01	POSTCAL B	1.04		0.8-1.2				Negative	0.9
28	12/21/2009	15:01	POSTCAL C	1.04		0.8-1.2				Negative	0.9

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

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BUILDING # 12
SELC PROJECT # 2009-1073

Readi	Time	Component	Substrate	Side	Condition	Color	Floor	Room	Results	PbC	PbC Error
1	10/27/2009 12:01									4.29	0
2	10/27/2009 12:05	PRECAL							Positive	1.1	0.1
3	10/27/2009 12:06	PRECAL							Positive	1.1	0.1
4	10/27/2009 12:07	PRECAL							Positive	1	0.1
5	10/27/2009 12:23	DOOR	METAL	A	FAIR	BROWN STAINED	FIRST	WAREHOUSE	Negative	0	0.03
6	10/27/2009 12:24	DOOR FRAME	METAL	A	FAIR	WHITE	FIRST	WAREHOUSE	Negative	0	0.04
7	10/27/2009 12:25	SERVIC WINDOW	METAL	B	POOR	GREY	FIRST	WAREHOUSE	Positive	1.9	0.9
8	10/27/2009 12:27	DOOR	METAL	B	POOR	GREY	FIRST	WAREHOUSE	Positive	1.9	0.8
9	10/27/2009 12:28	WALL	DRYWALL	A	INTACT	WHITE	FIRST	BREAKROOM	Negative	0.02	0.07
10	10/27/2009 12:28	WALL	BRICK	B	INTACT	WHITE	FIRST	BREAKROOM	Negative	0	0.02
11	10/27/2009 12:29	FIRE SPRINKLER	BRICK	C	INTACT	RED	FIRST	BREAKROOM	Negative	0.08	0.15
12	10/27/2009 12:30	WINDOW FRAME	METAL	C	FAIR	WHITE	FIRST	BREAKROOM	Positive	7.8	6.5
13	10/27/2009 12:33	STRUC STEEL I BEAM	METAL	C	FAIR	WHITE	FIRST	REAR WAREHOUSE	Negative	0	0.02
14	10/27/2009 12:33	STRUC STEEL I BEAM	METAL	A	FAIR	WHITE	FIRST	REAR WAREHOUSE	Negative	0.01	0.04
15	10/27/2009 12:33	STRUC STEEL I BEAM	METAL	A	FAIR	WHITE	FIRST	REAR WAREHOUSE	Negative	0	0.02
16	10/27/2009 12:35	MARKING PAINT	CONCRETE	C	FAIR	YELLOW	FIRST	WAREHOUSE	Positive	3.2	1.8
17	10/27/2009 12:35	MARKING PAINT	CONCRETE	C	FAIR	YELLOW	FIRST	WAREHOUSE	Positive	3.9	2.2
18	10/27/2009 12:36	WINDOW	METAL	A	CRACKED	GREY	FIRST	WAREHOUSE	Positive	17.1	11.2
20	10/27/2009 12:37	MARKING PAINT	CONCRETE	A	CRACKED	RED	FIRST	WAREHOUSE	Negative	0.06	0.05
21	10/27/2009 12:38	WALL	BLOCK	C	FAIR	WHITE	FIRST	WAREHOUSE	Negative	0	0.02
22	10/27/2009 12:39	WALL	CONCRETE	C	FAIR	WHITE	FIRST	WAREHOUSE	Negative	0.5	0.5
23	10/27/2009 12:40	WALL	DRYWALL	B	FAIR	WHITE	FIRST	OFFICE	Positive	5.6	3.8
24	10/27/2009 12:40	WALL	DRYWALL	D	FAIR	WHITE	FIRST	OFFICE	Negative	0.01	0.02
25	10/27/2009 12:41	WINDOW	METAL	D	FAIR	WHITE	FIRST	OFFICE	Positive	8.2	4.9
26	10/27/2009 12:42	SAFE DOOR	METAL	B	FAIR	WHITE	FIRST	OFFICE	Positive	1.4	0.3
27	10/27/2009 12:43	DOOR	WOOD	A	FAIR	WHITE	FIRST	OFFICE	Negative	0	0.02
28	10/27/2009 12:43	DOOR FRAME	WOOD	A	FAIR	WHITE	FIRST	OFFICE	Positive	7.4	3.8
29	10/27/2009 12:44	WINDOW	METAL	A	FAIR	WHITE	FIRST	OFFICE	Positive	8.9	4.9
30	10/27/2009 12:45	RADIATOR	METAL	A	FAIR	WHITE	FIRST	OFFICE	Negative	0.04	0.13
31	10/27/2009 12:45	WALL	PLASTER	A	FAIR	WHITE	FIRST	BATHROOM	Positive	8.8	4.5
32	10/27/2009 12:46	WINDOW	METAL	C	FAIR	WHITE	FIRST	BATHROOM	Positive	15.5	10.7
33	10/27/2009 12:46	STALL	METAL	C	FAIR	WHITE	FIRST	BATHROOM	Positive	3.9	2.6

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

INSPECTED BY:
MICHELLE CORREIA

XRF TESTING DATA SHEETS
V.A. MEDICAL CENTER
TUSCALOOSA, AL

BUILDING # 12
SELC PROJECT # 2009-1073

34	10/27/2009 12:47	RADIATOR	METAL	C	FAIR	GREY	FIRST	BATHROOM	Negative	0.07	0.14
35	10/27/2009 12:47	DOOR	WOOD	C	FAIR	WHITE	FIRST	BATHROOM	Positive	5.4	3.5
36	10/27/2009 12:48	DOOR FRAME	METAL	C	FAIR	WHITE	FIRST	BATHROOM	Positive	2.4	1.2
37	10/27/2009 12:48	FLOOR	CONCRETE	C	FAIR	GREY	FIRST	BATHROOM	Positive	7.1	5.5
38	10/27/2009 12:51	ROOF DECKING	WOOD	C	FAIR	GREY	FIRST		Positive	9	7.4
39	10/27/2009 12:52	ROOF BEAMS	WOOD	C	FAIR	GREY	FIRST		Positive	5.6	3.7
40	10/27/2009 12:53	ROOF STRUC STEEL	METAL	C	FAIR	GREY	FIRST		Positive	8	5.9
41	10/27/2009 12:53	ROOF STRUC STEEL	METAL	C	FAIR	GREY	FIRST		Positive	6.5	4.3
42	10/27/2009 12:54	FIRE SPRINKLER	METAL	C	FAIR	GREY	FIRST		Negative	0.1	0.16
85	10/27/2009 14:41	WINDOW	METAL	D	FAIR	WHITE	FIRST	OUTSIDE	Negative	0.5	0.3
86	10/27/2009 14:41	WINDOW	METAL	D	FAIR	WHITE	FIRST	OUTSIDE	Negative	0.5	0.4
87	10/27/2009 14:42	WINDOW	METAL	C	FAIR	WHITE	FIRST	OUTSIDE	Negative	0.4	0.3
88	10/27/2009 14:43	DOOR	WOOD	A	FAIR	WHITE	FIRST	OUTSIDE	Negative	0.02	0.12
89	10/27/2009 14:43	DOOR FRAME	WOOD	A	FAIR	WHITE	FIRST	OUTSIDE	Negative	0.26	0.3
90	10/27/2009 14:44	HANDRAIL	WOOD	A	PEELING	BLACK	FIRST	OUTSIDE	Negative	0.09	0.13
91	10/27/2009 14:44	LOADING DOCK YRI	WOOD	A	PEELING	BLACK	FIRST	OUTSIDE	Negative	0	0.02
93	10/27/2009 14:46	AWNING SUPPORT	METAL	A	PEELING	SILVER	FIRST	OUTSIDE	Negative	0.09	0.15
94	10/27/2009 14:47	FASIA	WOOD	A	PEELING	WHITE	FIRST	OUTSIDE	Negative	0.01	0.03
95	10/27/2009 14:48	SOFFIT	WOOD	A	PEELING	WHITE	FIRST	OUTSIDE	Negative	0	0.02
96	10/27/2009 14:48	EAVE	WOOD	A	PEELING	WHITE	FIRST	OUTSIDE	Positive	9.1	6.9
112	10/27/2009 15:47	POSTCAL	METAL	A	INTACT	WHITE	FIRST		Positive	1.1	0.1
113	10/27/2009 15:48	POSTCAL	METAL	A	INTACT	WHITE	FIRST		Positive	1.1	0.1
114	10/27/2009 15:48	POSTCAL	METAL	A	INTACT	WHITE	FIRST		Positive	1	0.1

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

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XRF TESTING DATA SHEETS
V.A. MEDICAL CENTER
TUSCALOOSA, AL

BUILDING # 13
SELC PROJECT # 2009-1073

Reading	Time	Component	Substrate	Side	Condition	Color	Floor	Room	Results	PbC	PbC Error
1	10/28/2009 10:41									4.62	0
2	10/28/2009 10:42	PRECAL							Positive	1	0.1
3	10/28/2009 10:43	PRECAL							Negative	0.9	0.1
4	10/28/2009 10:43	PRECAL							Positive	1.1	0.1
101	10/28/2009 13:40	WALL	BLOCK	B	INTACT	WHITE	FIRST		Negative	0.02	0.03
102	10/28/2009 13:41	WINDOW	METAL	B	INTACT	WHITE	FIRST		Positive	5.8	3.6
103	10/28/2009 13:41	DOOR	WOOD	B	INTACT	WHITE	FIRST	EXTERIOR	Negative	0.01	0.07
104	10/28/2009 13:42	DOOR FRAME	WOOD	B	POOR	WHITE	FIRST	EXTERIOR	Positive	2.3	0.9
105	10/28/2009 13:42	DOOR FRAME	METAL	B	POOR	WHITE	FIRST	EXTERIOR	Negative	0.14	0.54
106	10/28/2009 13:43	DOOR	METAL	B	POOR	WHITE	FIRST	EXTERIOR	Negative	0.26	0.45
107	10/28/2009 13:43	LOUVRE VENT	METAL	B	POOR	WHITE	FIRST	EXTERIOR	Negative	0.11	0.22
108	10/28/2009 13:44	FASCIA	WOOD	B	POOR	WHITE	FIRST	EXTERIOR	Negative	0.2	0.26
178	10/28/2009 15:52	POSTCAL	WOOD	A	POOR	WHITE	FIRST	EXTERIOR	Positive	1	0.1
179	10/28/2009 15:52	POSTCAL	WOOD	A	POOR	WHITE	FIRST	EXTERIOR	Negative	0.9	0.1
180	10/28/2009 15:52	POSTCAL	WOOD	A	POOR	WHITE	FIRST	EXTERIOR	Negative	0.9	0.1

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

INSPECTED BY:
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XRF TESTING DATA SHEETS
V.A. MEDICAL CENTER
TUSCALOOSA, AL

BUILDING # 14
SELC PROJECT # 2009-1073

Readi	Time	Component	Substrate	Side	Condition	Color	Floor	Room	Results	PbC	PbC Error
1	10/28/2009 10:41									4.62	0
2	10/28/2009 10:42	PRECAL							Positive	1	0.1
3	10/28/2009 10:43	PRECAL							Negative	0.9	0.1
4	10/28/2009 10:43	PRECAL							Positive	1.1	0.1
94	10/28/2009 13:30	DOOR	METAL	A	POOR	WHITE	FIRST		Positive	29	25.1
95	10/28/2009 13:30	DOOR	WOOD	A	POOR	WHITE	FIRST		Positive	27.3	25
96	10/28/2009 13:30	DOOR FRAME	WOOD	A	POOR	WHITE	FIRST		Positive	22.1	20
97	10/28/2009 13:31	WINDOW	WOOD	D	POOR	WHITE	FIRST		Positive	7.6	6.6
98	10/28/2009 13:31	FASCIA	WOOD	D	POOR	WHITE	FIRST		Positive	2.1	1.1
99	10/28/2009 13:32	GAS VENT PIPE	METAL	B	POOR	SILVER	FIRST		Negative	0.15	0.56
178	10/28/2009 15:52	POSTCAL	WOOD	A	POOR	WHITE	FIRST	EXTERIOR	Positive	1	0.1
179	10/28/2009 15:52	POSTCAL	WOOD	A	POOR	WHITE	FIRST	EXTERIOR	Negative	0.9	0.1
180	10/28/2009 15:52	POSTCAL	WOOD	A	POOR	WHITE	FIRST	EXTERIOR	Negative	0.9	0.1

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

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XRF TESTING DATA SHEETS
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TUSCALOOSA, AL

BUILDING # 17
SELC PROJECT # 2009-1073

Readi	Time	Component	Substrate	Side	Condition	Color	Floor	Room	Results	PbC	PbC Error
1	10/27/2009 12:01									4.29	0
2	10/27/2009 12:05	PRECAL							Positive	1.1	0.1
3	10/27/2009 12:06	PRECAL							Positive	1.1	0.1
4	10/27/2009 12:07	PRECAL							Positive	1	0.1
43	10/27/2009 13:52	STRUC STEEL	METAL	C	FAIR	RED	ATTIC		Positive	7.3	4.8
44	10/27/2009 13:53	STRUC STEEL	METAL	C	FAIR	RED	ATTIC		Positive	10.1	8.6
45	10/27/2009 13:53	STRUC STEEL	METAL	C	FAIR	RED	ATTIC		Positive	7.7	5.1
46	10/27/2009 13:59	WALL	BRICK	A	FAIR	WHITE	FIRST	WAREHOUSE	Negative	0.02	0.04
47	10/27/2009 14:00	WALL	BLOCK	A	FAIR	WHITE	FIRST	WAREHOUSE	Negative	0	0.02
48	10/27/2009 14:01	WALL	BLOCK	C	FAIR	WHITE	FIRST	WAREHOUSE	Negative	0	0.02
49	10/27/2009 14:02	CEILING	PLASTER	C	FAIR	WHITE	FIRST	WAREHOUSE	Negative	0.02	0.05
50	10/27/2009 14:02	DOOR	WOOD	A	FAIR	GREY	FIRST	WAREHOUSE	Positive	4.3	2.9
51	10/27/2009 14:03	DOOR FRAME	WOOD	A	FAIR	GREY	FIRST	WAREHOUSE	Positive	5.1	2.9
52	10/27/2009 14:03	WINDOW	METAL	A	FAIR	GREY	FIRST	WAREHOUSE	Negative	0.19	0.26
53	10/27/2009 14:04	STORAGE-CABINETS	WOOD	A	FAIR	GREY	FIRST	WAREHOUSE	Negative	0.04	0.13
54	10/27/2009 14:05	STORAGE-CABINETS	WOOD	A	FAIR	GREY	FIRST	WAREHOUSE	Negative	0.03	0.11
55	10/27/2009 14:05	STORAGE-CABINETS	WOOD	A	FAIR	WHITE	FIRST	WAREHOUSE	Negative	0	0.03
56	10/27/2009 14:07	FIRE SPRINKLER	METAL	A	FAIR	RED	FIRST	WAREHOUSE	Negative	0.02	0.06
57	10/27/2009 14:07	MARKING PAINT	METAL	A	FAIR	RED	FIRST	WAREHOUSE	Positive	4.2	2.5
58	10/27/2009 14:09	WALL	BRICK	A	FAIR	GREEN	FIRST	OFFICE	Negative	0.02	0.03
59	10/27/2009 14:09	DOOR	WOOD	A	FAIR	GREEN	FIRST	OFFICE	Negative	0.3	0.41
60	10/27/2009 14:09	DOOR FRAME	WOOD	A	FAIR	GREEN	FIRST	OFFICE	Negative	0.27	0.52
61	10/27/2009 14:10	STORAGE	WOOD	A	FAIR	GREY	FIRST	OFFICE	Negative	0	0.02
62	10/27/2009 14:11	STORAGE	WOOD	A	FAIR	GREY	FIRST	OFFICE	Negative	0	0.03
63	10/27/2009 14:13	WALL	BLOCK	B	FAIR	GREY	FIRST	PAINT ROOM	Negative	0.4	0.6
64	10/27/2009 14:13	FLOOR	CONCRETE	B	FAIR	GREY	FIRST	PAINT ROOM	Negative	0.13	0.1
65	10/27/2009 14:14	DOOR	WOOD	A	FAIR	WHITE	FIRST	PAINT ROOM	Positive	7.6	5.2
66	10/27/2009 14:14	DOOR FRAME	METAL	A	FAIR	WHITE	FIRST	PAINT ROOM	Positive	7.1	3.6
67	10/27/2009 14:15	FLOOR	CONCRETE	A	FAIR	GREY	FIRST	PAINT ROOM	Negative	0.3	0.16
68	10/27/2009 14:16	WALL	DRYWALL	B	FAIR	WHITE	FIRST	OFFICE	Negative	0.01	0.07
69	10/27/2009 14:18	WINDOW	METAL	C	FAIR	WHITE	FIRST	OFFICE	Negative	0.26	0.4
70	10/27/2009 14:19	DOOR	WOOD	C	FAIR	TAN	FIRST	OFFICE	Positive	5.3	3.2
71	10/27/2009 14:20	DOOR FRAME	METAL	C	FAIR	TAN	FIRST	OFFICE	Positive	1.8	0.8
72	10/27/2009 14:21	FLOOR	METAL	C	FAIR	GREY	FIRST	OFFICE	Negative	0.5	0.4
73	10/27/2009 14:22	STRUD STEEL	METAL	A	INTACT	RED	FIRST	BIOMED ADDON	Negative	0	0.02
74	10/27/2009 14:23	STRUD STEEL	METAL	A	INTACT	RED	FIRST	BIOMED ADDON	Negative	0	0.02

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TUSCALOOSA, AL

BUILDING # 17
SELC PROJECT # 2009-1073

75	10/27/2009 14:23	STRUD STEEL	METAL	A	INTACT	RED	FIRST	BIOMED ADDON	Negative	0	0.02
76	10/27/2009 14:32	WINDOW	METAL	D	INTACT	WHITE	FIRST	OUTSIDE	Negative	0.8	0.2
77	10/27/2009 14:32	WINDOW	METAL	A	INTACT	WHITE	FIRST	OUTSIDE	Positive	31.3	26.1
78	10/27/2009 14:33	WINDOW	METAL	A	INTACT	WHITE	FIRST	OUTSIDE	Positive	44.8	32.8
79	10/27/2009 14:33	DOOR	WOOD	A	INTACT	WHITE	FIRST	OUTSIDE	Positive	35.6	27.9
80	10/27/2009 14:33	DOOR	WOOD	A	FAIR	WHITE	FIRST	OUTSIDE	Positive	39.6	29.1
81	10/27/2009 14:34	DOOR FRAME	WOOD	A	FAIR	WHITE	FIRST	OUTSIDE	Positive	35.9	27.5
82	10/27/2009 14:37	SOFFIT	WOOD	A	FAIR	WHITE	FIRST	OUTSIDE	Positive	29.1	23.9
83	10/27/2009 14:38	FASCIA	WOOD	A	FAIR	WHITE	FIRST	OUTSIDE	Positive	36.7	28.7
84	10/27/2009 14:38	EAVE	WOOD	A	FAIR	WHITE	FIRST	OUTSIDE	Positive	37.7	28.5
112	10/27/2009 15:47	POSTCAL	METAL	A	INTACT	WHITE	FIRST		Positive	1.1	0.1
113	10/27/2009 15:48	POSTCAL	METAL	A	INTACT	WHITE	FIRST		Positive	1.1	0.1
114	10/27/2009 15:48	POSTCAL	METAL	A	INTACT	WHITE	FIRST		Positive	1	0.1

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TUSCALOOSA, AL

BUILDING # 18
SELC PROJECT # 2009-1073

Readi	Time	Component	Substrate	Side	Condition	Color	Floor	Room	Results	PbC	PbC Error
1	10/27/2009 12:01									4.29	0
2	10/27/2009 12:05	PRECAL							Positive	1.1	0.1
3	10/27/2009 12:06	PRECAL							Positive	1.1	0.1
4	10/27/2009 12:07	PRECAL							Positive	1	0.1
97	10/27/2009 14:52	WALL	BRICK	B	INTACT	WHITE	FIRST	OUTSIDE	Negative	0.5	0.4
98	10/27/2009 14:53	WALL	PLASTER	C	INTACT	GREEN	FIRST	OUTSIDE	Negative	0.4	0.1
99	10/27/2009 14:54	WALL	BRICK	A	INTACT	GREEN	FIRST	OUTSIDE	Negative	0.5	0.4
100	10/27/2009 14:54	WINDOW	METAL	A	INTACT	WHITE	FIRST	OUTSIDE	Negative	0.4	0.4
101	10/27/2009 14:55	WINDOW	METAL	B	INTACT	WHITE	FIRST	OUTSIDE	Negative	0.19	0.26
102	10/27/2009 14:57	DOOR	WOOD	D	INTACT	GREY	FIRST	OUTSIDE	Negative	0.7	0.2
103	10/27/2009 14:58	DOOR FRAME WINDOW WALL	METAL	D	INTACT	GREY	FIRST	OUTSIDE	Negative	0.1	0.18
104	10/27/2009 14:59	FRAMES	METAL	D	INTACT	GREY	FIRST	OFFICE	Negative	0.18	0.33
105	10/27/2009 15:00	DOOR	WOOD	D	INTACT	GREY	FIRST	OFFICE	Positive	1.8	0.7
106	10/27/2009 15:00	DOOR	METAL	A	INTACT	WHITE	FIRST	OFFICE	Negative	0	0.02
107	10/27/2009 15:01	DOOR FRAME	METAL	A	INTACT	WHITE	FIRST	OFFICE	Negative	0	0.02
108	10/27/2009 15:04	STRUC STEEL	METAL	A	INTACT	WHITE	FIRST		Positive	8.1	4.1
109	10/27/2009 15:04	STRUC STEEL	METAL	A	INTACT	WHITE	FIRST		Positive	7.8	6.6
110	10/27/2009 15:04	ROOF DECKING	METAL	A	INTACT	WHITE	FIRST		Negative	0.09	0.38
111	10/27/2009 15:05	ROOF DECKING	METAL	A	INTACT	WHITE	FIRST		Positive	5	3.1
112	10/27/2009 15:47	POSTCAL	METAL	A	INTACT	WHITE	FIRST		Positive	1.1	0.1
113	10/27/2009 15:48	POSTCAL	METAL	A	INTACT	WHITE	FIRST		Positive	1.1	0.1
114	10/27/2009 15:48	POSTCAL	METAL	A	INTACT	WHITE	FIRST		Positive	1	0.1
2	10/28/2009 10:42	PRECAL							Positive	1	0.1
3	10/28/2009 10:43	PRECAL							Negative	0.9	0.1
4	10/28/2009 10:43	PRECAL							Positive	1.1	0.1
77	10/28/2009 12:28	DOOR	WOOD	A	FAIR	WHITE	EXTERIOR		Negative	0.03	0.14
78	10/28/2009 12:28	DOOR	WOOD	A	FAIR	WHITE	EXTERIOR		Positive	20.8	12.1
79	10/28/2009 12:28	DOOR FRAME	WOOD	A	FAIR	WHITE	EXTERIOR		Positive	20.9	12.1
80	10/28/2009 12:28	DOOR FRAME	WOOD	A	FAIR	WHITE	EXTERIOR		Negative	0	0.03
81	10/28/2009 12:29	WINDOW	METAL	A	POOR	WHITE	EXTERIOR		Positive	16.3	11.4
82	10/28/2009 12:29	WINDOW	METAL	A	POOR	WHITE	EXTERIOR		Negative	0.07	0.27
83	10/28/2009 12:30	WINDOW	METAL	A	POOR	WHITE	EXTERIOR		Positive	15.2	11
84	10/28/2009 12:30	HANDRAILS	METAL	A	POOR	WHITE	EXTERIOR		Negative	0.28	0.58
85	10/28/2009 12:31	DOCK TRIM PIECES	METAL	A	POOR	BLACK	EXTERIOR		Negative	0	0.03
86	10/28/2009 12:31	AWNING POLES	METAL	A	POOR	SILVER	EXTERIOR		Negative	0	0.02

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

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TUSCALOOSA, AL

BUILDING # 18
SELC PROJECT # 2009-1073

87	10/28/2009 12:32	FASCIA	WOOD	A	POOR	SILVER	EXTERIOR		Positive	25.7	22.1
88	10/28/2009 12:33	SOFFIT	WOOD	A	POOR	SILVER	EXTERIOR		Positive	19.2	11.7
89	10/28/2009 12:33	EAVES	WOOD	A	POOR	SILVER	EXTERIOR		Positive	19.8	12.1
90	10/28/2009 12:38	WALL	CONCRETE	A	POOR	GREEN	BASEMENT	MECH AREA	Negative	0.03	0.03
91	10/28/2009 12:39	WALL	CONCRETE	B	POOR	GREEN	BASEMENT	MECH AREA	Negative	0.01	0.02
92	10/28/2009 12:39	DOOR	METAL	D	POOR	WHITE	BASEMENT	MECH AREA	Negative	0	0.02
93	10/28/2009 12:40	DOOR FRAME	METAL	D	POOR	WHITE	BASEMENT	MECH AREA	Negative	0	0.02
178	10/28/2009 15:52	POSTCAL	WOOD	A	POOR	WHITE	FIRST	EXTERIOR	Positive	1	0.1
179	10/28/2009 15:52	POSTCAL	WOOD	A	POOR	WHITE	FIRST	EXTERIOR	Negative	0.9	0.1
180	10/28/2009 15:52	POSTCAL	WOOD	A	POOR	WHITE	FIRST	EXTERIOR	Negative	0.9	0.1

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

INSPECTED BY:
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XRF TESTING DATA SHEETS
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TUSCALOOSA, AL

BUILDING # 2
SELC PROJECT # 2009-1073

Readin	Time	Component	Substrate	Side	Condition	Color	Floor	Room	Misc 1	Results	PbC	PbC Error
75	10/20/2009 13:56										6.93	0
76	10/20/2009 14:06	CAL					BASEMENT	BLDG 2		Positive	1.1	0.1
77	10/20/2009 14:07	CAL					BASEMENT	BLDG 2		Negative	0.9	0.1
78	10/20/2009 14:07	CAL					BASEMENT	BLDG 2		Positive	1.2	0.2
108	10/20/2009 14:55	WALL	DRYWALL	A	INTACT	WHITE	SECOND	BLDG 2	HALLWAY	Negative	0	0.02
109	10/20/2009 14:55	WALL	DRYWALL	D	INTACT	WALPAPER	SECOND	BLDG 2	HALLWAY	Negative	0	0.02
110	10/20/2009 14:56	WALL	PLASTER	B	INTACT	WALPAPER	SECOND	BLDG 2	HALLWAY	Negative	0.04	0.08
111	10/20/2009 14:57	WALL	PLASTER	A	INTACT	WHITE	SECOND	BLDG 2	OFFICES	Negative	0.29	0.7
112	10/20/2009 14:58	WALL	PLASTER	C	INTACT	WALLPAPER	SECOND	BLDG 2	OFFICES	Negative	0	0.02
113	10/20/2009 14:59	WALL	PLASTER	A	INTACT	WHITE BROWN	SECOND	BLDG 2	OFFICES	Negative	0	0.02
114	10/20/2009 15:00	DOOR	WOOD	A	INTACT	STAINED BROWN	SECOND	BLDG 2	OFFICES	Negative	0	0.02
115	10/20/2009 15:00	DOOR	WOOD	B	INTACT	STAINED BROWN	SECOND	BLDG 2	OFFICES	Negative	0	0.03
116	10/20/2009 15:00	DOOR DOOR	WOOD	C	INTACT	STAINED	SECOND	BLDG 2	OFFICES	Negative	0	0.03
117	10/20/2009 15:01	FRAME DOOR	METAL	C	INTACT	BROWN	SECOND	BLDG 2	OFFICES	Negative	0	0.03
118	10/20/2009 15:01	FRAME DOOR	METAL	A	INTACT	BROWN	SECOND	BLDG 2	OFFICES	Negative	0	0.02
119	10/20/2009 15:02	FRAME	METAL	D	INTACT	BROWN	SECOND	BLDG 2	OFFICES	Negative	0	0.02
120	10/20/2009 15:02	DOOR	METAL	A	INTACT	BROWN	SECOND	BLDG 2	OFFICES	Negative	0.02	0.1
121	10/20/2009 15:05	WALL	PLASTER	A	INTACT	WALLPAPER	FIRST	BLDG 2	HALLWAY	Negative	0	0.02
122	10/20/2009 15:06	WALL	PLASTER	B	INTACT	WALLPAPER	FIRST	BLDG 2	HALLWAY	Negative	0	0.02
123	10/20/2009 15:07	WALL	PLASTER	D	INTACT	WALLPAPER	FIRST	BLDG 2	HALLWAY	Negative	0.02	0.06
124	10/20/2009 15:08	WALL	PLASTER	D	INTACT	WHITE	FIRST	BLDG 2	OFFICES	Negative	0	0.02
125	10/20/2009 15:09	WALL	DRYWALL	A	INTACT	WHITE	FIRST	BLDG 2	OFFICES	Negative	0	0.02
126	10/20/2009 15:10	WALL	DRYWALL	D	INTACT	WHITE BROWN	FIRST	BLDG 2	OFFICES	Negative	0.19	0.77
127	10/20/2009 15:10	DOOR	WOOD	A	INTACT	STAINED BROWN	FIRST	BLDG 2	OFFICES	Negative	0	0.03
128	10/20/2009 15:11	DOOR	WOOD	C	INTACT	STAINED BROWN	FIRST	BLDG 2	OFFICES	Negative	0	0.03
129	10/20/2009 15:11	DOOR	WOOD	B	INTACT	STAINED	FIRST	BLDG 2	OFFICES	Negative	0	0.02

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

INSPECTED BY:
MICHELLE CORREIA

XRF TESTING DATA SHEETS
V.A. MEDICAL CENTER
TUSCALOOSA, AL

BUILDING # 2
SELC PROJECT # 2009-1073

130	10/20/2009 15:12	DOOR FRAME	METAL	B	INTACT	BROWN	FIRST	BLDG 2	OFFICES	Negative	0	0.02
131	10/20/2009 15:12	DOOR FRAME	METAL	A	INTACT	BROWN	FIRST	BLDG 2	OFFICES	Negative	0	0.02
132	10/20/2009 15:12	DOOR FRAME	METAL	D	INTACT	BROWN	FIRST	BLDG 2	OFFICES	Negative	0	0.02
133	10/20/2009 15:13	DOOR	METAL	D	INTACT	BROWN	FIRST	BLDG 2	OFFICES	Negative	0	0.02
134	10/20/2009 15:13	DOOR	METAL	B	INTACT	BROWN	FIRST	BLDG 2	OFFICES	Negative	0.01	0.04
135	10/20/2009 15:15	WALL	PLASTER	B	INTACT	WALLPAPER	GROUND	BLDG 2	HALLWAY	Negative	0.01	0.03
136	10/20/2009 15:16	WALL	PLASTER	A	INTACT	WALLPAPER	GROUND	BLDG 2	HALLWAY	Negative	0.01	0.02
137	10/20/2009 15:16	WALL	PLASTER	D	INTACT	WALLPAPER	GROUND	BLDG 2	HALLWAY	Negative	0.01	0.03
138	10/20/2009 15:17	WALL	PLASTER	D	INTACT	WALLPAPER	GROUND	BLDG 2	OFFICES	Positive	1.8	0.8
139	10/20/2009 15:18	WALL	PLASTER	A	INTACT	WALLPAPER	GROUND	BLDG 2	OFFICES	Negative	0	0.02
140	10/20/2009 15:20	WALL	PLASTER	C	INTACT	WALLPAPER	GROUND	BLDG 2	OFFICES	Negative	0	0.02
141	10/20/2009 15:21	DOOR	METAL	C	INTACT	GREY	GROUND	BLDG 2	OFFICES	Negative	0.01	0.03
142	10/20/2009 15:21	DOOR	METAL	B	INTACT	GREY	GROUND	BLDG 2	OFFICES	Negative	0	0.02
143	10/20/2009 15:22	DOOR FRAME	METAL	B	INTACT	GREY	GROUND	BLDG 2	OFFICES	Negative	-0.17	1.07
144	10/20/2009 15:22	DOOR FRAME	METAL	A	INTACT	GREY	GROUND	BLDG 2	OFFICES	Negative	0.01	0.03
145	10/20/2009 15:30	POSTCAL								Positive	1	0.1
146	10/20/2009 15:31	POSTCAL								Positive	1.1	0.1
147	10/20/2009 15:31	POSTCAL								Positive	1.1	0.1

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

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V.A. MEDICAL CENTER
TUSCALOOSA, AL

BUILDING # 25
SELC PROJECT # 2009-1073

Reading	Time	Component	Substrate	Side	Condition	Color	Floor	Results	PbC	PbC Error
1	10/28/2009 10:41								4.62	0
2	10/28/2009 10:42	PRECAL						Positive	1	0.1
3	10/28/2009 10:43	PRECAL						Negative	0.9	0.1
4	10/28/2009 10:43	PRECAL						Positive	1.1	0.1
109	10/28/2009 14:10	WALL	CONCRETE	B	INTACT	WHITE	FIRST	Positive	1.5	0.4
110	10/28/2009 14:10	WALL	CONCRETE	C	INTACT	WHITE	FIRST	Negative	0	0.02
111	10/28/2009 14:11	WALL	CONCRETE	D	INTACT	WHITE	FIRST	Negative	0.02	0.03
112	10/28/2009 14:12	LOUVRE	WOOD	D	CRACKED	WHITE	FIRST	Positive	3.5	2.1
113	10/28/2009 14:12	DOOR	WOOD	D	CRACKED	WHITE	FIRST	Negative	0.5	0.5
114	10/28/2009 14:12	DOOR FRAME	WOOD	D	CRACKED	WHITE	FIRST	Positive	8.8	7
115	10/28/2009 14:13	FASCIA	WOOD	D	CRACKED	WHITE	FIRST	Positive	25.7	22.6
116	10/28/2009 14:13	SOFFIT	WOOD	D	CRACKED	WHITE	FIRST	Positive	23.9	13.7
117	10/28/2009 14:14	ROLLUP DOOR	WOOD	D	CRACKED	WHITE	FIRST	Positive	18.7	11.9
118	10/28/2009 14:14	ROLLUP DOOR	METAL	D	CRACKED	WHITE	FIRST	Positive	18.5	11.6
119	10/28/2009 14:14	ROLLUP DOOR FRAME CORNER	WOOD	D	CRACKED	WHITE	FIRST	Positive	23.2	21.1
120	10/28/2009 14:17	PROTECTOR	METAL	D	FAIR	BLACK	FIRST	Positive	13.5	10.4
178	10/28/2009 15:52	POSTCAL	WOOD	A	POOR	WHITE	FIRST	Positive	1	0.1
179	10/28/2009 15:52	POSTCAL	WOOD	A	POOR	WHITE	FIRST	Negative	0.9	0.1
180	10/28/2009 15:52	POSTCAL	WOOD	A	POOR	WHITE	FIRST	Negative	0.9	0.1

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

INSPECTION BY:
MICHELLE CORREIA

XRF TESTING DATA SHEETS
V.A. MEDICAL CENTER
TUSCALOOSA, AL

BUILDING # 27
SELC PROJECT # 2009-1073

Reading	Time	Component	Substrate	Side	Condition	Color	Floor	Room	Results	PbC	PbC Error
1	10/28/2009 10:41									4.62	0
2	10/28/2009 10:42	PRECAL							Positive	1	0.1
3	10/28/2009 10:43	PRECAL							Negative	0.9	0.1
4	10/28/2009 10:43	PRECAL							Positive	1.1	0.1
131	10/28/2009 14:23	ROLLUP DOOR FRAME	WOOD	A	INTACT	WHITE	FIRST	EXTERIOR	Positive	15.2	10.2
132	10/28/2009 14:23	ROLLUP DOOR	METAL	A	INTACT	WHITE	FIRST	EXTERIOR	Negative	0	0.02
133	10/28/2009 14:24	CORNER PROTECTOR	METAL	A	INTACT	BLACK	FIRST	EXTERIOR	Negative	0.3	0.29
135	10/28/2009 14:24	CORNER PROTECTOR	METAL	A	INTACT	BLACK	FIRST	EXTERIOR	Negative	0.11	0.15
136	10/28/2009 14:26	WALL	CONCRETE	B	INTACT	WHITE	FIRST	EXTERIOR	Negative	0	0.02
137	10/28/2009 14:26	WALL	CONCRETE	C	INTACT	WHITE	FIRST	EXTERIOR	Negative	0.01	0.02
138	10/28/2009 14:27	LOUVRE	WOOD	C	POOR	WHITE	FIRST	EXTERIOR	Negative	0.7	0.3
139	10/28/2009 14:27	LOUVRE	WOOD	C	POOR	WHITE	FIRST	EXTERIOR	Positive	26.6	23.9
140	10/28/2009 14:27	SOFFIT	WOOD	C	POOR	WHITE	FIRST	EXTERIOR	Positive	20.2	18.5
141	10/28/2009 14:28	FASCIA	WOOD	C	POOR	WHITE	FIRST	EXTERIOR	Positive	23.6	20.9
178	10/28/2009 15:52	POSTCAL							Positive	1	0.1
179	10/28/2009 15:52	POSTCAL							Negative	0.9	0.1
180	10/28/2009 15:52	POSTCAL							Negative	0.9	0.1

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

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XRF TESTING DATA SHEETS
V.A. MEDICAL CENTER
TUSCALOOSA, AL

BUILDING # 28
SELC PROJECT # 2009-1073

Reading	Time	Component	Substrate	Side	Condition	Color	Floor	Room	Results	PbC	PbC Error
1	10/28/2009 10:41									4.62	0
2	10/28/2009 10:42	PRECAL							Positive	1	0.1
3	10/28/2009 10:43	PRECAL							Negative	0.9	0.1
4	10/28/2009 10:43	PRECAL							Positive	1.1	0.1
121	10/28/2009 14:17	CORNER PROTECTOR	METAL	D	FAIR	BLACK	FIRST	EXTERIOR	Positive	21.6	13.7
122	10/28/2009 14:18	WALL	CONCRETE	B	FAIR	WHITE	FIRST	EXTERIOR	Negative	0	0.02
123	10/28/2009 14:18	WALL	CONCRETE	C	FAIR	WHITE	FIRST	EXTERIOR	Negative	0	0.02
124	10/28/2009 14:19	LOUVRE	WOOD	C	POOR	WHITE	FIRST	EXTERIOR	Positive	21	12.4
125	10/28/2009 14:19	FASCIA	WOOD	C	POOR	WHITE	FIRST	EXTERIOR	Negative	0.01	0.04
126	10/28/2009 14:20	SOFFIT	WOOD	C	POOR	WHITE	FIRST	EXTERIOR	Negative	0	0.03
127	10/28/2009 14:20	SOFFIT	WOOD	D	CRACKED	WHITE	FIRST	EXTERIOR	Positive	33.1	27.6
128	10/28/2009 14:20	FASCIA	WOOD	D	CRACKED	WHITE	FIRST	EXTERIOR	Positive	34.1	28
129	10/28/2009 14:21	ROLLUP DOOR	METAL	A	INTACT	WHITE	FIRST	EXTERIOR	Negative	0	0.02
130	10/28/2009 14:22	ROLLUP DOOR FRAME	WOOD	A	INTACT	WHITE	FIRST	EXTERIOR	Positive	13.4	9.3
178	10/28/2009 15:52	POSTCAL							Positive	1	0.1
179	10/28/2009 15:52	POSTCAL							Negative	0.9	0.1
180	10/28/2009 15:52	POSTCAL							Negative	0.9	0.1

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

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TUSCALOOSA, AL

BUILDING # 3
SELC PROJECT # 2009-1073

Readin	Time	Component	Substrate	Side	Condition	Color	Floor	Room	Results	PbC	PbC Error
182	10/30/2009 10:29								Positive	1	0.1
183	10/30/2009 10:32	PRECAL B	1.04	RANG	0.8-1.2				Negative	0.9	0.1
184	10/30/2009 10:32	PRECAL C	1.04	RANG	0.8-1.2				Positive	1	0.1
185	10/30/2009 10:54	WALL	PLASTER	A	INTACT	WALLPAPER	BASEMENT	OFFICES	Negative	0	0.02
		WALL ABOVE									
186	10/30/2009 11:08	CEILING	PLASTER	C	INTACT	WHITE	BASEMENT	OFFICES	Negative	0	0.02
187	10/30/2009 11:09	DOOR	METAL	A	POOR	BEIGE	BASEMENT	OFFICES	Negative	0.16	0.35
188	10/30/2009 11:09	DOOR FRAME	METAL	A	POOR	BEIGE	BASEMENT	OFFICES	Negative	0.03	0.12
		WINDOW									
189	10/30/2009 11:10	FRAME	CONCRETE	A	POOR	WHITE	BASEMENT	OFFICES	Negative	0.5	0.5
190	10/30/2009 11:15	WALL	PLASTER	B	INTACT	WHITE	BASEMENT	BATHROOM	Negative	0.04	0.04
		WALL ABOVE									
191	10/30/2009 11:16	CEILING	PLASTER	D	INTACT	BLUE	BASEMENT	BATHROOM	Negative	0.02	0.03
192	10/30/2009 11:17	DOOR FRAME	METAL	D	INTACT	GRAY	BASEMENT	BATHROOM	Negative	0.1	0.16
193	10/30/2009 11:18	FLOOR	CONCRETE	D	POOR	GRAY	BASEMENT	BATHROOM	Negative	0	0.02
194	10/30/2009 11:19	FLOOR	CONCRETE	D	POOR	GREEN	BASEMENT	BATHROOM	Negative	0.02	0.04
							SUB	BOILER			
195	10/30/2009 11:21	WALL	BRICK	D	INTACT	GRAY	BASEMENT	ROOM	Negative	0.06	0.04
							SUB	BOILER			
196	10/30/2009 11:22	WALL	BLOCK	A	INTACT	WHITE	BASEMENT	ROOM	Negative	0.02	0.02
							SUB	BOILER			
197	10/30/2009 11:22	DOOR	WOOD	A	FAIR	GRAY	BASEMENT	ROOM	Positive	4.4	3.3
							SUB	BOILER			
198	10/30/2009 11:23	DOOR FRAME	WOOD	A	FAIR	GRAY	BASEMENT	ROOM	Positive	5.2	4
							SUB	BOILER			
200	10/30/2009 11:24	PIPE	DRYWALL	A	INTACT	GRAY	BASEMENT	ROOM	Negative	0.01	0.04
							SUB	BOILER			
201	10/30/2009 11:26	WINDOW	METAL	A	FAIR	GRAY	BASEMENT	ROOM	Positive	2.5	1
		WINDOW					SUB	BOILER			
202	10/30/2009 11:26	FRAME	METAL	A	FAIR	GRAY	BASEMENT	ROOM	Positive	5.9	4.1
							SUB	BOILER			
203	10/30/2009 11:27	HANDRAIL	METAL	A	FAIR	GRAY	BASEMENT	ROOM	Positive	7.4	4.6
							SUB	BOILER			
204	10/30/2009 11:28	TREAD	METAL	A	FAIR	GRAY	BASEMENT	ROOM	Positive	2.5	1.5
							SUB	BOILER			
205	10/30/2009 11:28	RISER	METAL	A	FAIR	GRAY	BASEMENT	ROOM	Positive	5.2	4

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206	10/30/2009 11:30	WALL	BLOCK	B	FAIR	WHITE	SUB BASEMENT	BOILER ROOM	Negative	0.5	0.5
207	10/30/2009 11:32	DOOR	WOOD	A	FAIR	GRAY	SUB BASEMENT	OFFICES	Negative	0	0.03
208	10/30/2009 11:33	DOOR FRAME	WOOD	A	FAIR	WHITE	SUB BASEMENT	OFFICES	Negative	0.04	0.19
209	10/30/2009 11:35	CEILING	CONCRETE	A	FAIR	WHITE	SUB BASEMENT	OFFICES	Negative	0	0.02
210	10/30/2009 11:35	BEAM	METAL	A	INTACT	WHITE	SUB BASEMENT	OFFICES	Positive	6.2	4.4
211	10/30/2009 11:38	FLOOR	CONCRETE	A	INTACT	GRAY	SUB BASEMENT	BOILER ROOM	Negative	0.03	0.05
212	10/30/2009 11:39	CEILING	CONCRETE	A	POOR	WHITE	SUB BASEMENT	BOILER ROOM	Positive	8.1	4.7
213	10/30/2009 11:39	BEAM	METAL	A	POOR	WHITE	SUB BASEMENT	BOILER ROOM	Positive	10.1	7.6
214	10/30/2009 11:40	FLOOR	CONCRETE	A	POOR	GREEN	SUB BASEMENT	BOILER ROOM	Negative	0.03	0.05
215	10/30/2009 11:43	BOILER	METAL	C	INTACT	GRAY	SUB BASEMENT	BOILER ROOM	Positive	2.2	1
216	10/30/2009 11:43	WINDOW FRAME	METAL	B	INTACT	GRAY	SUB BASEMENT	BOILER ROOM	Negative	0	0.02
217	10/30/2009 11:45	SLIDING DOOR	METAL	C	FAIR	GRAY	SUB BASEMENT	BOILER ROOM	Positive	6.1	4
218	10/30/2009 11:46	CEILING	CONCRETE	C	POOR	WHITE	SUB BASEMENT	BOILER ROOM	Positive	4.7	3
219	10/30/2009 11:47	DOOR	METAL	A	POOR	GRAY	SUB BASEMENT	MACHINE SHOP	Positive	3.7	2.4
221	10/30/2009 11:47	DOOR FRAME	METAL	A	POOR	GRAY	SUB BASEMENT	MACHINE SHOP	Positive	4.7	3.5
222	10/30/2009 11:48	COLUMN	CONCRETE	CENTI	POOR	WHITE	SUB BASEMENT	MACHINE SHOP	Negative	0.02	0.03
223	10/30/2009 11:49	BEAM	METAL	CENTI	POOR	WHITE	SUB BASEMENT	MACHINE SHOP	Negative	0	0.02
224	10/30/2009 11:52	PIPE	METAL	D	INTACT	YELLOW	SUB BASEMENT	MACHINE SHOP	Negative	0	0.02

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225	10/30/2009 11:53	CONTROL PANEL	METAL	A	INTACT	BLACK	SUB BASEMENT	BOILER ROOM	Negative	0.01	0.04
226	10/30/2009 11:55	DECK PLATE	METAL	A	INTACT	GRAY	SUB BASEMENT	BOILER ROOM	Negative	0.01	0.04
227	10/30/2009 11:56	CURB	CONCRETE	B	POOR	YELLOW	SUB BASEMENT	BOILER ROOM	Positive	3.3	2
228	10/30/2009 11:58	LADDER	METAL	A	FAIR	GRAY	SUB BASEMENT	BOILER ROOM	Positive	3.7	2.3
230	10/30/2009 12:03	WALL	PLASTER	C	FAIR	WHITE	BASEMENT	HALLWAY	Positive	1.3	0.3
231	10/30/2009 12:03	DOOR	METAL	C	POOR	WHITE	BASEMENT	HALLWAY	Negative	0.6	0.4
232	10/30/2009 12:04	DOOR FRAME	METAL	C	POOR	WHITE	BASEMENT	HALLWAY	Positive	1.6	0.6
233	10/30/2009 12:06	TRANSOM	WOOD	B	INTACT	WHITE	BASEMENT	HALLWAY	Positive	6.6	3.6
234	10/30/2009 12:16	WALL	PLASTER	A	INTACT	WALLPAPER	BASEMENT	HALLWAY	Negative	0	0.02
235	10/30/2009 12:17	WINDOW FRAME	WOOD	C	INTACT	WHITE	BASEMENT	HALLWAY	Negative	0	0.02
236	10/30/2009 12:18	WINDOW SASH	WOOD	A	INTACT	WHITE	BASEMENT	HALLWAY	Negative	0	0.03
237	10/30/2009 12:23	POSTCAL	1.04	RANG	0.8-1.2		BASEMENT		Positive	1	0.1
238	10/30/2009 12:24	POSTCAL B	1.04	RANG	0.8-1.2		BASEMENT		Positive	1	0.1
239	10/30/2009 12:25	POSTCAL C	1.04	RANG	0.8-1.2		BASEMENT		Negative	0.9	0.1
31	11/9/2009 10:48	CEILING	CONCRETE	A	POOR	WHITE	FIRST	EXTERIOR	Negative	0.19	0.06
32	11/9/2009 10:49	CEILING BEAM	CONCRETE	A	POOR	WHITE	FIRST	EXTERIOR	Negative	0.29	0.09
33	11/9/2009 10:52	WALL	CONCRETE	D	POOR	WHITE	FIRST	EXTERIOR	Negative	0.8	0.2
34	11/9/2009 10:53	COLUMN	CONCRETE	B	POOR	WHITE	FIRST	EXTERIOR	Negative	0.21	0.08
35	11/9/2009 11:03	DOOR	METAL	D	POOR	WHITE	FIRST	STORAGE	Negative	0	0.02
36	11/9/2009 11:04	DOOR FRAME	METAL	D	POOR	WHITE	FIRST	STORAGE	Negative	0	0.02
37	11/9/2009 11:05	WALL	BRICK	D	POOR	WHITE	FIRST	STORAGE	Negative	0	0.02
38	11/9/2009 11:06	OLD PIPE	METAL	C	POOR	WHITE	FIRST	STORAGE	Negative	0.4	0.6
39	11/9/2009 11:13	DOOR	METAL	D	POOR	BEIGE	FIRST	EXTERIOR	Negative	0.03	0.11
40	11/9/2009 11:14	DOOR FRAME	METAL	D	POOR	BEIGE	FIRST	EXTERIOR	Negative	0.03	0.08
41	11/9/2009 11:14	PIPE	METAL	D	POOR	WHITE	FIRST	EXTERIOR	Negative	0.29	0.67
42	11/9/2009 11:16	TRANSOM	METAL	D	POOR	WHITE	FIRST	EXTERIOR	Negative	0	0.03
43	11/9/2009 11:18	BAY DOOR	METAL	D	POOR	BLACK	FIRST	EXTERIOR	Negative	0.6	0.4
44	11/9/2009 11:20	BAY DOOR HEADER	CONCRETE	C	POOR	WHITE	FIRST	EXTERIOR	Positive	1.8	0.8
45	11/9/2009 11:22	PIPE	METAL	C	POOR	GRAY	FIRST	EXTERIOR	Positive	15.3	10.8

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46	11/9/2009 11:23	HANDRAIL	METAL	C	FAIR	GRAY	FIRST	EXTERIOR	Negative	0.02	0.06
47	11/9/2009 11:23	DOOR	METAL	C	FAIR	GRAY	FIRST	EXTERIOR	Negative	0.07	0.18
48	11/9/2009 11:24	DOOR FRAME	METAL	C	FAIR	GRAY	FIRST	EXTERIOR	Positive	23.2	21.1
49	11/9/2009 11:29	STACK	BRICK	C	POOR	SILVER	FIRST	EXTERIOR	Negative	0.7	0.1
50	11/9/2009 11:29	STACK RPT	BRICK	C	POOR	SILVER	FIRST	EXTERIOR	Positive	1.2	0.1
51	11/9/2009 11:31	DOOR	WOOD	C	FAIR	SILVER	FIRST	ELECTRICAL SHOP	Negative	0	0.03
52	11/9/2009 11:32	DOOR FRAME	WOOD	C	POOR	SILVER	FIRST	ELECTRICAL SHOP	Positive	6.6	3.5
53	11/9/2009 11:33	AC PANEL	WOOD	B	POOR	WHITE	FIRST	EXTERIOR	Negative	0	0.03
54	11/9/2009 11:34	DOOR	WOOD	B	POOR	WHITE	FIRST	STORAGE	Positive	10.9	7.8
55	11/9/2009 11:35	DOOR FRAME	WOOD	B	POOR	WHITE	FIRST	STORAGE	Positive	13.8	9.3
56	11/9/2009 11:35	HANDRAIL	METAL	B	FAIR	BLACK	FIRST	STORAGE	Negative	0	0.02
57	11/9/2009 11:36	LIFT	METAL	B	POOR	ORANGE	FIRST	STORAGE	Negative	0	0.02
58	11/9/2009 11:37	WALL	WOOD	B	INTACT	WHITE	FIRST	STORAGE	Positive	3.4	2.3
59	11/9/2009 11:39	POST	METAL	B	FAIR	WHITE	FIRST	EXTERIOR	Negative	0.01	0.06
60	11/9/2009 11:39	HANDRAIL	METAL	B	FAIR	BLACK	FIRST	EXTERIOR	Negative	0	0.02
61	11/9/2009 11:42	STRUCTURAL BEAM	METAL	B	FAIR	WHITE	FIRST	EXTERIOR	Negative	0	0.02
62	11/9/2009 11:44	DOOR	METAL	B	FAIR	WHITE	FIRST	STORAGE	Positive	16.5	10.7
63	11/9/2009 11:44	DOOR FRAME	METAL	B	FAIR	WHITE	FIRST	STORAGE	Positive	2.5	1.2
64	11/9/2009 11:45	WALL	CONCRETE	B	POOR	WHITE	FIRST	STORAGE	Positive	2.3	1
65	11/9/2009 11:46	DOWNSPOUT	METAL	B	POOR	BLACK	FIRST	STORAGE	Negative	0.4	0.3
66	11/9/2009 11:50	WALL	BRICK	C	POOR	WHITE	FIRST	STORAGE	Positive	7	3.7
67	11/9/2009 11:52	DOOR	METAL	D	POOR	WHITE	FIRST	STORAGE	Negative	0.05	0.22
68	11/9/2009 11:52	DOOR FRAME	METAL	D	POOR	WHITE	FIRST	STORAGE	Negative	0.23	0.75
69	11/9/2009 11:52	DOOR FRAME	WOOD	D	POOR	WHITE	FIRST	STORAGE	Positive	1.7	0.7
70	11/9/2009 11:53	CAGE	METAL	D	POOR	WHITE	FIRST	STORAGE	Negative	0	0.02
71	11/9/2009 11:54	CAGE FRAME	METAL	D	POOR	WHITE	FIRST	STORAGE	Negative	0.01	0.04
72	11/9/2009 11:55	CEILING	CONCRETE	D	POOR	WHITE	FIRST	STORAGE	Positive	4.5	3.4
73	11/9/2009 11:55	HANDRAIL	METAL	B	POOR	GRAY	FIRST	STORAGE	Negative	0.03	0.07
74	11/9/2009 11:57	HANDRAIL BASE	METAL	B	INTACT	BLACK	FIRST	STORAGE	Negative	0	0.02
75	11/9/2009 13:14	MIDCAL	1.04	RANG	0.8-1.2		FIRST		Positive	1	0.1
76	11/9/2009 13:15	MIDCAL B	1.04	RANG	0.8-1.2		FIRST		Negative	0.9	0.1
77	11/9/2009 13:15	MIDCAL C	1.04	RANG	0.8-1.2		FIRST		Positive	1.1	0.1
78	11/9/2009 13:24	WALL	METAL	A	POOR	WHITE	FIRST	ELEVATOR	Negative	0.25	0.67

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79	11/9/2009 13:25	DOOR FRAME	METAL	A	POOR	WHITE	FIRST	ELEVATOR	Negative	0.27	0.69
80	11/9/2009 13:27	WALL	PLASTER	B	POOR	WHITE	FIRST	KITCHEN	Negative	0.01	0.02
81	11/9/2009 13:29	COLUMN	PLASTER	B	FAIR	WHITE	FIRST	KITCHEN	Negative	0.8	0.2
82	11/9/2009 13:34	DOOR	METAL	A	POOR	BEIGE	FIRST	ELEVATOR	Negative	0.5	0.4
83	11/9/2009 13:34	DOOR	METAL	A	POOR	BEIGE	FIRST	KITCHEN	Negative	0.15	0.25
84	11/9/2009 13:35	DOOR FRAME	METAL	A	POOR	BEIGE	FIRST	KITCHEN	Negative	0.08	0.17
85	11/9/2009 13:35	COVE BASE	WOOD	A	POOR	WHITE	FIRST	KITCHEN	Negative	0	0.02
86	11/9/2009 13:36	WALL	PLASTER	C	POOR	WHITE	FIRST	STORAGE	Negative	0.12	0.05
87	11/9/2009 13:37	DOOR	METAL	B	FAIR	WHITE	FIRST	STORAGE	Negative	0.06	0.1
88	11/9/2009 13:37	DOOR FRAME	METAL	B	POOR	WHITE	FIRST	STORAGE	Negative	0.03	0.08
89	11/9/2009 13:38	CEILING	PLASTER	B	POOR	WHITE	FIRST	STORAGE	Negative	0.06	0.03
90	11/9/2009 13:40	WALL	DRYWALL	C	FAIR	WHITE	FIRST	KITCHEN	Negative	0	0.02
92	11/9/2009 13:43	WALL	PLASTER	A	FAIR	WHITE	FIRST	HALLWAY	Negative	0.01	0.03
94	11/9/2009 13:44	COLUMN	METAL	A	FAIR	WHITE	FIRST	HALLWAY	Negative	0	0.02
95	11/9/2009 13:45	DOOR	METAL	C	FAIR	BEIGE	FIRST	HALLWAY	Negative	0.02	0.09
96	11/9/2009 13:45	DOOR FRAME	METAL	C	FAIR	BEIGE	FIRST	HALLWAY	Negative	0	0.02
97	11/9/2009 13:46	WINDOW SILL	PLASTER	A	FAIR	WHITE	FIRST	HALLWAY	Negative	0.5	0.5
98	11/9/2009 13:47	WALL	PLASTER	B	INTACT	WHITE	FIRST	HALLWAY	Negative	0	0.02
99	11/9/2009 13:50	WALL	PLASTER	D	INTACT	WHITE	FIRST	HALLWAY	Negative	0.09	0.04
100	11/9/2009 13:52	DOOR FRAME	METAL	C	INTACT	WHITE	FIRST	HALLWAY	Negative	0	0.02
101	11/9/2009 13:53	WINDOW FRAME	PLASTER	A	INTACT	WHITE	FIRST	HALLWAY	Positive	1.8	0.8
102	11/9/2009 13:53	RADIATOR	METAL	A	FAIR	WHITE	FIRST	HALLWAY	Negative	0.01	0.03
103	11/9/2009 13:54	RADIATOR GAS LINE	METAL	A	POOR	WHITE	FIRST	HALLWAY	Negative	-0.2	0.95
104	11/9/2009 13:56	FLOOR	PLASTER	A	POOR	RED	FIRST	HALLWAY	Negative	0.01	0.03
105	11/9/2009 13:57	WALL	DRYWALL	D	INTACT	WHITE	FIRST	BATHROOM	Negative	0	0.02
107	11/9/2009 13:58	WALL	PLASTER	B	FAIR	WHITE	FIRST	BATHROOM	Negative	0.07	0.08
109	11/9/2009 14:00	CEILING	PLASTER	B	POOR	WHITE	FIRST	BATHROOM	Negative	0.26	0.11
110	11/9/2009 14:00	DOOR	METAL	A	POOR	WHITE	FIRST	BATHROOM	Negative	0.1	0.22
111	11/9/2009 14:01	DOOR FRAME	METAL	A	POOR	WHITE	FIRST	BATHROOM	Positive	1.4	0.4
112	11/9/2009 14:03	WINDOW FRAME	WOOD	C	POOR	WHITE	FIRST	BATHROOM	Positive	1.4	0.4
113	11/9/2009 14:03	MIRROR	WOOD	B	FAIR	WHITE	FIRST	BATHROOM	Positive	1.7	0.6
114	11/9/2009 14:04	MIRROR SHELF	WOOD	B	FAIR	WHITE	FIRST	BATHROOM	Positive	3.5	2.2

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115	11/9/2009 14:10	WALL	PLASTER	B	POOR	WHITE	FIRST	STAIRWELL	Negative	0.9	0.2
116	11/9/2009 14:10	DOOR	METAL	A	INTACT	BEIGE	FIRST	STAIRWELL	Negative	0.14	0.28
117	11/9/2009 14:11	DOOR FRAME	METAL	A	INTACT	BEIGE	FIRST	STAIRWELL	Negative	0.03	0.07
118	11/9/2009 14:12	WINDOW SILL	PLASTER	A	POOR	WHITE	FIRST	STAIRWELL	Negative	0	0.02
119	11/9/2009 14:12	HANDRAIL HANDRAIL	METAL	D	POOR	BEIGE	FIRST	STAIRWELL	Negative	0	0.02
120	11/9/2009 14:13	SUPPORT	METAL	D	INTACT	WHITE	FIRST	STAIRWELL	Negative	0.03	0.14
121	11/9/2009 14:14	BASEBOARD	WOOD	D	INTACT	BEIGE	FIRST	STAIRWELL	Negative	0.4	0.5
122	11/9/2009 14:14	STRINGER	WOOD	D	INTACT	BEIGE	FIRST	STAIRWELL	Negative	0.5	0.4
123	11/9/2009 14:15	RISER DOOR TO	WOOD	D	INTACT	BEIGE	FIRST	STAIRWELL	Negative	0.6	0.4
124	11/9/2009 14:16	ATTIC	METAL	D	POOR	BEIGE	FIRST	STAIRWELL	Negative	0.06	0.11
125	11/9/2009 14:16	DOOR FRAME	METAL	D	POOR	BEIGE	FIRST	STAIRWELL	Negative	0.05	0.1
126	11/9/2009 14:17	HANDRAIL	METAL	B	POOR	BLACK	FIRST	STAIRWELL	Negative	0.11	0.14
127	11/9/2009 14:18	TREAD	METAL	B	POOR	BEIGE	FIRST	STAIRWELL	Negative	0.01	0.03
128	11/9/2009 14:18	RISER	METAL	B	POOR	BEIGE	FIRST	STAIRWELL	Negative	0.21	0.25
129	11/9/2009 14:19	STRINGER DOOR TO	WOOD	B	POOR	BEIGE	FIRST	STAIRWELL	Negative	0.16	0.2
130	11/9/2009 14:20	ROOF	METAL	A	POOR	BEIGE	FIRST	STAIRWELL	Positive	9.3	8.3
131	11/9/2009 14:20	DOOR FRAME	METAL	A	POOR	BEIGE	FIRST	STAIRWELL	Positive	2.9	1.8
132	11/9/2009 14:25	DORMER HVAC SUPPORT	WOOD	B	POOR	WHITE	FIRST	ROOF	Negative	0.02	0.06
133	11/9/2009 14:27	BEAM HVAC SUPPORT	METAL	B	FAIR	SILVER	FIRST	ROOF	Negative	0	0.02
134	11/9/2009 14:27	BEAM	METAL	B	FAIR	SILVER	FIRST	ROOF	Negative	0	0.02
135	11/9/2009 14:37	WALL	WOOD-GRAI	A	INTACT	WHITE	SECOND	HALLWAY	Positive	1.1	0.2
136	11/9/2009 14:38	WALL	PLASTER	B	INTACT	WHITE	SECOND	HALLWAY	Negative	0	0.02
137	11/9/2009 14:39	WALL	PLASTER	C	INTACT	WHITE	SECOND	HALLWAY	Negative	0.05	0.04
138	11/9/2009 14:41	COLUMN	METAL	C	INTACT	WHITE	SECOND	HALLWAY	Positive	1	0.2
139	11/9/2009 14:41	DOOR	METAL	C	INTACT	WHITE	SECOND	HALLWAY	Negative	0	0.02
140	11/9/2009 14:42	DOOR FRAME	METAL	C	INTACT	WHITE	SECOND	HALLWAY	Negative	0	0.02
141	11/9/2009 14:43	WALL	PLASTER	B	INTACT	WHITE	SECOND	OFFICES	Negative	0.02	0.02
142	11/9/2009 14:44	DOOR FRAME	METAL	B	INTACT	BEIGE	SECOND	OFFICES	Negative	0.02	0.06
143	11/9/2009 14:44	WINDOW SILL	PLASTER	D	INTACT	WHITE	SECOND	OFFICES	Negative	0	0.02
144	11/9/2009 14:46	WALL	PLASTER	D	INTACT	WHITE	SECOND	OFFICES	Negative	0	0.02

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145	11/9/2009 14:46	DOOR FRAME	METAL	A	POOR	WHITE	SECOND	OFFICES	Positive	3.4	2.1
146	11/9/2009 14:47	TRANSOM	WOOD	A	INTACT	WHITE	SECOND	OFFICES	Positive	6.7	4.2
147	11/9/2009 14:48	WALL	PLASTER	A	INTACT	WHITE	SECOND	OFFICES	Negative	0.01	0.02
148	11/9/2009 14:49	WALL	DRYWALL	A	INTACT	WHITE	SECOND	OFFICES	Negative	0	0.02
149	11/9/2009 14:49	DOOR	WOOD	C	POOR	BROWN STAIN	SECOND	OFFICES	Negative	0.05	0.11
151	11/9/2009 14:50	DOOR FRAME	METAL	C	POOR	BEIGE	SECOND	OFFICES	Positive	2.6	1.5
152	11/9/2009 14:51	WINDOW SILL	PLASTER	A	INTACT	WHITE	SECOND	OFFICES	Negative	0.09	0.1
153	11/9/2009 14:52	SHELF SHELF	WOOD	D	INTACT	WHITE	SECOND	OFFICES	Negative	0	0.02
154	11/9/2009 14:53	SUPPORT	WOOD	D	INTACT	WHITE	SECOND	OFFICES	Negative	0.01	0.09
155	11/9/2009 14:53	COATRACK	WOOD	C	INTACT	WHITE	SECOND	OFFICES	Positive	4	2.7
157	11/9/2009 14:54	CLOSET WALL CLOSET	PLASTER	A	POOR	WHITE	SECOND	OFFICES	Negative	0.29	0.11
158	11/9/2009 14:55	CEILING	PLASTER	A	INTACT	WHITE	SECOND	OFFICES	Negative	0.23	0.07
159	11/9/2009 14:56	DOOR FRAME	METAL	B	INTACT	BEIGE	SECOND	OFFICES	Positive	4.4	3.3
160	11/9/2009 14:57	DOOR	WOOD	D	FAIR	WHITE	SECOND	HALLWAY	Positive	4.9	2.6
161	11/9/2009 14:57	DOOR FRAME	WOOD	D	FAIR	BEIGE	SECOND	HALLWAY	Positive	4.9	2.6
162	11/9/2009 14:58	BASEBOARD	CONCRETE	A	FAIR	BEIGE	SECOND	HALLWAY	Negative	0.01	0.02
163	11/9/2009 14:59	FIRE BOX	METAL	A	INTACT	RED	SECOND	HALLWAY	Positive	2.6	1.3
164	11/9/2009 15:00	FIRE BOX	METAL	A	INTACT	WHITE	SECOND	HALLWAY	Negative	0.19	0.34
166	11/9/2009 15:00	STAIRS	CONCRETE	A	INTACT	BEIGE	SECOND	HALLWAY	Negative	0	0.02
167	11/9/2009 15:01	TREAD	WOOD	A	INTACT	BLACK	SECOND	HALLWAY	Negative	0.01	0.02
168	11/9/2009 15:03	WALL	DRYWALL	C	INTACT	WHITE	SECOND	STAIRWELL	Negative	0	0.02
170	11/9/2009 15:04	WINDOW SILL WINDOW	METAL	C	INTACT	WHITE	SECOND	STAIRWELL	Negative	0	0.02
171	11/9/2009 15:05	FRAME	WOOD	C	INTACT	WHITE	SECOND	STAIRWELL	Negative	0	0.02
172	11/9/2009 15:05	NEWEL POST	WOOD	C	INTACT	WHITE	SECOND	STAIRWELL	Positive	3.4	1.8
173	11/9/2009 15:06	BALASTRADE	METAL	C	INTACT	WHITE	SECOND	STAIRWELL	Positive	1.7	0.6
174	11/9/2009 15:07	STRINGER	WOOD	A	INTACT	WHITE	SECOND	STAIRWELL	Positive	2.3	1.1
175	11/9/2009 15:08	HEADER	WOOD	A	INTACT	WHITE	SECOND	STAIRWELL	Negative	0.5	0.5
176	11/9/2009 15:10	CEILING	PLASTER	A	INTACT	WHITE	SECOND	STAIRWELL	Negative	0	0.02
177	11/9/2009 15:24	POSTCAL A	1.04						Negative	0.8	0.2
178	11/9/2009 15:25	POSTCAL B	1.04						Positive	1.1	0.1
179	11/9/2009 15:25	POSTCAL C	1.04						Positive	1.2	0.2

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Readi	Time	Component	Substrate	Side	Condition	Color	Floor	Room	Results	PbC	PbC Error
1	10/28/2009 10:41									4.62	0
2	10/28/2009 10:42	PRECAL							Positive	1	0.1
3	10/28/2009 10:43	PRECAL							Negative	0.9	0.1
4	10/28/2009 10:43	PRECAL							Positive	1.1	0.1
5	10/28/2009 10:52	STRUC STEEL	METAL		INTACT	RED	ATTIC		Positive	10.1	7.9
6	10/28/2009 10:53	STRUC STEEL	METAL		INTACT	RED	ATTIC		Positive	21.1	13.2
7	10/28/2009 10:53	STRUC STEEL	METAL		INTACT	RED	ATTIC		Positive	17.3	12.2
8	10/28/2009 10:54	DOOR	METAL	C	INTACT	WHITE	ATTIC		Negative	0.14	0.53
9	10/28/2009 10:55	DOOR FRAME	METAL	C	INTACT	WHITE	ATTIC		Negative	0.09	0.23
10	10/28/2009 10:55	FIRE SPRINKLER	METAL	C	INTACT	RED	ATTIC		Negative	0	0.02
11	10/28/2009 10:55	FIRE SPRINKLER	METAL	C	INTACT	RED	ATTIC		Negative	0	0.02
12	10/28/2009 11:01	WALL	DRYWALL	B	INTACT	WHITE	FIRST	LOBBIES	Negative	0	0.02
13	10/28/2009 11:02	WALL	PLASTER	C	INTACT	WHITE	FIRST	LOBBIES	Negative	0.7	0.3
14	10/28/2009 11:05	WALL	DRYWALL	A	INTACT	WHITE	FIRST	LOBBIES	Negative	0	0.02
15	10/28/2009 11:07	WALL	PLASTER	A	INTACT	WHITE	FIRST	LOBBIES	Negative	0.07	0.1
16	10/28/2009 11:08	CEILING	PLASTER	A	INTACT	WHITE	FIRST	LOBBIES	Negative	0.06	0.05
17	10/28/2009 11:12	DOOR FRAME	METAL	A	INTACT	GREY	FIRST	LOBBIES	Negative	0	0.03
18	10/28/2009 11:12	DOOR FRAME	METAL	A	INTACT	GREY	FIRST	LOBBIES	Negative	0.01	0.05
19	10/28/2009 11:12	DOOR FRAME	METAL	A	INTACT	GREY	FIRST	LOBBIES	Negative	0	0.02
20	10/28/2009 11:13	WALL	DRYWALL	A	INTACT	WHITE	FIRST	HALLS	Negative	0	0.02
21	10/28/2009 11:14	WALL	DRYWALL	B	INTACT	WHITE	FIRST	HALLS	Negative	0	0.02
22	10/28/2009 11:14	WALL	DRYWALL	B	INTACT	WHITE	FIRST	HALLS	Negative	0	0.02
23	10/28/2009 11:15	WALL	DRYWALL	B	INTACT	WHITE	FIRST	HALLS	Negative	0	0.02
		CEILING ABOVE									
24	10/28/2009 11:16	DROP	MINIBLIND	B	POOR	WHITE	FIRST	HALLS	Negative	0	0.02
25	10/28/2009 11:17	DOOR FRAME	METAL	A	INTACT	GREY	FIRST	HALLS	Negative	0.01	0.05
26	10/28/2009 11:17	DOOR FRAME	WOOD	A	INTACT	GREY	FIRST	HALLS	Negative	0.15	0.28
27	10/28/2009 11:18	DOOR FRAME	METAL	C	INTACT	GREY	FIRST	HALLS	Negative	0	0.02
28	10/28/2009 11:19	WALL	PLASTER	A	INTACT	WHITE	FIRST	ROOMS	Negative	0	0.02
29	10/28/2009 11:20	WALL	PLASTER	A	INTACT	WHITE	FIRST	ROOMS	Negative	0.04	0.03
30	10/28/2009 11:21	WALL	PLASTER	C	INTACT	WHITE	FIRST	ROOMS	Negative	0.19	0.11
31	10/28/2009 11:22	WALL	PLASTER	D	INTACT	WHITE	FIRST	ROOMS	Negative	0	0.02
32	10/28/2009 11:23	FIRE EXT BOX	METAL	D	INTACT	RED	FIRST		Negative	0.03	0.08
33	10/28/2009 11:24	ELEC BOX	METAL	D	INTACT	WHITE	FIRST		Negative	0	0.02
34	10/28/2009 11:27	WALL	BRICK	D	POOR	WHITE	FIRST	CAGED PORCHES	Negative	0.03	0.04

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35	10/28/2009 11:27	WALL	BRICK	B	POOR	WHITE	FIRST	CAGED PORCHES	Negative	0.01	0.02
36	10/28/2009 11:28	WALL	BRICK	C	POOR	WHITE	FIRST	CAGED PORCHES	Negative	0.01	0.02
37	10/28/2009 11:28	CAGE-FENCE	METAL	A	CRACKED	WHITE	FIRST	CAGED PORCHES	Positive	30.8	26.3
38	10/28/2009 11:29	CAGE-FENCE	METAL	B	CRACKED	WHITE	FIRST	CAGED PORCHES	Positive	29.1	26
39	10/28/2009 11:29	CAGE-FENCE	METAL	C	CRACKED	WHITE	FIRST	CAGED PORCHES	Positive	28.8	24.7
41	10/28/2009 11:35	WALL	PLASTER	C	CRACKED	WHITE	FIRST	STAIRWELL	Negative	0.14	0.05
43	10/28/2009 11:37	WALL	PLASTER	A	CRACKED	WHITE	FIRST	STAIRWELL	Negative	0.2	0.04
44	10/28/2009 11:38	DOOR	METAL	C	FAIR	BROWN	FIRST	STAIRWELL	Negative	0	0.02
45	10/28/2009 11:38	DOOR FRAME	METAL	C	POOR	BROWN	FIRST	STAIRWELL	Negative	0.16	0.22
46	10/28/2009 11:39	LADDER TO ATTIC	METAL	C	POOR	GREY	FIRST	STAIRWELL	Negative	0	0.02
47	10/28/2009 11:40	CAGE	METAL	C	FAIR	WHITE	FIRST	STAIRWELL	Negative	0.25	0.74
48	10/28/2009 11:40	HANDRAILS	METAL	C	POOR	BEIGE	FIRST	STAIRWELL	Negative	0.29	0.36
49	10/28/2009 11:41	HANDRAILS	METAL	C	POOR	BEIGE	FIRST	STAIRWELL	Negative	0.4	0.1
50	10/28/2009 11:42	STAIRS	METAL	B	POOR	BEIGE	FIRST	STAIRWELL	Negative	0.4	0.3
51	10/28/2009 11:45	WALL	BLOCK	D	POOR	BEIGE	BASEMENT	MECH AREA	Negative	0.05	0.06
52	10/28/2009 11:45	WALL	BRICK	A	POOR	BEIGE	BASEMENT	MECH AREA	Negative	0.01	0.02
53	10/28/2009 11:46	WALL	PLASTER	C	POOR	BEIGE	BASEMENT	MECH AREA	Negative	0.02	0.02
54	10/28/2009 11:47	FIRE SPRNKLER HANDRAIL AROUND	METAL	C	POOR	RED	BASEMENT	MECH AREA	Negative	0.02	0.11
55	10/28/2009 11:47	SUMP	METAL	C	POOR	GREY	BASEMENT	MECH AREA	Negative	0.25	0.4
56	10/28/2009 11:49	FLOOR	CONCRETE	C	POOR	GREY	BASEMENT	MECH AREA	Negative	0.27	0.03
57	10/28/2009 11:52	WALL	PLASTER	A	POOR	GREEN	BASEMENT	ROOMS	Negative	0.14	0.03
58	10/28/2009 11:53	WALL	PLASTER	C	POOR	WHITE	BASEMENT	ROOMS	Negative	0	0.02
59	10/28/2009 11:54	WALL	PLASTER	C	POOR	WHITE	BASEMENT	ROOMS	Negative	0.01	0.03
60	10/28/2009 11:55	CEILING	PLASTER	C	POOR	WHITE	BASEMENT	ROOMS	Negative	0	0.02
61	10/28/2009 11:57	DOOR FRAME	METAL	A	POOR	WHITE	BASEMENT	ROOMS	Negative	0.01	0.03
62	10/28/2009 11:57	DOOR FRAME	METAL	A	POOR	WHITE	BASEMENT	ROOMS	Negative	0	0.02

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63	10/28/2009 11:58	DOOR FRAME	METAL	A	POOR	WHITE	BASEMENT	ROOMS	Negative	0.11	0.21
64	10/28/2009 11:59	WALL	PLASTER	A	POOR	WHITE	BASEMENT	HALLWAYS	Negative	0	0.02
65	10/28/2009 11:59	WALL	PLASTER	A	POOR	WHITE	BASEMENT	HALLWAYS	Negative	0	0.02
66	10/28/2009 12:00	WALL	PLASTER	A	POOR	WHITE	BASEMENT	HALLWAYS	Positive	1.3	0.3
67	10/28/2009 12:01	WALL	PLASTER	B	POOR	WHITE	BASEMENT	HALLWAYS	Positive	1.4	0.3
68	10/28/2009 12:02	DOOR FRAME	METAL	B	POOR	WHITE	BASEMENT	HALLWAYS	Positive	3.1	2
69	10/28/2009 12:02	DOOR FRAME	METAL	B	POOR	WHITE	BASEMENT	HALLWAYS	Negative	0.03	0.07
70	10/28/2009 12:03	FIRE EXT BOX	METAL	B	POOR	RED	BASEMENT	HALLWAYS	Negative	0.05	0.1
71	10/28/2009 12:03	ELECTRICAL PANEL CRAWLSPACE	METAL	B	INTACT	WHITE	BASEMENT	HALLWAYS	Positive	4.5	3.2
72	10/28/2009 12:04	ACCESS DOOR	METAL	A	FAIR	WHITE	BASEMENT	HALLWAYS	Positive	2.9	1.1
73	10/28/2009 12:20	ATTIC VENTS	WOOD	C	POOR	WHITE	EXTERIOR		Positive	23.2	22.2
74	10/28/2009 12:21	HANDRAILS	WOOD	C	FAIR	BLACK	EXTERIOR		Negative	0.11	0.42
75	10/28/2009 12:22	DOOR	METAL	C	POOR	WHITE	EXTERIOR		Negative	0	0.02
76	10/28/2009 12:22	DOOR FRAME	METAL	C	POOR	WHITE	EXTERIOR		Negative	0	0.02
178	10/28/2009 15:52	POSTCAL							Positive	1	0.1
179	10/28/2009 15:52	POSTCAL							Negative	0.9	0.1
180	10/28/2009 15:52	POSTCAL							Negative	0.9	0.1

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

INSPECTED BY:
MICHELLE CORREIA

XRF TESTING DATA SHEETS
V.A. MEDICAL CENTER
TUSCALOOSA, AL

BUILDING # 39
SELC PROJECT # 2009-1073

Readin	Time	Component	Substrate	Side	Condition	Color	Floor	Room	Results	PbC	PbC Error
1	11/25/2009 8:44									4.11	0
2	11/25/2009 8:48	PRECAL A	1.04	RANG	0.8-1.2				Positive	1	0.1
3	11/25/2009 8:49	PRECAL B	1.04	RANG	0.8-1.2				Positive	1	0.1
4	11/25/2009 8:50	PRECAL C	1.04	RANG	0.8-1.2				Positive	1	0.1
250	11/25/2009 13:41	CEILING	PLASTER	A	INTACT	WHITE	BASEMENT	HALLWAY	Negative	0.3	0.07
251	11/25/2009 13:42	PIPE	METAL	D	INTACT	RED	BASEMENT	HALLWAY	Negative	0.01	0.05
252	11/25/2009 13:44	DOOR	METAL	A	POOR	WHITE	BASEMENT	HALLWAY	Negative	0.11	0.3
253	11/25/2009 13:44	DOOR FRAME	METAL	A	POOR	WHITE	BASEMENT	HALLWAY	Negative	0	0.03
255	11/25/2009 13:44	FLOOR	CONCRETE	A	POOR	BROWN	BASEMENT	HALLWAY	Negative	0.01	0.02
256	11/25/2009 13:47	FLOOR	CONCRETE	A	POOR	BROWN	BASEMENT	HALLWAY	Negative	0.5	0.5
257	11/25/2009 13:48	DOOR	WOOD	B	POOR	WHITE	BASEMENT	HALLWAY	Positive	1.6	0.6
258	11/25/2009 13:49	DOOR FRAME	METAL	B	POOR	WHITE	BASEMENT	HALLWAY	Positive	2.2	1.1
260	11/25/2009 13:52	CEILING	PLASTER	B	POOR	WHITE	BASEMENT	HALLWAY	Negative	0.9	0.2
261	11/25/2009 13:53	PIPE LG	METAL	B	INTACT	RED	BASEMENT	HALLWAY	Negative	0	0.02
262	11/25/2009 13:54	WALL ELEVATOR	PLASTER	A	INTACT	WHITE	BASEMENT	HALLWAY	Negative	0	0.02
263	11/25/2009 13:55	DOOR	METAL	D	FAIR	WHITE	BASEMENT	HALLWAY	Negative	0.01	0.05
264	11/25/2009 13:56	FIRE DOOR	WOOD	C	POOR	RED	BASEMENT	HALLWAY	Negative	0.1	0.18
266	11/25/2009 13:57	FIRE FLOOR	CONCRETE	C	FAIR	WHITE	BASEMENT	HALLWAY	Negative	0.07	0.05
267	11/25/2009 13:58	DOOR FRAME	METAL	C	FAIR	WHITE	BASEMENT	HALLWAY	Positive	3.4	2.2
268	11/25/2009 14:00	WALL	PLASTER	C	POOR	WHITE	BASEMENT	OFFICES	Positive	1.7	0.7
269	11/25/2009 14:01	COLUMN	CONCRETE	C	POOR	WHITE	BASEMENT	OFFICES	Positive	1.5	0.5
270	11/25/2009 14:01	DOOR	WOOD	A	POOR	WHITE	BASEMENT	OFFICES	Positive	1.3	0.3
271	11/25/2009 14:04	DOOR FRAME WINDOW	METAL	A	POOR	WHITE	BASEMENT	OFFICES	Positive	1.2	0.2
272	11/25/2009 14:04	FRAME	METAL	C	FAIR	WHITE	BASEMENT	OFFICES	Positive	10.1	8.8
273	11/25/2009 14:05	WINDOW SILL	WOOD	C	POOR	WHITE	BASEMENT	OFFICES	Positive	1.6	0.5
274	11/25/2009 14:07	WALL	PLASTER	C	POOR	WHITE	BASEMENT	OFFICES	Negative	0	0.02
275	11/25/2009 14:08	CEILING WINDOW	CONCRETE	C	FAIR	WHITE	BASEMENT	OFFICES	Positive	1.8	0.8
276	11/25/2009 14:10	FRAME	WOOD	D	FAIR	WHITE	BASEMENT	OFFICES	Negative	0.02	0.1
277	11/25/2009 14:11	DOOR FRAME	METAL	B	POOR	WHITE	BASEMENT	OFFICES	Positive	7	5.9
279	11/25/2009 14:13	DOOR FRAME WINDOW IN	METAL	C	POOR	WHITE	BASEMENT	OFFICES	Positive	5.1	3.4
280	11/25/2009 14:14	DOOR	METAL	C	FAIR	WHITE	BASEMENT	OFFICES	Negative	0.01	0.05
281	11/25/2009 14:27	WALL	PLASTER	B	FAIR	WHITE	BASEMENT	STAIRWELL	Positive	1.6	0.6

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282	11/25/2009 14:28	CEILING	PLASTER	B	POOR	WHITE	BASEMENT	STAIRWELL	Positive	1.9	0.9
283	11/25/2009 14:29	DOOR	METAL	A	POOR	BROWN	BASEMENT	STAIRWELL	Negative	0.3	0.32
285	11/25/2009 14:30	DOOR FRAME	METAL	A	POOR	WHITE	BASEMENT	STAIRWELL	Positive	1.7	0.7
286	11/25/2009 14:30	FLOOR	CONCRETE	A	POOR	BROWN	BASEMENT	STAIRWELL	Negative	0	0.03
289	11/25/2009 14:32	FLOOR	PLASTER	A	POOR	BROWN	BASEMENT	STAIRWELL	Negative	0.4	0.1
291	11/25/2009 14:33	STRINGER	CONCRETE	A	POOR	BROWN	BASEMENT	STAIRWELL	Negative	0.02	0.02
294	11/25/2009 14:34	RISER	CONCRETE	A	POOR	BROWN	BASEMENT	STAIRWELL	Negative	0	0.02
295	11/25/2009 14:35	CAGE	METAL	D	POOR	WHITE	BASEMENT	STAIRWELL	Positive	2.5	1.1
296	11/25/2009 14:35	HANDRAIL	METAL	D	POOR	BROWN	BASEMENT	STAIRWELL	Negative	0.17	0.23
298	11/25/2009 14:50	WALL	PLASTER	A	INTACT	WHITE	FIRST	STAIRWELL	Positive	1.6	0.6
299	11/25/2009 14:51	DOOR	METAL	A	INTACT	BROWN	FIRST	STAIRWELL	Negative	0.26	0.25
300	11/25/2009 14:51	DOOR FRAME WINDOW	METAL	A	FAIR	WHITE	FIRST	STAIRWELL	Positive	5.1	3.5
301	11/25/2009 14:52	FRAME	METAL	C	FAIR	WHITE	FIRST	STAIRWELL	Positive	12	9.9
302	11/25/2009 14:54	WINDOW SILL WINDOW	WOOD	C	FAIR	WHITE	FIRST	STAIRWELL	Negative	0.27	0.27
303	11/25/2009 14:54	SASH RADIATOR	WOOD	C	FAIR	WHITE	FIRST	STAIRWELL	Negative	0.4	0.2
304	11/25/2009 14:55	PANEL	METAL	C	INTACT	WHITE	FIRST	STAIRWELL	Negative	0.3	0.44
305	11/25/2009 14:56	CAGE	METAL	D	POOR	WHITE	FIRST	STAIRWELL	Positive	1.7	0.6
306	11/25/2009 14:56	HANDRAIL	METAL	D	POOR	BROWN	FIRST	STAIRWELL	Negative	0.7	0.3
308	11/25/2009 14:57	STRINGER	CONCRETE	D	POOR	WHITE	FIRST	STAIRWELL	Negative	0.02	0.03
309	11/25/2009 15:00	CEILING	PLASTER	D	INTACT	WHITE	FIRST	STAIRWELL	Positive	1.2	0.2
310	11/25/2009 15:04	WALL	PLASTER	B	INTACT	WHITE	FIRST	HALLWAY	Positive	1.1	0.2
311	11/25/2009 15:04	DOOR FRAME	METAL	B	POOR	BEIGE	FIRST	HALLWAY	Positive	2.6	1.1
312	11/25/2009 15:05	FIRE DOOR FIRE DOOR	WOOD	A	FAIR	RED	FIRST	HALLWAY	Negative	0.06	0.11
313	11/25/2009 15:06	FLOOR FIRE DOOR	PLASTER	A	FAIR	WHITE	FIRST	HALLWAY	Negative	0.04	0.04
314	11/25/2009 15:07	FRAME	METAL	A	INTACT	BEIGE	FIRST	HALLWAY	Negative	0.5	0.4
315	11/25/2009 15:08	WALL	PLASTER	D	INTACT	WHITE	FIRST	HALLWAY	Negative	0.01	0.02
317	11/25/2009 15:09	COLUMN	PLASTER	B	INTACT	WHITE	FIRST	HALLWAY	Positive	1.5	0.5
318	11/25/2009 15:10	FIRE DOOR FIRE DOOR	WOOD	C	FAIR	RED	FIRST	HALLWAY	Negative	0.03	0.08
319	11/25/2009 15:11	FRAME	METAL	C	INTACT	BEIGE	FIRST	HALLWAY	Positive	2.1	1
321	11/25/2009 15:13	WALL	PLASTER	D	INTACT	WHITE	FIRST	HALLWAY	Positive	1.5	0.5
322	11/25/2009 15:13	DOOR FRAME	METAL	D	POOR	BEIGE	FIRST	HALLWAY	Negative	0.07	0.26

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323	11/25/2009 15:14	DOOR PANEL	METAL	D	POOR	BEIGE	FIRST	HALLWAY	Negative	0.02	0.09
324	11/25/2009 15:15	WALL	PLASTER	D	INTACT	WHITE	FIRST	OFFICES	Negative	0.21	0.07
325	11/25/2009 15:16	DOOR FRAME WINDOW	METAL	D	FAIR	BEIGE	FIRST	OFFICES	Negative	0	0.02
326	11/25/2009 15:16	FRAME	METAL	A	INTACT	WHITE	FIRST	OFFICES	Positive	11.7	9.7
327	11/25/2009 15:17	WINDOW SILL	WOOD	A	INTACT	WHITE	FIRST	OFFICES	Negative	0.5	0.5
328	11/25/2009 15:20	WALL	PLASTER	D	INTACT	WHITE	FIRST	OFFICES	Positive	1.1	0.2
329	11/25/2009 15:21	DOOR FRAME WINDOW	METAL	D	INTACT	BEIGE	FIRST	OFFICES	Positive	2.4	1
330	11/25/2009 15:21	FRAME	METAL	B	INTACT	WHITE	FIRST	OFFICES	Positive	15.3	10.5
331	11/25/2009 15:23	WINDOW SILL WINDOW	WOOD	B	INTACT	WHITE	FIRST	OFFICES	Negative	0.8	0.2
332	11/25/2009 15:23	SASH WINDOW	WOOD	B	INTACT	WHITE	FIRST	OFFICES	Negative	0.07	0.06
333	11/25/2009 15:24	FRAME	WOOD	C	POOR	WHITE	FIRST	OFFICES	Negative	0.01	0.06
334	11/25/2009 15:31	WALL	PLASTER	D	INTACT	WHITE	FIRST	OFFICES	Negative	0.02	0.07
335	11/25/2009 15:32	DOOR FRAME WINDOW	METAL	D	FAIR	BEIGE	FIRST	OFFICES	Negative	0	0.02
336	11/25/2009 15:32	FRAME	METAL	A	INTACT	WHITE	FIRST	OFFICES	Positive	5.4	3.5
337	11/25/2009 15:33	WINDOW SILL WINDOW	WOOD	A	INTACT	WHITE	FIRST	OFFICES	Negative	0	0.02
338	11/25/2009 15:34	SASH	WOOD	A	INTACT	WHITE	FIRST	OFFICES	Positive	1.3	0.3
339	11/25/2009 15:38	WALL	PLASTER	C	INTACT	WHITE	SECOND	STAIRWELL	Positive	1.6	0.6
340	11/25/2009 15:39	DOOR	METAL	C	INTACT	BROWN	SECOND	STAIRWELL	Negative	0.08	0.13
342	11/25/2009 15:40	DOOR FRAME WINDOW	METAL	C	FAIR	BEIGE	SECOND	STAIRWELL	Positive	1.8	0.8
343	11/25/2009 15:41	FRAME	METAL	C	FAIR	WHITE	SECOND	STAIRWELL	Positive	8	6.5
344	11/25/2009 15:41	WINDOW SILL WINDOW	WOOD	C	FAIR	WHITE	SECOND	STAIRWELL	Positive	1.5	0.5
345	11/25/2009 15:42	SASH RADIATOR	WOOD	C	FAIR	WHITE	SECOND	STAIRWELL	Negative	0.23	0.15
346	11/25/2009 15:43	PANEL	METAL	C	INTACT	WHITE	SECOND	STAIRWELL	Negative	0.3	0.61
347	11/25/2009 15:43	CAGE	METAL	D	POOR	WHITE	SECOND	STAIRWELL	Positive	2.5	1.1
348	11/25/2009 15:44	CEILING	PLASTER	D	POOR	WHITE	SECOND	STAIRWELL	Positive	1.4	0.4
349	11/25/2009 15:46	WALL	PLASTER	D	INTACT	WHITE	SECOND	HALLWAY	Negative	0.01	0.02
350	11/25/2009 15:47	DOOR FRAME	METAL	B	POOR	BEIGE	SECOND	HALLWAY	Positive	1.9	0.9
351	11/25/2009 15:47	HANDRAIL	WOOD	B	FAIR	BEIGE	SECOND	HALLWAY	Negative	0	0.02

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352	11/25/2009 15:51	WALL	PLASTER	C	INTACT	WHITE	SECOND	HALLWAY	Negative	0.06	0.07
353	11/25/2009 15:53	DOOR	METAL	D	FAIR	BEIGE	SECOND	HALLWAY	Negative	0.9	0.2
354	11/25/2009 15:54	HANDRAIL	WOOD	A	FAIR	BEIGE	SECOND	HALLWAY	Negative	0.01	0.1
355	11/25/2009 15:55	FIRE BOX	WOOD	C	FAIR	RED	SECOND	HALLWAY	Negative	0.04	0.09
356	11/25/2009 15:55	FIRE BOX FRAME	METAL	C	FAIR	BEIGE	SECOND	HALLWAY	Positive	2.3	1.1
357	11/25/2009 15:56	WALL	PLASTER	A	INTACT	WHITE	SECOND	HALLWAY	Negative	0.03	0.05
358	11/25/2009 15:57	HANDRAIL	WOOD	A	FAIR	BEIGE	SECOND	HALLWAY	Negative	0	0.02
359	11/25/2009 15:58	DOOR FRAME	METAL	D	FAIR	BEIGE	SECOND	HALLWAY	Positive	2	0.9
360	11/25/2009 16:00	WALL	PLASTER	B	INTACT	BEIGE	SECOND	OFFICES	Positive	1.3	0.3
361	11/25/2009 16:01	DOOR FRAME	METAL	B	INTACT	BEIGE	SECOND	OFFICES	Positive	1.5	0.5
362	11/25/2009 16:02	WINDOW FRAME	METAL	A	INTACT	WHITE	SECOND	OFFICES	Positive	14	10.6
363	11/25/2009 16:04	WINDOW SILL	WOOD	A	INTACT	WHITE	SECOND	OFFICES	Positive	1	0.1
364	11/25/2009 16:05	SASH	WOOD	D	INTACT	WHITE	SECOND	OFFICES	Negative	0.1	0.11
366	11/25/2009 16:06	WALL	PLASTER	D	INTACT	WHITE	SECOND	OFFICES	Negative	0.01	0.03
367	11/25/2009 16:08	DOOR FRAME	METAL	A	INTACT	BEIGE	SECOND	OFFICES	Negative	0.7	0.3
368	11/25/2009 16:08	WINDOW FRAME	METAL	C	INTACT	WHITE	SECOND	OFFICES	Positive	13.3	9.8
369	11/25/2009 16:11	WINDOW SILL	WOOD	C	INTACT	WHITE	SECOND	OFFICES	Positive	1	0.1
375	11/25/2009 16:15	SASH	WOOD	C	INTACT	WHITE	SECOND	OFFICES	Positive	1	0.1
376	11/25/2009 16:17	WALL	PLASTER	C	INTACT	BEIGE	SECOND	OFFICES	Negative	0	0.02
378	11/25/2009 16:18	DOOR FRAME	METAL	B	POOR	BEIGE	SECOND	OFFICES	Positive	11	7.5
379	11/25/2009 16:19	WINDOW FRAME	METAL	A	INTACT	WHITE	SECOND	OFFICES	Positive	12.3	10
380	11/25/2009 16:20	WINDOW SILL	WOOD	A	INTACT	WHITE	SECOND	OFFICES	Negative	0.7	0.3
381	11/25/2009 16:21	DOOR	WOOD	C	INTACT	BEIGE	SECOND	OFFICES	Positive	6.7	4.9
382	11/25/2009 16:22	DOOR FRAME	METAL	C	FAIR	BEIGE	SECOND	OFFICES	Positive	5.6	2.8
383	11/25/2009 16:24	DOOR FRAME	WOOD	A	POOR	WHITE	SECOND	STORAGE	Positive	28.5	24.4
384	11/25/2009 16:25	DOOR	WOOD	A	POOR	WHITE	SECOND	STORAGE	Positive	17.2	10.7
385	11/25/2009 16:26	WINDOW	METAL	D	POOR	WHITE	SECOND	STORAGE	Positive	29	26.7
386	11/25/2009 16:27	CAGE	METAL	D	POOR	GRAY	SECOND	STORAGE	Positive	23.9	22.7
387	11/25/2009 16:28	CEILING	CONCRETE	D	INTACT	WHITE	SECOND	STORAGE	Negative	0.04	0.07
389	11/25/2009 16:32	BASEBOARD	CONCRETE	D	POOR	YELLOW	SECOND	STORAGE	Positive	1.1	0.2

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390	11/25/2009 16:33	FLOOR	CONCRETE	D	POOR	BEIGE	SECOND	STORAGE	Negative	0.5	0.4
391	11/25/2009 16:37	HANDRAIL	METAL	A	POOR	BLACK	EXTERIOR	OUTSIDE	Negative	0.18	0.81
392	11/25/2009 16:38	LINTEL	METAL	A	POOR	WHITE	EXTERIOR	OUTSIDE	Positive	40.7	31.2
393	11/25/2009 16:41	HANDRAIL	METAL	A	POOR	BLACK	EXTERIOR	OUTSIDE	Negative	0	0.02
394	11/25/2009 16:42	DOWNSPOUT	METAL	C	POOR	BLACK	EXTERIOR	OUTSIDE	Positive	2.3	1.3
395	11/25/2009 16:42	DOOR	METAL	C	FAIR	WHITE	EXTERIOR	OUTSIDE	Negative	0.01	0.06
396	11/25/2009 16:43	DOOR FRAME	METAL	C	POOR	WHITE	EXTERIOR	OUTSIDE	Negative	0	0.02
397	11/25/2009 16:45	WALL	BLOCK	C	INTACT	WHITE	BASEMENT	MECH ROOM	Negative	0.28	0.64
398	11/25/2009 16:45	COLUMN	PLASTER	C	INTACT	WHITE	BASEMENT	MECH ROOM	Negative	0	0.02
399	11/25/2009 16:46	DOOR FRAME WINDOW	METAL	C	POOR	BEIGE	BASEMENT	MECH ROOM	Positive	1.4	0.4
400	11/25/2009 16:46	FRAME	METAL	C	POOR	WHITE	BASEMENT	MECH ROOM	Positive	10.9	8.9
401	11/25/2009 16:47	FLOOR	CONCRETE	C	POOR	GRAY	BASEMENT	MECH ROOM	Negative	0.03	0.03
402	11/25/2009 16:47	PIPE	METAL	C	POOR	RED	BASEMENT	MECH ROOM	Negative	0.3	0.34
403	11/25/2009 16:47	DOOR	METAL	C	POOR	BEIGE	BASEMENT	MECH ROOM	Negative	0	0.02
404	11/25/2009 16:48	DOOR FRAME	METAL	C	POOR	BEIGE	BASEMENT	MECH ROOM	Negative	0	0.02
405	11/25/2009 16:49	POSTCAL A	1.04		0.8-1.2				Negative	0.9	0.1
406	11/25/2009 16:50	POSTCAL B	1.04		0.8-1.2				Negative	0.9	0.1
407	11/25/2009 16:51	POSTCAL C	1.04		0.8-1.2				Negative	0.9	0.1

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SELC PROJECT # 2009-1073

Readin	Time	Component	Substrate	Side	Condition	Color	Floor	Room	Results	PbC	PbC Error
2	11/11/2009 9:06	PRECAL	1.04	RANGE	0.8-1.2				Negative	0.9	0.1
3	11/11/2009 9:06	PRECAL B	1.04	RANGE	0.8-1.2				Positive	1.1	0.1
4	11/11/2009 9:07	PRECAL C	1.04	RANGE	0.8-1.2				Positive	1	0.1
5	11/11/2009 9:12	WALL	DRYWALL	A	INTACT	WALLPAPER	BASEMENT	HALLWAY	Negative	0	0.02
6	11/11/2009 9:14	WALL	DRYWALL	C	INTACT	WHITE	BASEMENT	HALLWAY	Negative	0	0.02
7	11/11/2009 9:16	WALL	PLASTER	B	INTACT	WALLPAPER	BASEMENT	HALLWAY	Positive	1.7	0.6
8	11/11/2009 9:17	WALL	PLASTER	A	INTACT	WALLPAPER	BASEMENT	FOYER	Positive	7.7	5.8
9	11/11/2009 9:18	DOOR	WOOD	B	INTACT	BROWN STAINED	BASEMENT	FOYER	Negative	0.02	0.12
10	11/11/2009 9:18	DOOR FRAME	WOOD	B	POOR	WHITE	BASEMENT	FOYER	Positive	2.7	1.3
11	11/11/2009 9:21	TRANSOM	WOOD	B	FAIR	WHITE	BASEMENT	FOYER	Positive	8.7	4.3
14	11/11/2009 9:22	CEILING	PLASTER	B	POOR	WHITE	BASEMENT	FOYER	Negative	0.5	0.5
16	11/11/2009 9:23	CEILING	PLASTER	B	POOR	WHITE	BASEMENT	FOYER	Negative	-0.01	0.84
17	11/11/2009 9:25	CAGE ABOVE DOOR	METAL	C	INTACT	WHITE	BASEMENT	FOYER	Positive	5.9	4.9
18	11/11/2009 9:25	DOOR	WOOD	C	INTACT	WHITE	BASEMENT	FOYER	Negative	0.22	0.42
19	11/11/2009 9:25	DOOR FRAME	WOOD	C	INTACT	WHITE	BASEMENT	FOYER	Positive	5.3	3.2
20	11/11/2009 9:26	DOOR	METAL	A	INTACT	BEIGE	BASEMENT	HALLWAY	Negative	0	0.02
21	11/11/2009 9:27	DOOR FRAME	METAL	A	INTACT	BEIGE	BASEMENT	HALLWAY	Negative	0.01	0.05
22	11/11/2009 9:28	SIGN FRAME	DRYWALL	A	INTACT	BEIGE	BASEMENT	HALLWAY	Negative	0	0.02
23	11/11/2009 9:29	WINDOW	WOOD	A	INTACT	WHITE	BASEMENT	HALLWAY	Positive	6.3	3.4
24	11/11/2009 9:29	WINDOW FRAME	WOOD	A	INTACT	WHITE	BASEMENT	HALLWAY	Positive	6.2	3.5
25	11/11/2009 9:29	WINDOW SILL	WOOD	A	INTACT	WHITE	BASEMENT	HALLWAY	Negative	0	0.02
26	11/11/2009 9:34	NEWEL POST	METAL	D	FAIR	WHITE	BASEMENT	STAIRWELL	Negative	0	0.02
27	11/11/2009 9:35	BALASTRADE	METAL	D	INTACT	WHITE	BASEMENT	STAIRWELL	Negative	0.08	0.23
28	11/11/2009 9:36	STRINGER	WOOD	D	INTACT	WHITE	BASEMENT	STAIRWELL	Negative	0.01	0.04
29	11/11/2009 9:37	WALL	PLASTER	B	INTACT	WHITE	BASEMENT	STAIRWELL	Positive	10.2	8.5
30	11/11/2009 9:37	WINDOW	WOOD	D	INTACT	WHITE	BASEMENT	STAIRWELL	Positive	1.7	0.6
31	11/11/2009 9:38	WINDOW FRAME	WOOD	D	INTACT	WHITE	BASEMENT	STAIRWELL	Positive	1.5	0.3
32	11/11/2009 9:38	WINDOW SILL	WOOD	D	INTACT	WHITE	BASEMENT	STAIRWELL	Positive	2.2	1
33	11/11/2009 9:40	WALL	PLASTER	C	INTACT	WHITE	FIRST	STAIRWELL	Negative	0	0.02

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

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TUSCALOOSA, AL

BUILDING # 4
SELC PROJECT # 2009-1073

34	11/11/2009 9:40	DOOR	WOOD	B	INTACT	WHITE	FIRST	STAIRWELL	Negative	0.02	0.1
35	11/11/2009 9:40	DOOR FRAME	WOOD	B	INTACT	WHITE	FIRST	STAIRWELL	Positive	1.5	0.4
36	11/11/2009 9:42	WALL	PLASTER	D	INTACT	YELLOW	FIRST	AUDITORIUM	Negative	0	0.02
37	11/11/2009 9:42	WALL	PLASTER	B	INTACT	YELLOW	FIRST	AUDITORIUM	Positive	9.8	8.7
38	11/11/2009 9:44	CHAIR RAIL WALL BELOW	WOOD	B	INTACT	WHITE	FIRST	AUDITORIUM	Positive	12.1	8.8
39	11/11/2009 9:45	CHAIR RAIL	WOOD	B	INTACT	WHITE	FIRST	AUDITORIUM	Positive	14.7	9.6
40	11/11/2009 9:45	BASEBOARD	WOOD	B	INTACT	WHITE	FIRST	AUDITORIUM	Positive	5.4	2.9
41	11/11/2009 9:45	COLUMN	WOOD	B	INTACT	WHITE	FIRST	AUDITORIUM	Positive	24.2	21.5
42	11/11/2009 9:47	CABINET CABINET	WOOD	A	INTACT	WHITE	FIRST	AUDITORIUM	Positive	14.1	9.5
43	11/11/2009 9:47	DOOR	WOOD	A	INTACT	WHITE	FIRST	AUDITORIUM	Positive	17.9	10.6
44	11/11/2009 9:48	BAR	WOOD	A	INTACT	BLACK	FIRST	AUDITORIUM	Negative	0	0.03
45	11/11/2009 9:48	SPLIT DOOR SPLIT DOOR	WOOD	A	POOR	WHITE	FIRST	AUDITORIUM	Negative	0.14	0.45
46	11/11/2009 9:49	SHELF	WOOD	A	POOR	WHITE	FIRST	AUDITORIUM	Negative	0	0.03
47	11/11/2009 9:52	WALL	DRYWALL	A	INTACT	YELLOW	FIRST	FOYER	Negative	0	0.02
48	11/11/2009 9:53	WINDOW WINDOW	WOOD	A	INTACT	WHITE	FIRST	FOYER	Positive	10	7.7
49	11/11/2009 9:53	FRAME	WOOD	A	FAIR	WHITE	FIRST	FOYER	Positive	5.7	2.9
50	11/11/2009 9:54	RADIATOR	METAL	A	POOR	WHITE	FIRST	FOYER	Negative	0.4	0.5
51	11/11/2009 9:55	WALL	PLASTER	B	INTACT	YELLOW	FIRST	FOYER	Positive	7.3	5.6
52	11/11/2009 9:56	DOOR	WOOD	A	INTACT	WHITE	FIRST	FOYER	Negative	0	0.02
53	11/11/2009 9:56	DOOR FRAME	WOOD	A	INTACT	WHITE	FIRST	FOYER	Positive	6.4	4.8
54	11/11/2009 9:57	DOOR	METAL	A	POOR	WHITE	FIRST	OFFICES	Negative	0.06	0.13
55	11/11/2009 9:57	DOOR FRAME	WOOD	B	FAIR	WHITE	FIRST	OFFICES	Positive	5.2	3.2
56	11/11/2009 9:59	WALL	PLASTER	B	FAIR	WHITE	FIRST	OFFICES	Positive	1.8	0.8
57	11/11/2009 10:00	BASEBOARD	WOOD	B	POOR	WHITE	FIRST	OFFICES	Positive	8.5	7
58	11/11/2009 13:41	MIDCAL	1.04		0.8-1.2		FIRST		Positive	1.5	0.5
59	11/11/2009 13:41	MIDCAL	1.04		0.8-1.2		FIRST		Positive	1.6	0.6
60	11/11/2009 13:44									4.56	0
61	11/11/2009 13:50	PRECAL	1.04		0.8-1.2				Positive	1	0.1
63	11/11/2009 13:51	PRECAL B	1.04		0.8-1.2				Negative	0.9	0.1
64	11/11/2009 13:52	PRECAL C	1.04		0.8-1.2				Negative	0.9	0.1
65	11/11/2009 14:01	DOOR CLOSET	WOOD	D	FAIR	WHITE	FIRST	FOYER	Negative	0.19	0.36
66	11/11/2009 14:02	CEILING	DRYWALL	C	FAIR	WHITE	FIRST	FOYER	Negative	0	0.02

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

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V.A. MEDICAL CENTER
TUSCALOOSA, AL

BUILDING # 4
SELC PROJECT # 2009-1073

		CLOSET									
67	11/11/2009 14:04	FLOOR	CONCRETE	C	FAIR	GRAY	FIRST	FOYER	Negative	0.19	0.13
68	11/11/2009 14:06	RADIATOR	METAL	D	INTACT	BEIGE	FIRST	FOYER	Negative	0.08	0.2
69	11/11/2009 14:06	CEILING	PLASTER	D	INTACT	WHITE	FIRST	FOYER	Negative	0.11	0.83
70	11/11/2009 14:07	WINDOW	WOOD	D	CRACKED	WHITE	FIRST	FOYER	Positive	9.8	7.5
		WINDOW									
71	11/11/2009 14:07	FRAME	WOOD	D	FAIR	WHITE	FIRST	FOYER	Positive	5.6	4.6
72	11/11/2009 14:08	NEWEL POST	METAL	B	POOR	WHITE	FIRST	FOYER	Positive	8.9	6.7
73	11/11/2009 14:08	BALASTRADE	METAL	B	POOR	WHITE	FIRST	FOYER	Positive	4.8	3.7
74	11/11/2009 14:09	STRINGER	WOOD	A	INTACT	WHITE	FIRST	FOYER	Positive	4.9	3.6
75	11/11/2009 14:12	LADDER	METAL	B	POOR	WHITE	SECOND	MECH ROOM	Positive	8.3	6.6
77	11/11/2009 14:13	WALL	PLASTER	A	INTACT	WHITE	SECOND	MECH ROOM	Negative	0.7	0.1
82	11/11/2009 14:17	CEILING	PLASTER	A	POOR	WHITE	SECOND	MECH ROOM	Negative	-0.14	0.88
83	11/11/2009 14:19	ATTIC DOOR	WOOD	A	POOR	WHITE	SECOND	MECH ROOM	Positive	15	10.8
		ATTIC DOOR									
84	11/11/2009 14:20	FRAME	METAL	A	POOR	WHITE	SECOND	MECH ROOM	Positive	9.1	4.9
86	11/11/2009 14:21	DOOR	WOOD	A	FAIR	YELLOW	SECOND	MECH ROOM	Positive	2.5	1.1
88	11/11/2009 14:21	DOOR FRAME	WOOD	A	FAIR	YELLOW	SECOND	MECH ROOM	Positive	2.9	1.3
89	11/11/2009 14:22	WALL	PLASTER	A	FAIR	YELLOW	SECOND	MECH ROOM	Negative	0.3	0.65
90	11/11/2009 14:22	SHELF	WOOD	A	FAIR	YELLOW	SECOND	MECH ROOM	Negative	0	0.03
91	11/11/2009 14:23	HVAC PANEL	WOOD	D	INTACT	YELLOW	SECOND	MECH ROOM	Negative	0	0.03
92	11/11/2009 14:29	WALL	PLASTER	D	INTACT	BLACK	FIRST	STAGE	Negative	0.02	0.88
93	11/11/2009 14:29	WALL RACK	WOOD	D	INTACT	BLACK	FIRST	STAGE	Positive	6.2	4.9
95	11/11/2009 14:29	DOOR	WOOD	D	INTACT	BLACK	FIRST	STAGE	Negative	0.13	0.87
96	11/11/2009 14:31	DOOR FRAME	WOOD	D	INTACT	BLACK	FIRST	STAGE	Negative	0.28	0.71
97	11/11/2009 14:32	WINDOW	METAL	C	POOR	BLACK	FIRST	STAGE	Positive	3.1	1.8
		WINDOW									
98	11/11/2009 14:32	FRAME	METAL	C	POOR	WHITE	FIRST	STAGE	Positive	1.5	0.3
99	11/11/2009 15:45	LADDER	METAL	C	POOR	GRAY	FIRST	STAGE	Negative	0	0.02
100	11/11/2009 15:46	DOOR	WOOD	C	FAIR	BLACK	FIRST	STAGE	Positive	3.3	1.5
101	11/11/2009 15:46	DOOR FRAME	WOOD	C	FAIR	BLACK	FIRST	STAGE	Positive	7.2	5.2
102	11/11/2009 15:46	BASEBOARD	WOOD	C	FAIR	BLACK	FIRST	STAGE	Positive	8.2	6.8
103	11/11/2009 15:47	FIRE BOX	WOOD	A	FAIR	RED	FIRST	STAGE	Negative	0.02	0.07
104	11/11/2009 15:47	COLUMN	WOOD	A	FAIR	WHITE	FIRST	STAGE	Positive	12.1	9.3
105	11/11/2009 15:48	LIGHT COVER	METAL	A	FAIR	WHITE	FIRST	STAGE	Negative	0.11	0.83
106	11/11/2009 15:49	FLOOR TRIM	METAL	A	FAIR	WHITE	FIRST	STAGE	Negative	0.03	0.17
107	11/11/2009 15:50	WALL	PLASTER	C	INTACT	YELLOW	FIRST	HALLWAY	Positive	2	1

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

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BUILDING # 4
SELC PROJECT # 2009-1073

108	11/11/2009 15:51	WINDOW	METAL	C	POOR	WHITE	FIRST	HALLWAY	Positive	3.7	2.6
109	11/11/2009 15:51	WINDOW SILL	PLASTER	C	FAIR	YELLOW	FIRST	HALLWAY	Negative	-0.67	1.62
110	11/11/2009 15:52	WINDOW SILL	PLASTER	C	FAIR	YELLOW	FIRST	HALLWAY	Negative	0.4	0.6
112	11/11/2009 15:54	CEILING	PLASTER	C	FAIR	YELLOW	FIRST	HALLWAY	Positive	3.9	2.8
113	11/11/2009 15:55	HANDRAIL	METAL	C	POOR	GRAY	FIRST	HALLWAY	Positive	2.1	0.9
114	11/11/2009 15:56	TREAD	METAL	C	POOR	GRAY	FIRST	HALLWAY	Positive	3.4	2
115	11/11/2009 15:56	PIPE	METAL	C	POOR	YELLOW	FIRST	HALLWAY	Negative	0.13	0.87
116	11/11/2009 15:59	HANDRAIL	METAL	C	FAIR	BLACK	FIRST	AUDITORIUM	Negative	0.17	0.66
117	11/11/2009 15:59	RISER	WOOD	C	FAIR	WHITE	FIRST	AUDITORIUM	Negative	-0.59	1.43
118	11/11/2009 16:06	HANDRAIL	METAL	A	POOR	BLACK	FIRST	EXTERIOR	Negative	0.6	0.3
119	11/11/2009 16:06	NEWEL POST	METAL	A	POOR	BLACK	FIRST	EXTERIOR	Positive	4.7	2.7
120	11/11/2009 16:07	BALASTRADE	METAL	A	POOR	BLACK	FIRST	EXTERIOR	Positive	7	5.5
121	11/11/2009 16:07	CNTR HNDRL	METAL	A	POOR	BLACK	FIRST	EXTERIOR	Negative	0	0.02
122	11/11/2009 16:08	DOOR	WOOD	A	INTACT	WHITE	FIRST	EXTERIOR	Negative	0	0.02
123	11/11/2009 16:08	DOOR FRAME	WOOD	A	CRACKED	WHITE	FIRST	EXTERIOR	Positive	39.6	30
124	11/11/2009 16:09	COLUMN	WOOD	A	CRACKED	WHITE	FIRST	EXTERIOR	Positive	44.1	32.8
125	11/11/2009 16:09	PIPE	WOOD	A	POOR	WHITE	FIRST	EXTERIOR	Negative	0.07	0.28
126	11/11/2009 16:10	WINDOW WINDOW	WOOD	A	POOR	WHITE	FIRST	EXTERIOR	Positive	27.8	23.1
127	11/11/2009 16:10	FRAME	WOOD	A	POOR	WHITE	FIRST	EXTERIOR	Positive	12.4	8.8
128	11/11/2009 16:12	HANDRAIL	METAL	A	POOR	BLACK	BASEMENT	EXTERIOR	Negative	0.14	0.24
129	11/11/2009 16:14	HANDRAIL	METAL	B	POOR	BLACK	FIRST	EXTERIOR	Negative	0.09	0.22
130	11/11/2009 16:14	HANDRAIL	METAL	B	POOR	BLACK	FIRST	EXTERIOR	Negative	0.3	0.45
131	11/11/2009 16:14	NEWEL POST	METAL	B	POOR	BLACK	FIRST	EXTERIOR	Positive	6.9	5.6
132	11/11/2009 16:15	BALASTRADE	METAL	B	POOR	BLACK	FIRST	EXTERIOR	Positive	4.9	3.8
133	11/11/2009 16:15	AWNNG	METAL	B	POOR	BLACK	FIRST	EXTERIOR	Negative	0.1	0.15
134	11/11/2009 16:16	TRANSOM	METAL	B	POOR	BLACK	FIRST	EXTERIOR	Positive	6.2	4.6
135	11/11/2009 16:17	DOOR	WOOD	B	POOR	WHITE	FIRST	EXTERIOR	Negative	0.01	0.04
136	11/11/2009 16:17	DOOR FRAME	WOOD	B	POOR	WHITE	FIRST	EXTERIOR	Positive	52.5	36.7
137	11/11/2009 16:17	COLUMN	WOOD	B	POOR	WHITE	FIRST	EXTERIOR	Positive	4.4	2.7
138	11/11/2009 16:18	THREHOLD	CONCRETE	B	POOR	GRAY	FIRST	EXTERIOR	Positive	1.5	0.5
139	11/11/2009 16:20	POST	METAL	B	INTACT	BLACK	FIRST	EXTERIOR	Negative	0	0.02
140	11/11/2009 16:21	BUMPER FIRE	METAL	B	FAIR	BLACK	FIRST	EXTERIOR	Negative	0	0.02
141	11/11/2009 16:21	HYDRANT	METAL	B	POOR	RED	FIRST	EXTERIOR	Negative	0.6	0.1

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BUILDING # 4
SELC PROJECT # 2009-1073

		FIRE										
142	11/11/2009 16:22	HYDRANT	METAL	B	POOR	RED	FIRST	EXTERIOR	Positive	1.4	0.4
143	11/11/2009 16:34	WALL	BRICK	C	POOR	WHITE	FIRST	EXTERIOR	Positive	19.3	12.8
144	11/11/2009 16:38	HEADER	METAL	C	POOR	WHITE	FIRST	EXTERIOR	Positive	37.5	29.2
145	11/11/2009 16:39	AWNING	METAL	C	POOR	BLACK	FIRST	EXTERIOR	Negative	0	0.02
146	11/11/2009 16:41	WALL	BRICK	D	POOR	WHITE	FIRST	EXTERIOR	Positive	12.9	10.3
147	11/11/2009 16:41	DOOR	METAL	D	INTACT	WHITE	FIRST	EXTERIOR	Negative	0.01	0.04
148	11/11/2009 16:42	DOOR FRAME	METAL	D	INTACT	WHITE	FIRST	EXTERIOR	Negative	0	0.02
149	11/11/2009 16:48	POSTCAL	1.04		0.8-1.2				Positive	1.2	0.2
150	11/11/2009 16:49	POSTCAL B	1.04		0.8-1.2				Negative	0.9	0.1
151	11/11/2009 16:50	POSTCAL C	1.04		0.8-1.2				Positive	1	0.1
2	11/16/2009 13:04	PRECAL A	1.04	RANGE	0.8-1.02				Positive	1.1	0.1
3	11/16/2009 13:05	PRECAL B	1.04	RANGE	0.8-1.02				Positive	1	0.1
4	11/16/2009 13:06	PRECAL C	1.04	RANGE	0.8-1.02				Positive	1	0.1
5	11/16/2009 13:16	WALL	DRYWALL	C	INTACT	WALLPAPER	BASEMENT	OFFICES	Negative	0	0.02
6	11/16/2009 13:18	COLUMN	METAL	B	INTACT	WALLPAPER	BASEMENT	OFFICES	Negative	0.03	0.04
7	11/16/2009 13:20	WALL TO 7C	WOOD	B	INTACT	BEIGE	BASEMENT	OFFICES	Negative	0	0.03
8	11/16/2009 13:21	DOOR FRAME	METAL	B	FAIR	BEIGE	BASEMENT	OFFICES	Negative	0	0.03
9	11/16/2009 13:23	WALL	BRICK	C	INTACT	YELLOW	BASEMENT	STORAGE	Negative	0.04	0.07
10	11/16/2009 13:24	WALL	DRYWALL	A	INTACT	YELLOW	BASEMENT	STORAGE	Negative	0	0.02
11	11/16/2009 13:24	SHELF	WOOD	B	INTACT	YELLOW	BASEMENT	STORAGE	Negative	0	0.03
		SHELF									
12	11/16/2009 13:25	SUPPORT	WOOD	B	INTACT	YELLOW	BASEMENT	STORAGE	Negative	0	0.02
13	11/16/2009 13:28	WALL	DRYWALL	A	INTACT	WALLPAPER	BASEMENT	HALLWAY	Negative	0	0.02
14	11/16/2009 13:28	DOOR FRAME	METAL	A	INTACT	BEIGE	BASEMENT	HALLWAY	Negative	0	0.02
15	11/16/2009 13:29	COLUMN	METAL	A	INTACT	WALLPAPER	BASEMENT	HALLWAY	Negative	0.18	0.18
16	11/16/2009 13:31	WINDOW	WOOD	B	INTACT	WHITE	BASEMENT	OFFICES	Positive	7.4	6.3
		WINDOW									
17	11/16/2009 13:32	FRAME	WOOD	B	INTACT	WHITE	BASEMENT	OFFICES	Positive	5.3	2.8
18	11/16/2009 13:35	WALL	DRYWALL	A	INTACT	WHITE	BASEMENT	BATHROOM	Negative	0	0.02
19	11/16/2009 13:36	DOOR FRAME	METAL	A	POOR	YELLOW	BASEMENT	BATHROOM	Negative	0.01	0.06
20	11/16/2009 13:38	FIRE BOX	METAL	A	POOR	RED	BASEMENT	FOYER	Negative	0.3	0.7
		FIRE BOX									
21	11/16/2009 13:40	FRAME	METAL	A	POOR	RED	BASEMENT	FOYER	Negative	0.5	0.4
151	11/16/2009 17:06	POSTCAL A	1.04		0.8-1.2				Positive	1	0.1
152	11/16/2009 17:07	POSTCAL B	1.04		0.8-1.2				Positive	1.1	0.1
153	11/16/2009 17:08	POSTCAL C	1.04		0.8-1.2				Positive	1	0.1

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

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V. A. MEDICAL CENTER
TUSCALOOSA, AL

BUILDING # 40
SELC PROJECT # 2009-1073

Reading No	Time	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	FLOOR	ROOM	Results	PbC	PbC Error
	BUILDING # 40 - OFFICES										
2	10/26/2009 12:11	PRECAL							Negative	0.9	0.1
3	10/26/2009 12:12	PRECAL							Negative	0.9	0.1
4	10/26/2009 12:12	PRECAL							Positive	1	0.1
77	10/26/2009 14:58	WINDOW	METAL	A	POOR	WHITE	ELEVATOR RM		Positive	6.1	4.8
78	10/26/2009 14:58	WINDOW	METAL	A	POOR	WHITE	ELEVATOR RM		Positive	6.9	5.3
79	10/26/2009 14:59	DUCTS	METAL	A	INTACT	GREEN	ELEVATOR RM		Negative	0.25	0.65
80	10/26/2009 14:59	FENCE	METAL	A	INTACT	GREEN	ELEVATOR RM		Negative	0.5	0.3
81	10/26/2009 15:01	FLOOR	CONCRETE	A	INTACT	GREY	ELEVATOR RM		Negative	0.12	0.07
82	10/26/2009 15:01	STAIRS SMALL ACCES	CONCRETE	A	INTACT	GREY	ELEVATOR RM		Negative	0.16	0.08
83	10/26/2009 15:02	DOOR	CONCRETE	B	INTACT	GREEN	ELEVATOR RM		Negative	0.29	0.38
84	10/26/2009 15:03	DOOR	METAL	B	INTACT	GREY	ELEVATOR RM		Negative	0.3	0.54
85	10/26/2009 15:03	DOOR FRAME	METAL	B	INTACT	GREY	ELEVATOR RM		Positive	5.5	3.9
86	10/26/2009 15:04	WINDOW STRUTURAL I	WOOD	D	INTACT	WHITE			Positive	18.4	11.1
87	10/26/2009 15:05	BEAM STRUTURAL I	METAL	D	INTACT	TAN			Positive	14.4	10.5
88	10/26/2009 15:06	BEAM STRUTURAL I	METAL	D	INTACT	TAN			Positive	18.4	12.1
89	10/26/2009 15:06	BEAM	METAL	D	INTACT	TAN			Positive	10.1	8.7
90	10/26/2009 15:07	FIRE SPRINKLER	METAL	D	INTACT	RED			Negative	0	0.02
91	10/26/2009 15:08	HANDRAIL	METAL	D	INTACT	BLACK			Positive	3.8	2.5
92	10/26/2009 15:09	DOOR	METAL	D	INTACT	GREY			Negative	0	0.02
93	10/26/2009 15:10	DOOR FRAME	METAL	D	INTACT	GREY			Negative	0	0.02
94	10/26/2009 15:19	WALL	PLASTER	A	INTACT	WHITE	HALLWAY		Positive	1.5	0.4
95	10/26/2009 15:19	WALL	PLASTER	B	INTACT	WHITE	HALLWAY		Positive	1.4	0.4
96	10/26/2009 15:20	WALL	PLASTER	B	INTACT	WHITE	HALLWAY		Positive	1.4	0.3
97	10/26/2009 15:21	DOOR	WOOD	B	INTACT	BROWN STAINED	HALLWAY		Negative	0	0.03
98	10/26/2009 15:23	DOOR FRAME	METAL	B	INTACT	GREY	HALLWAY		Positive	1	0.2
99	10/26/2009 15:29	WALL	PLASTER	B	INTACT	WHITE	OFFICES		Positive	1	0.2
100	10/26/2009 15:30	WALL	PLASTER	A	INTACT	WHITE	OFFICES		Positive	1.5	0.5
101	10/26/2009 15:31	WALL	PLASTER	D	INTACT	WHITE	OFFICES		Positive	1.3	0.3

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

INSPECTED BY:
MICHELLE CORREIA

XRF TESTING DATA SHEETS
V. A. MEDICAL CENTER
TUSCALOOSA, AL

BUILDING # 40
SELC PROJECT # 2009-1073

		CEILING ABOVE									
102	10/26/2009 15:34	DROP	PLASTER	D	INTACT	WHITE	OFFICES		Positive	1.1	0.2
104	10/26/2009 15:36	WINDOW SILL	WOOD	D	INTACT	WHITE	OFFICES		Negative	0.3	0.23
105	10/26/2009 15:37	DOOR	WOOD	D	INTACT	BROWN STAINED	OFFICES		Negative	0	0.02
106	10/26/2009 15:38	DOOR FRAME	METAL	D	INTACT	GREY	OFFICES		Negative	0	0.02
107	10/26/2009 15:40	WALL	PLASTER	A	INTACT	WHITE	OFFICES		Negative	0.28	0.12
109	10/26/2009 15:42	WALL	PLASTER	B	INTACT	WHITE	OFFICES		Positive	1.3	0.3
110	10/26/2009 15:43	WALL	DRYWALL	C	INTACT	WHITE	OFFICES		Negative	0	0.02
111	10/26/2009 15:45	CEILING	PLASTER	C	INTACT	WHITE	OFFICES		Positive	1.1	0.2
112	10/26/2009 15:46	DOOR	WOOD	A	INTACT	BROWN STAINED	OFFICES		Negative	0.03	0.08
113	10/26/2009 15:47	DOOR FRAME	METAL	A	INTACT	WHITE	OFFICES		Negative	-0.4	1.39
115	10/26/2009 15:48	WINDOW SILL	WOOD	A	INTACT	WHITE	OFFICES		Negative	0.16	0.11
117	10/26/2009 15:50	WALL	PLASTER	A	INTACT	WHITE	HALLWAY		Positive	1.3	0.3
118	10/26/2009 15:51	DOOR	METAL	A	INTACT	BROWN	HALLWAY		Negative	0.5	0.5
119	10/26/2009 15:51	DOOR FRAME	METAL	A	INTACT	BROWN	HALLWAY		Positive	5	3.4
120	10/26/2009 15:52	FIRE CABINET DOOR	WOOD	A	INTACT	RED	HALLWAY		Negative	0.11	0.28
121	10/26/2009 15:54	WALL	PLASTER	A	INTACT	WHITE	STAIRWELL		Positive	1.3	0.3
123	10/26/2009 15:55	CEILING	PLASTER	A	INTACT	WHITE	STAIRWELL		Positive	1.4	0.4
124	10/26/2009 15:56	WINDOW SILL	WOOD	A	INTACT	WHITE	STAIRWELL		Positive	3.8	2.8
125	10/26/2009 15:56	METAL CAGE	METAL	A	INTACT	WHITE	STAIRWELL		Positive	1.4	0.4
126	10/26/2009 15:57	DOOR	METAL	A	INTACT	BROWN	STAIRWELL		Negative	0	0.02
127	10/26/2009 15:57	DOOR FRAME	METAL	A	INTACT	WHITE	STAIRWELL		Positive	3.9	2.6
128	10/26/2009 15:59	HANDRAIL	METAL	A	INTACT	BROWN	STAIRWELL		Negative	0	0.02
129	10/26/2009 16:22	POSTCAL							Negative	0.9	0.1
130	10/26/2009 16:22	POSTCAL							Negative	0.9	0.1
131	10/26/2009 16:22	POSTCAL							Negative	0.9	0.1
1	1/18/2010 16:57									0	0.74
2	1/18/2010 16:58	PRECAL	1.04						1.14	0.1	1.1
3	1/18/2010 16:58	PRECAL B	1.04						1.18	0.1	1.1
4	1/18/2010 16:59	PRECAL C	1.04						1.15	0.1	1.1
5	1/18/2010 17:02	HANDRAIL	METAL	A	POOR	BLACK	OUTSIDE	BLDG 40	10	1.01	0.4
6	1/18/2010 17:03	NEWEL POST	METAL	A	POOR	BLACK	OUTSIDE	BLDG 40	6.41	0.57	0.15
7	1/18/2010 17:04	WINDOW LINTEL	METAL	A	POOR	WHITE	OUTSIDE	BLDG 40	2.28	31.7	4.8
8	1/18/2010 17:06	DOWNSPOUT	METAL	D	POOR	BLACK	OUTSIDE	BLDG 40	1.21	0.3	0.7

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

INSPECTED BY: **XRF TESTING DATA SHEETS** **BUILDING # 40**

MICHELLE CORREIA **V. A. MEDICAL CENTER** **SELC PROJECT # 2009-1073**

TUSCALOOSA, AL

9	1/18/2010 17:07	HANDRAIL	METAL		D	POOR	BLACK	OUTSIDE	BLDG 40	1	0.02	0
10	1/18/2010 17:08	NEWEL POST	METAL		D	POOR	BLACK	OUTSIDE	BLDG 40	1	0.02	0
11	1/18/2010 17:08	DOOR	METAL		D	INTACT	GRAY	OUTSIDE	BLDG 40	1.06	0.02	0
12	1/18/2010 17:09	DOOR FRAME	METAL		D	FAIR	GRAY	OUTSIDE	BLDG 40	1	0.02	0
13	1/18/2010 17:10	AWNING	METAL		D	POOR	WHITE	OUTSIDE	BLDG 40	1.76	0.02	0.01
14	1/18/2010 17:10	AWNING SUPPORT	METAL		D	POOR	WHITE	OUTSIDE	BLDG 40	1	0.02	0
15	1/18/2010 17:12	HANDRAIL-FENCE	METAL		D	POOR	BLACK	OUTSIDE	BLDG 40	1	0.02	0
16	1/18/2010 17:12	NEWEL POST	METAL		D	POOR	BLACK	OUTSIDE	BLDG 40	1	0.02	0
17	1/18/2010 17:13	DOOR	METAL		D	POOR	WHITE	OUTSIDE	BLDG 40	5.38	0.08	0.02
18	1/18/2010 17:13	DOOR FRAME	METAL		D	POOR	WHITE	OUTSIDE	BLDG 40	1	0.02	0
19	1/18/2010 17:16	AWNING	METAL		C	POOR	RED	OUTSIDE	BLDG 40	1	0.02	0
20	1/18/2010 17:17	DOWNSPOUT	METAL		C	POOR	BLACK	OUTSIDE	BLDG 40	1.3	0.6	1.8
21	1/18/2010 17:18	DOOR	METAL		C	POOR	GRAY	OUTSIDE	BLDG 40	1	0.02	0
22	1/18/2010 17:18	DOOR FRAME	METAL		C	POOR	WHITE	OUTSIDE	BLDG 40	1	0.02	0
23	1/18/2010 17:19	HANDRAIL	METAL		C	INTACT	BLACK	OUTSIDE	BLDG 40	1	0.02	0
24	1/18/2010 17:20	NEWEL POST	METAL		C	INTACT	BLACK	OUTSIDE	BLDG 40	1	0.02	0
25	1/18/2010 17:20	NEWEL POST	METAL		C	INTACT	BLACK	OUTSIDE	BLDG 40	1	0.02	0
26	1/18/2010 17:20	BALUSTRADE	METAL		C	INTACT	BLACK	OUTSIDE	BLDG 40	1	0.02	0
27	1/18/2010 17:23	POSTCAL A		1.04						1.16	0.1	1.1
28	1/18/2010 17:23	POSTCAL B		1.04						1.09	0.1	0.9
29	1/18/2010 17:24	POSTCAL C		1.04						1.05	0.1	0.9

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INSPECTED BY:
MICHELLE CORREIA

XRF TESTING DATA SHEETS
V.A. MEDICAL CENTER
TUSCALOOSA, AL

BUILDING # 41
SELC PROJECT # 2009-1073

Readin	Time	Component	Substrate	Side	Condition	Color	Floor	Room	Results	PbC	PbC Error
1	10/28/2009 10:41									4.62	0
2	10/28/2009 10:42	PRECAL							Positive	1	0.1
3	10/28/2009 10:43	PRECAL							Negative	0.9	0.1
4	10/28/2009 10:43	PRECAL							Positive	1.1	0.1
142	10/28/2009 14:43	WALL	BRICK	A	INTACT	WHITE	FIRST		Negative	0.01	0.02
143	10/28/2009 14:46	WALL	BRICK	B	INTACT	WHITE	FIRST		Negative	0.02	0.02
144	10/28/2009 14:47	WALL	BRICK	C	INTACT	WHITE	FIRST		Negative	0.02	0.02
145	10/28/2009 14:48	WINDOW	METAL	C	POOR	WHITE	FIRST		Positive	9.5	8.5
146	10/28/2009 14:48	WINDOW	METAL	C	POOR	WHITE	FIRST		Positive	14.3	10.4
147	10/28/2009 14:49	WINDOW	METAL	B	POOR	WHITE	FIRST		Positive	5.5	3.9
148	10/28/2009 14:51	WALL	PLASTER	B	INTACT	WHITE	FIRST	BATHROOM	Positive	1.2	0.2
149	10/28/2009 14:52	CEILING	PLASTER	B	INTACT	WHITE	FIRST	BATHROOM	Negative	0.17	0.05
150	10/28/2009 14:53	DOOR	WOOD	B	INTACT	WHITE	FIRST	BATHROOM	Negative	0.3	0.55
151	10/28/2009 14:53	DOOR FRAME	METAL	B	INTACT	WHITE	FIRST	BATHROOM	Negative	0.4	0.5
152	10/28/2009 14:55	CLOSET DOOR	WOOD	B	INTACT	WHITE	FIRST	BATHROOM	Negative	0.28	0.65
153	10/28/2009 14:56	CLOSET DOOR FRAME	METAL	B	INTACT	WHITE	FIRST	BATHROOM	Negative	0.4	0.5
154	10/28/2009 14:57	WATER PIPE	METAL	B	INTACT	WHITE	FIRST	BATHROOM	Negative	0.12	0.14
155	10/28/2009 14:58	FIRE EXT CAB DOOR	WOOD	C	INTACT	RED	FIRST	BATHROOM	Negative	0.5	0.3
156	10/28/2009 15:31	WALL	BLOCK	C	INTACT	WHITE	BASEMENT	GARAGE BAYS	Negative	0.02	0.02
157	10/28/2009 15:32	WALL	CONCRETE	B	INTACT	WHITE	BASEMENT	GARAGE BAYS	Negative	0.03	0.02
158	10/28/2009 15:34	WALL	BLOCK	A	INTACT	WHITE	BASEMENT		Negative	0.08	0.06
159	10/28/2009 15:35	WALL	WOOD	B	INTACT	WHITE	BASEMENT	OFFICE	Negative	0	0.02
160	10/28/2009 15:35	DOOR	WOOD	B	INTACT	GREY	BASEMENT	OFFICE	Negative	0.07	0.13
161	10/28/2009 15:35	DOOR FRAME	WOOD	B	INTACT	GREY	BASEMENT	OFFICE	Negative	0	0.02
162	10/28/2009 15:36	LOCKUP CAGE	METAL	B	INTACT	TAN	BASEMENT	OFFICE	Positive	2.2	1
163	10/28/2009 15:37	WINDOW	METAL	B	INTACT	WHITE	BASEMENT		Positive	2.2	1.1
164	10/28/2009 15:38	CEILING	CONCRETE	B	INTACT	WHITE	BASEMENT		Positive	1.4	0.4
165	10/28/2009 15:39	FIRE PRINKLER	METAL	B	INTACT	RED	BASEMENT		Negative	0.2	0.22
166	10/28/2009 15:40	COLUMN	CONCRETE	B	INTACT	WHITE	BASEMENT		Positive	1.8	0.6
167	10/28/2009 15:41	WINDOW	METAL	D	POOR	WHITE	FIRST	EXTERIOR	Positive	27.1	24.8
168	10/28/2009 15:42	WINDOW	METAL	A	POOR	WHITE	FIRST	EXTERIOR	Negative	0.24	0.17
169	10/28/2009 15:42	WINDOW	METAL	A	POOR	WHITE	FIRST	EXTERIOR	Positive	13.3	10.4
170	10/28/2009 15:43	BRICKS AROUND DOOR FRAME	BRICK	A	POOR	WHITE	FIRST	EXTERIOR	Negative	0.04	0.03

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BUILDING # 41
SELC PROJECT # 2009-1073

171	10/28/2009 15:44	EAVES	WOOD	A	POOR	WHITE	FIRST	EXTERIOR	Positive	26.7	25.2
172	10/28/2009 15:45	SOFFIT	WOOD	A	POOR	WHITE	FIRST	EXTERIOR	Positive	26.6	25
178	10/28/2009 15:52	POSTCAL	WOOD	A	POOR	WHITE	FIRST	EXTERIOR	Positive	1	0.1
179	10/28/2009 15:52	POSTCAL	WOOD	A	POOR	WHITE	FIRST	EXTERIOR	Negative	0.9	0.1
180	10/28/2009 15:52	POSTCAL	WOOD	A	POOR	WHITE	FIRST	EXTERIOR	Negative	0.9	0.1

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TUSCALOOSA, AL

BUILDING # 46
SELC PROJECT # 2009-1073

Readi	Time	Component	Substrate	Side	Condition	Color	Floor	Room	Results	PbC	PbC Error
1	11/16/2009 13:00									4.92	0
2	11/16/2009 13:04	PRECAL A	1.04	RANGE	0.8-1.02				Positive	1.1	0.1
3	11/16/2009 13:05	PRECAL B	1.04	RANGE	0.8-1.02				Positive	1	0.1
4	11/16/2009 13:06	PRECAL C	1.04	RANGE	0.8-1.02				Positive	1	0.1
22	11/16/2009 13:48	WALL	BLOCK	A	INTACT	WHITE	BASEMENT	AUDITORIUM	Negative	0.4	0.6
23	11/16/2009 13:49	ARCH	WOOD	A	INTACT	BEIGE	BASEMENT	AUDITORIUM	Negative	0.06	0.17
24	11/16/2009 13:50	PANEL	WOOD	B	INTACT	WHITE	BASEMENT	AUDITORIUM	Negative	0.01	0.05
25	11/16/2009 13:51	CEILING	WOOD	C	INTACT	WHITE	BASEMENT	AUDITORIUM	Negative	0.02	0.12
26	11/16/2009 13:53	CEILING TRIM	WOOD	C	INTACT	WHITE	BASEMENT	AUDITORIUM	Negative	0.01	0.07
27	11/16/2009 13:59	WALL	PLASTER	A	INTACT	WHITE	BASEMENT	FOYER	Negative	0	0.02
28	11/16/2009 14:01	DOOR FRAME	METAL	D	INTACT	WHITE	BASEMENT	FOYER	Negative	0	0.02
29	11/16/2009 14:06	WALL	BLOCK	A	INTACT	WHITE	BASEMENT	HALLWAY	Negative	0.01	0.02
30	11/16/2009 14:08	DOOR	WOOD	A	INTACT	BEIGE	BASEMENT	HALLWAY	Negative	0.02	0.07
31	11/16/2009 14:10	DOOR FRAME	WOOD	A	INTACT	BEIGE	BASEMENT	HALLWAY	Negative	0.07	0.18
32	11/16/2009 14:13	WALL	DRYWALL	A	INTACT	WHITE	BASEMENT	OFFICES	Negative	0.02	0.09
33	11/16/2009 14:15	DOOR	WOOD	A	INTACT	WHITE	BASEMENT	OFFICES	Negative	0.02	0.11
34	11/16/2009 14:17	DOOR FRAME	WOOD	A	INTACT	WHITE	BASEMENT	OFFICES	Negative	0.01	0.04
35	11/16/2009 14:20	WALL	DRYWALL	B	INTACT	WHITE	BASEMENT	OFFICES	Negative	0.4	0.6
36	11/16/2009 14:21	DOOR	WOOD	A	INTACT	BEIGE	BASEMENT	OFFICES	Negative	0.04	0.11
37	11/16/2009 14:22	DOOR	METAL	A	INTACT	BEIGE	BASEMENT	OFFICES	Negative	0	0.02
38	11/16/2009 14:24	WINDOW SILL	WOOD	C	INTACT	WHITE	BASEMENT	OFFICES	Negative	0.05	0.19
39	11/16/2009 14:27	WALL	BLOCK	D	INTACT	WHITE	BASEMENT	OFFICES	Negative	0.01	0.02
40	11/16/2009 14:28	DOOR	METAL	D	INTACT	BEIGE	BASEMENT	OFFICES	Negative	0.05	0.13
41	11/16/2009 14:28	DOOR FRAME	METAL	D	INTACT	BEIGE	BASEMENT	OFFICES	Negative	0	0.03
42	11/16/2009 14:29	WINDOW SILL	WOOD	B	INTACT	WHITE	BASEMENT	OFFICES	Negative	0.07	0.32
43	11/16/2009 14:29	FLOOR	CONCRETE	B	POOR	GRAY	BASEMENT	OFFICES	Negative	0.01	0.02
44	11/16/2009 14:30	PIPE	METAL	A	INTACT	WHITE	BASEMENT	OFFICES	Negative	0.02	0.04
45	11/16/2009 14:30	RADIATOR	METAL	B	INTACT	WHITE	BASEMENT	OFFICES	Negative	0.03	0.11
46	11/16/2009 14:32	FIRE DOOR	METAL	C	FAIR	RED	BASEMENT	HALLWAY	Negative	0.02	0.06
47	11/16/2009 14:33	FIRE DOOR FRAME	METAL	C	FAIR	BEIGE	BASEMENT	HALLWAY	Negative	0.01	0.05
48	11/16/2009 14:36	WALL	BRICK	B	INTACT	WHITE	BASEMENT	STORAGE	Negative	0	0.02
49	11/16/2009 14:37	COAT RACK	WOOD	A	INTACT	WHITE	BASEMENT	STORAGE	Negative	0.05	0.17
50	11/16/2009 14:38	STORAGE BOX	METAL	A	INTACT	WHITE	BASEMENT	STORAGE	Positive	1	0.1
51	11/16/2009 14:38	PIPE	METAL	A	INTACT	WHITE	BASEMENT	STORAGE	Negative	0.02	0.07
52	11/16/2009 14:39	FLOOR	CONCRETE	A	POOR	GRAY	BASEMENT	STORAGE	Negative	0.02	0.05
53	11/16/2009 14:43	SOFFIT	WOOD	A	POOR	WHITE	BASEMENT	EXTERIOR	Positive	11.5	8.2

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54	11/16/2009 14:44	FASCIA	WOOD		A	POOR	WHITE	BASEMENT	EXTERIOR	Positive	12.5	8.9
55	11/16/2009 14:45	DOWNSPOUT	METAL		A	FAIR	BLACK	BASEMENT	EXTERIOR	Positive	2.2	1.1
56	11/16/2009 14:48	CEILING	CONCRETE		A	FAIR	WHITE	EXTERIOR	PORCH	Negative	0.02	0.03
57	11/16/2009 14:50	TRIM	WOOD		A	POOR	WHITE	EXTERIOR	PORCH	Positive	11.7	8.2
58	11/16/2009 14:53	CEILING	CONCRETE		A	INTACT	WHITE	BASEMENT	FOYER	Negative	0.01	0.03
59	11/16/2009 14:57	SIGN	METAL		A	FAIR	GRAY	EXTERIOR	EXTERIOR	Positive	1.6	0.5
60	11/16/2009 14:57	SIGN POST	METAL		A	FAIR	GRAY	EXTERIOR	EXTERIOR	Negative	0	0.02
61	11/16/2009 14:58	SIGN FRAME	WOOD		A	POOR	BLACK	EXTERIOR	EXTERIOR	Negative	0.01	0.05
151	11/16/2009 17:06	POSTCAL A		1.04		0.8-1.2				Positive	1	0.1
152	11/16/2009 17:07	POSTCAL B		1.04		0.8-1.2				Positive	1.1	0.1
153	11/16/2009 17:08	POSTCAL C		1.04		0.8-1.2				Positive	1	0.1

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TUSCALOOSA, AL

BUILDING # 5
SELC PROJECT # 2009-1073

Readin	Time	Component	Substrate	Side	Condition	Color	Floor	Room	Results	PbC	PbC Erro
2	11/16/2009 13:04	PRECAL A	1.04	RAN(	0.8-1.02				Positive	1.1	0.1
3	11/16/2009 13:05	PRECAL B	1.04	RAN(	0.8-1.02				Positive	1	0.1
4	11/16/2009 13:06	PRECAL C	1.04	RAN(	0.8-1.02				Positive	1	0.1
62	11/16/2009 15:29	DOOR	WOOD	A	CRACKED	WHITE	EXTERIOR	FRONT PORCH	Negative	0.02	0.09
63	11/16/2009 15:29	DOOR FRAME	WOOD	A	POOR	WHITE	EXTERIOR	FRONT PORCH	Positive	1.5	0.5
64	11/16/2009 15:30	SIDE TRANSOM	WOOD	A	POOR	WHITE	EXTERIOR	FRONT PORCH	Positive	3	1.9
65	11/16/2009 15:31	TOP TRANSOM	WOOD	A	POOR	WHITE	EXTERIOR	FRONT PORCH	Negative	0.6	0.4
66	11/16/2009 15:32	CEILING	WOOD	A	POOR	WHITE	EXTERIOR	FRONT PORCH	Negative	0.03	0.17
67	11/16/2009 15:33	SOFFIT	WOOD	A	POOR	WHITE	EXTERIOR	FRONT PORCH	Positive	1.3	0.2
68	11/16/2009 15:34	FASCIA	WOOD	A	POOR	WHITE	EXTERIOR	FRONT PORCH	Negative	0.5	0.5
69	11/16/2009 15:35	COLUMN	WOOD	A	POOR	WHITE	EXTERIOR	FRONT PORCH	Negative	0.4	0.5
70	11/16/2009 15:36	COLUMN SQUARE	WOOD	A	POOR	WHITE	EXTERIOR	FRONT PORCH	Positive	1.7	0.6
71	11/16/2009 15:36	HANDRAIL	METAL	A	POOR	BLACK	EXTERIOR	FRONT PORCH	Negative	0.01	0.04
72	11/16/2009 15:37	BALUSTRADE	METAL	A	POOR	BLACK	EXTERIOR	FRONT PORCH	Negative	0	0.02
73	11/16/2009 15:38	NEWEL POST	METAL	A	POOR	BLACK	EXTERIOR	FRONT PORCH	Positive	3.6	2
77	11/16/2009 15:42	THRESHOLD	CONCRETE	B	POOR	GRAY	EXTERIOR	FRONT PORCH	Positive	2.1	0.8
78	11/16/2009 15:44	THRESHOLD	CONCRETE	A	POOR	GRAY	EXTERIOR	FRONT PORCH	Negative	0.02	0.02
79	11/16/2009 15:46	DOOR	METAL	B	FAIR	WHITE	EXTERIOR	FRONT PORCH	Negative	0	0.02
80	11/16/2009 15:48	DOOR FRAME	METAL	B	FAIR	WHITE	EXTERIOR	FRONT PORCH	Negative	0.03	0.09
81	11/16/2009 15:49	COLUMN ROUND	WOOD	B	CRACKED	WHITE	EXTERIOR	FRONT PORCH	Negative	0.14	0.55
83	11/16/2009 15:50	COLUMN SQUARE	WOOD	B	CRACKED	WHITE	EXTERIOR	FRONT PORCH	Negative	0.29	0.41
		COLUMN SQUARE									
84	11/16/2009 15:50	RPT	WOOD	B	CRACKED	WHITE	EXTERIOR	FRONT PORCH	Positive	10.7	8.2
85	11/16/2009 15:51	FLOOR	CONCRETE	B	POOR	GRAY	EXTERIOR	FRONT PORCH	Negative	0.02	0.02
86	11/16/2009 15:52	HANDRAIL	METAL	B	POOR	BLACK	EXTERIOR	FRONT PORCH	Negative	0	0.02
87	11/16/2009 15:53	COLUMN BASE	CONCRETE	B	POOR	GRAY	EXTERIOR	FRONT PORCH	Negative	0.7	0.1
88	11/16/2009 15:53	BALUSTRADE	METAL	B	POOR	BLACK	EXTERIOR	FRONT PORCH	Negative	0	0.02
89	11/16/2009 15:54	NEWEL POST	METAL	B	POOR	BLACK	EXTERIOR	FRONT PORCH	Positive	3.8	2.1
90	11/16/2009 15:55	CEILING	WOOD	B	POOR	WHITE	EXTERIOR	FRONT PORCH	Negative	0	0.02
91	11/16/2009 15:58	CEILING TRIM	WOOD	B	POOR	WHITE	EXTERIOR	FRONT PORCH	Positive	11.7	7.7
92	11/16/2009 16:00	WINDOW HEADER	METAL	B	POOR	WHITE	EXTERIOR	FRONT PORCH	Negative	0.5	0.4
93	11/16/2009 16:02	FRAME	METAL	C	POOR	WHITE	EXTERIOR	FRONT PORCH	Negative	0	0.03
95	11/16/2009 16:03	DOOR LINTEL	METAL	C	POOR	WHITE	EXTERIOR	FRONT PORCH	Negative	0.01	0.07
98	11/16/2009 16:04	DOOR LINTEL	METAL	C	POOR	RED	EXTERIOR	FRONT PORCH	Negative	0	0.02
99	11/16/2009 16:05	CEILING	CONCRETE	C	FAIR	WHITE	EXTERIOR	FRONT PORCH	Negative	0	0.02

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

INSPECTED BY: **XRF TESTING DATA SHEETS** **BUILDING # 5**

MICHELLE CORREIA **V.A. MEDICAL CENTER** **SELC PROJECT # 2009-1073**

TUSCALOOSA, AL

100	11/16/2009 16:06	ELEVATOR DOOR	METAL	C	FAIR	WHITE	EXTERIOR	FRONT PORCH	Negative	0	0.02
101	11/16/2009 16:06	ELEVATOR DOOR FRAME	METAL	C	FAIR	WHITE	EXTERIOR	FRONT PORCH	Negative	0	0.02
102	11/16/2009 16:07	HANDRAIL	METAL	C	POOR	BLACK	EXTERIOR	FRONT PORCH	Negative	0.01	0.05
104	11/16/2009 16:09	DOOR TRIM	WOOD	C	FAIR	WHITE	EXTERIOR	FRONT PORCH	Positive	3	1.9
105	11/16/2009 16:13	WALL	PLASTER	B	INTACT	WHITE	BASEMENT	FOYER	Negative	0.13	0.11
106	11/16/2009 16:13	CEILING	PLASTER	B	INTACT	WHITE	BASEMENT	FOYER	Negative	0.06	0.07
107	11/16/2009 16:14	DOOR	WOOD	C	INTACT	WHITE	BASEMENT	FOYER	Negative	0	0.02
108	11/16/2009 16:14	DOOR FRAME	WOOD	C	INTACT	WHITE	BASEMENT	FOYER	Negative	0	0.03
109	11/16/2009 16:15	DOOR FRAME	METAL	A	INTACT	WHITE	BASEMENT	FOYER	Positive	7.2	3.9
110	11/16/2009 16:15	DOOR	WOOD	A	INTACT	WHITE	BASEMENT	FOYER	Negative	0.7	0.3
111	11/16/2009 16:16	WALL	PLASTER	D	INTACT	WHITE	BASEMENT	FOYER	Negative	0	0.02
112	11/16/2009 16:18	WALL	BLOCK	A	CRACKED	WHITE	BASEMENT	STAIRWELL	Negative	0	0.02
113	11/16/2009 16:18	CEILING UNDER STAIR	DRYWALL	A	CRACKED	WHITE	BASEMENT	STAIRWELL	Negative	0	0.02
114	11/16/2009 16:19	STRINGER	METAL	D	FAIR	BROWN	BASEMENT	STAIRWELL	Negative	0.09	0.29
115	11/16/2009 16:20	HANDRAIL	METAL	D	POOR	BEIGE	BASEMENT	STAIRWELL	Negative	0.06	0.2
116	11/16/2009 16:20	RISER	METAL	D	INTACT	BEIGE	BASEMENT	STAIRWELL	Negative	0.01	0.05
117	11/16/2009 16:23	WALL	BRICK	D	INTACT	BEIGE	BASEMENT	FOYER	Negative	0	0.02
118	11/16/2009 16:23	DOOR	METAL	D	INTACT	BROWN	BASEMENT	FOYER	Negative	0.05	0.21
119	11/16/2009 16:24	DOOR FRAME	METAL	D	INTACT	BROWN	BASEMENT	FOYER	Negative	0.05	0.18
120	11/16/2009 16:27	WALL	CONCRETE	A	INTACT	BEIGE	BASEMENT	OFFICES	Negative	0.4	0.1
121	11/16/2009 16:28	DOOR FRAME	METAL	C	INTACT	BROWN	BASEMENT	OFFICES	Negative	0.04	0.14
122	11/16/2009 16:31	WALL	DRYWALL	A	INTACT	YELLOW	BASEMENT	HALLWAY	Negative	0	0.02
123	11/16/2009 16:33	DOOR FRAME	METAL	B	INTACT	BROWN BROWN	BASEMENT	HALLWAY	Negative	0	0.03
124	11/16/2009 16:33	DOOR	WOOD	B	INTACT	STAINED	BASEMENT	HALLWAY	Negative	0	0.02
125	11/16/2009 16:34	FIRE BOX DOOR	METAL	A	INTACT	RED	BASEMENT	HALLWAY	Negative	0.27	0.29
126	11/16/2009 16:34	FIRE BOX DOOR FRAME	METAL	A	INTACT	RED	BASEMENT	HALLWAY	Positive	3.2	2.1
127	11/16/2009 16:36	WALL	PLASTER	A	INTACT	YELLOW	BASEMENT	OFFICES	Negative	0	0.02
128	11/16/2009 16:36	WINDOW	WOOD	A	INTACT	WHITE	BASEMENT	OFFICES	Negative	0	0.02
129	11/16/2009 16:37	WINDOW FRAME	CONCRETE	A	INTACT	WHITE	BASEMENT	OFFICES	Negative	0	0.02
131	11/16/2009 16:38	WINDOW SILL	WOOD	A	INTACT	WHITE	BASEMENT	OFFICES	Negative	0	0.03
132	11/16/2009 16:39	DOOR FRAME	METAL	A	INTACT	BROWN	BASEMENT	OFFICES	Positive	4.4	2.3
133	11/16/2009 16:41	WALL	PLASTER	C	INTACT	WHITE	BASEMENT	OFFICES	Positive	1.6	0.6
134	11/16/2009 16:42	WINDOW	WOOD	A	INTACT	WHITE	BASEMENT	OFFICES	Negative	0	0.02

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

INSPECTED BY:
MICHELLE CORREIA

XRF TESTING DATA SHEETS
V.A. MEDICAL CENTER
TUSCALOOSA, AL

BUILDING # 5
SELC PROJECT # 2009-1073

135	11/16/2009 16:42	DOOR FRAME	METAL	D	INTACT	WHITE	BASEMENT	OFFICES	Positive	3.4	2.4
136	11/16/2009 16:44	CEILING	CONCRETE	D	INTACT	WHITE	BASEMENT	OFFICES	Positive	1.5	0.4
137	11/16/2009 16:47	WALL	CONCRETE	A	INTACT	YELLOW	BASEMENT	HALLWAY	Negative	0	0.02
138	11/16/2009 16:48	DOOR FRAME	METAL	D	INTACT	YELLOW	BASEMENT	HALLWAY	Negative	0.01	0.08
139	11/16/2009 16:50	DOOR	METAL	A	POOR	BROWN	BASEMENT	HALLWAY	Positive	5.2	3.6
140	11/16/2009 16:51	DOOR FRAME	METAL	A	INTACT	YELLOW	BASEMENT	HALLWAY	Positive	3.1	1.9
141	11/16/2009 16:52	WALL	WOOD	B	INTACT	YELLOW	BASEMENT	OFFICES	Negative	0	0.02
142	11/16/2009 16:55	WALL	PLASTER	A	INTACT	WHITE	BASEMENT	STAIRWELL	Negative	0.18	0.07
143	11/16/2009 16:56	RISER	METAL	A	POOR	BEIGE	BASEMENT	STAIRWELL	Positive	4.5	3.1
144	11/16/2009 16:57	STRINGER	METAL	A	POOR	BEIGE	BASEMENT	STAIRWELL	Positive	6.6	3.9
145	11/16/2009 16:58	NEWEL POST	METAL	A	POOR	BEIGE	BASEMENT	STAIRWELL	Positive	4.4	3.3
146	11/16/2009 16:58	BALUSTRADE	METAL	A	FAIR	BEIGE	BASEMENT	STAIRWELL	Positive	3.3	2.2
147	11/16/2009 16:59	WINDOW FRAME	WOOD	C	POOR	WHITE	BASEMENT	STAIRWELL	Positive	6.3	4.5
148	11/16/2009 17:00	WINDOW SILL	WOOD	C	FAIR	WHITE	BASEMENT	STAIRWELL	Positive	4.9	2.7
149	11/16/2009 17:00	BASEBOARD	CONCRETE	C	FAIR	BEIGE	BASEMENT	STAIRWELL	Positive	5.9	3.6
150	11/16/2009 17:01	FLOOR	CONCRETE	C	FAIR	BLACK	FIRST	STAIRWELL	Negative	0	0.02
151	11/16/2009 17:06	POSTCAL A	1.04		0.8-1.2				Positive	1	0.1
152	11/16/2009 17:07	POSTCAL B	1.04		0.8-1.2				Positive	1.1	0.1
153	11/16/2009 17:08	POSTCAL C	1.04		0.8-1.2				Positive	1	0.1
2	11/20/2009 7:52									4.18	0
3	11/20/2009 7:58	PRECAL A	1.04	RAN(	0.8-1.2				Positive	1.1	0.1
4	11/20/2009 7:58	PRECAL B	1.04	RAN(	0.8-1.2				Negative	0.9	0.1
5	11/20/2009 7:59	PRECAL C	1.04	RAN(	0.8-1.2				Positive	1.1	0.1
6	11/20/2009 8:08	WALL	PLASTER	B	INTACT	WHITE	FIRST	FOYER	Positive	1.2	0.2
7	11/20/2009 8:13	CEILING	PLASTER	B	INTACT	WHITE	FIRST	FOYER	Negative	0.18	0.06
9	11/20/2009 8:15	FIRE BOX DOOR	METAL	B	INTACT	WHITE	FIRST	FOYER	Positive	1.2	0.2
11	11/20/2009 8:18	FIRE BOX DOOR FRAME	METAL	B	INTACT	WHITE	FIRST	FOYER	Positive	1.1	0.2
12	11/20/2009 8:18	ELECTICAL PANEL	METAL	B	INTACT	WHITE	FIRST	FOYER	Negative	0	0.02
13	11/20/2009 8:19	STRINGER	METAL	B	INTACT	BEIGE	FIRST	FOYER	Positive	5	3.9
14	11/20/2009 8:19	NEWEL POST	METAL	D	POOR	BEIGE	FIRST	FOYER	Positive	5.5	3.4
15	11/20/2009 8:20	BALUSTRADE	METAL	D	FAIR	BEIGE	FIRST	FOYER	Positive	4.9	3.4
16	11/20/2009 8:21	CEILING UNDER STAIR	PLASTER	D	INTACT	WHITE	FIRST	FOYER	Negative	0.22	0.08
17	11/20/2009 8:22	DOOR FRAME	METAL	A	INTACT	WHITE	FIRST	FOYER	Negative	0	0.02
18	11/20/2009 8:23	DOOR FRAME	WOOD	A	FAIR	WHITE	FIRST	FOYER	Positive	7.1	5.2

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

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19	11/20/2009 8:23	DOOR	METAL	A	POOR	WHITE	FIRST	FOYER	Negative	0	0.03
20	11/20/2009 8:25	TRANSOM	WOOD	A	INTACT	WHITE	FIRST	FOYER	Positive	7.6	6.4
21	11/20/2009 8:26	WINDOW FRAME	WOOD	B	INTACT	BEIGE	FIRST	FOYER	Negative	0	0.02
22	11/20/2009 8:28	WALL	DRYWALL	B	INTACT	WALL PAPER	FIRST	FOYER	Negative	0.04	0.05
23	11/20/2009 8:30	CEILING	PLASTER	B	INTACT	WHITE	FIRST	FOYER	Positive	6.2	5
24	11/20/2009 8:33	WALL	PLASTER	C	INTACT	WHITE	FIRST	HALLWAY	Negative	0.02	0.05
25	11/20/2009 8:33	DOOR	WOOD	A	FAIR	BROWN STAINED	FIRST	HALLWAY	Negative	0.07	0.12
26	11/20/2009 8:34	DOOR FRAME	METAL	A	FAIR	WHITE	FIRST	HALLWAY	Positive	6	3.4
27	11/20/2009 8:35	BASEBOARD	CONCRETE	B	FAIR	WHITE	FIRST	HALLWAY	Positive	1.4	0.4
28	11/20/2009 8:37	WALL	PLASTER	D	INTACT	WHITE	FIRST	OFFICES	Negative	0.07	0.04
30	11/20/2009 8:38	DOOR FRAME	METAL	A	INTACT	WHITE	FIRST	OFFICES	Positive	1.8	0.8
31	11/20/2009 8:38	TRANSOM	WOOD	A	INTACT	WHITE	FIRST	OFFICES	Positive	3.5	2.1
32	11/20/2009 8:39	WINDOW FRAME	WOOD	C	INTACT	WHITE	FIRST	OFFICES	Positive	5	2.8
33	11/20/2009 8:42	WINDOW SILL	WOOD	C	INTACT	WHITE	FIRST	OFFICES	Positive	3.2	2.1
34	11/20/2009 8:43	RADIATOR	METAL	C	INTACT	WHITE	FIRST	OFFICES	Negative	0.03	0.09
35	11/20/2009 8:43	DOOR	WOOD	A	INTACT	WHITE	FIRST	OFFICES	Negative	0.07	0.16
36	11/20/2009 8:45	WALL	PLASTER	D	INTACT	WHITE	FIRST	FOYER	Positive	1.4	0.4
37	11/20/2009 8:45	DOOR	WOOD	A	INTACT	BROWN STAIN	FIRST	FOYER	Negative	0	0.03
38	11/20/2009 8:46	DOOR FRAME	METAL	A	INTACT	WHITE	FIRST	FOYER	Negative	0.02	0.1
39	11/20/2009 8:46	ELEVATOR DOOR	METAL	C	INTACT	BEIGE	FIRST	FOYER	Negative	0	0.02
40	11/20/2009 8:47	ELEVATOR DOOR FRAME	METAL	C	INTACT	BEIGE	FIRST	FOYER	Negative	0	0.03
42	11/20/2009 8:48	WALL	PLASTER	D	POOR	WHITE	FIRST	OFFICES	Positive	2	0.9
43	11/20/2009 8:50	CEILING	PLASTER	D	POOR	WHITE	FIRST	OFFICES	Positive	2.5	1.5
44	11/20/2009 8:51	WINDOW FRAME	WOOD	D	INTACT	WHITE	FIRST	OFFICES	Positive	7.2	5
45	11/20/2009 8:51	WINDOW SILL	WOOD	D	POOR	WHITE	FIRST	OFFICES	Positive	7.7	5.4
46	11/20/2009 8:52	RADIATOR	METAL	A	INTACT	WHITE	FIRST	OFFICES	Negative	0.01	0.04
47	11/20/2009 8:52	STALL DOOR	WOOD	D	INTACT	WHITE	FIRST	OFFICES	Positive	4	2.4
48	11/20/2009 8:56	WALL	DRYWALL	B	INTACT	WALL PAPER	FIRST	OFFICES	Negative	0.1	0.17
49	11/20/2009 8:56	DOOR FRAME	METAL	B	INTACT	WHITE	FIRST	OFFICES	Negative	0	0.02
50	11/20/2009 8:57	WINDOW FRAME	WOOD	A	INTACT	WHITE	FIRST	OFFICES	Positive	7.2	5.1
51	11/20/2009 8:57	WINDOW SILL	WOOD	A	FAIR	WHITE	FIRST	OFFICES	Positive	5.7	3.1
52	11/20/2009 8:58	RADIATOR	METAL	A	FAIR	BEIGE	FIRST	OFFICES	Negative	0.04	0.12

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

INSPECTED BY: **XRF TESTING DATA SHEETS** **BUILDING # 5**

MICHELLE CORREIA **V.A. MEDICAL CENTER** **SELC PROJECT # 2009-1073**

TUSCALOOSA, AL

53	11/20/2009 8:59	WALL	DRYWALL	A	INTACT	WHITE	FIRST	STAIRWELL	Negative	0	0.02
54	11/20/2009 9:00	DOOR	METAL	D	INTACT	WHITE	FIRST	STAIRWELL	Negative	0.02	0.07
55	11/20/2009 9:00	DOOR FRAME	METAL	D	INTACT	WHITE	FIRST	STAIRWELL	Negative	0.09	0.34
56	11/20/2009 9:01	HANDRAIL	METAL	C	INTACT	BEIGE	FIRST	STAIRWELL	Negative	0.04	0.19
57	11/20/2009 9:01	STRINGER	CONCRETE	C	INTACT	BROWN	FIRST	STAIRWELL	Negative	0	0.02
58	11/20/2009 9:02	STRINGER	WOOD	C	INTACT	BROWN	FIRST	STAIRWELL	Negative	0.03	0.12
59	11/20/2009 9:02	RISER	METAL	C	FAIR	BEIGE	FIRST	STAIRWELL	Negative	0.09	0.4
60	11/20/2009 9:03	CEILING	DRYWALL	C	INTACT	WHITE	FIRST	STAIRWELL	Negative	0	0.02
61	11/20/2009 9:04	WALL	BLOCK	C	POOR	WHITE	FIRST	STAIRWELL	Negative	0	0.02
62	11/20/2009 9:07	WALL	DRYWALL	A	INTACT	WHITE	SECOND	STAIRWELL	Negative	0	0.02
63	11/20/2009 9:07	DOOR	METAL	D	INTACT	WHITE	SECOND	STAIRWELL	Negative	0.04	0.08
64	11/20/2009 9:08	DOORFRAME	METAL	D	INTACT	WHITE	SECOND	STAIRWELL	Negative	0.01	0.05
65	11/20/2009 9:08	BASEBOARD	CONCRETE	C	FAIR	BROWN	SECOND	STAIRWELL	Negative	0.01	0.04
66	11/20/2009 9:13	WALL	PLASTER	A	INTACT	WALL PAPER	SECOND	HALLWAY	Positive	1.5	0.5
67	11/20/2009 9:14	DOOR	METAL	B	INTACT	WHITE	SECOND	HALLWAY	Negative	0	0.02
68	11/20/2009 9:14	DOOR FRAME	WOOD	B	INTACT	WHITE	SECOND	HALLWAY	Negative	0	0.02
69	11/20/2009 9:14	BASEBOARD	CONCRETE	B	INTACT	WHITE	SECOND	HALLWAY	Positive	1.6	0.6
70	11/20/2009 9:15	STEP	CONCRETE	B	INTACT	WHITE	SECOND	HALLWAY	Negative	0.16	0.11
71	11/20/2009 9:17	HANDRAIL	WOOD	B	POOR	WHITE	SECOND	PORCH	Negative	0	0.03
72	11/20/2009 9:17	NEWEL POST	WOOD	B	FAIR	WHITE	SECOND	PORCH	Negative	0	0.03
73	11/20/2009 9:18	BALUSTRADE	WOOD	B	FAIR	WHITE	SECOND	PORCH	Negative	0	0.02
74	11/20/2009 9:20	LINTEL	METAL	D	POOR	WHITE	SECOND	PORCH	Positive	3	1.9
75	11/20/2009 9:21	SOFFIT	WOOD	D	INTACT	WHITE	SECOND	PORCH	Negative	0.3	0.67
76	11/20/2009 9:21	FASCIA	WOOD	D	INTACT	WHITE	SECOND	PORCH	Negative	0.05	0.13
77	11/20/2009 9:22	LIGHT FIXTURE	METAL	D	INTACT	BLACK	SECOND	PORCH	Negative	0.01	0.04
78	11/20/2009 9:24	FIRE DOOR FIRE DOOR	WOOD	C	INTACT	RED	SECOND	HALLWAY	Negative	0	0.02
79	11/20/2009 9:24	FRAME	METAL	C	INTACT	WHITE	SECOND	HALLWAY	Negative	0	0.02
80	11/20/2009 9:25	WALL FIRE BOX	BLOCK	C	INTACT	WHITE	SECOND	HALLWAY	Negative	0	0.02
81	11/20/2009 9:26	FLOR IN FIRE BOX	CONCRETE	C	INTACT	WHITE	SECOND	HALLWAY	Negative	0	0.02
82	11/20/2009 9:27	WALL	DRYWALL	B	INTACT	WHITE	SECOND	OFFICES	Negative	0	0.02
83	11/20/2009 9:27	WALL	PLASTER	D	INTACT	WHITE	SECOND	OFFICES	Positive	2.2	0.9
84	11/20/2009 9:27	DOOR	WOOD	C	INTACT	BROWN STAIN	SECOND	OFFICES	Negative	0.01	0.05
85	11/20/2009 9:28	DOOR FRAME	METAL	C	INTACT	WHITE	SECOND	OFFICES	Positive	1.9	0.8
86	11/20/2009 9:29	WINDOW FRAME	WOOD	A	INTACT	WHITE	SECOND	OFFICES	Positive	5.2	2.8

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

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BUILDING # 5
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87	11/20/2009 9:29	WINDOW SILL	WOOD	A	INTACT	WHITE	SECOND	OFFICES	Positive	4.8	2.5
88	11/20/2009 9:29	RADIATOR	METAL	A	INTACT	WHITE	SECOND	OFFICES	Negative	0.01	0.04
89	11/20/2009 9:31	WALL	PLASTER	A	INTACT	YELLOW	SECOND	BATHROOM	Negative	0.2	0.05
90	11/20/2009 9:31	DOOR FRAME	METAL	C	POOR	WHITE	SECOND	BATHROOM	Positive	1.6	0.5
91	11/20/2009 9:32	WINDOW	WOOD	A	INTACT	WHITE	SECOND	BATHROOM	Positive	4.4	2.6
92	11/20/2009 9:32	WINDOW SILL	WOOD	A	INTACT	WHITE	SECOND	BATHROOM	Positive	5.3	4.3
93	11/20/2009 9:33	WALL	PLASTER	D	INTACT	WALL PAPER	SECOND	OFFICES	Negative	0.08	0.03
94	11/20/2009 9:34	DOOR FRAME	METAL	A	INTACT	WHITE	SECOND	OFFICES	Positive	4.5	3.3
95	11/20/2009 9:34	WINDOW FRAME	WOOD	C	INTACT	WHITE	SECOND	OFFICES	Positive	7.5	4.9
96	11/20/2009 9:35	WINDOW SILL	WOOD	C	INTACT	WHITE	SECOND	OFFICES	Positive	5.4	4.3
100	11/20/2009 9:40	CEILING	DRYWALL	C	INTACT	WHITE	SECOND	BATHROOM	Negative	0.14	0.04
101	11/20/2009 9:41	STALL	METAL	D	INTACT	BEIGE	SECOND	BATHROOM	Positive	1.3	0.3
102	11/20/2009 9:41	STALL DOOR	METAL	D	INTACT	BEIGE	SECOND	BATHROOM	Positive	1.7	0.5
103	11/20/2009 9:42	MIRROR	WOOD	D	INTACT	WHITE	SECOND	BATHROOM	Negative	0.09	0.2
106	11/20/2009 9:45	WALL	PLASTER	B	INTACT	WHITE	SECOND	STAIRWELL	Negative	0	0.02
107	11/20/2009 9:47	BASEBOARD	CONCRETE	B	INTACT	BEIGE	SECOND	STAIRWELL	Negative	0.04	0.02
108	11/20/2009 9:47	NEWEL POST	METAL	D	POOR	BEIGE	SECOND	STAIRWELL	Positive	4.9	3.2
109	11/20/2009 9:48	BALUSTRADE	METAL	D	FAIR	BEIGE	SECOND	STAIRWELL	Positive	2.8	1.2
110	11/20/2009 9:51	WALL	BLOCK	A	FAIR	WHITE	BASEMENT	MECH ROOM	Positive	1.5	0.5
112	11/20/2009 9:52	CEILING	CONCRETE	A	FAIR	WHITE	BASEMENT	MECH ROOM	Negative	0.14	0.07
113	11/20/2009 9:53	WINDOW	WOOD	A	FAIR	WHITE	BASEMENT	MECH ROOM	Negative	0	0.03
114	11/20/2009 9:54	WINDOW FRAME	CONCRETE	A	POOR	WHITE	BASEMENT	MECH ROOM	Negative	0.01	0.02
115	11/20/2009 9:54	DUCT	METAL	A	POOR	WHITE	BASEMENT	MECH ROOM	Negative	0	0.03
116	11/20/2009 9:55	DOOR	WOOD	C	POOR	GRAY	BASEMENT	MECH ROOM	Positive	4.1	2.2
117	11/20/2009 9:55	DOOR FRAME	WOOD	C	POOR	GRAY	BASEMENT	MECH ROOM	Positive	3.7	2.6
160	11/20/2009 12:56	CAL A	1.04		0.8-1.2				Negative	0.9	0.1
161	11/20/2009 12:56	CAL B	1.04		0.8-1.2				Negative	0.9	0.1
162	11/20/2009 12:57	CAL C	1.04		0.8-1.2				Negative	0.9	0.1

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

INSPECTED BY:
MICHELLE CORREIA

XRF TESTING DATA SHEETS
V.A. MEDICAL CENTER
TUSCALOOSA, AL

BUILDING # 6
SELC PROJECT # 2009-1073

Readin	Time	Component	Substrate	Side	Condition	Color	Floor	Room	Results	PbC	PbC Error
2	11/25/2009 8:48	PRECAL A	1.04	RANG	0.8-1.2				Positive	1	0.1
3	11/25/2009 8:49	PRECAL B	1.04	RANG	0.8-1.2				Positive	1	0.1
4	11/25/2009 8:50	PRECAL C	1.04	RANG	0.8-1.2				Positive	1	0.1
5	11/25/2009 8:59	WALL	PLASTER	B	INTACT	WALLPAPER	FIRST	FOYER	Negative	0.14	0.06
6	11/25/2009 9:01	DOOR	WOOD	A	INTACT	WHITE	FIRST	FOYER	Positive	1.6	0.6
7	11/25/2009 9:01	DOOR FRAME	WOOD	A	INTACT	WHITE	FIRST	FOYER	Positive	9.1	7.3
8	11/25/2009 9:02	TRANSOM	WOOD	A	INTACT	WHITE	FIRST	FOYER	Positive	7.7	6.5
9	11/25/2009 9:04	DOOR	WOOD	A	INTACT	WHITE	FIRST	FOYER	Negative	0.4	0.5
10	11/25/2009 9:04	DOOR FRAME	WOOD	A	INTACT	WHITE	FIRST	FOYER	Positive	7.9	5.7
11	11/25/2009 9:07	CEILING	PLASTER	A	INTACT	WHITE	FIRST	FOYER	Negative	0.8	0.2
12	11/25/2009 9:08	BASEBOARD	WOOD	B	INTACT	WHITE	FIRST	FOYER	Positive	8.4	7.1
14	11/25/2009 9:11	WALL	PLASTER	C	INTACT	WALLPAPER	FIRST	OFFICES	Negative	0.06	0.03
15	11/25/2009 9:11	DOOR	WOOD	D	INTACT	WHITE	FIRST	OFFICES	Negative	0	0.03
16	11/25/2009 9:11	DOOR FRAME	WOOD	D	INTACT	WHITE	FIRST	OFFICES	Positive	3.3	2.2
17	11/25/2009 9:12	WINDOW	WOOD	A	INTACT	WHITE	FIRST	OFFICES	Negative	0	0.02
18	11/25/2009 9:12	WINDOW FRAME	WOOD	A	INTACT	WHITE	FIRST	OFFICES	Positive	10.4	8
19	11/25/2009 9:13	WINDOW SILL	WOOD	A	INTACT	WHITE	FIRST	OFFICES	Positive	10.5	8
20	11/25/2009 9:15	WALL	PLASTER	C	INTACT	WALLPAPER	FIRST	OFFICES	Negative	0.06	0.08
21	11/25/2009 9:16	DOOR	WOOD	C	INTACT	WHITE	FIRST	OFFICES	Negative	0	0.02
22	11/25/2009 9:16	DOOR FRAME	WOOD	C	INTACT	WHITE	FIRST	OFFICES	Negative	0	0.02
23	11/25/2009 9:17	WINDOW	WOOD	C	INTACT	WHITE	FIRST	OFFICES	Negative	0	0.02
24	11/25/2009 9:17	WINDOW FRAME	WOOD	C	INTACT	WHITE	FIRST	OFFICES	Positive	6.4	5
25	11/25/2009 9:17	WINDOW SILL	WOOD	C	INTACT	WHITE	FIRST	OFFICES	Positive	6.2	4.9
26	11/25/2009 9:18	BASEBOARD	WOOD	D	INTACT	WHITE	FIRST	OFFICES	Negative	0	0.02
28	11/25/2009 9:20	CEILING	DRYWALL	D	INTACT	WHITE	FIRST	OFFICES	Negative	0	0.02
29	11/25/2009 9:21	CABINET	WOOD	B	INTACT	BLUE	FIRST	OFFICES	Negative	0	0.03
30	11/25/2009 9:22	CABINET	WOOD	B	INTACT	BLUE	FIRST	OFFICES	Negative	0	0.02
31	11/25/2009 9:23	ARCH	WOOD	D	INTACT	WHITE	FIRST	OFFICES	Negative	0	0.03
36	11/25/2009 9:30	CEILING	PLASTER	B	INTACT	WHITE	FIRST	OFFICES	Positive	1.5	0.4
37	11/25/2009 9:34	FIREPLACE	WOOD	D	INTACT	WHITE	FIRST	OFFICES	Positive	9.2	7.6
38	11/25/2009 9:34	FIREPLACE MANTLE	WOOD	D	INTACT	WHITE	FIRST	OFFICES	Positive	7.6	5.2
39	11/25/2009 9:35	DOOR	WOOD	D	INTACT	WHITE	FIRST	OFFICES	Positive	6.4	5

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

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TUSCALOOSA, AL

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40	11/25/2009 9:35	DOOR FRAME	WOOD	D	INTACT	WHITE	FIRST	OFFICES	Positive	8.5	7.3
41	11/25/2009 9:35	BASEBOARD	WOOD	D	INTACT	WHITE	FIRST	OFFICES	Positive	8.9	7.3
		WINDOW									
42	11/25/2009 9:36	SASH	WOOD	D	INTACT	WHITE	FIRST	OFFICES	Positive	9	7.4
45	11/25/2009 9:39	CEILING	PLASTER	D	INTACT	WHITE	FIRST	OFFICES	Negative	0.02	0.02
46	11/25/2009 9:45	WALL	PLASTER	C	INTACT	BEIGE	FIRST	BATHROOM	Positive	1.6	0.6
47	11/25/2009 9:45	CABINET	WOOD	B	INTACT	RED	FIRST	BATHROOM	Negative	0	0.02
		CABINET									
48	11/25/2009 9:46	DOOR	WOOD	B	INTACT	RED	FIRST	BATHROOM	Negative	0.04	0.26
49	11/25/2009 9:47	HEADER	WOOD	A	INTACT	BEIGE	FIRST	STAIRWELL	Positive	8.2	7
50	11/25/2009 9:48	STRINGER	WOOD	C	INTACT	WHITE	FIRST	STAIRWELL	Positive	4.7	2.4
51	11/25/2009 9:48	RISER	WOOD	C	INTACT	BEIGE	FIRST	STAIRWELL	Positive	2.6	1.3
52	11/25/2009 9:48	TREAD	WOOD	C	POOR	BEIGE	FIRST	STAIRWELL	Positive	5.2	2.9
53	11/25/2009 9:49	WALL	WOOD	D	INTACT	BEIGE	FIRST	STAIRWELL	Negative	0.01	0.04
		SUPPORT									
54	11/25/2009 9:49	BEAM	METAL	D	POOR	BEIGE	FIRST	STAIRWELL	Positive	4.4	3.1
55	11/25/2009 9:50	HANDRAIL	WOOD	D	INTACT	WHITE	FIRST	STAIRWELL	Negative	0	0.02
56	11/25/2009 9:50	DOOR	WOOD	A	INTACT	WHITE	FIRST	STAIRWELL	Negative	0	0.02
57	11/25/2009 9:51	DOOR FRAME	WOOD	A	INTACT	WHITE	FIRST	STAIRWELL	Negative	0	0.02
58	11/25/2009 9:54	RISER	WOOD	C	INTACT	WHITE	FIRST	STAIRWELL	Positive	8.3	7.1
59	11/25/2009 9:55	STRINGER	WOOD	B	INTACT	WHITE	FIRST	STAIRWELL	Positive	11.7	8.3
60	11/25/2009 9:55	HANDRAIL	WOOD	B	INTACT	WHITE	FIRST	STAIRWELL	Negative	0.06	0.12
61	11/25/2009 9:56	NEWEL POST	WOOD	B	INTACT	WHITE	FIRST	STAIRWELL	Negative	0.08	0.16
62	11/25/2009 9:56	BALISTRADE	WOOD	B	INTACT	WHITE	FIRST	STAIRWELL	Positive	10.5	7.7
63	11/25/2009 9:57	HEADER	WOOD	C	INTACT	WHITE	FIRST	STAIRWELL	Positive	8.1	5.3
64	11/25/2009 9:58	WINDOW	WOOD	C	INTACT	WHITE	SECOND	STAIRWELL	Negative	0	0.02
		WINDOW									
65	11/25/2009 9:58	FRAME	WOOD	C	INTACT	WHITE	SECOND	STAIRWELL	Positive	12.1	8.8
66	11/25/2009 9:58	WINDOW SILL	WOOD	C	INTACT	WHITE	SECOND	STAIRWELL	Positive	11	8.2
67	11/25/2009 10:00	WALL	PLASTER	C	INTACT	WALLPAPER	SECOND	HALLWAY	Negative	0.19	0.07
68	11/25/2009 10:00	CEILING	PLASTER	C	INTACT	WHITE	SECOND	HALLWAY	Positive	1.4	0.4
69	11/25/2009 10:01	BASEBOARD	WOOD	A	INTACT	WHITE	SECOND	HALLWAY	Negative	0	0.02
70	11/25/2009 10:02	WALL	DRYWALL	A	INTACT	WALLPAPER	SECOND	OFFICES	Negative	0	0.02
71	11/25/2009 10:02	DOOR	WOOD	A	INTACT	WHITE	SECOND	OFFICES	Negative	0.1	0.36
72	11/25/2009 10:03	DOOR FRAME	WOOD	A	INTACT	WHITE	SECOND	OFFICES	Negative	0	0.02
73	11/25/2009 10:03	BASEBOARD	WOOD	A	INTACT	WHITE	SECOND	OFFICES	Negative	0	0.03

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		WINDOW									
74	11/25/2009 10:04	FRAME	WOOD	C	INTACT	WHITE	SECOND	OFFICES	Positive	9.3	7.6
75	11/25/2009 10:04	WINDOW SILL	WOOD	C	INTACT	WHITE	SECOND	OFFICES	Positive	1.8	0.6
76	11/25/2009 10:05	CEILING	PLASTER	C	INTACT	WHITE	SECOND	OFFICES	Positive	2.3	0.9
77	11/25/2009 10:07	WALL	PLASTER	C	INTACT	WALLPAPER	SECOND	OFFICES	Negative	0.03	0.04
78	11/25/2009 10:07	DOOR	WOOD	C	INTACT	WHITE	SECOND	OFFICES	Negative	0.07	0.15
79	11/25/2009 10:07	DOOR FRAME	WOOD	C	INTACT	WHITE	SECOND	OFFICES	Positive	8.8	7.3
80	11/25/2009 10:08	BASEBOARD	WOOD	C	INTACT	WHITE	SECOND	OFFICES	Negative	0	0.03
		WINDOW									
81	11/25/2009 10:08	FRAME	WOOD	A	INTACT	WHITE	SECOND	OFFICES	Positive	7.4	5.1
82	11/25/2009 10:09	WINDOW SILL	WOOD	A	INTACT	WHITE	SECOND	OFFICES	Positive	12.3	8.9
83	11/25/2009 10:10	CEILING	PLASTER	A	INTACT	WHITE	SECOND	OFFICES	Positive	1.5	0.5
84	11/25/2009 10:11	HANDRAIL	WOOD	A	INTACT	WHITE	SECOND	STAIRWELL	Negative	0.02	0.07
85	11/25/2009 10:12	NEWEL POST	WOOD	A	INTACT	WHITE	SECOND	STAIRWELL	Negative	0.19	0.53
86	11/25/2009 10:12	BALASTRADE	WOOD	A	INTACT	WHITE	SECOND	STAIRWELL	Positive	9.2	7.5
87	11/25/2009 10:15	WALL	CONCRETE	A	POOR	WHITE	SECOND	STORAGE	Negative	0.09	0.02
88	11/25/2009 10:16	FLOOR	CONCRETE	A	POOR	GRAY	SECOND	STORAGE	Negative	0.09	0.04
89	11/25/2009 10:16	WINDOW	WOOD	A	INTACT	WHITE	SECOND	STORAGE	Negative	0	0.02
		WINDOW									
90	11/25/2009 10:17	FRAME	WOOD	A	INTACT	WHITE	SECOND	STORAGE	Negative	0	0.02
91	11/25/2009 10:18	WALL	WOOD	D	FAIR	WHITE	BASEMENT	STORAGE	Negative	0.04	0.11
93	11/25/2009 10:19	WALL	PLASTER	D	FAIR	WHITE	BASEMENT	STORAGE	Negative	0.6	0.4
		SUPPORT									
94	11/25/2009 10:21	BEAM	METAL	A	POOR	WHITE	BASEMENT	STORAGE	Positive	11.1	9.4
95	11/25/2009 10:22	ELEC LINE	METAL	D	POOR	WHITE	BASEMENT	STORAGE	Negative	0.08	0.34
		STAIR									
96	11/25/2009 10:23	SUPPORT	WOOD	B	POOR	WHITE	BASEMENT	STORAGE	Negative	0.03	0.11
97	11/25/2009 10:24	WALL	CONCRETE	C	POOR	WHITE	BASEMENT	BATHROOM	Negative	0.04	0.02
99	11/25/2009 10:24	DOOR	WOOD	B	CRACKED	WHITE	BASEMENT	BATHROOM	Positive	7.3	6.2
100	11/25/2009 10:25	DOOR FRAME	WOOD	B	FAIR	WHITE	BASEMENT	BATHROOM	Positive	5	2.7
101	11/25/2009 10:25	FLOOR	CONCRETE	B	POOR	GRAY	BASEMENT	BATHROOM	Negative	0.13	0.04
102	11/25/2009 10:28	CEILING	PLASTER	A	FAIR	WHITE	BASEMENT	STAIRWELL	Negative	0.13	0.04
105	11/25/2009 10:31	WALL	PLASTER	D	POOR	WHITE	ATTIC	STAIRWELL	Negative	0.6	0.4
106	11/25/2009 10:31	DOOR	WOOD	A	INTACT	WHITE	ATTIC	STAIRWELL	Negative	0.24	0.61
107	11/25/2009 10:31	DOOR FRAME	WOOD	A	INTACT	WHITE	ATTIC	STAIRWELL	Positive	6.8	4.7
108	11/25/2009 10:32	STRINGER	WOOD	A	FAIR	WHITE	ATTIC	STAIRWELL	Positive	5.5	4.4
109	11/25/2009 10:32	RISER	WOOD	C	FAIR	WHITE	ATTIC	STAIRWELL	Positive	8.3	7.1
110	11/25/2009 10:33	TREAD	WOOD	C	POOR	GRAY	ATTIC	STAIRWELL	Positive	6.5	5.1

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111	11/25/2009 10:33	FLOOR	WOOD	C	POOR	GRAY	ATTIC	STAIRWELL	Positive	6.5	5.3
116	11/25/2009 10:35	CEILING	PLASTER	C	CRACKED	WHITE	ATTIC	STAIRWELL	Negative	0.15	0.05
117	11/25/2009 10:36	HANDRAIL	WOOD	C	POOR	WHITE	ATTIC	ATTIC	Positive	8.9	7.2
118	11/25/2009 10:37	WINDOW WINDOW	WOOD	D	POOR	WHITE	ATTIC	ATTIC	Positive	8.1	6.3
119	11/25/2009 10:37	FRAME	WOOD	D	POOR	WHITE	ATTIC	ATTIC	Positive	6	4.2
120	11/25/2009 10:42	DOOR	WOOD	A	FAIR	GREEN	EXTERIOR	EXTERIOR	Negative	0.7	0.2
121	11/25/2009 10:42	DOOR FRAME	WOOD	A	FAIR	WHITE	EXTERIOR	EXTERIOR	Positive	39.1	30.3
122	11/25/2009 10:44	TRANSOM	WOOD	A	FAIR	WHITE	EXTERIOR	EXTERIOR	Positive	49.7	36.3
123	11/25/2009 10:44	COLUMN COLUMN	WOOD	A	FAIR	WHITE	EXTERIOR	EXTERIOR	Negative	0.06	0.15
124	11/25/2009 10:45	SUPPORT	WOOD	A	FAIR	WHITE	EXTERIOR	EXTERIOR	Positive	5.8	4.4
125	11/25/2009 10:46	WALL	BRICK	D	FAIR	WHITE	EXTERIOR	PORCH	Positive	23.8	22.4
126	11/25/2009 10:46	DOOR	WOOD	D	CRACKED	WHITE	EXTERIOR	PORCH	Positive	24.9	21.8
127	11/25/2009 10:47	DOOR FRAME	WOOD	D	CRACKED	WHITE	EXTERIOR	PORCH	Positive	21.8	12.4
128	11/25/2009 10:47	THRESHOLD	CONCRETE	D	FAIR	GRAY	EXTERIOR	PORCH	Negative	0.19	0.07
129	11/25/2009 10:48	FLOOR	CONCRETE	D	FAIR	GRAY	EXTERIOR	PORCH	Negative	0.03	0.05
130	11/25/2009 10:48	COLUMN	WOOD	D	POOR	WHITE	EXTERIOR	PORCH	Positive	44.5	32.5
131	11/25/2009 10:49	CEILING	WOOD	D	POOR	WHITE	EXTERIOR	PORCH	Positive	21.1	19.3
133	11/25/2009 10:50	HANDRAIL	METAL	D	POOR	BLACK	EXTERIOR	PORCH	Positive	2	0.7
134	11/25/2009 10:51	SOFFIT	WOOD	D	POOR	WHITE	EXTERIOR	PORCH	Positive	51	37.9
135	11/25/2009 10:51	FASCIA	WOOD	D	POOR	WHITE	EXTERIOR	PORCH	Positive	16.7	10.4
136	11/25/2009 10:53	HANDRAIL	METAL	A	POOR	BLACK	EXTERIOR	PORCH	Positive	2.7	1.6
137	11/25/2009 10:54	LINTLE	METAL	A	POOR	WHITE	EXTERIOR	PORCH	Positive	45.1	34.5
138	11/25/2009 10:55	DOWNSPOUT	METAL	A	POOR	BLACK	EXTERIOR	PORCH	Negative	0.19	0.22
139	11/25/2009 10:56	DOOR	WOOD	A	POOR	WHITE	EXTERIOR	PORCH	Positive	40.1	30.5
140	11/25/2009 10:56	DOOR FRAME	WOOD	A	POOR	WHITE	EXTERIOR	PORCH	Positive	25.1	21.5
141	11/25/2009 10:57	CEILING CEILING	WOOD	A	INTACT	WHITE	EXTERIOR	PORCH	Negative	0	0.02
142	11/25/2009 10:57	SUPPORT	WOOD	A	INTACT	WHITE	EXTERIOR	PORCH	Negative	0	0.02
143	11/25/2009 10:58	HANDRAIL	METAL	A	POOR	BLACK	EXTERIOR	PORCH	Negative	0.7	0.3
144	11/25/2009 10:59	NEWEL POST	METAL	A	POOR	BLACK	EXTERIOR	PORCH	Positive	8.7	6.7
145	11/25/2009 10:59	BALASTRADE	METAL	A	POOR	BLACK	EXTERIOR	PORCH	Negative	0.4	0.3
146	11/25/2009 11:00	DOWNSPOUT	METAL	C	POOR	BLACK	EXTERIOR	PORCH	Negative	0.4	0.1
147	11/25/2009 11:59	MIDCAL A	1.04		0.8-1.2				Negative	0.9	0.1
148	11/25/2009 12:00	MIDCAL B	1.04		0.8-1.2				Positive	1.1	0.1
149	11/25/2009 12:01	MIDCAL C	1.04		0.8-1.2				Positive	1	0.1

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TUSCALOOSA, AL

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SELC PROJECT # 2009-1073

Reac	Time	Component	Substrate	Side	Condition	Color	Floor	Room	Results	PbC	PbC Error
2	11/2/2009 15:56	PRECAL A	1.04	RANGE	0.8-1.2				Positive	1.1	0.1
4	11/2/2009 15:56	PRECAL B	1.04	RANGE	0.8-1.2				Positive	1	0.1
5	11/2/2009 15:57	PRECAL C	1.04	RANGE	0.8-1.2				Positive	1.2	0.2
6	11/2/2009 16:45	WALL	DRYWALL	B	INTACT	WALLPAPER	FIRST	FOYER	Negative	0	0.02
7	11/2/2009 16:46	DOOR	METAL	B	INTACT	WHITE	FIRST	FOYER	Negative	0	0.02
8	11/2/2009 16:46	DOOR FRAME	METAL	B	INTACT	WHITE	FIRST	FOYER	Negative	0	0.03
9	11/2/2009 16:47	WINDOW FRAME	METAL	C	INTACT	WHITE	FIRST	FOYER	Negative	0	0.02
10	11/2/2009 16:48	WALL	DRYWALL	C	INTACT	WHITE	FIRST	BATHROOM	Negative	0.27	0.67
11	11/2/2009 16:50	WALL	DRYWALL	D	INTACT	BEIGE	FIRST	BATHROOM	Negative	0	0.02
12	11/2/2009 16:50	DOOR	METAL	D	INTACT	WHITE	FIRST	BATHROOM	Negative	0	0.03
13	11/2/2009 16:50	DOOR FRAME	METAL	D	INTACT	WHITE	FIRST	BATHROOM	Negative	0	0.02
14	11/2/2009 16:51	STALL	METAL	C	INTACT	YELLOW	FIRST	BATHROOM	Negative	0.18	0.25
15	11/2/2009 16:51	STALL DOOR	METAL	C	INTACT	YELLOW	FIRST	BATHROOM	Negative	0.12	0.16
16	11/2/2009 16:56	WALL	DRYWALL	C	INTACT	WALLPAPER	FIRST	HALLWAY	Negative	0	0.02
17	11/2/2009 16:57	DOOR PANEL	METAL	B	INTACT	WHITE	FIRST	HALLWAY	Negative	0	0.02
18	11/2/2009 16:57	DOOR FRAME	WOOD	B	INTACT	WHITE	FIRST	HALLWAY	Negative	0	0.02
19	11/2/2009 16:58	COLUMN	WOOD	C	INTACT	WHITE	FIRST	HALLWAY	Negative	0	0.02
20	11/2/2009 17:08	COLUMN	WOOD	D	INTACT	WHITE	FIRST	FOYER	Negative	0	0.02
22	11/2/2009 17:10	CROWN MOULDING	WOOD	D	INTACT	WHITE	FIRST	FOYER	Negative	0	0.02
23	11/2/2009 17:12	WALL	DRYWALL	B	INTACT	WALLPAPER	FIRST	FOYER	Negative	0	0.02
24	11/2/2009 17:13	DOOR	WOOD	B	INTACT	WHITE	FIRST	FOYER	Negative	0	0.02
25	11/2/2009 17:13	DOOR FRAME	METAL	B	POOR	WHITE	FIRST	FOYER	Negative	0.01	0.03
26	11/2/2009 17:14	WINDOW IN DOOR	METAL	B	POOR	WHITE	FIRST	FOYER	Negative	0	0.02
27	11/2/2009 17:20	WINDOW FRAME	WOOD	D	INTACT	WHITE	FIRST	FOYER	Negative	0	0.02
28	11/2/2009 17:21	WINDOW SILL	WOOD	D	FAIR	WHITE	FIRST	FOYER	Negative	0	0.03
29	11/2/2009 17:22	WALL	DRYWALL	C	INTACT	WALLPAPER	FIRST	HALLWAY	Negative	0	0.02
30	11/2/2009 17:24	FIRE EXT DOOR	METAL	A	INTACT	RED	FIRST	HALLWAY	Negative	0.02	0.06
31	11/2/2009 17:25	FIRE EXT FRAME	METAL	A	INTACT	RED	FIRST	HALLWAY	Negative	0.01	0.03
32	11/2/2009 17:25	DOOR	WOOD	D	INTACT	WHITE	FIRST	HALLWAY	Negative	0	0.03
33	11/2/2009 17:26	DOOR FRAME	METAL	D	INTACT	WHITE	FIRST	HALLWAY	Negative	0	0.02
34	11/2/2009 17:27	WALL	DRYWALL	D	INTACT	GREEN	FIRST	EXAM ROOM	Negative	0	0.03
35	11/2/2009 17:28	WALL BL CHRRL	WOOD	D	INTACT	GREEN	FIRST	EXAM ROOM	Negative	0	0.02
36	11/2/2009 17:28	CHAIR RAIL	WOOD	D	INTACT	GREEN	FIRST	EXAM ROOM	Negative	0	0.02
37	11/2/2009 17:29	DOOR	WOOD	A	INTACT	BROWN STAINED	FIRST	EXAM ROOM	Negative	0	0.03
38	11/2/2009 17:29	DOOR FRAME	METAL	A	INTACT	WHITE	FIRST	EXAM ROOM	Negative	0	0.02

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MICHELLE CORREIA **V.A. MEDICAL CENTER** **SELC PROJECT # 2009-1073**

TUSCALOOSA, AL

39	11/2/2009 17:30	WINDOW FRAME	WOOD	C	INTACT	WHITE	FIRST	EXAM ROOM	Negative	0	0.02
40	11/2/2009 17:31	FLOOR	WOOD	C	INTACT	BROWN STAINED	FIRST	EXAM ROOM	Negative	0	0.02
41	11/2/2009 17:32	WALL	DRYWALL	B	INTACT	WHITE	FIRST	BATHROOM	Negative	0.01	0.04
42	11/2/2009 17:33	DOOR	WOOD	D	INTACT	WHITE	FIRST	BATHROOM	Negative	0	0.02
43	11/2/2009 17:33	DOOR FRAME	METAL	D	FAIR	WHITE	FIRST	BATHROOM	Negative	0	0.02
45	11/2/2009 17:34	DOOR PANEL	METAL	D	FAIR	WHITE	FIRST	BATHROOM	Negative	0	0.02
46	11/2/2009 17:36	WALL	DRYWALL	C	INTACT	WHITE	FIRST	EXAM ROOM	Negative	0.01	0.04
47	11/2/2009 17:36	DOOR FRAME	METAL	C	INTACT	WHITE	FIRST	EXAM ROOM	Negative	0	0.02
48	11/2/2009 17:37	WINDOW FRAME	WOOD	A	INTACT	WHITE	FIRST	EXAM ROOM	Negative	0.01	0.05
49	11/2/2009 17:38	WALL	DRYWALL	A	INTACT	WHITE	FIRST	BATHROOM	Negative	0	0.02
50	11/2/2009 17:38	DOOR	WOOD	D	INTACT	WHITE	FIRST	BATHROOM	Negative	0.02	0.1
51	11/2/2009 17:38	DOOR FRAME	METAL	D	INTACT	WHITE	FIRST	BATHROOM	Negative	0.01	0.03
52	11/2/2009 17:40	WALL	DRYWALL	B	INTACT	WHITE	FIRST	EXAM ROOM	Negative	0	0.02
53	11/2/2009 17:41	DOOR FRAME	METAL	D	FAIR	WHITE	FIRST	EXAM ROOM	Negative	0	0.02
54	11/2/2009 17:41	WINDOW FRAME	METAL	C	INTACT	WHITE	FIRST	EXAM ROOM	Negative	0	0.03
55	11/2/2009 17:42	CHAIR RAIL	WOOD	D	INTACT	WHITE	FIRST	EXAM ROOM	Negative	0.03	0.16
56	11/2/2009 17:44	DOOR	WOOD	A	INTACT	WHITE	FIRST	EXAM ROOM	Negative	0	0.03
57	11/2/2009 17:46	WALL	DRYWALL	A	INTACT	WHITE	FIRST	MECH ROOM	Negative	0.01	0.04
58	11/2/2009 17:47	DOOR	WOOD	B	INTACT	WHITE	FIRST	MECH ROOM	Negative	0	0.04
59	11/2/2009 17:47	DOOR FRAME	METAL	B	FAIR	WHITE	FIRST	MECH ROOM	Negative	0.01	0.05
60	11/2/2009 17:48	FIRE PANEL	METAL	C	FAIR	RED	FIRST	MECH ROOM	Negative	0.11	0.42
61	11/2/2009 17:49	CONDUIT PANEL TRANSFORMER	METAL	D	INTACT	WHITE	FIRST	MECH ROOM	Negative	0	0.02
62	11/2/2009 17:50	LINE	METAL	A	INTACT	WHITE	FIRST	MECH ROOM	Negative	0.08	0.31
63	11/2/2009 17:52	WALL	DRYWALL	D	INTACT	WALLPAPER	FIRST	EXAM ROOM	Negative	0	0.02
64	11/2/2009 17:54	DOOR	METAL	B	INTACT	WHITE	FIRST	EXAM ROOM	Negative	0.02	0.15
65	11/2/2009 17:54	DOOR FRAME	WOOD	B	INTACT	WHITE	FIRST	EXAM ROOM	Negative	0	0.02
66	11/2/2009 17:55	WINDOW IN DOOR	METAL	B	INTACT	WHITE	FIRST	EXAM ROOM	Negative	0	0.02
67	11/2/2009 17:55	COLUMN	WOOD	CENTER	FAIR	WHITE	FIRST	EXAM ROOM	Negative	0	0.02
68	11/2/2009 17:57	CROWN MOULDING	WOOD	CENTER	INTACT	WHITE	FIRST	EXAM ROOM	Negative	0.08	0.28
69	11/2/2009 18:27	WALL	DRYWALL	D	INTACT	WALLPAPER	FIRST	HALLWAY	Negative	0	0.02
70	11/2/2009 18:28	DOOR FRAME	METAL	A	INTACT	WHITE	FIRST	HALLWAY	Negative	0	0.02
71	11/2/2009 18:40	DOOR	METAL	C	FAIR	WHITE	FIRST	HALLWAY	Negative	0	0.02
72	11/2/2009 18:40	DOOR FRAME	METAL	C	FAIR	WHITE	FIRST	HALLWAY	Negative	0	0.02
73	11/2/2009 18:42	DOOR	WOOD	B	INTACT	WHITE	FIRST	HALLWAY	Negative	0	0.02
74	11/2/2009 18:43	DOOR FRAME	METAL	B	INTACT	WHITE	FIRST	HALLWAY	Negative	0	0.02

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75	11/2/2009 18:46	WALL	DRYWALL	B	INTACT	WHITE	FIRST	EXAM ROOM	Negative	0.06	0.27
76	11/2/2009 18:47	DOOR FRAME	METAL	B	INTACT	WHITE	FIRST	EXAM ROOM	Negative	0	0.02
77	11/2/2009 18:49	WALL	DRYWALL	C	INTACT	WHITE	FIRST	EXAM ROOM	Negative	0.01	0.05
78	11/2/2009 18:50	WINDOW	WOOD	A	INTACT	WHITE	FIRST	EXAM ROOM	Negative	0	0.03
79	11/2/2009 18:50	CHAIR RAIL	WOOD	D	INTACT	WHITE	FIRST	EXAM ROOM	Negative	0	0.02
80	11/2/2009 18:51	TV PANEL	WOOD	B	INTACT	WHITE	FIRST	EXAM ROOM	Negative	0	0.02
81	11/2/2009 18:51	WALL	DRYWALL	A	INTACT	WHITE	FIRST	BATHROOM	Negative	0	0.02
82	11/2/2009 18:52	DOOR	WOOD	A	INTACT	WHITE	FIRST	BATHROOM	Negative	0	0.02
83	11/2/2009 18:52	DOOR FRAME	METAL	D	INTACT	WHITE	FIRST	BATHROOM	Negative	0	0.03
84	11/2/2009 18:55	WALL	DRYWALL	D	INTACT	WHITE	FIRST	PORCH	Negative	0	0.02
85	11/2/2009 18:56	CEILING	PLASTER	D	INTACT	WHITE	FIRST	PORCH	Negative	0	0.02
87	11/2/2009 18:57	WALL	PLASTER	C	INTACT	WHITE	FIRST	PORCH	Negative	0.03	0.06
88	11/2/2009 18:58	COLUMN	WOOD	C	INTACT	WHITE	FIRST	PORCH	Positive	2.3	1.3
90	11/2/2009 18:59	COLUMN	METAL	C	INTACT	WHITE	FIRST	PORCH	Negative	0.01	0.06
91	11/2/2009 19:03	COLUMN	METAL	C	INTACT	WHITE	FIRST	PORCH	Negative	0	0.03
92	11/2/2009 19:03	COLUMN BASE	WOOD	C	INTACT	WHITE	FIRST	PORCH	Positive	2	0.8
94	11/2/2009 19:04	COLUMN TOP	WOOD	C	INTACT	WHITE	FIRST	PORCH	Negative	0	0.02
95	11/2/2009 19:04	WALL	DRYWALL	B	INTACT	WHITE	FIRST	PORCH	Negative	0	0.02
96	11/2/2009 19:05	CEILING	DRYWALL	B	INTACT	WHITE	FIRST	PORCH	Negative	0	0.02
97	11/2/2009 19:05	BEAM	PLASTER	B	INTACT	WHITE	FIRST	PORCH	Negative	0	0.02
98	11/2/2009 19:13	CEILING	PLASTER	D	INTACT	WHITE	FIRST	HALLWAY	Negative	0	0.02
100	11/2/2009 19:14	CEILING	METAL	B	INTACT	WHITE	FIRST	HALLWAY	Negative	0.07	0.22
101	11/2/2009 19:18	HANDRAIL	METAL	B	POOR	BLACK	FIRST	HALLWAY	Negative	0	0.02
102	11/2/2009 19:19	BEAM	METAL	B	POOR	GRAY	FIRST	HALLWAY	Negative	0	0.02
103	11/2/2009 19:20	PLANTERS	METAL	B	FAIR	WHITE	FIRST	HALLWAY	Negative	0	0.02
104	11/2/2009 19:21	AWNING	METAL	B	FAIR	GRAY	FIRST	HALLWAY	Negative	0	0.02
105	11/2/2009 19:27	CEILING	PLASTER	A	POOR	WHITE	FIRST	FOYER	Negative	0	0.02
106	11/2/2009 19:29	CEILING	PLASTER	A	INTACT	WHITE	FIRST	FOYER	Negative	0	0.02
107	11/2/2009 19:33	POSTCAL A	1.04	RANGE	0.8-1.2				Positive	1.1	0.1
108	11/2/2009 19:33	POSTCAL B	1.04	RANGE	0.8-1.2				Positive	1.2	0.2
110	11/2/2009 19:35	POSTCAL C	1.04	RANGE	0.8-1.2				Positive	1	0.1
3	11/9/2009 9:02	PRECAL	1.04	RANGE	0.8-1.2				Positive	1.1	0.1
4	11/9/2009 9:02	PRECAL B	1.04	RANGE	0.8-1.2				Positive	1.1	0.1
5	11/9/2009 9:03	PRECAL C	1.04	RANGE	0.8-1.2				Positive	1	0.1
6	11/9/2009 9:35	DIESEL TANK	METAL	B	INTACT	WHITE	FIRST	EXTERIOR	Negative	0	0.02
		DIESEL TANK									
7	11/9/2009 9:36	SUPPORT	METAL	A	INTACT	WHITE	FIRST	EXTERIOR	Negative	0	0.02

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8	11/9/2009 9:37	SUPPORT BEAM	METAL	D	INTACT	BEIGE	FIRST	EXTERIOR	Negative	0.02	0.11
9	11/9/2009 9:37	DOOR	METAL	D	INTACT	BEIGE	FIRST	EXTERIOR	Negative	0	0.02
10	11/9/2009 9:38	DOOR FRAME	METAL	D	INTACT	BEIGE	FIRST	EXTERIOR	Negative	0	0.02
11	11/9/2009 9:39	BREAKER BOX	METAL	B	POOR	BEIGE	FIRST	EXTERIOR	Negative	0	0.02
12	11/9/2009 9:40	PYLON	METAL	C	INTACT	YELLOW	FIRST	EXTERIOR	Negative	0	0.02
13	11/9/2009 9:46	HANDRAIL	METAL	C	CHIPPING	BEIGE	FIRST	MECH ROOM	Negative	0.4	0.3
14	11/9/2009 9:47	HANDRAIL ON STAIRS	METAL	C	CHIPPING	BEIGE	FIRST	MECH ROOM	Negative	0.07	0.13
15	11/9/2009 9:48	DOOR	METAL	C	INTACT	RED	FIRST	MECH ROOM	Negative	0.01	0.04
16	11/9/2009 9:48	DOOR FRAME	METAL	C	INTACT	RED	FIRST	MECH ROOM	Negative	0	0.02
17	11/9/2009 9:48	WALL	BLOCK	C	INTACT	WHITE	FIRST	MECH ROOM	Negative	0	0.02
18	11/9/2009 9:49	FLOOR	CONCRETE	C	INTACT	GRAY	FIRST	MECH ROOM	Negative	0.01	0.02
19	11/9/2009 9:50	STAIRS	CONCRETE	C	INTACT	GRAY	FIRST	MECH ROOM	Negative	0	0.02
20	11/9/2009 9:50	HANDRAIL	METAL	B	FAIR	RED	FIRST	MECH ROOM	Negative	0.19	0.2
21	11/9/2009 9:51	PIPE	METAL	D	INTACT	BEIGE	FIRST	MECH ROOM	Negative	0.1	0.42
22	11/9/2009 9:52	PULL BOX	METAL	C	POOR	GRAY	FIRST	MECH ROOM	Negative	0.01	0.03
23	11/9/2009 9:55	WALL	BLOCK	B	INTACT	BEIGE	FIRST	MECH ROOM	Negative	0	0.02
24	11/9/2009 9:56	DOOR	METAL	C	POOR	BEIGE	FIRST	MECH ROOM	Negative	0.02	0.04
25	11/9/2009 9:57	DOOR FRAME LOUVERS ABOVE	METAL	C	POOR	BEIGE	FIRST	MECH ROOM	Negative	0	0.02
26	11/9/2009 9:58	DOOR	METAL	C	POOR	BEIGE	FIRST	MECH ROOM	Negative	0.01	0.06
27	11/9/2009 9:59	CIRCUIT BOX	METAL	C	POOR	LT GRAY	FIRST	EXTERIOR	Negative	0	0.02
28	11/9/2009 10:00	CIRCUIT BOX LID	METAL	C	POOR	LT GRAY	FIRST	EXTERIOR	Negative	0	0.03
29	11/9/2009 10:02	FIRE HYDRANT	METAL	D	POOR	GREEN	FIRST	EXTERIOR	Negative	0.29	0.08
30	11/9/2009 10:05	HANDRAIL	METAL	A	POOR	BROWN	FIRST	EXTERIOR	Negative	0.02	0.12
75	11/9/2009 13:14	CAL A	1.04	RANGE	0.8-1.2		FIRST		Positive	1	0.1
76	11/9/2009 13:15	CAL B	1.04	RANGE	0.8-1.2		FIRST		Negative	0.9	0.1
77	11/9/2009 13:15	CAL C	1.04	RANGE	0.8-1.2		FIRST		Positive	1.1	0.1

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Readin	Time	Component	Substrate	Side	Condition	Color	Floor	Room	Results	PbC	PbC Error
147	11/25/2009 11:59	MIDCAL A	1.04		0.8-1.2				Negative	0.9	0.1
148	11/25/2009 12:00	MIDCAL B	1.04		0.8-1.2				Positive	1.1	0.1
149	11/25/2009 12:01	MIDCAL C	1.04		0.8-1.2				Positive	1	0.1
150	11/25/2009 12:09	WALL	DRYWALL	D	INTACT	WALLPAPER	BASEMENT	HALLWAY	Negative	0.03	0.05
151	11/25/2009 12:10	WALL	PLASTER	D	INTACT	WALLPAPER	BASEMENT	HALLWAY	Negative	0.02	0.04
152	11/25/2009 12:10	WALL	PLASTER	A	INTACT	WALLPAPER	BASEMENT	HALLWAY	Negative	0.1	0.11
153	11/25/2009 12:12	DOOR	METAL	C	INTACT	BEIGE	BASEMENT	HALLWAY	Negative	0	0.02
154	11/25/2009 12:12	DOOR FRAME	METAL	C	INTACT	BEIGE	BASEMENT	HALLWAY	Negative	0.3	0.58
155	11/25/2009 12:13	DOOR FRAME	METAL	C	INTACT	BEIGE	BASEMENT	HALLWAY	Negative	0.17	0.34
156	11/25/2009 12:13	DOOR	METAL	C	INTACT	BEIGE	BASEMENT	HALLWAY	Negative	0	0.02
157	11/25/2009 12:14	DOOR	METAL	A	INTACT	BEIGE	BASEMENT	HALLWAY	Negative	0.02	0.13
158	11/25/2009 12:14	DOOR FRAME	METAL	A	INTACT	BEIGE	BASEMENT	HALLWAY	Negative	0.16	0.29
159	11/25/2009 12:15	WALL	BLOCK	C	INTACT	WHITE	BASEMENT	OFFICES	Negative	0	0.02
160	11/25/2009 12:15	DOOR	WOOD	A	INTACT	BEIGE	BASEMENT	OFFICES	Negative	0	0.02
161	11/25/2009 12:16	DOOR FRAME	METAL	A	INTACT	BEIGE	BASEMENT	OFFICES	Negative	0.15	0.25
162	11/25/2009 12:16	COLUMN	CONCRETE	A	INTACT	WHITE	BASEMENT	OFFICES	Negative	0	0.02
163	11/25/2009 12:17	WINDOW WINDOW	WOOD	C	INTACT	WHITE	BASEMENT	OFFICES	Negative	0.01	0.07
164	11/25/2009 12:17	FRAME	WOOD	C	INTACT	WHITE	BASEMENT	OFFICES	Negative	0	0.03
165	11/25/2009 12:18	WINDOW SILL	WOOD	C	INTACT	WHITE	BASEMENT	OFFICES	Negative	0	0.02
166	11/25/2009 12:18	WALL	DRYWALL	C	INTACT	WHITE	BASEMENT	OFFICES	Negative	0	0.02
167	11/25/2009 12:19	TRIM	WOOD	B	INTACT	WHITE	BASEMENT	OFFICES	Negative	0	0.02
168	11/25/2009 12:20	WALL	PLASTER	B	INTACT	WHITE	BASEMENT	OFFICES	Negative	0	0.02
169	11/25/2009 12:22	WALL	BLOCK	A	INTACT	WHITE	BASEMENT	OFFICES	Negative	0	0.02
170	11/25/2009 12:22	KICKPLATE	METAL	A	INTACT	WHITE	BASEMENT	OFFICES	Negative	0	0.02
171	11/25/2009 12:23	WINDOW WINDOW	WOOD	A	INTACT	WHITE	BASEMENT	OFFICES	Negative	0.01	0.04
172	11/25/2009 12:23	FRAME	WOOD	A	INTACT	WHITE	BASEMENT	OFFICES	Negative	0	0.03
173	11/25/2009 12:23	WINDOW SILL	WOOD	A	INTACT	WHITE	BASEMENT	OFFICES	Negative	0	0.02
174	11/25/2009 12:23	COLUMN	DRYWALL	B	INTACT	WHITE	BASEMENT	OFFICES	Negative	0	0.02
175	11/25/2009 12:24	DOOR	METAL	D	INTACT	WHITE	BASEMENT	OFFICES	Negative	0.4	0.6
176	11/25/2009 12:24	DOOR FRAME	METAL	D	INTACT	WHITE	BASEMENT	OFFICES	Negative	0.24	0.31
177	11/25/2009 12:25	DOOR FRAME	METAL	B	INTACT	WHITE	BASEMENT	OFFICES	Negative	0.29	0.43

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178	11/25/2009 12:25	DOOR WINDOW	WOOD	B	INTACT	BEIGE	BASEMENT	OFFICES	Negative	0.01	0.07
180	11/25/2009 12:26	FRAME	METAL	D	INTACT	WHITE	BASEMENT	OFFICES	Negative	0.4	0.3
181	11/25/2009 12:29	WALL	PLASTER	B	INTACT	GREEN	BASEMENT	OFFICES	Negative	0	0.02
182	11/25/2009 12:29	WALL	BLOCK	A	INTACT	GREEN	BASEMENT	OFFICES	Negative	0	0.02
183	11/25/2009 12:29	WINDOW WINDOW	WOOD	A	INTACT	WHITE	BASEMENT	OFFICES	Negative	0	0.02
184	11/25/2009 12:30	FRAME	WOOD	A	INTACT	WHITE	BASEMENT	OFFICES	Negative	0	0.02
185	11/25/2009 12:30	WINDOW SILL	WOOD	A	INTACT	WHITE	BASEMENT	OFFICES	Negative	0	0.02
186	11/25/2009 12:30	COLUMN	METAL	A	INTACT	GREEN	BASEMENT	OFFICES	Negative	0	0.02
187	11/25/2009 12:33	WALL	BLOCK	D	INTACT	WHITE	BASEMENT	STAIRWELL	Negative	0.01	0.03
188	11/25/2009 12:33	DOOR	METAL	B	INTACT	WHITE	BASEMENT	STAIRWELL	Negative	0.26	0.36
189	11/25/2009 12:33	DOOR FRAME	METAL	B	INTACT	WHITE	BASEMENT	STAIRWELL	Negative	0.24	0.31
190	11/25/2009 12:34	HANDRAIL	METAL	B	INTACT	WHITE	BASEMENT	STAIRWELL	Negative	0	0.03
191	11/25/2009 12:34	NEWEL POST	METAL	B	INTACT	WHITE	BASEMENT	STAIRWELL	Negative	0	0.02
192	11/25/2009 12:35	STRINGER	METAL	B	FAIR	WHITE	BASEMENT	STAIRWELL	Negative	0.7	0.3
193	11/25/2009 12:36	UNDER STAIR SUPPORT	METAL	B	INTACT	WHITE	BASEMENT	STAIRWELL	Negative	0.01	0.05
194	11/25/2009 12:36	BEAM	METAL	B	INTACT	WHITE	BASEMENT	STAIRWELL	Negative	0.7	0.2
195	11/25/2009 12:37	PIPE	METAL	B	POOR	WHITE	BASEMENT	STAIRWELL	Negative	0	0.02
197	11/25/2009 12:39	CEILING	CONCRETE	B	INTACT	WHITE	BASEMENT	STAIRWELL	Negative	0	0.02
198	11/25/2009 12:43	WALL	BLOCK	A	INTACT	WHITE	BASEMENT	OFFICES	Negative	0	0.02
199	11/25/2009 12:43	DOOR	METAL	D	INTACT	WHITE	FIRST	OFFICES	Negative	0.4	0.5
200	11/25/2009 12:44	DOOR FRAME	METAL	D	INTACT	WHITE	FIRST	OFFICES	Negative	0.6	0.3
201	11/25/2009 12:44	WINDOW WINDOW	WOOD	B	INTACT	WHITE	FIRST	OFFICES	Negative	0	0.02
202	11/25/2009 12:44	FRAME	WOOD	B	INTACT	WHITE	FIRST	OFFICES	Negative	0	0.02
203	11/25/2009 12:45	WINDOW SILL	WOOD	B	INTACT	WHITE	FIRST	OFFICES	Negative	0	0.02
204	11/25/2009 12:46	WALL	PLASTER	C	INTACT	WALLPAPER	FIRST	OFFICES	Negative	0	0.02
205	11/25/2009 12:47	WALL	DRYWALL	A	INTACT	WALLPAPER	FIRST	OFFICES	Negative	0	0.02
206	11/25/2009 12:47	DOOR FRAME	METAL	B	INTACT	WHITE	FIRST	OFFICES	Negative	0	0.02
207	11/25/2009 12:47	BASEBOARD	WOOD	C	INTACT	WHITE	FIRST	OFFICES	Negative	0	0.02
208	11/25/2009 12:48	DOOR FRAME	METAL	A	INTACT	WHITE	FIRST	OFFICES	Negative	0.14	0.33
209	11/25/2009 12:48	DOOR FRAME	METAL	C	INTACT	WHITE	FIRST	OFFICES	Negative	0.5	0.5
210	11/25/2009 12:48	DOOR	METAL	C	INTACT	WHITE	FIRST	OFFICES	Negative	0.12	0.27
211	11/25/2009 12:49	BASEBOARD	METAL	A	INTACT	WHITE	FIRST	OFFICES	Negative	0	0.03
212	11/25/2009 12:50	WALL	DRYWALL	A	INTACT	WALLPAPER	FIRST	OFFICES	Negative	0	0.02

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213	11/25/2009 12:51	DOOR	METAL	D	INTACT	WHITE	FIRST	OFFICES	Negative	0.09	0.14
214	11/25/2009 12:51	DOOR FRAME	METAL	D	INTACT	WHITE	FIRST	OFFICES	Negative	0.3	0.49
215	11/25/2009 12:52	BASEBOARD	WOOD	A	INTACT	WHITE	FIRST	OFFICES	Negative	0	0.02
216	11/25/2009 12:54	WALL	DRYWALL	B	INTACT	WALLPAPER	FIRST	BATHROOM	Negative	0	0.02
217	11/25/2009 12:55	DOOR	METAL	B	INTACT	WHITE	FIRST	BATHROOM	Negative	0.21	0.38
218	11/25/2009 12:55	WINDOW WINDOW	WOOD	D	INTACT	WHITE	FIRST	BATHROOM	Negative	0	0.02
219	11/25/2009 12:56	FRAME	WOOD	D	INTACT	WHITE	FIRST	BATHROOM	Negative	0	0.02
220	11/25/2009 12:56	BASEBOARD	WOOD	D	INTACT	WHITE	FIRST	BATHROOM	Negative	0	0.02
221	11/25/2009 12:57	WALL	DRYWALL	A	INTACT	BEIGE	FIRST	OFFICES	Negative	0	0.02
222	11/25/2009 12:58	WALL	BLOCK	C	INTACT	BEIGE	FIRST	OFFICES	Negative	0	0.02
223	11/25/2009 12:58	DOOR FRAME	METAL	D	INTACT	WHITE	FIRST	OFFICES	Negative	0.6	0.4
224	11/25/2009 12:59	WINDOW WINDOW	WOOD	B	INTACT	WHITE	FIRST	OFFICES	Negative	0.01	0.07
225	11/25/2009 12:59	FRAME	WOOD	B	INTACT	WHITE	FIRST	OFFICES	Negative	0	0.02
226	11/25/2009 12:59	WINDOW SILL	WOOD	B	INTACT	WHITE	FIRST	OFFICES	Negative	0	0.03
227	11/25/2009 13:03	WALL	BLOCK	A	INTACT	BLUE	BASEMENT	OFFICES	Negative	0	0.02
228	11/25/2009 13:04	COLUMN	CONCRETE	A	INTACT	BLUE	BASEMENT	OFFICES	Negative	0	0.02
229	11/25/2009 13:04	FLOOR	CONCRETE	A	INTACT	GRAY	BASEMENT	OFFICES	Negative	0.01	0.02
230	11/25/2009 13:04	DOOR	METAL	B	INTACT	RED	BASEMENT	OFFICES	Negative	0.18	0.19
231	11/25/2009 13:05	DOOR FRAME	METAL	B	INTACT	RED	BASEMENT	OFFICES	Negative	0.25	0.25
232	11/25/2009 13:05	LINTLE	METAL	B	INTACT	BLUE	BASEMENT	OFFICES	Negative	0.01	0.04
233	11/25/2009 13:06	PIPE	METAL	D	INTACT	BLUE	BASEMENT	OFFICES	Negative	0.06	0.25
234	11/25/2009 13:07	PIPE CONTRL	METAL	C	INTACT	RED	BASEMENT	OFFICES	Negative	0	0.02
235	11/25/2009 13:08	PANEL	METAL	C	INTACT	RED	BASEMENT	OFFICES	Negative	0	0.04
236	11/25/2009 13:09	DOOR	METAL	B	INTACT	RED	EXTERIOR	EXTERIOR	Negative	0.19	0.24
237	11/25/2009 13:09	DOOR FRAME	METAL	B	INTACT	RED	EXTERIOR	EXTERIOR	Negative	0.3	0.35
238	11/25/2009 13:09	LOUVRE LOUVRE	METAL	B	INTACT	RED	EXTERIOR	EXTERIOR	Negative	-0.83	1.67
239	11/25/2009 13:10	FRAME	METAL	B	INTACT	RED	EXTERIOR	EXTERIOR	Negative	0.03	0.03
240	11/25/2009 13:10	TRANSOM	METAL	B	INTACT	RED	EXTERIOR	EXTERIOR	Negative	0.4	0.4
241	11/25/2009 13:12	WINDOW	WOOD	C	INTACT	WHITE	EXTERIOR	EXTERIOR	Negative	0.5	0.5
242	11/25/2009 13:13	WINDOW	WOOD	D	INTACT	WHITE	EXTERIOR	EXTERIOR	Negative	0	0.04
243	11/25/2009 13:14	WINDOW SILL	CONCRETE	D	POOR	WHITE	EXTERIOR	EXTERIOR	Negative	0.01	0.02
244	11/25/2009 13:15	DOOR	METAL	D	POOR	GREEN	EXTERIOR	EXTERIOR	Negative	0.22	0.26
245	11/25/2009 13:15	DOOR FRAME	METAL	D	POOR	GREEN	EXTERIOR	EXTERIOR	Negative	0.25	0.28

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

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246	11/25/2009 13:17	DOOR TO CTYARD	METAL		D	POOR	WHITE	EXTERIOR	EXTERIOR	Negative	0	0.02
247	11/25/2009 13:19	WINDOW SILL	CONCRETE		A	INTACT	WHITE	EXTERIOR	EXTERIOR	Negative	0	0.02
248	11/25/2009 13:20	WALL	BRICK		A	INTACT	WHITE	EXTERIOR	EXTERIOR	Negative	0	0.02
249	11/25/2009 13:20	SHUTTER	WOOD		A	INTACT	GREEN	EXTERIOR	EXTERIOR	Negative	0	0.02
405	11/25/2009 16:49	POSTCAL A		1.04		0.8-1.2				Negative	0.9	0.1
406	11/25/2009 16:50	POSTCAL B		1.04		0.8-1.2				Negative	0.9	0.1
407	11/25/2009 16:51	POSTCAL C		1.04		0.8-1.2				Negative	0.9	0.1

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BUILDING # 8
SELC PROJECT # 2009-1073

Readir	Time	Component	Substrate	Side	Condition	Color	Floor	Room	Results	PbC	PbC Error
3	11/20/2009 7:58	PRECAL A	1.04	RANGE	0.8-1.2				Positive	1.1	0.1
4	11/20/2009 7:58	PRECAL B	1.04	RANGE	0.8-1.2				Negative	0.9	0.1
5	11/20/2009 7:59	PRECAL C	1.04	RANGE	0.8-1.2				Positive	1.1	0.1
118	11/20/2009 10:55	WALL	PLASTER	B	INTACT	WHITE	FIRST	FOYER	Positive	1.6	0.5
119	11/20/2009 10:55	DOOR	WOOD	A	INTACT	WHITE	FIRST	FOYER	Positive	7.7	6.5
120	11/20/2009 10:55	DOOR FRAME	WOOD	A	INTACT	WHITE	FIRST	FOYER	Positive	8.7	7.2
121	11/20/2009 10:56	TRANSOM	WOOD	A	INTACT	WHITE	FIRST	FOYER	Positive	13	9
124	11/20/2009 10:57	CEILING	PLASTER	A	INTACT	WHITE	FIRST	FOYER	Positive	1.5	0.5
131	11/20/2009 11:01	WALL	PLASTER	D	INTACT	WHITE	FIRST	HALLWAY	Positive	1.3	0.3
133	11/20/2009 11:02	DOOR	WOOD	D	INTACT	WHITE	FIRST	HALLWAY	Negative	0.19	0.47
134	11/20/2009 11:02	DOOR FRAME	WOOD	D	INTACT	WHITE	FIRST	HALLWAY	Positive	8	6.8
135	11/20/2009 11:02	BASEBOARD	WOOD	D	INTACT	WHITE	FIRST	HALLWAY	Positive	7.4	5.3
136	11/20/2009 11:03	CEILING	PLASTER	D	INTACT	WHITE	FIRST	HALLWAY	Positive	1.3	0.3
137	11/20/2009 11:04	WALL	PLASTER	B	INTACT	WHITE	FIRST	LIVING ROOM	Negative	0.01	0.03
138	11/20/2009 11:04	DOOR	PLASTER	D	INTACT	WHITE	FIRST	LIVING ROOM	Negative	0.01	0.05
139	11/20/2009 11:04	DOOR FRAME	PLASTER	D	INTACT	WHITE	FIRST	LIVING ROOM	Negative	0	0.03
140	11/20/2009 11:05	BASEBOARD	WOOD	D	INTACT	WHITE	FIRST	LIVING ROOM	Negative	0	0.03
141	11/20/2009 11:05	BASEBOARD RPT	WOOD	D	INTACT	WHITE	FIRST	LIVING ROOM	Positive	7.9	5.4
142	11/20/2009 11:05	WINDOW	WOOD	A	INTACT	WHITE	FIRST	LIVING ROOM	Positive	5.7	3.5
143	11/20/2009 11:06	WINDOW FRAME	WOOD	A	INTACT	WHITE	FIRST	LIVING ROOM	Positive	10.4	7.7
144	11/20/2009 11:06	WINDOW SILL	WOOD	A	INTACT	WHITE	FIRST	LIVING ROOM	Positive	11.3	8.3
146	11/20/2009 11:07	CEILING	PLASTER	A	INTACT	WHITE	FIRST	LIVING ROOM	Negative	0.01	0.02
147	11/20/2009 11:08	MANTLE	WOOD	B	INTACT	WHITE	FIRST	LIVING ROOM	Positive	6.7	5
148	11/20/2009 11:08	WALL	WOOD	B	INTACT	WHITE	FIRST	PORCH	Negative	0	0.02
149	11/20/2009 11:09	BASEBOARD	WOOD	B	INTACT	WHITE	FIRST	PORCH	Negative	0.01	0.04
150	11/20/2009 11:09	CEILING CROWN	DRYWALL	B	INTACT	WHITE	FIRST	PORCH	Negative	0.01	0.05
151	11/20/2009 11:10	MOLDING	WOOD	D	INTACT	WHITE	FIRST	PORCH	Negative	0	0.03
152	11/20/2009 11:10	TRIM	WOOD	D	INTACT	WHITE	FIRST	PORCH	Negative	0.01	0.05
153	11/20/2009 11:11	WALL	PLASTER	D	INTACT	WHITE	FIRST	KITCHEN	Negative	0.04	0.07
155	11/20/2009 11:12	DOOR	WOOD	D	INTACT	WHITE	FIRST	KITCHEN	Positive	7.2	5.2
156	11/20/2009 11:12	DOOR FRAME	WOOD	D	INTACT	WHITE	FIRST	KITCHEN	Positive	7.2	5.1
157	11/20/2009 11:12	WINDOW FRAME	WOOD	C	INTACT	WHITE	FIRST	KITCHEN	Positive	7.9	5.3
158	11/20/2009 11:12	WINDOW SILL	WOOD	C	INTACT	WHITE	FIRST	KITCHEN	Positive	2.2	1.2
159	11/20/2009 11:13	BASEBOARD	WOOD	B	INTACT	WHITE	FIRST	KITCHEN	Positive	6.2	5.1

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160	11/20/2009 12:56	MIDCAL		1.04	0.8-1.2				Negative	0.9	0.1
161	11/20/2009 12:56	MIDCAL B		1.04	0.8-1.2				Negative	0.9	0.1
162	11/20/2009 12:57	MIDCAL C		1.04	0.8-1.2				Negative	0.9	0.1
163	11/20/2009 12:59	HANDRAIL	WOOD	B	INTACT	WHITE	FIRST	STAIRWELL	Negative	0.28	0.65
164	11/20/2009 13:00	NEWEL POST	WOOD	B	INTACT	WHITE	FIRST	STAIRWELL	Negative	0.4	0.5
165	11/20/2009 13:00	BALUSTRADE	WOOD	B	INTACT	WHITE	FIRST	STAIRWELL	Positive	7.5	5.1
166	11/20/2009 13:01	STRINGER	WOOD	B	INTACT	WHITE	FIRST	STAIRWELL	Positive	9.9	7.5
167	11/20/2009 13:01	RISER	WOOD	B	INTACT	WHITE	FIRST	STAIRWELL	Positive	3.5	2.3
168	11/20/2009 13:02	WINDOW	WOOD	C	INTACT	WHITE	SECOND	STAIRWELL	Positive	13.2	8.9
169	11/20/2009 13:03	WINDOW FRAME	WOOD	C	INTACT	WHITE	SECOND	STAIRWELL	Positive	4.4	3.4
170	11/20/2009 13:04	WINDOW SILL	WOOD	C	INTACT	WHITE	SECOND	STAIRWELL	Positive	1.9	0.6
171	11/20/2009 13:04	BASEBOARD	WOOD	C	INTACT	WHITE	SECOND	STAIRWELL	Positive	7.5	5.2
172	11/20/2009 13:05	WALL	PLASTER	D	INTACT	WHITE	SECOND	HALLWAY	Negative	0.01	0.03
173	11/20/2009 13:06	CEILING	PLASTER	D	INTACT	WHITE	SECOND	HALLWAY	Negative	0	0.02
174	11/20/2009 13:06	BASEBOARD	PLASTER	A	INTACT	WHITE	SECOND	HALLWAY	Positive	5.8	4.6
175	11/20/2009 13:07	WALL	PLASTER	B	INTACT	WHITE	SECOND	BEDROOM 1	Negative	0	0.02
176	11/20/2009 13:07	DOOR	WOOD	B	INTACT	WHITE	SECOND	BEDROOM 1	Negative	0.23	0.67
177	11/20/2009 13:07	DOOR FRAME	WOOD	B	INTACT	WHITE	SECOND	BEDROOM 1	Positive	9.9	7.4
178	11/20/2009 13:08	WINDOW	WOOD	D	INTACT	WHITE	SECOND	BEDROOM 1	Positive	7.1	5.2
179	11/20/2009 13:08	WINDOW FRAME	WOOD	D	INTACT	WHITE	SECOND	BEDROOM 1	Positive	8.5	7.4
180	11/20/2009 13:09	WINDOW SILL	WOOD	D	INTACT	WHITE	SECOND	BEDROOM 1	Positive	9.9	7.8
181	11/20/2009 13:09	CLOSET DOOR CLOSET DOOR	WOOD	D	INTACT	WHITE	SECOND	BEDROOM 1	Negative	0	0.02
182	11/20/2009 13:09	FRAME	WOOD	D	INTACT	WHITE	SECOND	BEDROOM 1	Negative	0.01	0.05
183	11/20/2009 13:11	WALL	PLASTER	C	INTACT	WHITE	SECOND	BATHROOM 1	Negative	0.03	0.03
184	11/20/2009 13:11	WALL	WOOD	C	INTACT	WHITE	SECOND	BATHROOM 1	Negative	0	0.02
185	11/20/2009 13:11	CHAIR RAIL	WOOD	C	INTACT	WHITE	SECOND	BATHROOM 1	Negative	0.01	0.04
187	11/20/2009 13:12	CEILING	PLASTER	C	INTACT	WHITE	SECOND	BATHROOM 1	Positive	2	0.8
188	11/20/2009 13:13	WINDOW	WOOD	B	INTACT	WHITE	SECOND	BATHROOM 1	Positive	9	7.4
189	11/20/2009 13:13	WINDOW FRAME CROWN	WOOD	B	INTACT	WHITE	SECOND	BATHROOM 1	Positive	6.2	4.9
190	11/20/2009 13:14	MOLDING	WOOD	A	INTACT	WHITE	SECOND	BATHROOM 1	Negative	0	0.02
191	11/20/2009 13:15	DOOR	WOOD	B	INTACT	WHITE	SECOND	BATHROOM 2	Negative	0.09	0.17
192	11/20/2009 13:15	DOOR FRAME	WOOD	B	INTACT	WHITE	SECOND	BATHROOM 2	Positive	4.8	2.5
193	11/20/2009 13:16	SHELF	WOOD	B	INTACT	WHITE	SECOND	BATHROOM 2	Negative	0.08	0.29
194	11/20/2009 13:16	SHELF SUPPORT	WOOD	B	INTACT	WHITE	SECOND	BATHROOM 2	Negative	0.14	0.14
195	11/20/2009 13:17	FLOOR	WOOD	B	INTACT	GRAY	SECOND	BATHROOM 2	Negative	0.07	0.15

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SELC PROJECT # 2009-1073

196	11/20/2009 13:17	ACCESS DOOR	WOOD	B	INTACT	WHITE	SECOND	BATHROOM 2	Positive	4.2	2.5
		ACCESS DOOR									
197	11/20/2009 13:17	FRAME	WOOD	B	INTACT	WHITE	SECOND	BATHROOM 2	Positive	3.3	1.8
198	11/20/2009 13:18	HANDRAIL	WOOD	B	INTACT	WHITE	SECOND	STAIRWELL	Negative	0.11	0.27
199	11/20/2009 13:19	NEWEL POST	WOOD	B	INTACT	WHITE	SECOND	STAIRWELL	Negative	0.27	0.7
200	11/20/2009 13:19	BALUSTRADE	WOOD	B	INTACT	WHITE	SECOND	STAIRWELL	Positive	8	6.8
201	11/20/2009 13:19	STRINGER	WOOD	B	INTACT	WHITE	SECOND	STAIRWELL	Positive	7.2	5.2
202	11/20/2009 13:19	RISER	WOOD	B	INTACT	WHITE	SECOND	STAIRWELL	Positive	10.3	7.6
203	11/20/2009 13:20	HEADER	WOOD	A	INTACT	WHITE	SECOND	STAIRWELL	Positive	7.9	5.4
204	11/20/2009 13:22	WALL	PLASTER	A	INTACT	WHITE	ATTIC	ATTIC	Negative	0.22	0.05
205	11/20/2009 13:23	CEILING	PLASTER	A	INTACT	WHITE	ATTIC	ATTIC	Negative	0.02	0.02
206	11/20/2009 13:24	WINDOW	WOOD	D	INTACT	WHITE	ATTIC	ATTIC	Positive	8.2	5.4
207	11/20/2009 13:24	WINDOW FRAME	WOOD	D	INTACT	WHITE	ATTIC	ATTIC	Positive	8.4	7
208	11/20/2009 13:24	BASEBOARD	WOOD	D	INTACT	WHITE	ATTIC	ATTIC	Positive	7.6	5.2
209	11/20/2009 13:25	CEILING	WOOD	A	INTACT	WHITE	ATTIC	BATHROOM	Negative	0	0.03
210	11/20/2009 13:25	CABINET DOOR	WOOD	A	INTACT	WHITE	ATTIC	BATHROOM	Negative	0	0.02
211	11/20/2009 13:26	CLOSET SHELF	WOOD	A	INTACT	WHITE	ATTIC	HALLWAY	Negative	0.11	0.46
		CLOSET SHELF									
212	11/20/2009 13:26	SUPPORT	WOOD	A	INTACT	WHITE	ATTIC	HALLWAY	Positive	4.8	2.5
		CLOSET COAT									
213	11/20/2009 13:27	RACK	WOOD	A	INTACT	WHITE	ATTIC	HALLWAY	Positive	3.7	2.3
215	11/20/2009 13:30	WALL	PLASTER	D	INTACT	WHITE	BASEMENT	STAIRWELL	Negative	0.11	0.03
216	11/20/2009 13:31	CEILING	PLASTER	D	INTACT	WHITE	BASEMENT	STAIRWELL	Negative	0.12	0.03
217	11/20/2009 13:31	HEADER	WOOD	A	INTACT	WHITE	BASEMENT	STAIRWELL	Positive	5.9	4.5
218	11/20/2009 13:32	HANDRAIL	WOOD	C	INTACT	GRAY	BASEMENT	STAIRWELL	Positive	13.6	9.3
219	11/20/2009 13:32	NEWEL POST	WOOD	C	INTACT	GRAY	BASEMENT	STAIRWELL	Positive	14.1	9.8
220	11/20/2009 13:32	BALUSTRADE	WOOD	C	INTACT	GRAY	BASEMENT	STAIRWELL	Negative	0.03	0.1
221	11/20/2009 13:34	WALL	CONCRETE	C	POOR	WHITE	BASEMENT	LAUNDRY ROOM	Positive	1.3	0.3
222	11/20/2009 13:35	PIPE	METAL	C	FAIR	WHITE	BASEMENT	LAUNDRY ROOM	Negative	0.07	0.14
223	11/20/2009 13:36	BASEBOARD	WOOD	A	POOR	GRAY	BASEMENT	LAUNDRY ROOM	Negative	0.04	0.19
224	11/20/2009 13:36	FLOOR	CONCRETE	A	POOR	GRAY	BASEMENT	ROOM	Negative	0.05	0.03
225	11/20/2009 13:37	UNDER STAIRS	WOOD	A	POOR	WHITE	BASEMENT	STORAGE	Negative	0	0.03
227	11/20/2009 13:38	WALL	CONCRETE	C	POOR	WHITE	BASEMENT	STORAGE	Positive	1.4	0.4
228	11/20/2009 13:38	DOOR	WOOD	D	POOR	WHITE	BASEMENT	STORAGE	Positive	3.7	2.6

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BUILDING # 8
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229	11/20/2009 13:38	DOOR FRAME	WOOD	D	POOR	WHITE	BASEMENT	STORAGE	Negative	0.01	0.04
231	11/20/2009 13:40	METER PANEL	METAL	D	CRACKED	WHITE	BASEMENT	STORAGE	Negative	0.17	0.04
232	11/20/2009 13:40	SUPPORT BEAM CRAWL SPACE	METAL	D	POOR	WHITE	BASEMENT	STORAGE	Positive	17.5	11.2
233	11/20/2009 13:42	DOOR CRAWL SPACE	WOOD	D	FAIR	WHITE	BASEMENT	STORAGE	Positive	5.3	4.2
234	11/20/2009 13:42	DOOR FRAME	WOOD	D	POOR	WHITE	BASEMENT	STORAGE	Positive	8.8	7.5
235	11/20/2009 13:43	STALL	WOOD	B	POOR	WHITE	BASEMENT	BATHROOM	Positive	1.6	0.6
236	11/20/2009 13:43	DOOR	WOOD	C	POOR	WHITE	BASEMENT	BATHROOM	Negative	0.08	0.16
237	11/20/2009 13:43	DOOR FRAME	METAL	C	POOR	WHITE	BASEMENT	BATHROOM	Positive	3	1.9
238	11/20/2009 13:44	SHELVING	WOOD	A	FAIR	WHITE	BASEMENT	STORAGE	Negative	0	0.02
239	11/20/2009 13:45	SHELVING	WOOD	C	FAIR	WHITE	FIRST	HALLWAY	Negative	0	0.02
240	11/20/2009 13:46	DOOR	WOOD	A	POOR	WHITE	EXTERIOR	PORCH FRONT PORCH	Positive	35.5	28.8
241	11/20/2009 13:47	DOOR FRAME	WOOD	A	POOR	WHITE	EXTERIOR	PORCH FRONT PORCH	Positive	3.3	2.1
242	11/20/2009 13:47	COLUMN	WOOD	A	POOR	WHITE	EXTERIOR	PORCH FRONT PORCH	Positive	45.9	35.3
243	11/20/2009 13:47	TRANSOM	WOOD	A	POOR	WHITE	EXTERIOR	FRONT	Positive	37.4	30
244	11/20/2009 13:48	WINDOW	WOOD	A	POOR	WHITE	EXTERIOR	EXTERIOR	Positive	42.8	32.2
245	11/20/2009 13:48	WINDOW FRAME	WOOD	A	POOR	WHITE	EXTERIOR	EXTERIOR	Positive	45.7	35.5
246	11/20/2009 13:50	HANDRAIL	METAL	A	POOR	BLACK	EXTERIOR	EXTERIOR	Positive	4.1	2.9
247	11/20/2009 13:50	NEWEL POST	METAL	A	POOR	BLACK	EXTERIOR	EXTERIOR	Positive	3.6	2.1
248	11/20/2009 13:52	CANOPY CANOPY	METAL	D	POOR	WHITE	EXTERIOR	EXTERIOR	Negative	0	0.03
250	11/20/2009 13:52	SUPPORT	METAL	D	POOR	WHITE	EXTERIOR	EXTERIOR	Negative	0.25	0.47
251	11/20/2009 13:54	LINTLE	METAL	C	POOR	WHITE	EXTERIOR	EXTERIOR	Positive	15.3	10.4
252	11/20/2009 14:13	HANDRAIL	WOOD	B	POOR	WHITE	EXTERIOR	PORCH	Positive	2.3	1.2
253	11/20/2009 14:13	NEWEL POST	WOOD	B	POOR	WHITE	EXTERIOR	PORCH	Positive	3.6	2.4
254	11/20/2009 14:14	LADDER	METAL	B	POOR	BLACK	EXTERIOR	PORCH	Negative	0.14	0.45
255	11/20/2009 14:16	SOFFIT	WOOD	B	INTACT	WHITE	EXTERIOR	EXTERIOR	Positive	35.6	29.3
256	11/20/2009 14:16	FASCIA	WOOD	B	INTACT	WHITE	EXTERIOR	EXTERIOR	Positive	40	31.6
257	11/20/2009 14:18	LADDER RPT	METAL	B	POOR	BLACK	EXTERIOR	EXTERIOR	Negative	0.08	0.33
258	11/20/2009 14:35	POSTCAL A	1.04		0.8-1.2				Negative	0.9	0.1
259	11/20/2009 14:36	POSTCAL B	1.04		0.8-1.2				Negative	0.9	0.1
260	11/20/2009 14:37	POSTCAL C	1.04		0.8-1.2				Positive	1	0.1

THE ACTION LEVEL / POSITIVE THRESHOLD FOR LEAD IN PAINT IS 1.0 mg/cm^2.

XRF TESTING SUMMARY TABLE

BUILDING 1 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
INTERIOR						
CONCRETE CEILING	PIPE BASEMENT	1	0	1	0	NEGATIVE
PLASTER CEILING	ABOVE DROP CEILING ALL FLOORS AND BASEMENT	5	1	4	20	
CONCRETE COLUMNS	ATTIC	3	0	3	0	NEGATIVE
METAL DOORS	THROUGH OUT BUILDING	17	2	15	12	
WOODEN DOORS	THROUGH OUT BUILDING	30	0	30	0	NEGATIVE
METAL DOOR FRAMES	THROUGH OUT BUILDING	34	11	23	32	
WOODEN DORMERS	ATTIC	3	3	0	100	POISTIVE
METAL DUCTS	MECHANICAL AREA	3	3	0	100	POSITIVE
METAL FIRE CABINET, SPRINKLER AND PIPE SYSTEM	THROUGH OUT BUILDING	8	0	8	0	NEGATIVE
CONCRETE FLOORS	MECHANICAL AREA AND PIPE BASEMENT	2	0	2	0	NEGATIVE
METAL HANDRAILS AND POSTS	STAIRWELLS	6	1	6	17	
CONCRETE MACHINE PLATFORMS	MECHANICAL AREA	3	1	2	34	
METAL RADIATORS	STAIRWELL	2	0	2	0	NEGATIVE
METAL STAIRS	STAIRWELL	5	0	5	0	NEGATIVE
WOODEN STAIRS	ATTIC	2	0	2	0	NEGATIVE
CERAMIC WALLS	ATTIC	3	0	3	0	NEGATIVE
CONCRETE WALLS	PIPE BASEMENT	2	0	2	0	NEGATIVE
DRYWALL WALLS	THROUGH OUT BUILDING	66	0	66	0	NEGATIVE
PLASTER WALLS	THROUGH OUT BULDING	13	0	13	0	NEGATIVE
WOODEN WALL TRIM	LOBBY	6	6	0	6	POSITVE
WOODEN WALL	ATTIC	3	2	1	67	POSITIVE
EXTERIOR						
METAL BURGLER BARS	EXTERIOR	1	0	1	0	NEGATIVE
METAL HANDRAIL	EXTERIOR	2	1	1	50	
CONCRETE AND METAL LIGHT FIXTURES	OUTSIDE BUILDING	2	0	2	0	NEGATIVE
CONCRETE THRESHOLD	EXTERIOR	1	0	1	0	NEGATIVE
METAL WINDOW LINTLE	EXTERIOR	2	2	0	100	POSITIVE

XRF TESTING SUMMARY TABLE

BUILDING 12 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
INTERIOR						
METAL DOOR	WAREHOUSE	2	1	1	50	POSITIVE
METAL DOOR FRAME	WAREHOUSE	2	1	1	50	POSITVE
WOODEN DOOR	BATHROOM AND OFFICE	2	1	1	50	POSITIVE
WOODEN DOOR FRAME	BATHROOM AND OFFICE	3	2	1	67	POSITIVE
METAL FIRE SPRINKLER	BREAKROOM	2	0	2	0	NEGATIVE
CONCRETE FLOOR	BATHROOM	1	1	0	100	POSITIVE
CONCRETE MARKING PAINT	WAREHOUSE	3	2	1	67	POSITIVE
METAL RADIATORS	BATHROOM AND OFFICE	2	0	2	0	NEGATIVE
WOODEN ROOF BEAMS AND DECKING		2	2	0	100	POSITIVE
METAL ROOF STRUCTURAL STEEL		2	2	0	100	POSITIVE
METAL SAFE DOOR	OFFICE	1	1	0	100	POSITIVE
METAL SERVICE WINDOW	WAREHOUSE	1	1	0	100	POSITIVE
METAL STALL	BATHROOM	1	1	0	100	POSITIVE
STRUCTURAL STEEL I BEAM	REAR WAREHOUSE	3	0	3	0	NEGATIVE
BLOCK, BRICK AND CONCRETE WALLS	WAREHOUSE AND BREAKROOM	3	0	3	0	NEGATIVE
PLASTER WALLS	OFFICE AND BATHROOM	3	2	1	67	POSITIVE
METAL WINDOWS AND FRAMES	WAREHOUSE, BATHROOM AND OFFICE	5	5	0	100	POSITIVE
EXTERIOR						
METAL AWNING SUPORT	EXTERIOR	1	0	1	0	NEGATIVE
WOODEN DOOR AND FRAME	EXTERIOR	2	0	2	0	NEGATIVE
WOODEN EAVE	EXTERIOR	1	1	0	100	POSITIVE
WOODEN FACSIA	EXTERIOR	1	0	1	0	NEGATIVE
WOODEN HANDRAIL	EXTERIOR	1	0	1	0	NEGATIVE
WOODEN LOADING DOCK	EXTERIOR	1	0	1	0	NEGATIVE
WOODEN SOFFIT	EXTERIOR	1	0	1	0	NEGATIVE
METAL WINDOWS	EXTERIOR	3	0	3	0	NEGATIVE

XRF TESTING SUMMARY TABLE

BUILDING 13 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
EXTERIOR						
METAL DOOR AND FRAME	EXTERIOR	2	0	2	0	NEGATIVE
WOODEN DOOR	EXTERIOR	1	0	1	0	NEGATIVE
WOODEN DOOR FRAME	EXTERIOR	1	1	0	100	POSITIVE
WOODEN FASCIA	EXTERIOR	1	0	1	0	NEGATIVE
METAL LOUVRE VENT	EXTERIOR	1	0	1	0	NEGATIVE
BLOCK WALL	EXTERIOR	1	0	1	0	NEGATIVE
METAL WINDOW	EXTERIOR	1	1	0	100	POSITIVE

XRF TESTING SUMMARY TABLE

BUILDING 14 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
EXTERIOR						
METAL DOOR AND FRAME	EXTERIOR	2	2	0	100	POSITIVE
WOODEN DOOR AND FRAME	EXTERIOR	2	2	0	100	POSITIVE
WOODEN FASCIA	EXTERIOR	1	1	0	100	POSITIVE
METAL GAS VENT PIPE	EXTERIOR	1	0	1	0	NEGATIVE

XRF TESTING SUMMARY TABLE

BUILDING 17 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
INTERIOR						
PLASTER CEILING	WAREHOUSE	1	0	1	0	NEGATIVE
WOODEN DOORS	OFFICE AND PAINT ROOM	4	3	1	75	POSITIVE
WOODEN DOOR FRAMES	WAREHOUSE AND OFFICE	2	1	1	50	POSITIVE
METAL DOOR FRAMES	OFFICE AND PAINT ROOM	2	2	0	100	POSITIVE
METAL FIRE SPRINKLER	WAREHOUSE	1	0	1	0	NEGATIVE
CONCRETE FLOOR	WAREHOUSE AND PAINT ROOM	2	0	2	0	NEGATIVE
METAL FLOOR	WAREHOUSE	1	0	1	0	NEGATIVE
MARKING PAINT	WAREHOUSE	1	1	0	100	POSITIVE
WOODEN STORAGE AND CABINETS	OFFICE AND WAREHOUSE	5	0	5	0	NEGATIVE
METAL STRUCTURAL STEEL	ATTIC	3	3	0	100	POSITIVE
METAL STRUCTURAL STEEL	BIOMED ADD-ON	3	0	3	0	NEGATIVE
BLOCK AND BRICK WALLS	WAREHOUSE AND OFFICE	6	0	6	0	NEGATIVE
DRYWALL WALL	OFFICE	1	0	1	0	NEGATIVE
METAL WINDOWS	OFFICE AND WAREHOUSE	2	0	2	0	NEGATIVE
EXTERIOR						
WOODEN DOORS AND FRAMES	EXTERIOR	3	3	0	100	POSITIVE
METAL EAVE	EXTERIOR	1	1	0	100	POSITIVE
METAL FASCIA	EXTERIOR	1	1	0	100	POSITIVE
WOODEN SOFFIT	EXTERIOR	1	1	0	100	POSITIVE
METAL WINDOW	EXTERIOR	1	0	1	0	NEGATIVE

XRF TESTING SUMMARY TABLE

BUILDING 18 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
INTERIOR						
METAL DOORS AND FRAMES	MECHANICAL AREA AND OFFICE	4	0	4	0	NEGATIVE
WOODEN DOOR	OFFICE	1	1	0	100	POSITIVE
METAL ROOF DECKING		2	1	1	50	POSITIVE
STRUCTURAL STEEL		2	2	0	100	POSITIVE
CONCRETE WALL	MECHANICAL AREA	2	0	2	0	NEGATIVE
METAL WINDOW FRAME	OFFICE	1	0	1	0	NEGATIVE
EXTERIOR						
METAL AWNING POLES	EXTERIOR	1	0	1	0	NEGATIVE
METAL DOCK TRIM PIECES	EXTERIOR	1	0	1	0	NEGATIVE
WOODEN DOOR	EXTERIOR	3	1	2	33	NEGATIVE
METAL DOOR FRAME	EXTERIOR	1	0	1	0	NEGATIVE
WOODEN DOOR FRAME	EXTERIOR	2	1	1	50	POSITIVE
WOODEN EAVE	EXTERIOR	1	1	0	100	POSITIVE
WOODEN FASCIA	EXTERIOR	1	1	0	100	POSITIVE
METAL HANDRAILS	EXTERIOR	1	0	1	0	NEGATIVE
WOODEN SOFFIT	EXTERIOR	1	1	0	100	POSITIVE
BRICK WALL	EXTERIOR	2	0	2	0	NEGATIVE
PLASTER WALL	EXTERIOR	1	0	1	0	NEGATIVE
METAL WINDOW	EXTERIOR	5	2	3	40	POSITIVE

XRF TESTING SUMMARY TABLE

BUILDING 2 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
INTERIOR						
METAL DOORS	OFFICES	5	0	5	0	NEGATIVE
WOODEN DOORS	OFFICES	6	0	6	0	NEGATIVE
METAL DOOR FRAMES	OFFICES	8	0	8	0	NEGATIVE
DRYWALL WALLS	HALLWAY AND OFFICES	4	0	4	0	NEGATIVE
PLASTER WALLS	HALLWAY AND OFFICES	14	1	13	7	NEGATIVE

XRF TESTING SUMMARY TABLE

BUILDING 25 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
EXTERIOR						
CONCRETE WALL	EXTERIOR	3	1	2	33	POSITIVE
WOODEN LOURVE	EXTERIOR	1	1	0	100	POSITIVE
WOODEN DOOR	EXTERIOR	1	0	1	0	NEGATIVE
WOODEN DOOR FRAME	EXTERIOR	1	1	0	100	POSITIVE
WOODEN FASCIA	EXTERIOR	1	1	0	100	POSITIVE
WOODEN SOFFIT	EXTERIOR	1	1	0	100	POSITIVE
METAL ROLL UP DOOR	EXTERIOR	1	1	0	100	POSITIVE
WOODEN ROLL UP DOOR AND FRAME	EXTERIOR	2	2	0	100	POSITIVE
METAL CORNER PROTECTOR	EXTERIOR	1	1	0	100	POSITIVE

XRF TESTING SUMMARY TABLE

BUILDING 27 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
EXTERIOR						
WOODEN ROLL UP DOOR FRAME	EXTERIOR	1	1	0	100	POSITIVE
METAL ROLL UP DOOR	EXTERIOR	1	0	1	0	NEGATIVE
METAL CORNER PROTECTOR	EXTERIOR	2	0	2	0	NEGATIVE
CONCRETE WALL	EXTERIOR	2	0	2	0	NEGATIVE
WOODEN LOUVRE	EXTERIOR	2	1	1	50	POSITIVE
WOODEN SOFFIT	EXTERIOR	1	1	0	100	POSITIVE
WOODEN FASCIA	EXTERIOR	1	1	0	100	POSITIVE

XRF TESTING SUMMARY TABLE

BUILDING 28 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
EXTERIOR						
METAL CORNER PROTECTOR	EXTERIOR	1	1	0	100	POSITIVE
CONCRETE WALL	EXTERIOR	2	0	2	0	NEGATIVE
WOODEN LOUVRE	EXTERIOR	1	1	0	100	POSITIVE
WOODEN FASCIA	EXTERIOR	1	0	1	0	NEGATIVE
WOODEN SOFFIT	EXTERIOR	2	1	1	50	POSITIVE
METAL ROLL UP DOOR	EXTERIOR	1	0	1	0	NEGATIVE
WOODEN ROLL UP DOOR FRAME	EXTERIOR	1	1	0	100	POSITIVE

XRF TESTING SUMMARY TABLE

BUILDING 3 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
INTERIOR						
METAL BALASTRADE	STAIRWELL	1	1	0	100	POSITIVE
CONCRETE BASEBOARD	HALLWAY	1	0	1	0	NEGATIVE
WOODEN BASEBOARD	STAIRWELL	1	0	1	0	NEGATIVE
METAL BEAM	SUB BASEMENT	3	2	1	67	POSITIVE
METAL BOILER	BOILER ROOM	1	1	0	100	POSITIVE
CONCRETE CEILING AND CEILING BEAM	BOILER ROOM, OFFICE, STORAGE	5	3	1	60	POSITIVE
PLASTER CEILING	BATHROOM, OFFICE, STAIRWELL, STORAGE	5	0	5	0	NEGATIVE
CONCRETE COLUMN	MACHINE SHOP	1	0	1	0	NEGATIVE
WOODEN COAT RACK	OFFICE	1	1	0	100	POSITIVE
METAL COLUMN	HALLWAY	2	1	1	50	POSITIVE
PLASTER COLUMN	KITCHEN	1	0	1	0	NEGATIVE
METAL CONTROL PANEL	BOILER ROOM	1	0	1	0	NEGATIVE
WOODEN COVE BASE	KITCHEN	1	0	1	0	NEGATIVE
CONCRETE CURB	BIOLER ROOM	1	1	0	100	POSITIVE
METAL DECK PLATE	BOILER ROOM	1	0	1	0	NEGATIVE
METAL DOORS	THROUGH OUT BUILDING	15	3	12	20	NEGATIVE
WOODEN DOORS	THROUGH OUT BUILDING	6	3	3	50	POSITIVE
METAL DOOR FRAME	THROUGH OUT BUILDING	21	8	13	38	POSITIVE
WOODEN DOOR FRAME	THROUGH OUT BUILDING	6	5	1	83	POSITIVE
METAL DOWNSPOUT	STORAGE	1	0	1	0	NEGATIVE
METAL FIRE BOX	HALLWAY	2	1	1	50	POSITIVE
CONCRETE FLOOR	BATHROOM AND BOILER ROOM	5	0	5	0	NEGATIVE
METAL HANDRAIL	BOILER ROOM, STAIRWELL, STORAGE	5	1	4	20	POSITIVE
METAL HANDRIAL BASE AND SUPPORT	STORAGE AND STAIRWELL	2	0	2	0	NEGATIVE
WOODEN HEADER	STAIRWELL	1	0	1	0	NEGATIVE
METAL LADDER	BOIER ROOM	1	1	0	100	POSITIVE
METAL LIFT	STORAGE	1	0	1	0	NEGATIVE
WOODEN MIRROR AND SHELF	BATHROOM	2	2	0	100	POSITIVE
WOODEN NEWEL POST	STAIRWELL	1	0	1	0	NEGATIVE
METAL PIPE	BOILER ROOM AND MACHINE SHOP	3	0	3	0	NEGATIVE
METAL RADIATOR AND GAS LINE	HALLWAY	2	0	2	0	NEGATIVE
METAL RISER	BOILER ROOM AND STAIRWELL	2	1	1	50	POSITIVE

XRF TESTING SUMMARY TABLE

BUILDING 3 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
WOODEN RISER	STIARWELL	1	0	1	0	NEGATIVE
WOODEN SHELF AND SUPORT	OFFICE	2	0	2	0	NEGATIVE
METAL SLIDING DOOR	BOILER ROOM	1	1	0	100	POSITIVE
CONCRETE STAIR	HALLWAY	1	0	1	0	NEGATIVE
WOOD STRINGER	STAIRWELL	3	1	2	33	POSITIVE
WOODEN TRANSOM	HALLWAY	1	1	0	100	POSITIVE
METAL TREAD	BOILER ROOM AND STAIRWELL	2	1	1	50	POSITIVE
WOODEN TREAD	HALLWAY	1	0	1	0	NEGATIVE
BLOCK WALL	BOILER ROOM	2	0	2	0	NEGATIVE
BRICK WALL	BOILER ROOM AND STORAGE	3	1	2	33	POSITIVE
CONCRETE WALL	STORAGE	1	1	0	100	POSITIVE
DRYWALL WALL	THROUGH OUT BUILDING	4	0	4	0	NEGATIVE
METAL WALL	ELEVATOR	1	0	1	0	NEGATIVE
PLASTER WALL	THROUGH OUT BUILDING	18	1	17	6	NEGATIVE
WOOD WALL	STORAGE AND HALLWAY	2	2	0	100	POSITIVE
METAL WINDOW	BOILER ROOM	1	1	0	100	POSITIVE
WOODEN WINDOW	OFFICE	1	1	0	100	POSITIVE
METAL WINDOW FRAME	BOILER ROOM AND HALLWAY	2	1	1	50	POSITIVE
CONCRETE WINDOW FRAME	OFFICE	1	0	1	0	NEGATIVE
WOODEN WINDOW FRAME AND SASH	THROUGH OUT BUILDING	4	0	4	0	NEGATIVE
METAL WINDOW SILL	STAIRWELL	1	0	1	0	NEGATIVE
PLASTER WINDOW SILL	HALLWAY, OFFICE, STAIRWELL	4	0	4	0	NEGATIVE
EXTERIOR						
WOODEN AC PANEL	EXTERIOR	1	0	1	0	NEGATIVE
METAL BAY DOOR	EXTERIOR	1	0	1	0	NEGATIVE
CONCRETE BAY DOOR HEADER	EXTERIOR	1	1	0	100	POSITIVE
CONCRETE CEILING AND CEILING BEAM	EXTERIOR	2	0	2	0	NEGATIVE
CONCRETE COLUMN	EXTERIOR	1	0	1	0	NEGATIVE
METAL DOOR	EXTERIOR	2	0	2	0	NEGATIVE
METAL DOOR FRAME	EXTERIOR	2	1	1	50	POSITIVE
WOODEN DORMER	ROOF	1	0	1	0	NEGATIVE
METAL HANDRAIL	EXTERIOR	2	0	2	0	NEGATIVE
METAL HVAC SUPPORT BEAM	ROOF	2	0	2	0	NEGATIVE
METAL PIPE	EXTERIOR	2	0	2	0	NEGATIVE
METAL POST	EXTERIOR	1	0	1	0	NEGATIVE

XRF TESTING SUMMARY TABLE

BUILDING 3 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
BRICK STACK	EXTERIOR	1	1	0	100	POSITIVE
METAL STRUCTURAL BEAM	EXTERIOR	1	0	1	0	NEGATIVE
METAL TRANSOM	EXTERIOR	1	0	1	0	NEGATIVE

XRF TESTING SUMMARY TABLE

BUILDING 33 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
INTERIOR						
METAL CAGE	STAIRWELL	1	0	1	0	NEGATIVE
METAL CAGE-FENCE	CAGED PORCHES	3	3	0	100	POSITIVE
PLASTER CEILING	LOBBIES AND ROOMS	2	0	2	0	NEGATIVE
METAL CEILING	ABOVE DROP CEILING	1	0	1	0	NEGATIVE
METAL CRAWLSPACE ACCESS DOOR	BASEMENT	1	1	0	100	POSITIVE
METAL DOOR	STAIRWELL AND ATTIC	2	0	2	0	NEGAITVE
METAL DOOR FRAME	THROUGH OUT BUILDING	13	1	12	8	NEGATIVE
METAL ELECTRIC BOX	MAIN FLOOR AND BASEMENT	2	1	1	50	POSITIVE
METAL FIRE EXTINGISHED BOX	MAIN FLOOR AND BASEMENT	2	0	2	0	NEGATIVE
METAL FIRE SPRINKLER	ATTIC	3	0	3	0	NEGATIVE
CONCRETE FLOOR	MECHANICAL AREA	1	0	1	0	NEGATIVE
METAL HANDRAIL	AROUND SUMP AND STAIRWELLS	3	0	3	0	NEGATIVE
METAL LADDER	TO ATTIC	1	0	1	0	NEGATIVE
METAL STAIRS	STAIRWELL	1	0	1	0	NEGATIVE
STRUCTURAL STEEL	ATTIC	3	3	0	100	POSITIVE
BLOCK WALL	MECHANICAL AREA	1	0	1	0	NEGATIVE
BRICK WALL	CAGED PORCHES AND MECHANICAL AREA	4	0	4	0	NEGATIVE
DRYWALL WALL	HALLS AND LOBBY	6	0	6	0	NEGATIVE
PLASTER WALLS	THROUGH OUT BUILDING	16	2	14	13	NEGATIVE
EXTERIOR						
WOODEN VENTS	ATTIC	1	1	0	100	POSITIVE
METAL DOOR	EXTERIOR	1	1	0	100	POSITIVE
METAL DOOR FRAME	EXTERIOR	1	0	1	0	NEGATIVE
WOODEN HANDRAIL	EXTERIOR	1	0	1	0	NEGATIVE

XRF TESTING SUMMARY TABLE

BUILDING 39 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
INTERIOR						
CONCRETE BASEBOARD	STORAGE	1	1	0	100	POSITIVE
METAL CAGE	STAIRWELL AND STORAGE	4	4	0	100	POSITIVE
CONCRETE CEILING	OFFICE AND STORAGE	2	1	1	50	POSITIVE
PLASTER CEILING	HALLWAY AND STAIRWELL	5	3	2	60	POSITIVE
CONCRETE COLUMN	OFFICE	1	1	0	100	POSITIVE
PLASTER COLUMN	HALLWAY AND MECHANICAL ROOM	2	1	1	50	POSITIVE
METAL DOOR	THROUGH OUT BUILDING	7	1	6	14	NEGATIVE
WOODEN DOOR AND FRAME	THROUGH OUT BUILDING	5	5	0	100	POSITIVE
METAL DOOR FRAME	THROUGH OUT BUILDING	22	16	6	73	POSITIVE
METAL DOOR PANEL	HALLWAY	1	0	1	0	NEGATIVE
METAL ELEVATOR DOOR	HALLWAY	1	0	1	0	NEGATIVE
WOODEN FIRE BOX	HALLWAY	1	0	1	0	NEGATIVE
METAL FIRE BOX FRAME	HALLWAY	1	1	0	100	POSITIVE
WOODEN FIRE DOOR	HALLWAY	3	0	3	0	NEGATIVE
FIRE DOOR FLOOR	HALLWAY	2	0	2	0	NEGATIVE
METAL FIRE DOOR FRAME	HALLWAY	2	1	1	50	POSITIVE
CONCRETE FLOOR	THROUGH OUT BUIDING	6	0	6	0	NEGATIVE
METAL HANDRAIL	STAIRWELL	2	0	2	0	NEGATIVE
WOODEN HANDRAIL	HALLWAY	3	0	3	0	NEGATIVE
METAL PIPE	HALLWAY AND MECHANICAL ROOM	3	0	3	0	NEGATIVE
METAL RADIATOR PANEL	STAIRWELL	2	0	2	0	NEGATIVE
CONCRETE RISER	STAIRWELL	1	0	1	0	NEGATIVE
CONCRETE STRINGER	STAIRWELL	2	0	2	0	NEGATIVE
BLOCK WALL	MECHANICAL ROOM	1	0	1	0	NEGATIVE
PLASTER WALL	THROUGH OUT BUILDING	18	8	10	44	POSITIVE
METAL WINDOW AND FRAME	THROUGH OUT BUILDING	12	11	1	92	POSITIVE
WOODEN WINDOW FRAME	OFFICE	2	0	2	0	NEGATIVE
WOODEN WINDOW SASH	OFFICE	6	2	4	33	POSITIVE
WOODEN WINDOW SILL	OFFICE AND STAIRWELL	9	4	5	44	POSITIVE

XRF TESTING SUMMARY TABLE

BUILDING 39 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
EXTERIOR						
METAL HANDRAIL	ENTRANCE TO BUILDING	2	0	2	0	NEGATIVE
METAL DOOR/DOOR FRAME	ENTRANCE TO BUILDING	2	0	2	0	NEGATIVE
METAL LINTEL	EXTERIOR WINDOW FRAME	1	1	0	100	POSITIVE
DOWNSPOUT	EXTERIOR WALL	1	1	0	100	POSITIVE

XRF TESTING SUMMARY TABLE

BUILDING 4 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
INTERIOR						
WOODEN DOOR	THROUGH OUT BUILDING	9	4	5	44	POSITIVE
WOODEN DOOR FRAME	THROUGH OUT BUILDING	8	7	1	88	POSITIVE
METAL DOOR FRAME	THROUGH OUT BUILDING	5	1	4	20	POSITIVE
METAL DOOR	HALLWAY AND OFFICES	2	0	2	0	NEGATIVE
METAL BALASTRADE	FOYER AND STIARWELL	2	1	1	50	POSITIVE
WOODEN BAR	AUDITORIUM	1	0	1	0	NEGATIVE
WOODEN BASEBOARD	OFFICE, AUDITORIUM AND STAGE	3	3	0	100	POSITIVE
WOODEN CABINET	AUDITORIUM	1	1	0	100	POSITIVE
METAL CAGE	ABOVE DOOR IN FOYER	1	1	0	100	POSITIVE
PLASTER CEILING	FOYER, HALLWAY AND MECHANICAL ROOM	5	1	4	20	NEGATIVE
WOODEN CHAIR RAIL	AUDITORIUM	1	1	0	100	POSITIVE
DRYWALL CEILING	FOYER CLOSET	1	0	1	0	NEGATIVE
CONCRETE FLOOR	FOYER	1	0	1	0	NEGATIVE
METAL COLUMN	HALLWAY AND OFFICE	2	0	2	0	NEGATIVE
WOODEN COLUMN	AUDTIORIUM AND STAGE	2	2	0	100	POSITIVE
METAL FIRE BOX AND FRAME	FOYER	2	0	2	0	NEGATIVE
WOODEN FIRE BOX	STAGE	1	0	1	0	NEGATIVE
METAL FLOOR TRIM	STAGE	1	0	1	0	NEGATIVE
METAL HANDRAIL	AUDITORIUM AND HALLWAY	2	1	1	50	POSITIVE
WOODEN HVAC PANEL	MECHANICAL ROOM	1	0	1	0	NEGATIVE
METAL LADDER	MECHANICAL ROOM AND STAGE	2	1	1	5	POSITIVE
METAL LIGHT COVER	STAGE	1	0	1	0	NEGATIVE
METAL NEWEL POST	FOYER AND STAIRWELL	2	1	1	50	POSITIVE
METAL PIPE	HALLWAY	1	0	1	0	NEGATIVE
METAL RADIATOR	FOYER	2	0	2	0	NEGATIVE
WOODEN RISER	AUDITORIUM	1	0	1	0	NEGATIVE
WOODEN SHELF AND SUPPORT	MECHANICAL ROOM AND STORAGE	3	0	3	0	NEGATIVE
DRYWALL SIGN FRAME	HALLWAY	1	0	1	0	NEGATIVE
WOOD SPLIT DOOR	HALLWAY AND AUDITORIUM	2	0	2	0	NEGATIVE
WOODEN STRINGER	AUDITORIUM AND FOYER	2	1	1	50	POSITIVE
WOODEN TRANSOM	FOYER	1	1	0	100	POSITIVE
METAL TREAD	HALLWAY	1	1	0	100	POSITIVE
BRICK WALL	STORAGE	1	0	1	0	NEGATIVE
DRYWALL WALL	THROUGH OUT BUILDING	7	0	7	0	NEGATIVE
PLASTER WALL	THROUGH OUT BUILDING	13	7	6	54	POSITIVE
WOODEN WALL	AUDITORIUM AND OFFICE	2	1	1	50	POSITIVE

XRF TESTING SUMMARY TABLE

BUILDING 4 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
METAL WINDOW AND WINDOW FRAME	HALLWAY AND STAGE	3	3	0	100	POSITIVE
WOODEN WINDOW AND WINDOW FRAME	THROUGH OUT BUILDING	10	10	0	100	POSITIVE
WOODEN WINDOW SILL	HALLWAY AND STAIRWELL	2	1	1	50	POSITIVE
PLASTER WINDOW SILL	HALLWAY	2	0	2	0	NEGATIVE
EXTERIOR						
METAL AWNING	EXTERIOR	2	0	2	0	NEGATIVE
METAL BALASTRADE	EXTERIOR	2	2	0	100	POSITIVE
METAL BUMPER	EXTERIOR	1	0	1	0	NEGATIVE
METAL HANDRAIL	EXTERIOR	5	0	5	0	NEGATIVE
WOODEN COLUMN	EXTERIOR	2	2	0	100	POSITIVE
METAL DOOR AND DOOR FRAME	EXTERIOR	2	0	2	0	NEGATIVE
WOODEN DOOR	EXTERIOR	2	0	2	0	NEGATIVE
WOODEN DOOR FRAME	EXTERIOR	2	2	0	100	POSITIVE
METAL FIRE HYDRANT	EXTERIOR	2	1	1	50	POSITIVE
METAL HEADER	EXTERIOR	1	0	1	0	NEGATIVE
METAL NEWEL POST	EXTERIOR	2	2	0	100	POSITIVE
METAL PIPE	EXTERIOR	1	0	1	0	NEGATIVE
METAL POST	EXTERIOR	1	0	1	0	NEGATIVE
CONCRETE THRESHOLD	EXTERIOR	1	1	0	100	POSITIVE
METAL TRANSOM	EXTERIOR	1	1	0	100	POSITIVE
BRICK WALL	EXTERIOR	2	2	0	100	POSITIVE
WOODEN WINDOW AND WINDOW FRAME	EXTERIOR	2	2	0	100	POSITIVE

XRF TESTING SUMMARY TABLE

BUILDING 40- OFFICES - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
INTERIOR						
PLASTER CEILING	ROOMS AND STAIRWELL	3	3	0	100	POSITIVE
METAL DOOR	THROUGH OUT AREA	4	0	4	0	NEGATIVE
WOODEN DOOR	HALLS AND ROOMS	3	0	3	0	NEGATIVE
METAL DOOR FRAME	THROUGH OUT AREA	7	4	3	57	POSITIVE
METAL DUCTS	ELEVATOR ROOM	1	0	1	0	NEGATIVE
METAL FENCE	ELEVATOR ROOM	1	0	1	0	NEGATIVE
WOODEN FIRE CABINET DOOR	HALL	1	0	1	0	NEGATIVE
METAL FIRE SPRINKLER		1	0	1	0	NEGATIVE
CONCRETE FLOOR	ELEVATOR ROOM	1	0	1	0	NEGATIVE
METAL HANDRAIL	STAIRWELL	2	1	1	50	POSITIVE
METAL CAGE	STAIRWELL	1	1	0	100	POSITIVE
CONCRETE STAIRS	ELEVATORE ROOM	1	0	1	0	NEGATIVE
METAL STRUCTURAL I BEAM		3	3	0	100	POSITIVE
DRYWALL WALL	ROOMS	1	0	1	0	NEGATIVE
PLASTER WALL	HALL, ROOMS, STAIRWELL	10	9	1	90	POSITIVE
METAL WINDOW	ELEVATOR ROOM	2	2	0	100	POSITIVE
WOODEN WINDOW		1	0	1	0	NEGATIVE
WOODEN WINDOW SILL	ROOMS AND STAIRWELL	3	1	2	33	POSITIVE
METAL AWNING AND SUPPORT	EXTERIOR	3	0	3	0	NEGATIVE
METAL BALISTRADE	EXTERIOR	1	0	1	0	NEGATIVE
METAL DOOR AND FRAME	EXTERIOR	6	0	6	0	NEGATIVE
METAL DOWNSPOUT	EXTERIOR	2	1	1	50	POSITIVE
METAL HANDRAIL AND FENCE	EXTERIOR	4	0	4	0	NEGATIVE
METAL NEWEL POST	EXTERIOR	5	0	5	0	NEGATIVE
METAL WINDOW LINTLE	EXTERIOR	1	1	0	100	POSITIVE

XRF TESTING SUMMARY TABLE

BUILDING 41 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
INTERIOR						
CONCRETE CEILING	BASEMENT	1	1	0	100	POSITIVE
METAL WINDOW	THROUGHOUT	4	4	0	100	POSITIVE
PLASTER WALL	BATHROOM	1	1	0	100	POSITIVE
PLASTER CEILING	BATHROOM	1	0	1	0	NEGATIVE
WOODEN DOOR	BATHROOM AND OFFICE	3	0	3	0	NEGATIVE
WOODEN DOOR FRAME	OFFICE	1	0	1	0	NEGATIVE
METAL DOOR FRAME	BATHROOM	1	0	1	0	NEGATIVE
CONCRETE COLUMN	BASEMENT	1	1	0	100	POSITIVE
WOODEN FIRE EXTINGUISHER CABINET DOOR	BATHROOM	1	0	1	0	NEGATIVE
METAL FIRE SPRINKLER	BASEMENT	1	0	1	0	NEGATIVE
METAL LOCK UP CAGE	OFFICE	1	1	0	1	POSITIVE
BLOCK WALL	BASEMENT	2	0	2	0	NEGATIVE
BRICK WALL	BATHROOM AND OFFICE	3	0	3	0	NEGATIVE
WOODEN WALL	OFFICE	1	0	1	0	NEGATIVE
METAL WATER PIPE	BATHROOM	1	0	1	0	NEGATIVE
EXTERIOR						
BRICKS	AROUND DOOR FRAME	1	0	1	0	NEGATIVE
WOODEN EAVE	EXTERIOR	1	1	0	100	POSITIVE
WOODEN SOFFIT	EXTERIOR	1	1	0	100	POSITIVE
METAL WINDOW	EXTERIOR	3	2	1	67	POSITIVE

XRF TESTING SUMMARY TABLE

BUILDING 46 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
INTERIOR						
WOODEN ARCH	AUDITORIUM	1	0	1	0	NEGATIVE
CONCRETE CEILING	FOYER	1	0	1	0	NEGATIVE
WOODEN CEILING AND TRIM	AUDITORIUM	2	0	2	0	NEGATIVE
WOODEN COAT RACK	STORAGE	1	0	1	0	NEGATIVE
MEATL DOORS AND FRAMES	OFFICES	6	0	6	0	NEGATIVE
WOODEN DOORS AND FRAMES	OFFICES	5	0	5	0	NEGATIVE
CONCRETE FLOOR	OFFICE AND STORAGE	2	0	2	0	NEGATIVE
WOODEN PANEL	AUDITORIUM	1	0	1	0	NEGATIVE
METAL PIPE	OFFICE AND STORAGE	2	0	2	0	NEGATIVE
METAL RADIATOR	OFFICE	1	0	1	0	NEGATIVE
BLOCK WALL	THROUGH OUT BUILDING	3	0	3	0	NEGATIVE
BRICK WALL	STORAGE	1	0	1	0	NEGATIVE
DRYWALL WALL	OFFICE	2	0	2	0	NEGATIVE
PLASTER WALL	FOYER	1	0	1	0	NEGATIVE
WOODEN WINDOW SILL	OFFICE	2	0	2	0	NEGATIVE
METAL STORAGE BOX	STORAGE	1	1	0	100	POSITIVE
EXTERIOR						
CONCRETE CEILING	PORCH	1	0	1	0	NEGATIVE
METAL DOWNSPOUT	EXTERIOR	1	1	0	100	POSITIVE
WOODEN FASCIA	EXTERIOR	1	1	0	100	POSITIVE
METAL SIGN	EXTERIOR	1	1	0	100	POSITIVE
WOODEN SIGN FRAME	EXTERIOR	1	0	1	0	NEGATIVE
METAL SIGN POST	EXTERIOR	1	0	1	0	NEGATIVE
WOODEN SOFFIT	EXTERIOR	1	1	0	100	POSITIVE
WOODEN TRIM	PORCH	1	1	0	100	POSITIVE

XRF TESTING SUMMARY TABLE

BUILDING 5 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
INTERIOR						
METAL BALUSTRADE	FOYER AND STAIRWELL	3	3	0	100	POSITIVE
CONCRETE BASEBOARD	HALLWAY AND STAIRWELL	5	3	2	60	POSITIVE
CONCRETE CEILING	OFFICE AND MECHANIACL ROOM	2	1	1	50	POSITIVE
DRYWALL CEILING	BATHROOM AND STAIRWELL	3	0	3	0	NEGATIVE
PLASTER CEILING	FOYER, OFFICES AND UNDER STAIRWELL	5	2	3	40	POSITIVE
METAL DOOR	FOYER, HALLWAY AND STAIRWELL	6	1	5	17	NEGATIVE
WOODEN DOOR	THROUGH OUT BUILDING	8	1	7	13	NEGATIVE
METAL DOOR FRAME	THROUGH OUT BUILDING	18	9	9	50	POSITIVE
WOODEN DOOR FRAME	FOYER, HALLWAY AND MECHANICAL ROOM	4	2	2	50	POSITIVE
METAL DUCT	MECHANICAL ROOM	1	0	1	0	NEGATIVE
METAL ELECTRICAL PANEL	FOYER	1	0	1	0	NEGATIVE
METAL ELEVATOR DOOR AND FRAME	FOYER	2	0	2	0	NEGATIVE
METAL FIRE BOX DOOR AND FRAME	FOYER AND HALLWAY	4	3	1	75	POSITIVE
WOODEN FIRE DOOR	HALLWAY	1	0	1	0	NEGATIVE
METAL FIRE DOOR FRAME	HALLWAY	1	0	1	0	NEGATIVE
CONCRETE FLOOR	STAIRWELL AND HALLWAY	2	0	2	0	NEGATIVE
METAL HANDRAIL	STAIRWELL	2	0	2	0	NEGATIVE
WOODEN MIRROR	BATHROOM	1	0	1	0	NEGATIVE
METAL NEWEL POST	FOYER AND STAIRWELL	3	3	0	100	POSITIVE
METAL RADIATOR	OFFICES	4	0	4	0	NEGATIVE
METAL RISER	STAIRWELL	3	1	2	33	POSITIVE
MEETAL STALL AND DOOR	BATHROOM	3	3	0	100	POSITIVE
CONCRETE STEP	HALLWAY	1	0	1	0	NEGATIVE
CONCRETE STRINGER	STAIRWELL	1	0	1	0	NEGATIVE
METAL STRINGER	FOYER AND STARIWELL	3	2	1	67	POSITIVE
WOODEN STRINGER	STAIRWELL	1	0	1	0	NEGATIVE
WOODEN TRANSOM	FOYER	2	2	0	100	POSITIVE
BLOCK WALL	STAIRWELL AND MECHANICAL ROOM	3	1	2	33	POSITIVE
BRICK WALL	HALLWAY	1	0	1	0	NEGATIVE
CONCRETE WALL	HALLWAY AND OFFICES	2	0	2	0	NEGATIVE
DRYWALL WALL	THROUGH OUT BUILDING	6	0	6	0	NEGATIVE
PLASTER WALL	THROUGH OUT BUILDING	15	6	9	40	POSITIVE
WOODEN WINDOW	THROUGH OUT BUILDING	4	1	3	25	POSITIVE
CONCRETE WINDOW	MECHANICAL ROOM AND	2	0	2	0	NEGATIVE

XRF TESTING SUMMARY TABLE

BUILDING 5 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
FRAME	OFFICE					
WOODEN WINDOW FRAME	OFFICES, FOYER AND STAIRWELL	7	6	1	86	POSITIVE
WOODEN WINDOW SILL	BATHROOM, OFFICES AND STAIRWELL	8	7	1	88	POSITIVE
EXTERIOR						
METAL BALASTRADE	FRONT PORCH	2	0	2	0	NEGATIVE
WOODEN BALASTRADE	PORCH	1	0	1	0	NEGATIVE
CONCRETE CEILING	FRONT PORCH	1	0	1	0	NEGATIVE
WOODEN CEILING	FRONT PORCH	2	0	2	0	NEGATIVE
WOODEN CEILING TRIM	FRONT PORCH	1	1	0	100	POSITIVE
WOODEN COLUMN ROUND	FRONT PORCH	2	0	2	0	NEGATIVE
CONCRETE BASE	FRONT PORCH	1	0	1	0	NEGATIVE
WOODEN COLUMN SQUARE	FRONT PORCH	2	2	0	100	POSITIVE
METAL DOOR AND FRAME	FRONT PORCH	2	0	2	0	NEGATIVE
WOODEN DOOR	FRONT PORCH	1	0	1	0	NEGATIVE
WOODEN DOOR FRAME AND TRIM	FRONT PORCH	2	2	0	100	POSITIVE
METAL DOOR LINTLE	FRONT PORCH	2	0	2	0	NEGATIVE
METAL ELEVATOR DOOR AND FRAME	FRONT PORCH	2	0	2	0	NEGATIVE
WOODEN FASCIA	FRONT PORCH	2	0	2	0	NEGATIVE
CONCRETE FLOOR	FRONT PORCH	1	0	1	0	NEGATIVE
METAL FRAME	FRONT PORCH	1	0	1	0	NEGATIVE
METAL HANDRAIL	FRONT PORCH	3	0	3	0	NEGATIVE
WOODEN HANDRAIL	FRONT PORCH	1	0	1	0	NEGATIVE
METAL LIGHT FIXTURE	PORCH	1	0	1	0	NEGATIVE
METAL LINTLE	PORCH	1	1	0	100	POSITIVE
METAL NEWEL POST	FRONT PORCH	2	2	0	100	POSITIVE
WOODEN NEWEL POST	PORCH	1	0	1	0	NEGATIVE
WOODEN SIDE TRANSOM	FRONT PORCH	1	1	0	100	POSITIVE
WOODEN SOFFIT	PORCH	2	1	1	50	POSITIVE
CONCRETE THRESHOLD	FRONT PORCH	2	1	1	50	POSITIVE
WOODEN TRANSOM	FRONT PORCH	1	0	1	0	NEGATIVE
METAL HEADER	FRONT PORCH	1	0	1	0	NEGATIVE

XRF TESTING SUMMARY TABLE

BUILDING 6 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
INTERIOR						
WOODEN ARCH	OFFICE	1	0	1	0	NEGATIVE
WOODEN BALASTRADE	STAIRWELL	2	2	0	100	POSITIVE
WOODEN BASEBOARD	FOYER, HALLWAY AND OFFICES	6	2	4	33	POSITIVE
WOODEN CABINET AND CBINET DOOR	BATHROOM AND OFFICES	4	0	4	0	NEGATIVE
DRYWALL CEILING	OFFICE	1	0	1	0	NEGATIVE
PLASTER CEILING	THROUGH OUT BUILDING	8	4	4	50	POSITIVE
WOODEN DOOR	THROUGH OUT BUILDING	10	3	7	30	POSITIVE
WOODEN DOOR FRAME	THROUGH OUT BUILDING	10	7	3	70	POSITIVE
METAL ELECTRIC LINE	BASEMENT	1	0	1	0	NEGATIVE
WOODEN FIREPLACE AND MANTLE	OFFICE	2	2	0	100	POSITIVE
CONCRETE FLOOR	BATHROOM AND STORAGE	2	0	2	0	NEGATIVE
WOODEN FLOOR	ATTIC STAIRWELL	1	1	0	100	POSITIVE
WOODEN HANDRAIL	STAIRWELL	4	1	3	25	POSITIVE
WOODEN HEADER	STAIRWELL	2	2	0	100	POSITIVE
WOODEN NEWEL POST	STAIRWELL	2	0	2	0	NEGATIVE
WOODEN RISER	STAIRWELL	3	3	0	100	POSITIVE
WOODEN STAIR SUPPORT	STORAGE	1	0	1	0	NEGATIVE
WOODEN STRINGER	STAIRWELL	3	3	0	100	POSITIVE
METAL SUPPORT BEAM	STAIRWELL AND STORAGE	2	2	0	100	POSITIVE
WOODEN TRANSOM	FOYER	1	1	0	100	POSITIVE
WOODEN TREAD	STAIRWELL	2	2	0	100	POSITIVE
CONCRETE WALL	BATHROOM AND STORAGE	2	0	2	0	NEGATIVE
DRYWALL WALL	OFFICE	1	0	1	0	NEGATIVE
PLASTER WALL	THROUGH OUT BUILDING	8	1	7	13	NEGATIVE
WOODEN WALL	STAIRWELL AND STORAGE	2	0	2	0	NEGATIVE
WOODEN WINDOW, FRAME, SASH AND SILL	THROUGH OUT BUILDING	18	13	5	72	POSITIVE
EXTERIOR						
METAL BALASTRADE	PORCH	1	0	1	0	NEGATIVE
WOODEN CEILING	PORCH	2	1	1	50	POSITIVE
WOODEN CEILING SUPPORT	PORCH	1	0	1	0	NEGATIVE
WOODEN COLUMN AND SUPPORT	PORCH	3	2	1	67	POSITIVE

XRF TESTING SUMMARY TABLE

BUILDING 6 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
WOODEN DOOR AND FRAME	PORCH	6	6	0	100	POSITIVE
METAL DOWNSPOUT	PORCH	2	0	2	0	NEGATIVE
WOODEN FASCIA	PORCH	1	1	0	100	POSITIVE
CONCRETE FLOOR	PORCH	1	0	1	0	NEGATIVE
METAL HANDRAIL	PORCH	3	2	1	67	POSITIVE
METAL LINTLE	PORCH	1	1	0	100	POSITIVE
METAL NEWEL	PORCH	1	1	0	100	POSITIVE
WOODEN SOFFIT	PORCH	1	1	0	100	POSITIVE
CONCRETE THRESHOLD	PORCH	1	0	1	0	NEGATIVE
WOODEN TRANSOM	EXTERIOR	1	1	0	100	POSITIVE
BRICK WALL	PORCH	1	1	0	100	POSITIVE

XRF TESTING SUMMARY TABLE

BUILDING 61 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
INTERIOR						
METAL AWNING	HALLWAY	1	0	1	0	NEGATIVE
METAL BEAM	HALLWAY	1	0	1	0	NEGATIVE
METAL CEILING	HALLWAY	1	0	1	0	NEGATIVE
PLASTER CEILING	FOYER AND HALLWAY	3	0	3	0	NEGATIVE
WOODEN CHAIR RAIL	EXAM ROOM	3	0	3	0	NEGATIVE
WOODEN COLUMN	EXAM ROOM, HALLWAY AND FOYER	3	0	3	0	NEGATIVE
METAL CONDUIT PANEL	MECHANICAL ROOM	1	0	1	0	NEGATIVE
WOODEN CROWN MOULDING	EXAM ROOM AND FOYER	2	0	2	0	NEGATIVE
METAL DOOR AND FRAME	THROUGH OUT BUILDING	23	0	23	0	NEGATIVE
WOODEN DOOR AND FRAME	THROUGH OUT BUILDING	11	0	11	0	NEGATIVE
METAL FIRE PANEL, DOOR AND FRAME	HALLWAY AND MECHANICAL ROOM	3	0	3	0	NEGATIVE
CONCRETE FLOOR	MECHANICAL ROOM	1	0	1	0	NEGATIVE
WOODEN FLOOR	EXAM ROOM	1	0	1	0	NEGATIVE
METAL HANDRAIL	HALLWAYAND MECHANICAL ROOM	4	0	4	0	NEGATIVE
METAL LOUVERS	MECHANICAL ROOM	1	0	1	0	NEGATIVE
METAL PIPE	MECHANICAL ROOM	1	0	1	0	NEGATIVE
METAL PLANTERS	HALLWAY	1	0	1	0	NEGATIVE
METAL PULL BOX	MECHANICAL ROOM	1	0	1	0	NEGATIVE
CONCRETE STAIRS	MECHANICAL ROOM	1	0	1	0	NEGATIVE
METAL STALL AND DOOR	BATHROOM	2	0	2	0	NEGATIVE
METAL TRANSFORMER LINE	MECHANICIAL ROOM	1	0	1	0	NEGATIVE
WOODEN TV PANEL	MECHANICAL ROOM	1	0	1	0	NEGATIVE
BLOCK WALL	MECHANICAL ROOM	2	0	2	0	NEGATIVE
DRYWALL WALL	THROUGH OUT BUILDING	16	0	16	0	NEGATIVE
WOODEN WINDOW, FRAME AND SILL	EXAM ROOM AND FOYER	5	0	5	0	NEGATIVE
METAL WINDOW AND FRAME	EXAM ROOM AND FOYER	4	0	4	0	NEGATIVE
EXTERIOR						
PLASTER BEAM	PORCH	1	0	1	0	NEGATIVE
METAL BREAKER BOX	EXTERIOR	1	0	1	0	NEGATIVE
DRYWALL CEILING	PORCH	1	0	1	0	NEGATIVE
PLASTER CEILING	PORCH	1	0	1	0	NEGATIVE

XRF TESTING SUMMARY TABLE

BUILDING 61 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
METAL CIRCUIT BOX AND LID	EXTERIOR	2	0	2	0	NEGATIVE
METAL COULUMN	FRONT PORCH	2	0	2	0	NEGATIVE
WOODEN COLUMN, BASE AND TOP	PORCH	3	2	1	67	POSITIVE
METAL DIESEL TANK AND SUPPORT	EXTERIOR	2	0	2	0	NEGATIVE
METAL DOOR AND FRAME	EXTERIOR	2	0	2	0	NEGATIVE
METAL FIRE HYDRANT	EXTERIOR	1	0	1	0	NEGATIVE
METAL HANDRAIL	EXTERIOR	1	0	1	0	NEGATIVE
METAL PYLON	EXTERIOR	1	0	1	0	NEGATIVE
METAL SUPPORT BEAM	EXTERIOR	1	0	1	0	NEGATIVE
DRYWALL WALL	PORCH	2	0	2	0	NEGATIVE
PLASTER WALL	PORCH	1	0	1	0	NEGATIVE

XRF TESTING SUMMARY TABLE

BUILDING 63 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
INTERIOR						
METAL BASEBOARDS	OFFICES	1	0	1	0	NEGATIVE
WOODEN BASEBOARDS	OFFICE AND BATHROOM	3	0	3	0	NEGATIVE
CONCRETE CEILING	STAIRWELL	1	0	1	0	NEGATIVE
CONCRETE COLUMUMN	OFFICE	2	0	2	0	NEGATIVE
DRYWALL COLUMN	OFFICE	1	0	1	0	NEGATIVE
METAL COLUMN	OFFICE	1	0	1	0	NEGATIVE
METAL CONTROL PANEL	OFFICE	1	0	1	0	NEGATIVE
METAL DOORS AND DOOR FRAMES	THROUGH OUT BUILDING	24	0	24	0	NEGATIVE
WOODEN DOORS	OFFICE	2	0	2	0	NEGATIVE
CONCRETE FLOOR	OFFICE	1	0	1	0	NEGATIVE
METAL HANDRAIL	STAIRWELL	1	0	1	0	NEGATIVE
METAL KICKPLATE	OFFICE	1	0	1	0	NEGATIVE
METAL LINTLE	OFFICE	1	0	1	0	NEGATIVE
METAL NEWEL POST	STAIRWELL	1	0	1	0	NEGATIVE
METAL PIPE	OFFICE AND STAIRWELL	3	0	3	0	NEGATIVE
METAL STRINGER	STAIRWELL	1	0	1	0	NEGATIVE
METAL SUPPORT BEAM	STAIRWELL	1	0	1	0	NEGATIVE
WOODEN TRIM	OFFICE	1	0	1	0	NEGATIVE
METAL UNDERSTAIR	STAIRWELL	1	0	1	0	NEGATIVE
BLOCK WALL	OFFICES	7	0	7	0	NEGATIVE
DRYWALL WALL	THROUGH OUT BUILDING	6	0	6	0	NEGATIVE
PLASTER WALL	OFFICE AND HALLWAY	5	0	5	0	NEGATIVE
WOODEN WINDOWS, WINDOW FRAMES AND WINDOW SILLS	THROUGH OUT BUILDING	17	0	17	0	NEGATIVE
METAL WINDOW FRAME	BASEMENT	1	0	1	0	NEGATIVE
EXTERIOR						
METAL DOORS AND DOOR FRAMES	EXTERIOR	5	0	5	0	NEGATIVE
METAL LOUVRE AND LOUVRE FRAME	EXTERIOR	2	0	2	0	NEGATIVE
WOODEN SHUTTER	EXTERIOR	1	0	1	0	NEGATIVE
METAL TRANSOM	EXTERIOR	1	0	1	0	NEGATIVE
BRICK WALL	EXTEROIR	1	0	1	0	NEGATIVE
WOODEN WINDOWS	EXTERIOR	2	0	2	0	NEGATIVE
CONCRETE WINDOW SILLL	EXTERIOR	2	0	2	0	NEGATIVE

XRF TESTING SUMMARY TABLE

BUILDING 8 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
INTERIOR						
WOODEN ACCES DOOR AND FRAME	BATHROOM 2	2	2	0	100	POSITIVE
WOODEN BALUSTRADE	STAIRWELL	3	2	1	67	POSITIVE
WOODEN BASEBOARD	THROUGH OUT BUILDING	7	5	2	71	POSITIVE
WOODEN CABINET DOOR	ATTIC	1	0	1	0	NEGATIVE
PLASTER CEILING	THROUGH OUT BUILDING	6	3	3	50	POSITIVE
WOODEN CEILING	ATTIC	1	0	1	0	NEGATIVE
WOODEN CHAIR RAIL	BATHROOM 1	1	0	1	0	NEGATIVE
WOODEN CLOSET COAT RACK	HALLWAY	1	1	0	100	POSITIVE
WOODEN CLOSET DOOR AND FRAME	BEDROOM 1	2	0	2	0	NEGATIVE
WOODEN CLOSET SHELF AND SUPPORT	HALLWAY	2	1	1	50	POSITIVE
WOODEN CRAWL SPACE DOOR AND FRAME	STORAGE	2	2	0	100	POSITIVE
WOODEN CROWN MOLDING	BATHROOM	1	0	1	0	NEGATIVE
WOODEN DOOR AND FRAME	THROUGH OUT BUILDING	16	8	8	50	POSITIVE
METAL DOOR FRAME	BATHROOM	1	1	0	100	POSITIVE
CONCRETE FLOOR	LAUNDRY ROOM	1	0	1	0	NEGATIVE
WOODEN FLOOR	BATHROOM 2	1	0	1	0	NEGATIVE
WOODEN HANDRAIL	STAIRWELL	3	1	2	33	POSITIVE
WOODEN HEADER	STAIRWELL	2	2	0	100	POSITIVE
WOODEN MANTLE	LIVING ROOM	1	1	0	100	POSITIVE
METAL METER PANEL	STORAGE	1	0	1	0	NEGATIVE
WOODEN NEWEL POST	STAIRWELL	3	1	2	33	POSITIVE
METAL PIPE	LAUNDRY ROOM	1	0	1	0	NEGATIVE
WOODEN RISER	STAIRWELL	2	2	0	100	POSITIVE
WOODEN SHELF AND SUPPORT	BATHROOM 2	2	0	2	0	NEGATIVE
WOODEN SHELVING	HALLWAY AND STORAGE	2	0	2	0	NEGATIVE
WOODEN STALL	BATHROOM	1	1	0	100	POSITIVIE
WOODEN STRINGER	STAIRWELL	2	2	0	100	POSITIVE
METAL SUPPORT BEAM	STORAGE	1	1	0	100	POSITIVE
WOODEN TRANSOM	FOYER	1	1	0	100	POSITIVE
CONCRETE WALL	BASEMENT	2	2	0	100	POSITIVE
PLASTER WALL	THROUGH OUT BUILDING	9	2	7	22	POSITIVE

XRF TESTING SUMMARY TABLE

BUILDING 8 - V.A. MEDICAL CENTER, TUSCALOOSA, AL

SELC PROJECT NUMBER: 2009-1073

DESCRIPTION OF COMMON COMPONENT	GENERAL LOCATION OF COMPONENT	TOTAL # OF TESTS	# OF POSITIVE TESTS	# OF NEGATIVE TESTS	% OF POSITIVE TESTS	FINAL CLASSIFICATION
WOODEN WALL	BATHROOM 1	1	0	1	0	NEGATIVE
WOODEN WINDOW, FRAME AND SILL	THROUGH OUT BUILDING	15	15	0	100	POSITIVE
EXTERIOR						
WOODEN BASEBOARD	PORCH	1	0	1	0	NEGATIVE
METAL CANOPY AND SUPPORT	EXTERIOR	2	0	2	0	NEGATIVE
DRYWALL CEILING	PORCH	1	0	1	0	NEGATIVE
WOODEN COLUMN	FRONT PORCH	1	1	0	100	POSITIVE
WOODEN CROWN MOLDING	PORCH	1	0	1	0	NEGATIVE
WOODEN DOOR AND FRAME	FRONT PORCH	2	2	0	100	POSITIVE
WOODEN FASCIA	EXTERIOR	1	1	0	100	POSITIVE
WOODEN HANDRAIL	EXTERIOR	1	1	0	100	POSITIVE
METAL HANDRAIL	PORCH	1	1	0	100	POSITIVE
METAL LADDER	PORCH	1	0	1	0	NEGATIVE
METAL LINTLE	EXTERIOR	1	1	0	100	POSITIVE
METAL NEWEL POST	EXTERIOR	1	1	0	100	POSITIVE
WOODEN NEWEL POST	PORCH	1	1	0	100	POSITIVE
WOODEN SOFFIT	EXTERIOR	1	1	0	100	POSITIVE
WOODEN TRANSOM	FORCH	1	1	0	100	POSITIVE
WOODEN TRIM	PORCH	1	0	1	0	NEGATIVE
WOODEN WALL	PORCH	1	0	1	0	NEGATIVE
WOODEN WINDOW AND FRAME	EXTERIOR	2	2	0	100	POSITIVE

APPENDIX U

INSPECTOR AND LABORATORY CERTIFICATIONS

Division of Environmental
and Industrial Programs

ALABAMA LEAD-BASED PAINT ACTIVITIES ACCREDITATION PROGRAM

THE UNIVERSITY OF ALABAMA
Safe State
Environmental Programs

The University of Alabama Safe State Program

has examined the documentation of lead-based paint training
and qualifications of the person named below and confers this

Certificate of Accreditation

for the Lead-Based Paint Activities Discipline

INSPECTOR/RISK ASSESSOR

Elizabeth Hyde

Alabama Accreditation Number

LRA0612542250

Certificate Expiration Date

June 25, 2015

This certificate has been issued pursuant to the authority granted to
The University of Alabama Safe State Program
for the Registration and Accreditation of Lead Training Programs
and Individuals engaged in Lead-Based Paint Activities
Alabama Administrative Code 822-X-1, July 27, 1998

Executive Director, Division of
Environmental and Industrial Programs

Assistant Director
for Environmental Programs

Division of Environmental
and Industrial Programs

ALABAMA LEAD-BASED PAINT ACTIVITIES ACCREDITATION PROGRAM

THE UNIVERSITY OF ALABAMA
Safe State
Environmental Programs

The University of Alabama Safe State Program

has examined the documentation of lead-based paint training
and qualifications of the person named below and confers this

Certificate of Accreditation

for the Lead-Based Paint Activities Discipline

INSPECTOR/RISK ASSESSOR

Nathan D Pee

Alabama Accreditation Number

LRA0712528583

Certificate Expiration Date

July 26, 2015

This certificate has been issued pursuant to the authority granted to
The University of Alabama Safe State Program
for the Registration and Accreditation of Lead Training Programs
and Individuals engaged in Lead-Based Paint Activities
Alabama Administrative Code 822-X-1, July 27, 1998

Executive Director, Division of
Environmental and Industrial Programs

Assistant Director
for Environmental Programs

Division of Environmental and Industrial Programs

ALABAMA LEAD-BASED PAINT ACTIVITIES ACCREDITATION PROGRAM

THE UNIVERSITY OF ALABAMA Safe State Environmental Programs

The University of Alabama Safe State Program

has examined the documentation of lead-based paint training and qualifications of the person named below and confers this

Certificate of Accreditation

for the Lead-Based Paint Activities Discipline

INSPECTOR/RISK ASSESSOR

N. Glenn G Ray

Alabama Accreditation Number

LRA0712203952

Certificate Expiration Date

July 25, 2015

This certificate has been issued pursuant to the authority granted to The University of Alabama Safe State Program for the Registration and Accreditation of Lead Training Programs and Individuals engaged in Lead-Based Paint Activities Alabama Administrative Code 822-X-1, July 27, 1998

Executive Director, Division of Environmental and Industrial Programs

Assistant Director for Environmental Programs

STATE of ALABAMA
DEPARTMENT OF PUBLIC HEALTH

LEAD CONTRACTOR CERTIFICATION PROGRAM

This is to certify that

CONTRACTOR: **SAFETY ENVIRONMENTAL LABORATORIES & CONSULTING INC**

STREET: 989 Yeager Pkwy
CITY: Pelham, STATE: AL ZIP CODE: 35124-
CONTRACT: N. Glenn Ray

The Individual or Firm Named Herein Has Satisfied the Requirements to be Certified as a Lead Contractor and agrees to be bound by the Rules and Regulations pertaining to Lead-Based Paint Activities set forth by Chapter 420-3-27 of the Alabama Administrative Code.

LEAD BASED PAINT ACTIVITIES FIRM

Inspector/Risk Assessor

To Perform Lead-Based Paint Activities within the State of Alabama

CERTIFICATION NUMBER

ALPb-14-423

This Certificate may be subject to revocation, suspension, modification or amended by the State Health Officer for cause including evidence of noncompliance; or for any misrepresentation made in the application, supporting data therein or attached thereto, or any subsequent submittals or supporting data; or any alterations affecting the ability to perform duties properly.

STATE HEALTH OFFICER

ISSUANCE DATE: **10/22/2013**
EXPIRATION DATE: October 31, 2014

ADPH-IAQ/PB-001B.rev.07.13.ch

ALABAMA DEPARTMENT OF PUBLIC HEALTH

RADIOACTIVE MATERIAL LICENSE
AMENDMENT NO. 2

Pursuant to the Alabama Department of Public Health Rules, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess and transfer radioactive material listed below; and to use such radioactive material for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules of the Alabama Department of Public Health now or hereafter in effect and to any conditions specified below.

LICENSEE	
1. Name	Safety Environmental Laboratories & Consulting, Inc.
2. Address	Post Office Box 1848 Pelham, Alabama 35124

3. License Number	1507 is amended in its entirety to read:
4. Expiration Date	January 31, 2019
5. File No.	

6. Radioactive Material (Element and Mass Number)	7. Type of Radioactive Material License	8. Chemical and/or Physical Form	9. Maximum Radioactivity and/or quantity of material which licensee may possess at any one time.
SEE PAGE TWO	3.P.	SEE PAGE TWO	SEE PAGE TWO

10. Authorized Use

SEE PAGE TWO

CONDITIONS

11. Unless otherwise specified, the authorized place of use is the licensee's address stated in item 2 above.

12. Radioactive material may be stored at the licensee's facility located at 989 Yeager Parkway, Pelham, Alabama 35124 and may be used anywhere in Alabama that the Agency has jurisdiction. This condition does not prohibit use in Agreement States or in U.S. Nuclear Regulatory Commission jurisdiction areas under reciprocity procedures which may be established by those states or the U.S. Nuclear Regulatory Commission.

13. The licensee shall comply with the provisions of Rule 420-3-26-.01, General Provisions, Rule 420-3-26-.02, Licensing, Rule 420-3-26-.03, Standards for Protection Against Radiation, and Rule 420-3-26-.10, Notices, Instructions, and Reports to Workers; Inspections, of Chapter 420-3-26, Radiation Control, Alabama Administrative Code.

SUPPLEMENTARY SHEET

Continued From Page _____

License Number _____
Amendment No. 2

6. Radioactive Material (Element and mass number)	8. Chemical and/or Physical Form	9. Maximum Radioactivity and/or quantity of material which license may possess at any one time
A. Cadmium 109	A. Sealed Source (QSA Global, Inc. Models CUC.D1 or CUC.P1; Isotope Products Laboratories Model XFB-3)	A. No single source to exceed 50 millicuries, total activity not to exceed 50 millicuries.

10. Authorized Uses

A. For use in Thermo Niton Models XLi and XLp Series devices to measure lead in paint.

ALABAMA DEPARTMENT OF PUBLIC HEALTH

RADIOACTIVE MATERIAL LICENSE

Continued

Supplementary Sheet

License Number 1507

Amendment No. 2

CONDITIONS

14. Radioactive material shall only be used by individuals who have successfully completed an approved radiation safety training course for lead paint gauge users, and who have been approved by N. Glenn Ray, Radiation Safety Officer. Records of training shall be maintained for review by the Agency.

15. A. Each sealed source containing radioactive material shall be tested for leakage and/or contamination at intervals not to exceed six (6) months. In the absence of a certificate from a transferor indicating that a test has been made within six (6) months prior to the transfer, the sealed source shall not be put into use until tested.

B. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. The test sample shall be taken from the sealed source or from the surfaces of the device in which the sealed source is permanently mounted or stored on which one might expect contamination to accumulate. Records of leak test results shall be kept in units of microcuries and maintained for inspection by the Agency.

C. If the test reveals the presence of 0.005 microcurie or more of removable contamination, the licensee shall immediately withdraw the sealed source from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with Agency regulations. A report shall be filed within five (5) days of the test with the Director, Office of Radiation Control, Alabama Department of Public Health, Montgomery, Alabama 36130, describing the equipment involved, the test results, and the corrective action taken.

D. The licensee is authorized to collect leak test samples for analysis by approved leak test kit vendors. Alternatively, tests for leakage and/or contamination may be performed by persons specifically authorized by the Agency, the U.S. Nuclear Regulatory commission or an Agreement State to perform such services.

ALABAMA DEPARTMENT OF PUBLIC HEALTH

RADIOACTIVE MATERIAL LICENSE

Continued

Supplementary Sheet

License Number 1507

Amendment No. 2

CONDITIONS

16. The licensee shall conduct a physical inventory every six (6) months to account for all sealed sources and/or devices received and possessed under the license. Records of inventories shall be maintained for five (5) years from the date of each inventory, and shall include the quantities and kinds of radioactive material, manufacturers name and model numbers, location of sources and/or devices, and the date of the inventory.

17. The licensee shall assure that all portable devices containing radioactive material shall be supplied with two (2) independent physical controls (not including any lock on the device or the carrying case containing the device) while the device is in storage or transit, and when an authorized user is not physically present to prevent the unauthorized access to, or removal of, the portable device. The controls shall be designed to secure portable devices from unauthorized removal of the device, or the carrying case containing the device.

18. Except as specifically provided otherwise in this license, the licensee shall conduct its radiation safety program in accordance with statements, representations, and procedures contained in the documents, including any enclosures, listed below. Alabama's Radiation Protection Rules shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the rules.

    A. Application dated January 2, 2014, signed by N. Glenn Ray, with attachments.

January 22, 2014

Date of Issuance

David Walter

Director
DIVISION OF RADIATION CONTROL

Donald E. Williamson, M.D.
State Health Officer
ALABAMA DEPARTMENT OF PUBLIC HEALTH

ASBESTOS CONTAINING MATERIALS
2014 THREE-YEAR RE-INSPECTION AND ASSESSMENT REPORT

BUILDINGS 1, 2, 3, 4, 5, 6, 7, 8, 12, 15, 17, 18, 39, 40, 41, 46
VA MEDICAL CENTER
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404

Prepared For:

DEPARTMENT OF VETERAN AFFAIRS
VAMC
3701 PELHAM LOOP ROAD EAST
TUSCALOOSA, AL 35404

ATTN: MARK VERSACE

Conducted and Prepared by:

Safety Environmental Laboratories and Consulting, Inc.
989 Yeager Parkway
Pelham, AL 35124

SELC Project # 2014-1108
Report Narrative Issued: August 29, 2014

Inspected/Reported By:

Elizabeth Hyde
Project Manager/
Environmental Specialist/Asbestos Inspector

Reviewed By:

REGISTERED ENVIRONMENTAL MANAGER
NORMAN G. RAY
REM
12555
NREP

N. Glenn Ray, REM, REPA
Technical Director

ASBESTOS CONTAINING MATERIALS
2014 THREE-YEAR RE-INSPECTION AND ASSESSMENT REPORT
BUILDINGS 1, 2, 3, 4, 5, 6, 7, 8, 12, 15, 17, 18, 39, 40, 41, 46
VA MEDICAL CENTER
TUSCALOOSA, AL 35404

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APPENDICES:

Appendix A Building 1 Re-inspection Documentation
- A-1 – Annual Asbestos Re-inspection Documentation
- A-2 – Homogeneous Area / Sample Summary Table
- A-3 – Sample/ACM Location Plans
- A-4 – PLM Laboratory Reports
- A-5 – Photographic Documentation
- A-6 – Estimated Asbestos Abatement Costs
- A-7 – Additional VAMC Supplied Notes/Information (if provided)

- Please note that format *"X"-1* through *"X"-7* will be continued for each building in the appendices below, with the exception of Appendix Q.

Appendix B Building 2 Re-inspection Documentation
Appendix C Building 3 Re-inspection Documentation
Appendix D Building 4 Re-inspection Documentation
Appendix E Building 5 Re-inspection Documentation
Appendix F Building 6 Re-inspection Documentation

Appendix G Building 7 Re-inspection Documentation
Appendix H Building 8 Re-inspection Documentation
Appendix I Building 12 Re-inspection Documentation
Appendix J Building 15 Re-inspection Documentation
Appendix K Building 17 Re-inspection Documentation
Appendix L Building 18 Re-inspection Documentation
Appendix M Building 39 Re-inspection Documentation
Appendix N Building 40 Re-inspection Documentation
Appendix O Building 41 Re-inspection Documentation
Appendix P Building 46 Re-inspection Documentation
Appendix Q Inspector and Laboratory Certifications

1.0 INTRODUCTION

Safety Environmental Laboratories & Consulting, Inc. (SELC) was employed by the Department of Veterans Affairs to provide an "Asbestos Three-Year Re-Inspection and Assessment" for 16 buildings at the VAMC Tuscaloosa campus located at 3701 Pelham Loop Road East in Tuscaloosa, Alabama. The services required to conduct the "2014 Asbestos Three-Year Re-Inspection and Assessment" (referred to herein as the "2014 re-inspection") and prepare the associated documentation are described in the respective sections of this report.

This 2014 Asbestos Three-Year Re-Inspection and Assessment Report is specifically prepared as an update to previous inspections and re-inspections conducted at the 16 subject buildings on the VAMC Tuscaloosa campus, and to assess the condition of identified asbestos containing materials (ACM). These previous reports include (1) an initial 1991 inspection performed by CAPE Environmental (referred to as 1991 or CAPE report), (2) a 2002 report prepared by Southeast Consulting and Occupational Management, Inc. (referred to as the 2002 report or the "Buckalew" report), and (3) re-inspection reports prepared by SELC in 2008 and 2009 (referred to respectively as the 2008 report and 2009 report). All except one of the 16 subject buildings were inspected or re-inspected during one or more of the above-reference projects. No initial inspection (or re-inspection) information was available for Building 17.

SELC has confirmed to the extent practical, the presence or non-presence of those building materials previously identified in the above-referenced reports. During this 2014 re-inspection, SELC identified some additional ACM that were not listed in the previous reports. Also, in a precautionary effort to provide a measure of safety, other materials were assumed by SELC to be ACM, either based on the presence of similar building materials on similarly constructed buildings or due to certain inconsistencies between various records. The Annual Asbestos Re-Inspection Documents, drawings / floor plans, and other information provided in the appendices of this report provide the descriptions and locations of all confirmed ACM and assumed ACM still present at the subject VAMC. Condition of the identified ACMs is provided on the Annual Asbestos Re-Inspection Documents. An appendix has been prepared for each building and contains all pertinent information related to ACM present in each building, including all Annual Asbestos Re-Inspection Documents, ACM sample/location plans, homogeneous area / sample summary tables, laboratory reports, photographic documentation, estimated asbestos abatement costs, and VAMC provided supplemental data used in the field (if provided).

General recommendations are also presented for the handling of the ACM based upon their condition and potential for disturbance by routine operations, repair, renovation, or demolition activities.

2.0 PURPOSE AND SCOPE OF SERVICE

The purpose of this "2014 Asbestos Three-Year Re-Inspection and Assessment" was basically to review existing asbestos inspection and re-inspection/assessment information, and update the most current version of the existing asbestos re-inspection documentation. A summary of the services to be provided by SELC is presented below:

- Review available records of previous ACM inspections and re-inspections, limited material testing, and VAMC ACM removal activity notes and documentation. According to the contracted scope of work the inspector is required to review the afore-referenced 1991, 2002, 2008, and 2009 reports. A 2005 report and a 2010 report also exist but were

not available for review. Please note that information related to known locations of previous asbestos abatement, particularly of flooring materials, were provided to and reviewed by SELC, and incorporated into this re-inspection.

- Perform a visual inspection of the previously identified ACM to collect information on the ACM conditions. Inspect all friable ACM and non-friable ACM for damaged or deterioration and record findings. Specifically, conditions and modifications from the 1991, 2002, and 2009 reports are to be recorded on an Annual Asbestos Re-inspection Document, which was provided by the VAMC.

- Collect and analyze suspect ACM bulk samples from various locations throughout the subject buildings to support already collected information or identified new potential ACMs.

- Identify management and/or mitigation options for areas identified as ACM. Please note that these options are provided on the Annual Asbestos Re-inspection Documents. Management and/or mitigation options are generally discussed in the text of this report. Provide estimated abatement costs.

- Provide labels to adhere to otherwise unmarked ACM.

- Compile a report (contained herein) which describes the re-inspection process, presents all findings, sampling and analytical results, and generally identifies ACM locations and approximate quantities in accordance with “Communication of Hazards” requirements pursuant to 29 CFR 1926.1101(k). This report includes several appendices which contain important information that may be essential to proper understanding of the data summarized in the narrative sections.

3.0 REGULATIONS, STANDARDS & GUIDELINES

This section of the report provides basic information on some of the key criteria applicable to the 2014 re-inspection performed by SELC; as well as regulatory obligations applicable to building owners and contractors involved in operations impacting ACM. The information below is presented in a very general nature and is not a complete representation of all regulatory criteria; Any key parties, that will be involved in repair, renovation, or demolition projects that impact ACM, and whom are not knowledgeable of the associated asbestos regulatory requirements, should consult with the regulatory authorities mentioned herein and/or an asbestos abatement professional such as a certified asbestos project designer, before proceeding with any repair, renovation, or demolition operations that might disturb the ACM.

The National Emissions Standards for Hazardous Air Pollutants (NESHAP) requires the Owner or Operator of a facility to determine the presence or non-presence of asbestos containing materials via a “thorough inspection” prior to conducting renovation or demolition activities. The NESHAP Standard for asbestos (40 CFR Part 61 Sub-part M) is applicable to all types of facilities, regardless of construction date, except single family dwellings or multi-family dwellings with four or fewer units, unless those dwellings are being renovated or demolished for commercial purposes. NESHAP requires the use of controlled wet procedures for removal of asbestos materials that are or will become friable during renovation or demolition. The removal procedure must prevent visible emissions and must occur before renovation or demolition activities impact those materials. Presentation of this report and/or a pertinent summary thereof to all parties potentially performing activities that will contact or disturb identified ACM at the

subject project area will complete the Owner/Operator discovery and communication requirements pursuant to NESHAP. Removal, handling and disposal of certain ACM (if identified herein) must be provided in accordance with NESHAP as locally administrated and enforced by the Alabama Department of Environmental Management (ADEM). Renovation projects involving ACM and all demolition projects, regardless of ACM, require advance notification to ADEM. Alabama's asbestos regulations that are relevant to renovation and demolition are essentially the same as the federal NESHAP.

On October 11, 1994, OSHA's current construction industry regulation (29 CFR Part 1926.1101) for asbestos became effective. That regulation known as the Asbestos Construction Standard is related to asbestos exposure in construction, renovation, demolition, and building repair work places. Building owners are required, pursuant to section (k) "Communication of Hazards" of the Standard, to notify employees, tenants and prospective employers (e.g. construction bidders) of the description, locations and quantities of ACM in their buildings. Suspect materials installed no later than 1980 must be assumed to contain asbestos unless inspected and analyzed using "AHERA" protocol. The OSHA Standard applies by law to work performed by private sector employers / contractors, regardless of the type of facility or building owner. The OSHA Asbestos Standard does not directly apply to work performed by employees of state, county and municipal agencies in states without state-run OSHA programs (e.g. Alabama); however, since December 2000 the provisions of the Standard were made binding on state and local entities, via the EPA's Asbestos Worker Protection Rule (40 CFR 763 Subpart G). Also most federal agencies have adopted the OSHA Standard for operations performed by their employees. Presentation of this report or pertinent information derived from it, to all parties that will potentially work in contact with the identified ACM described herein, will complete the Owner/Operator's initial discovery and communications requirements pursuant to the OSHA Standard. Removal, handling and disposal of ACM (if identified herein) must be provided in accordance with the OSHA Standard, which is enforced by the Birmingham branch office of OSHA.

On November 28, 1992, a law became effective which extended the EPA's Model Accreditation Plan (MAP), originally applicable only to schools, to all public and commercial buildings. Currently the rule extends the accreditation requirements of MAP to persons performing asbestos work (inspectors, project designers, abatement supervisors and workers) in public and commercial buildings, but does not extend the other aspects of the AHERA asbestos rules for schools. This inspection was conducted using EPA/MAP accredited personnel. Accreditation in Alabama is provided by the University of Alabama's Safe State Environmental Program. Refer to **Appendix Q** for copies of the inspector's Safe State accreditation certificate.

4.0 PROJECT AREA DESCRIPTION

This section of the report contains a basic description of the 16 subject structures on the VAMC Tuscaloosa, AL campus, and is presented in part, to demonstrate that SELC has a good understanding about the construction history of the subject facility; and therefore the Inspector possessed the basic knowledge needed to recognize previously identified homogeneous areas, and to establish homogeneous areas, at least with respect to the approximate age of the various building materials. The information provided in Section 4.0 also references any known, large-scale improvement and/or renovation projects that have reportedly occurred at the 16 subject structures.

SELC understands the VAMC Tuscaloosa campus was initially constructed in the early 1930s. Buildings 1, 2, 3, 4, 5, 6, 7, 8, 12, 15, 17, and 18 were reportedly constructed between 1931 and 1936. Buildings 39, 40, and 41 were reportedly constructed in 1944. Building 46 was reportedly

constructed in 1963.

Please note that most of the subject structures are brick-faced buildings that are supported by wood, concrete, and metal structural supports. Most buildings have pitched, slate roofs on the original structure, with flat roofs on additions. Buildings 1, 2, 3, 4, 5, 39, 40, and 46 reportedly have new slate roofs that have been replaced within the last several years. At some of these structures, ACM roof tars were abated. This information is noted on respective Annual Asbestos Re-Inspection Documents included as Appendix "X"-1.

Generally, interior wall finishes in the 16 subject structures include, but are not limited to, plaster, gypsum board, concrete masonry units, glazed clay tiles, and concrete. Original ceilings are plaster; however most plaster ceilings are covered by lay-in ceiling tile systems. Flooring throughout the structures include, but are not limited to, vinyl composition floor tiles, vinyl sheet flooring, carpet, Centiva laminate flooring products, hardwood, ceramic tile, and concrete.

Piping systems in the subject structures are insulated with various types of insulating materials. According to a review of previous asbestos reports, old steam pipe insulation was reported to be asbestos-containing "magnesia"-type insulation. Old domestic water piping was reportedly insulated with asbestos-containing "cardboard"-like insulation or air cell insulations. According to on-site engineers and maintenance personnel, since 1991, piping system insulations have been removed as part of asbestos abatement projects or general property improvement projects. However, this information is very general in nature and exact locations of abatement of piping systems could not be verified in all buildings. During this inspection, typical insulating materials observed on piping systems included kraft-faced fiberglass or hard foam insulation, hard mud insulation, what appeared to be pre-formed, calcium silicate type insulations, and mineral wool insulation. Piping systems in crawlspaces were typically covered with metal-jacketing. When encountered, SELC noted on the respective Annual Asbestos Re-Inspection Documents locations of previously identified asbestos containing pipe insulations. However, it is likely that old, ACM piping insulation remains in the subject structures in typically inaccessible areas, such as crawlspaces, wall and ceiling cavities, etc.

According to VAMC personnel, all ACM has been removed from the Building 3 boiler plant as part of a recently completed boiler replacement project.

5.0 RE-INSPECTION METHODOLOGY

The field work portion of the 2014 re-inspection was conducted in July 2014 by Elizabeth Hyde, a University of Alabama Safe State Environmental Program certified asbestos inspector. See **Appendix Q** for the inspector's accreditation certificate.

SELC's first step in the overall survey/inspection process was to review the afore-referenced inspection and re-inspection reports provided by the VAMC. According to a review of these reports, it appears that homogeneous areas initially identified in 1991 by CAPE were re-inspected by Buckalew in 2002. Buckalew also identified additional homogeneous areas during their 2002 inspection. SELC's 2008 and 2009 re-inspections addressed those homogeneous areas identified in 1991 and 2002. SELC compiled this information, and primarily addressed these previously identified ACMs. Please note that, as copies of the above-referenced previous reports are on-file with the VAMC, they are not included as attachments to this 2014 Three-Year Asbestos Re-Inspection and Assessment Report.

During this re-inspection, if a homogeneous area was determined by the previous consultants to be non-ACM and/or if an ACM homogeneous area was listed as having been removed in a previous inspection/re-inspection report or in VAMC provided general notes/information, this material was typically removed from consideration during this re-inspection. For example, if floor tile in a particular area was removed and noted as such in the 2002, 2008, or 2009 re-inspection or in VAMC provided notes, an Annual Asbestos Re-Inspection Document was not completed for this homogeneous area. However, please note that a listing of all homogeneous areas, either previously identified by others or identified by SELC during this 2014 re-inspection, is provided as the first page of Appendix "*X*"-1 for the benefit of the user of this report. This list indicates if a homogeneous area was non-ACM or NAD (no asbestos detected) or has been removed.

Following the review of the previous inspection and re-inspection reports, SELC began the visual and physical portion of this re-inspection and assessment by visiting the spaces listed in the previous reports. Generally, if the reported ACM was identifiable, no sampling was conducted. However, in some cases the reported ACM may have been sampled, for example, to verify extent of an ACM or address inconsistencies in previous reports. After confirming the presence or non-presence of reported ACMs, limited visual inspection was conducted within the subject buildings to determine if other (previously unreported) suspect materials were present. Please note that samples collected to confirm/verify the presence or absence of an existing homogeneous area were considered to be part that that homogeneous area, i.e., a new homogeneous # was not assigned. However, if a new suspect ACM was identified and sampled, SELC assigned a new homogeneous area number. Please refer to Appendices "*X*"-1 and "*X*"-2 for these assignments.

After suspect materials were identified, sample collection locations were randomly selected. Then bulk samples were obtained and placed into individual containers for transportation to the laboratory. Each sample was assigned a unique number and those sample numbers directly correspond with the numbers listed on the laboratory reports included in the appendices. Also the sample numbers were recorded on copies of floor plans provided by the VAMC. Refer to Appendix "*X*"-3 for drawings that depict sample locations as well as general locations of confirmed ACM.

As previously stated, it does not appear that an initial asbestos inspection has been conducted at Building 17. The performance of a comprehensive, initial asbestos inspection would require additional time and sampling that is beyond the scope of this re-inspection. SELC did collect a sample of a suspect flooring material in Building 17 that was of concern to the Client. Otherwise, only a visual assessment of Building 17 was performed during re-inspection activities. SELC has provide photographic documentation of suspect ACM building materials present in Building 17 (see Appendix K-5). However, not all suspect ACM in Building 17 are represented in the attached photograph log. SELC has provided the VAMC with a proposal for an asbestos inspection of Building 17.

Each time suspect ACM was sampled; it was classified as either a friable or a non-friable material. Friable materials, when dry, may be crumbled, pulverized or reduced to powder by hand pressure. Friable ACM is potentially more hazardous than non-friable ACM because friable material can release airborne asbestos fibers more easily.

Note! The sampling conducted by SELC during this re-inspection was limited in nature. Also SELC did not conduct TEM analysis on negative non-friable organically bound (NOB) materials. This report is compiled for the VAMC's material tracking, hazard awareness, long term planning, and general information purposes.

6.0 ANALYTICAL METHODOLOGY

All bulk samples were analyzed at SELC by polarized light microscopy (PLM) utilizing dispersion staining techniques in accordance with EPA method EPA/600/R-93/116 July 1993. This type of analysis requires the analyst to take a portion of the bulk sample and treat it with an oil of specific refractive index. The prepared slide is then subjected to a variety of optical tests. Percentages of the identified types of asbestos are determined by visual estimation. Even though this is a process of estimation, any material that contains greater than one percent of any type of fibrous asbestos is considered ACM and must be handled in accordance with applicable provisions of EPA, OSHA and state regulations, if likely to be disturbed during maintenance, repair, renovation, or demolition operations.

SELC operates a laboratory, located at 989 Yeager Parkway in Pelham, Alabama, that participates in the U.S. EPA approved National Voluntary Laboratory Accreditation Program (NVLAP) for asbestos identification by polarized light microscopy. SELC is rated proficient under NVLAP's quality assurance program and our accreditation number is 200873-0. Please see appropriate Certificate in **Appendix Q**.

7.0 SUSPECT MATERIALS

Individual building tables that list all samples collected by SELC during this re-inspection are presented as Appendix "*X*"-2. That table provides detailed descriptions of each material along with the corresponding sample numbers, basic sample locations, asbestos content, and other information. The following is a more general list of basic types of building materials identified by SELC during the 2014 re-inspection that were suspected to potentially contain asbestos. The materials are grouped into categories according to general types as set forth in AHERA, 40 CFR 763.

Surfacing Materials (decorative, acoustical, thermal, or fire resistant products that are typically site batched and sprayed or troweled onto a building component)

- Sprayed insulation

Thermal System Insulation (HVAC & plumbing system insulations)

- Pipe fitting insulation mud
- Pre-formed pipe insulations

Miscellaneous Material

- Mastic applied to pipe insulations & HVAC duct insulations
- Vinyl composition floor tiles
- Vinyl surfaced sheet flooring
- Flooring adhesive/mastic
- Ceiling tile adhesives

8.0 ASBESTOS RE-INSPECTION AND SAMPLING RESULTS

Given the number of buildings (16) included in this re-inspection, and the large quantity of information related to each building, SELC has created a comprehensive appendix for each building that presents the findings of this re-inspection. Each Appendix includes; the completed Annual Asbestos Re-Inspection Documents (included in Appendix "*X*"-1) for each homogeneous

area; a homogeneous area / sample summary table (Appendix "*X*"-2); sample and ACM locations plans (Appendix "*X*"-3); laboratory data sheets (Appendix "*X*"-4) for samples collected; photographic documentation of various existing and newly identified ACM (Appendix "*X*"-5); an Estimated Asbestos Abatement Cost table (Appendix "*X*"-6), and additional VAMC Supplied Notes/Information (Appendix "*X*"-7). Please note that the Annual Asbestos Re-Inspection Documents include previously existing homogeneous areas, and new homogeneous area identified by SELC during this re-inspection.

As previously stated, it does not appear that an initial asbestos inspection has been conducted at Building 17. The performance of a comprehensive, initial asbestos inspection would require additional time and sampling that is beyond the scope of this re-inspection. SELC did collect one sample of a suspect flooring material in Building 17 that was of concern to the Client. Otherwise, only a visual assessment of Building 17 was performed during re-inspection activities. SELC has provide photographic documentation of suspect ACM building materials present in Building 17 (see Appendix K-5). However, not all suspect ACM in Building 17 are represented in the attached photograph log. Suspect ACM present in Building 17 includes, but is not limited to, other vinyl composition floor tiles and mastics, pipe insulations and mastics, HVAC insulations and mastics window frame caulking, ceiling tiles, gypsum board and joint compound, roofing materials, and down spout tar.

SELC collected 75 bulk samples of suspect materials within the subject structures during the conduct of this re-inspection. All of those samples were analyzed per the EPA's standard PLM method. A narrative description of new homogeneous areas, including all "Friable ACM" and "Non-Friable ACM" identified during this re-inspection is given below, if applicable. Additional information about each ACM is presented in the building specific appendix.

8.1 Friable ACM

All ACM identified during this re-inspection were classified as either friable or non-friable based upon their potential to be crumbled, pulverized or reduced to powder by hand pressure when dry. The following is a list of those newly identified ACM that can be crumbled, pulverized or reduced to powder by hand pressure when dry (i.e. friable):

- ACM pipe fitting insulation – Buildings 3, 39, 40
- ACM pipe insulation – Buildings 3, 39, 40
- ACM HVAC Duct seam tape – Building 4

8.2 Non-Friable ACM

Based upon physical inspections the following newly identified ACM were classified as non-friable:

- ACM 12" Vinyl composition floor tiles – Building 1
- ACM Flooring mastics (generally black in color) – Buildings 1, 3, 4, 17, 40
- ACM Vinyl sheet flooring – Building 6
- ACM Adhesive/glue dots used to secure ceiling tile to plaster ceilings – Building 1
- ACM Mastic on non-ACM pipe fitting insulations – Buildings 3, 4
- ACM Exterior window frame caulk (See Note #1 below) – Buildings 6, 8, 15

  Note #1: While not tested at every structure, it is likely that ACM exterior window frame caulk is present at any building with original wood windows. This includes buildings at

which original windows remain present, but are encased with factory coated metal employed to reduce potential lead exposure hazards. It would be prudent to test window frame caulk on what are presumably old/original windows prior to any planned window removal project or activities that might impact this material.

9.0 CONCLUSIONS AND RECOMMENDATIONS

Generally, most of the re-inspected or newly identified ACMs can be managed in place in accordance with the VAMC asbestos operations and maintenance (O&M) program. Information presented in this report should be incorporated into the existing asbestos operations and maintenance program. Specific areas at which either (1) damaged ACM are present or (2) the presence of newly identified ACM with potential for significant damage should be noted by on-site safety and maintenance personnel, are listed below. Please note that the list provided below in Section 9.0 does not include all ACMs on-site. Please refer to Appendix "*X*"-1 for information related to all homogeneous areas/ACMs that should be properly managed/addressed.

Building 1
- ACM Pipe insulation (HA 36/37, ~ 20 linear feet) present above ceiling tile in Room 235
- ACM Pipe insulation (HA 36/37, ~ 5 linear feet) present above ceiling tile in Room 207

Building 3
- ACM Pipe insulation (HA 35, ~ 10 linear feet) in Rooms 12 and 12A
- ACM Mastic on non-ACM pipe insulation (HA 44) on 2 fittings in Room 12, and ~ 10 fittings in Room 4

Building 4
- ACM Flexible duct connector (HA 13 – 1 duct connector) in mechanical room 9
- ACM Adhesive/glue dots (HA 19B) on plaster ceilings of first floor and mezzanine. Most are covered with non-ACM 1' x 1' ceiling tile
- ACM HVAC duct seam tape (HA 20)
- ACM Mastic over non-ACM pipe fitting insulation (HA 22) on ~ 6 fittings of roof drain piping in Room 7C

Building 5
- ACM Pipe insulation (HA 23) observed on piping in Room 105 and Closet 207A
- ACM Mastic on non-ACM pipe insulation (HA 44) on 2 fittings in Room 12, and ~ 10 fittings in Room 4

Building 6
- ACM Down spout tar (HA 07)
- ACM Exterior window frame caulk (HA 12)

Building 8
- ACM Pipe insulation (HA 11) observed in crawlspace
- ACM Pipe insulation (HA 12) observed in attic
- ACM Exterior window frame caulk (HA 13)

Building 15
- ACM Exterior window frame caulk (HA 12)

Building 17
- ACM Mastic below non-ACM VCT (HA 01) in Rooms 4A and 4B

Building 39
- ACM Pipe insulation (HA 38) exposed in basement stairwells
- ACM Pipe fitting insulation (HA 39 and 40) exposed in basement stairwells

Building 40
- ACM 12" VCT and mastic (HA 03). Please note that, while not a newly identified ACM, HA 03 is noteworthy as this ACM is present in areas of the daycare. This ACM is in good to fair condition in most locations, however is in fair to poor condition in Room 1 of the daycare. Until abated, this ACM (and the condition thereof) should be closely monitoring as it is in a child-occupied area.
- ACM Flexible duct connector (HA 19) in Room 110F-1
- ACM Pipe insulation (HA 23) observed on two pipes above ceiling tiles in Room 110F
- ACM mastic below non-ACM 12" VCT (HA 31) in daycare room 14. Please note that this material is in good to fair condition. Until abated, this ACM (and the condition thereof) should be closely monitoring as it is in a child-occupied area.
- ACM Pipe insulation (HA 34) exposed in basement stairwells
- ACM Pipe fitting insulation (HA 35) exposed in basement stairwells

The EPA and OSHA regulations address various types of ACM differently and all of the associated regulatory issues including disposal for each type are too complex to effectively discuss in this report format. Certain types of ACM must be removed by ADEM/EPA certified abatement personnel prior to renovation or demolition operations that will disturb them. However, other types of ACM can remain in place during renovation or demolition, depending upon the condition of the ACM and the nature of the construction activities, more specifically, the forces that will act upon the ACM. Regardless, all waste that contains ACM should be disposed of in a landfill that is permitted by ADEM to receive ACM. As such, SELC often recommends the complete removal and disposal of all ACM from buildings prior to any renovation or demolition operations. However, it is important to note that this is not necessarily required and cost savings may potentially be achieved by other approaches. Guidance on various options can be obtained from the aforementioned regulatory agencies and/or qualified abatement professionals such as a certified asbestos project designer employed by SELC or another qualified firm.

Renovation projects at regulated facilities, involving at least 160 square feet or 260 linear feet of regulated ACM (RACM), and all demolition projects (regardless of ACM presence), require NESHAP notification, which given this project's location must be filed with the Montgomery office of ADEM at least ten working days prior to activities that would disturb the ACM. Removal of NESHAP regulated ACM must be performed by "Alabama Safe State" accredited asbestos abatement personnel employed by an ADEM licensed asbestos abatement contractor.

The foregoing paragraph relates primarily to the EPA's NESHAP asbestos standard 40 CFR 61 Subpart M. ACM handling is also regulated by OSHA which has a much more complex regulation that is too involved to summarize herein. Any handling of any type of ACM must be conducted in accordance with the OSHA standard by persons trained for the appropriate class of work as outlined by the standard. It is important to note that OSHA regulates all types of ACM handling activities, regardless of the NESHAP status, and all firms and their employees

working on project sites where they will come into contact with ACM must comply with the OSHA Asbestos Standard 29 CFR 1926.1101, which will at a minimum involve specific worker training and worker protection procedures. Furthermore, owners of dwellings that contain ACM, must inform all prospective contractors/employers about the ACM descriptions, locations, and quantities, before those firms bid on or conduct repair, renovation, or demolition work.

10.0 ASSUMPTIONS AND LIMITATIONS

As previously stated this 2014 Three-Year Re-Inspection and Assessment was conducted to update data presented in the afore-referenced, previous inspection and re-inspection reports. SELC has done that and additionally has reviewed other VACM information/notes and conducted various spot checks. Although considerable ACM information was generated during this 2014 re-inspection, it must be understood that areas inspected by SELC were limited to those needed to verify the presence or non-presence of the ACM listed in the previous inspection and re-inspection reports. In addition, the sampling conducted by SELC during this re-inspection was limited in nature. Also, SELC did not conduct TEM analysis on negative NOB materials. Although SELC made every attempt to identify ACM in the subject structures, it is reasonable to assume that many of the ACMs identified herein were homogeneously installed throughout several buildings of similar construction date, and may be located in spaces other than the specific examples listed herein. This report is compiled for the VAMC's material tracking, hazard awareness, long term planning, and general information purposes.

The performance of a comprehensive, initial asbestos inspection of Building 17 would require additional time and sampling that is beyond the scope of this re-inspection. Therefore, only a visual assessment of Building 17 was performed during re-inspection activities.

End of report narrative.

APPENDIX A

BUILDING 1
MAIN BUILDING



INCLUDED IN APPENDIX A:

A-1 – Annual Asbestos Re-inspection Documentation

A-2 – Homogeneous Area / Sample Summary Table

A-3 – Sample/ACM Location Plans

A-4 – PLM Laboratory Reports

A-5 – Photographic Documentation

A-6 – Estimated Asbestos Abatement Costs

A-7 – Additional VAMC Supplied Notes/Information

APPENDIX A-1
Annual Asbestos Re-inspection Documentation

BUILDING 1 HOMOGENEOUS AREA LIST

HA 01 = 12” X 12” FLOOR TILE (OFF-WHITE WITH GREY AND BLUE) - NAD
HA 02 = 12” X 12” FLOOR TILE (MULTI-BROWN)
HA 03 = LINOLEUM (BLUE) - REMOVED
HA 04 = 9” X 9” FLOOR TILE (OFF-WHITE)
HA 05 = 12” X 12” FLOOR TILE (OFF-WHITE WITH BROWN)
HA 06 = 12” X12” FLOOR TILE (GREY WITH BROWN) - NAD
HA 07 = 12” X 12” FLOOR TILE (OFF-WHITE WITH GREEN) - REMOVED
HA 08 = 9” X 9” FLOOR TILE (BURGUNDY AND BLACK ALTERNATING) - REMOVED
HA 09 = 9” X 9” FLOOR TILE (LIGHT BROWN)
HA 10 = 9” X 9” FLOOR TILE (YELLOW AND BLUE ALTERNATING) – NAD/REMOVED
HA 11 = 12” X 12” FLOOR TILE (WHITE) – NAD
HA 12 = 9” X 9” FLOOR TILE (BLACK)
HA 13 = 9” X 9” FLOOR TILE (YELLOW AND GREEN) – NAD / REMOVED
HA 14 = 9” X 9” FLOOR TILE (MULTI – WHITE) - REMOVED
HA 15 = LINOLEUM (YELLOW)
HA 16 = 12” X 12” FLOOR TILE (OFF-WHITE WITH BLUE)
HA 17 = 12” X 12” FLOOR TILE (BROWN WITH DARK BROWN) - REMOVED
HA 18 = 12” X 12” FLOOR TILE (MULTI – LIGHT BROWN) - REMOVED
HA 19 = 12” X 12” FLOOR TILE (GREEN WITH DARK GREEN) - REMOVED
HA 20 = 9” X 9” FLOOR TILE (WHITE WITH BLACK SPOTTED)
HA 21 = 12” X 12” FLOOR TILE (WHITE WITH BLACK) - REMOVED
HA 22 = FLEX DUCT CONNECTORS
HA 23 = CEILING TILE, 2’ X 2’ GROOVE AND PINHOLE (OLD) – NAD
HA 24 = CEILING TILE, 2’ X 2’ GROOVE AND PINHOLE (NEW) – NAD
HA 25 = CEILING TILE, 2’ X 2’ GREY – NAD
HA 26 = CEILING TILE, 2’ X 2’ WHITE – NAD
HA 27 = CEILING TILE, 2’ X 2’ PINHOLE - NAD
HA 28 = CEILING TILE, 2’ X 2’ GROOVE – NAD
HA 29 = CEILING TILE, 2’ X 2’ SHALLOW GROOVE - NAD
HA 30 = CEILING TILE, 2’ X 4’ GROOVE AND PINHOLE (NEW) – NAD
HA 31 = CEILING TILE, 2’ X 2’ GREY WITH WHITE SPOTTED – NAD
HA 32 = PLASTER, SMOOTH (ORIGINAL WALLS AND CEILINGS) – NAD
HA 33 = LAB TABLE TOPS – NAD
HA 34 = ????
HA 35 = PIPE INSULATION – FOAM GLASS – NAD
HA 36 = PIPE INSULATION – MAGNESIA TYPE – STEAM SYSTEM PIPING
HA 37 = PIPE INSULATION – CARDBOARD TYPE – DOMESTIC WATER SYSTEM PIPING
HA 38 = DUCT INSULATION – NAD
HA 39 = PIPE FITTING INSULATION ON FIBERGLASS RUNS - REMOVED
HA 40 = WALLBOARD/GYPSUM BOARD - NAD
HA 41 = 9” X 9” FLOOR TILE (BURGUNDY AND BROWN ALTERNATING) - REMOVED
HA 42 = 12” X 12” FLOOR TILE (OLIVE GREEN) – NAD
HA 43A = ROOFING TAR (BUILT UP ROOFING) - NAD
HA 43B = ROOFING TAR (TRIM BELOW SHINGLES) - REMOVED
HA 44 = DOWNSPOUT TAR AT JOINTS - REMOVED
HA 45 = ROOFING FELT – NAD
HA 46 = ROOFING TAR (PARAPET)
HA 47 = UNKNOWN
HA 48 = EXPANSION JOINT MATERIAL ON EXTERIOR OF BUILDING – NAD
HA 49 = SPRAY-APPLIED FIREPROOFING MATERIAL - NAD
HA 50 = TANK INSULATION – NAD

BUILDING 1 HOMOGENEOUS AREA LIST (continued)

HA 51/52 = 12" X 12" FLOOR TILE (OFF-WHITE WITH TAN SPECKS) AND MASTIC
HA 53 = UNKNOWN
HA 54 = 12" x 12" FLOOR TILE (OFF-WHITE WITH GREY AND BROWN) AND MASTC – REMOVED
HA 55 = 12" X 12" VINYL COMPOSITION FLOOR TILE (OFF-WHITE) AND BLACK MASTIC, BELOW CARPET
HA 56 = ADHESIVE/GLUE DOTS ON PLASTER CEILINGS
HA 57 = 12" X 12" VINYL COMPOSITION FLOOR TILE (OFF-WHITE WITH GREEN STREAKS) AND CREAM/BROWN MASTIC
HA 58 = FIBERBOARD PANEL ON MECHANICAL PENTHOUSE ROOF

HA = HOMOGENEOUS AREA
HA = ASBESTOS CONTAINING MATERIAL
NAD = NO ASBESTOS DETECTED
HA (ITALICIZED) = IDENTIFIED BY SELC DURING 2014 RE-INSPECTION. OTHER HOMOGENEOUS AREAS IDENTIFIED DURING PREVIOUS RE-INSPECTIONS/INSPECTIONS BY OTHER CONSULTANTS.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 02 Date: 7/22/14
Description: Floor tile, 12" x 12" (Multi-brown) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Good to fair condition. Present in Elevator P-5 (~50 ft^2), Room 41S (~ 120 ft^2 - see photograph 1), Room 270 (see photograph 7, ~80 ft^2). Also present below carpet in Room 42C (~ 100 ft^2). Not present in Corridors 49, 51-52, 163A & B, corridor 120 - now have Centiva flooring or carpet over concrete. Carpet over concrete in Rooms 335 & 337 (former rooms 302 and 360, respectively).

2009 Inspection Note: Elevators P-1 and P-2 abated/replaced ACM with new vinyl sheet flooring. Room 270A and P-5 - fair to poor condition. Rooms 42C, 335, and 337 - have carpet over tile. No mention of 302, 352, 360. All ACM or ACE with potential for damage. Room 335 assigned HA 14 in 1991/2002 inspections. Room 337 assigned HA 19 in 1991/2002 inspections.

2002 Inspection Note: ACM/ACE with potential for damage. Elevators P-1, P-2, P-5, Rooms 42C, 270A, 302, 352, 360. Good condition. Please note Room 303 changed to HA #54.

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 42C, and connecting corridors 49, and 51-52, Rooms 163A, 163B and connecting corridor 120, Rooms 302-303 & 360

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 03 Date: 7/21 & 22/14
Description: Linoleum (blue) Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed and replaced with thick rubber/vinyl in stairwells

2009 Inspection Note: Says all abated / no longer asbestos, but corner of bottom stair at landings 133 and 401A needs repair (trip hazard). In 2008, SELC referenced 302, 305, 355, 367, 401A and 406. But there was no mention of 322, 334, 341, or 418.

2002 Inspection Note: ACM/ACE with potential for damage, Stairways landings 29, 38, 41, 123, 133, 138, 230, 237, 241, 322, 334, 341, and 418 with connecting stairs. Good condition.

1991 Inspection Note: ACM/ACE with potential for damage, Stairways 29, 38, 41, 123, 133, 138, 230, 237, 241, 322, 334, 341, 418.

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 04 Date: 7/22/14
Description: 9" x 9" Floor tile (off-white) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Fair condition. Approximately 2' x 1.5' area of HA 04 present in Room 47 (see photograph 2). Rest of flooring in Room 47 is newer VCT.

2009 Inspection Note: N/A

2002 Inspection Note: Abated, per 2002 report.

1991 Inspection Note: ACM/ACE with potential for damage. Room 47 (130 SF)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 05 Date: 7/21&22/14
Description: 12" x 12" Floor tile (off-white with brown) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
X ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Good to poor condition. Observed in Room 1 (~only 25 ft^2 on floor surface – rest (450 ft^2) on elevated floor), Room 37A (~ 60 ft^2 - see Sample B1-6.), and Room 41R (~ 150 ft^2).

2009 Inspection Note: No comment with regard to Room 1. Second floor - appears to be 2002's HA # 51/52. See sheet for 51/52.

2002 Inspection Note: No comment with regard to Room 1. Second floor - appears to be 2002's HA # 51/52. See sheet for 51/52.

1991 Inspection Note: ACM/ACE with potential for damage – Room 1 (25 SF) / Majority of 2nd floor (13,555 SF)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 07 Date: 7/22/14
Description: 12" x 12" Floor tile (off-white with green) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Carpet over concrete in Room 35 D (mail room)

2009 Inspection Note: No comment/information

2002 Inspection Note: No comment/information

1991 Inspection Note: ACM – Room 35 D (140 sf)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 08 Date: 7/22/14
Description: 9" x 9" Floor tile (burgundy & black alternating) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: N/A - Now has beige rubber/vinyl

2009 Inspection Note: N/A

2002 Inspection Note: Removed, from Room 137, per 2002 report.

1991 Inspection Note: ACM – Room 137 (100 sf)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 09 Date: 7/22/14
Description: 9" x 9" Floor tile (light brown) Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: ACM or ACE with potential for damage. Good condition. Present in Room 127 (~ 40 ft^2). Rooms 101, 101A now finished with new stone tile.

2009 Inspection Note: No comment/information

2002 Inspection Note: No comment/information

1991 Inspection Note: No asbestos detected. Rooms 101, 101A, and 127

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 10 Date: 7/22/14
Description: 9" x 9" Floor tile (yellow and blue alternating) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Centiva flooring now present in corridors 162 and 164. Carpet over concrete in Rooms 129-132.

2009 Inspection Note: No comment/information

2002 Inspection Note: Removed from Rooms 129-132, per 2002 report. No comment related to corridors 162 or 164

1991 Inspection Note: NO ASBESTOS DETECTED – 129-132 and corridors 162 and 164

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 12 Date: 7/21 & 22/14
Description: 9" x 9" Floor tile (black and white streaks) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
(3)	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Approximately 12 ft^2 in Room 111A – poor condition. Other tile in 111A is ceramic. Removed from Rooms 110, 407, 424, 427, 428.

2009 Inspection Note: No reference to Rooms 410, 414, 416. 2008 referenced Room 427 as abated. Rooms 407 and 424 - good condition. Room 428 carpeted. Previous reports indicated that HA 20 is present in Rooms 407 and 428. ACM or ACE with potential for damage.

2002 Inspection Note: ACM/ACE with potential for damage. Rooms 410, 414, 416, and 424. Fair condition. Removed from Room 110, per 2002 report.

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 110, 414 and 416

Recommendation Response Action (circle applicable actions)

(*O&M*) (*Remove/Enclose/Encapsulate*) *Evacuate/Restrict*

Explain: In poor condition. Maintain in place until practical to remove or encapsulate.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 13 Date: 7/22/14
Description: 9" x 9" Floor tile (yellow and green alternating) Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Carpet over concrete present in Corridor 163.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: NO ASBESTOS DETECTED – Corridor 163

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 14 Date: 7/21 & 22/14
Description: 9" x 9" Floor tile (multi-white) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Carpet over concrete in Rooms 117, Rooms 120A-F. New 12" VCT in corridors, Carpet over concrete in Room 335.

2009 Inspection Note: No comment. SELC says Room 335 is HA 02.

2002 Inspection Note: Removed from Rooms 117, 120, 120C, 120E, 121, per 2002 report. No comment related to Rooms 120A, 120B, 120C, 120D, 120F, Corridors 367 and 361, Room 335.

1991 Inspection Note: ACM – Rooms 117, 120A-F, 121 and Corridor 120, Corridors 367 and 361, Room 335

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 15 Date: 7/21/14
Description: Linoleum (yellow with mosaic pattern) Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Below carpet in Room 234 (270 ft^2) – good condition, exposed in Room 235A (see photograph 5 - 150 ft^2) – fair condition.

2009 Inspection Note: ACM/ACE with potential for damage. Room 234 has carpet with 9" threshold at door

2002 Inspection Note: ACM/ACE with potential for damage. Room 234. Good condition.

1991 Inspection Note: ACM/ACE with potential for damage. Room 234 (220 sf)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 16 Date: 7/21/14
Description: 12" x 12" Floor tile (off-white with blue) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
X ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Present/exposed in Room 323 (good condition - ~ 90 ft^2) Removed from other, below-referenced rooms and corridors of 3rd floor; replaced with either new 12" VCT or carpeting.

2009 Inspection Note: SELC indicated in 2008 report that No asbestos detected / HA 16 was abated/removed. Rooms 303, 307, 307A, 308, 309, 311, 312, 314, 315, 316, 317, 318, 320, 321, 322, 325, 327, 328, 333, 334, 339, 345, 347, 352, 353, 357, 358, 359, 360, 361, 362, 363, 364, 365, 368, 369, 371, 372, 373, 374, 375, 376 – have carpet. Rooms 313, 319, 332, 340, 342, 343, 346, 351, 354, 356 – have new floor tile.

2002 Inspection Note: ACM/ACE with potential for damage. Same rooms as identified in 1991, plus 300, 308, 343, 362. Does not include Corridor 300 or 355B. Good condition.

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 305-306, 306A, 308A and C, 310, 311A, 311C, 312, 312A, 314-320, 323, 326, 339-340, 343A, 344, 345A, 345B, 346, 346A, 347-351B, 353, 354A, 354B, 355B, 356-358, 363B, 363C, and Corridors 300, 362, 363-366

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 17 Date: 7/21/14
Description: 12" x 12" Floor tile (brown with dark brown) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Carpet over concrete in Room 336 (former Room 301). Current Room 301 is a bathroom (ceramic tile)

2009 Inspection Note: No reference to Room 301. References only Room 336 (has carpet over tile)

2002 Inspection Note: ACM/ACE with potential for damage. Room 301. Good condition.

1991 Inspection Note: ACM/ACE with potential for damage. Room 301

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 18 Date: 7/21/14
Description: 12" x 12" Floor tile (multi light brown) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: New 12" cream VCT over concrete in Rooms 301, 301B, 301C (former 330, 332, 332A, and 333). Carpet over concrete or new 12" VCT over concrete in current rooms 330, 332-333.

2009 Inspection Note: No reference to Rooms, 330, 332, 332A, or 333. References Rooms 301, 301A, 301B, 301C as being in good condition. ACM or ACE with potential for damage.

2002 Inspection Note: ACM/ACE with potential for damage. Rooms 300, 332, 332A, and 333. Good condition.

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 330, 332-333 (1,010 sf)

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 19 Date: 7/21/14
Description: 12" x 12" Floor tile (green with dark green) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Carpet over concrete in Room 304 (former room 337). Carpet over concrete in current room 337.

2009 Inspection Note: No comment in 2009 report. 2008 report makes no reference to Room 337. References only that Room 304 has only carpet. No ACM

2002 Inspection Note: ACM/ACE with potential for damage. Room 337, under carpet.

1991 Inspection Note: ACM/ACE with potential for damage. Room 337 (235 sf)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 20 Date: 7/21/14
Description: 9" x 9" Floor tile (white with black specks) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Present below carpet in Room 235 (fair condition, ~600 ft^2), and exposed in 235 closet (fair condition, ~45 ft^2). Mostly below HA 02 in 270A (see photograph 7 – 80 ft^2), with a small area of HA 20 exposed in 270A (good to fair condition). Present below carpet in Room 401 (good condition, ~120 ft^2). Removed from below-referenced rooms on 4th floor. Flooring in these areas now carpet or new 12" VCT in these 4th floor areas.

2009 Inspection Note: No comment in 2009 report. 2008 report says no asbestos detected. However, no reference to Rooms 402, 404, 405, 406, 417A, 430, 431, 432, 433, 434. 2008 report says no asbestos. Rooms 401, 403, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 423, 426, 428, 429 have carpet. Room 400 has ceramic tile.

2002 Inspection Note: ACM/ACE with potential for damage. Same as 1991, plus Room 400, 417. Good condition. Excludes 412.

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 401-407, 409, 412-413, 415, 417A, 419, 425-434, and corridor 400 (4,610 sf)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 21 Date: 7/21/14
Description: 12" x 12" Floor tile (white with black) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed from Room 421 (former rooms 408, 408A, and 400). Carpeting now present in these rooms. Carpet or new 12" VCT present in current areas/rooms 400, 408, 408A.

2009 Inspection Note: No comment in 2009 Report. 2008 Report indicates no asbestos detected. However, makes no reference to rooms 408 and 408A. Says Room 421 has carpet, and Room 400B has ceramic tile.

2002 Inspection Note: ACM/ACE with potential for damage. Rooms 400B, 408, and 408A. Good condition. Excludes Corridor 400 (from 1991)

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 408, 408A & corridor 400 (645 sf)

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 22 Date: 7/21 & 22/14
Description: Flexible Duct Connector Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
__X__ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
(3)	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Observed in attic (6), and Pipe chases 256A, 326, 348, and pipe chase near closet 424 (two per chase). Good to fair condition. Rubber/vinyl flexible duct connectors observed in Rooms 147A, 135A, 235.

2009 Inspection Note: No comment/information

2002 Inspection Note: No comment/information

1991 Inspection Note: ACM – Fifth Floor (6 each)

Recommendation Response Action (circle applicable actions)

(*O&M*) (*Remove*)/*Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Currently in good to fair condition. Maintain in place until practical/feasible to remove/replace.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 36 Date: 7/21 & 22/14
Description: Pipe insulation, magnesia-type-steam system piping Inspector: E. Hyde

Physical Assessment (check all that apply)

X Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
(5)	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Per VAMC personnel, ACM TSI has been removed/replaced as needed since early 1990s in accessible chases, basement, attic, and crawlspaces as needed. Newer kraft-faced, fiberglass, hard foam, or calcium silicate insulation observed by SELC in attic, accessible chases on all floors, and/or generally above ceiling tiles. However, HA 36 observed on two pipes (~ 20 linear feet, poor condition) above ceiling tile in Room 235. Also likely still present in inaccessible areas, such as wall and ceiling cavities (inside / above plaster).

2009 Inspection Note: Generally present throughout building.

2002 Inspection Note: Indicated removed from various pipe chases. Otherwise present throughout building.

1991 Inspection Note: Damaged or significantly damaged TSI ACM/ACE - 5th floor attic space west (15 LF), basement (inaccessible – 2,220 LF), 1st floor (inaccessible – 1,822 LF), 2nd floor (inaccessible – 2,255 LF), 3rd floor (inaccessible – 1,665 LF), 4th floor (inaccessible – 105 LF)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Remove as soon as practical in above-referenced, accessible areas. Otherwise, manage in place. Remove or encapsulate as needed/encountered during renovation/repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 37 Date: 7/21 & 22/14
Description: Pipe insulation, cardboard-like domestic water piping Inspector: E. Hyde

Physical Assessment (check all that apply)

X Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
(5)	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Per VAMC personnel, ACM TSI has been removed/replaced as needed since early 1990s in accessible chases, basement, attic, and crawlspaces as needed. Newer kraft-faced, fiberglass or foam insulation, or un-insulated piping observed by SELC in attic, accessible chases on all floors, and/or generally above ceiling tiles. However, HA 37 observed on one pipe (~ 5 linear feet, poor condition) above ceiling tile in Room 207. Also still likely present in wall cavities and other visually inaccessible other areas.

2009 Inspection Note: Generally present throughout building.

2002 Inspection Note: Indicated removed from various pipe chases. Otherwise present throughout building.

1991 Inspection Note: Damaged or significantly damaged TSI ACM/ACE - 2nd floor (72 LF-accessible, 60 LF-inaccessible), 3rd floor (20 LF-accessible, 12 LF-inaccessible), 4th floor (20 LF-inaccessible)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Remove as soon as practical in above-referenced, accessible area. Otherwise, manage in place when encountered, until such time as practical to remove. Remove or encapsulate as needed/encountered during renovation/repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 39 Date: 7/21/14
Description: Pipe fitting insulation on fiberglass runs Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Not observed in machine room, 5th floor / attic. Fittings are either un-insulated or insulated with fiberglass covered with plastic elbows.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: Damaged or significantly damaged TSI ACM/ACE – Machine room, 5th floor (60)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 41 Date: 7/21 & 22/14
Description: 9" x 9" Floor tile (burgundy & brown alternating) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed from previously mentioned rooms. New 12" VCT or carpet over concrete now present.

2009 Inspection Note: No comment in 2009 Report. 2008 Report makes no reference to Rooms 326A, 335A, or 413A. However, says no asbestos in Rooms 303, 370, and 426 - have carpet.

2002 Inspection Note: ACM/ACE with potential for damage. Rooms 326A, 335A, and 413A. Good to fair condition. Removed from Rooms 107 and 108, per 2002 report.

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 107-108 (68 sf)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 43B Date: 7/21 & 22/14
Description: Roofing tar (trim) Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Per VAMC personnel, HA 43B abated as part of major roof replacement project recently completed.

2009 Inspection Note: Not addressed per SOW

2002 Inspection Note: ACM/ACE with potential for damage. Roof. Good condition.

1991 Inspection Note: ACM/ACE with potential for damage. Roofing tar trim below shingles (3,000 sf)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 44 Date: 7/23/14
Description: Downspout tar Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Reportedly abated. No HA 44 observed.

2009 Inspection Note: Not addressed per SOW

2002 Inspection Note: ACM/ACE with potential for damage. Good condition.

1991 Inspection Note: ACM/ACE with potential for damage. Tar on downspout joints (8 each)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 46 Date: 7/21-23/14
Description: Roofing tar (parapet) Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Roof, parapet walls. No flat roofs were replaced during recent major roof replacement project.

2009 Inspection Note: Not addressed per SOW

2002 Inspection Note: ACM/ACE with potential for damage. Roof, parapet only.

1991 Inspection Note: ACM/ACE with potential for damage. Tar on parapet (350 sf)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 49 Date: 7/ /14
Description: Spray-applied fireproofing Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Same material observed on ceiling deck, above ceiling tile, in Room 260 and adjacent room. No asbestos detected in sample B1-7 collected from Room 260.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: NO ASBESTOS DETECTED – Room 207

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: _____

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 51/52 Date: 7/21/14
Description: 12" X 12" Floor tile (off-white with tan specks) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
X ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Exposed flooring in Rooms 200A, 203, 207, 220, 228, 238-good to fair condition. Below carpet in Rooms 200, 201, 202, 204, 206, 209, 210, 212, 218, 219, 221, 222, 223, 224, 225, 226, 227, 231, 232, 233, 236, 239, 240, 240E, 243, 244, 245, 246, 247, 249, 250, 251, 252, 257, 259, 263, 265-good condition. Room 235A - HA 15/linoleum over tile. Approx. 13,000 ft^2

2009 Inspection Note: ACM/ACE with potential for damage. Rooms 203, 207, 220, 228, 238 - good condition. Rooms 200A - fair condition. Rooms 200, 201, 202, 204, 206, 209, 210, 212, 218, 219, 221, 222, 223, 224, 225, 226, 227, 231, 233, 235, 236, 239, 240, 240B, 244, 245, 246, 247, 249, 250, 251, 252, 257, 259, 263, 265 - have carpet. Room 235A - has mottled linoleum over tile. No access-reportedly in fair condition.

2002 Inspection Note: ACM/ACE with potential for damage. Rooms 200, 200A, 201, 202, 203, 204, 206, 207, 209, 210, 212, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 231, 232, 233, 235, 235A, 236, 238, 239, 240 240B, 243, 244, 245, 246, 247, 249, 250, 251, 252, 257, 259, 263, 265 (12,708 SF). Good condition. (Appears likely to be same as CAPE/1991's HA #05).

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 54 Date: 7/21/14
Description: 12" Floor tile (off-white with grey and brown) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Carpet over concrete in former Room 303 (now Room 338), and in current Room 303.

2009 Inspection Note: No comment/information in 2009 report. No reference to Room 303. SELC says no ACM in Room 338 (formerly Room 303) - has carpet.

2002 Inspection Note: ACM/ACE with potential for damage. Room 303 (201 sf). Good condition.

1991 Inspection Note: HA #02 assigned to Room 303 in 1991.

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 55 Date: 7/22/14
Description: 12" X 12" Floor tile (off-white) & black mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Present below carpet in Rooms 109A-E and 126. Good condition, ~ 900 ft^2. See sample B1-1 and sample B1-4 asbestos detected in VCT and black tile mastic. No asbestos detected in carpet mastic on top of tile.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 56 Date: 7/22/14
Description: Adhesive/glue dots (brown) on plaster ceiling Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
X ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
(3)	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Brown adhesive/glue dots presumably used to adhere/secure 1' x 1' ceiling tiles (now gone) to plaster ceiling. HA 56 is present above newer lay-in ceiling tiles on the first floor. Good to fair condition. Present on possibly 15,000 ft^2 of ceiling space. See samples B1-2 (first floor, asbestos identified) and B1-3 (third floor, asbestos not identified). If observed at other locations in Building 1, presume to be ACM unless tested.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 57 Date: 7/22/14
Description: 12" X 12" Floor tile (off-white) & black mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
X ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Present below carpet in Rooms 109A-E. Good condition, ~ 800 ft^2. See sample B1-1 – asbestos detected in VCT and black tile mastic. No asbestos detected in carpet mastic on top of tile.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 1 Homogeneous Area #: 58 Date: 7/22/14
Description: Fiberboard panels on mechanical penthouse roof Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Fiberboard panels on mechanical penthouse. Original suspect to be transite; however, upon inspection appeared to be a fiberboard material. See sample B1-8 – no asbestos detected.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

APPENDIX A-2
Homogeneous Area / Sample Summary Table

HOMOGENEOUS AREA / SAMPLE SUMMARY TABLE PROJECT: 2014-1108 – BUILDING 1					
HOMG. AREA (HA#)	**HOMOGENEOUS AREA (HA) DESCRIPTION & LOCATION**	**HA TYPE (AHERA) EPA/OSHA CATG. (IF ACM) CONDITION (IF ACM)**	**SAMPLE NO.**	**ASBESTOS CONTENT**	**SAMPLE LOCATION**
05**	**12" x 12" Vinyl composition floor tile (off-white with brown) and black mastic in Room 37A.**	**Miscellaneous ACM NESHAP Category (Catg.) 2 Non-Friable (NF) ACM OSHA Class II Work Good**	**B1-6**	**2% Chrysotile in Tile 5% Chrysotile in Mastic**	**Room 37E**
49**	Spray-applied fireproofing (soft, white) observed on concrete decking in Rooms 207 and 260.	Surfacing Material Not ACM	B1-7	None Detected	Room 260
55	**12" x 12" Vinyl composition floor tile and black mastic below carpet in Rooms 109A-E and Room 126.**	**Miscellaneous ACM NESHAP Catg. 2 NF ACM OSHA Class II Work Good**	**B1-1**	**2% Chrysotile in Tile**	**Room 109E**
			B1-4	**5% Chrysotile in Mastic**	**Room 126**
56	**Adhesive/glue dots (brown) on plaster ceilings in various locations on first floor, and in third floor elevator lobby. Used to adhere 1' x 1' fiberboard ceiling tiles to plaster ceilings. Please note that HA 56 is concealed by newer lay-in ceiling tile systems.**	**Miscellaneous ACM NESHAP Catg. 2 NF ACM OSHA Class II Work Good**	**B1-2**	**5% Chrysotile**	**1st floor corridor**
			B1-3	None Detected	3rd floor elevator lobby
57	**12" x 12" Vinyl composition floor tile (off-white with green streaks) and brown mastic in Room 111G.**	**Miscellaneous ACM NESHAP Catg. 2 NF ACM OSHA Class II Work Good**	**B1-5**	**2% Chrysotile in Tile None Detected in Mastic**	**Room 111G**
58	Fiberboard panels on mechanical penthouse	Miscellaneous Material Not ACM	B1-8	None Detected	Mechanical Penthouse Roof
END OF TABLE					

Notes: 1. ** = Homogeneous area # previously identified by others.

2. If not demarked with an **, this is a new homogeneous area identified by SELC during this re-inspection

APPENDIX A-3
Sample/ACM Location Plans

ACM LEGEND:

ACM = ASBESTOS CONTAINING MATERIAL
VCT = VINYL COMPOSITION TILE
NAD = NO ASBESTOS DETECTED / NO ACM

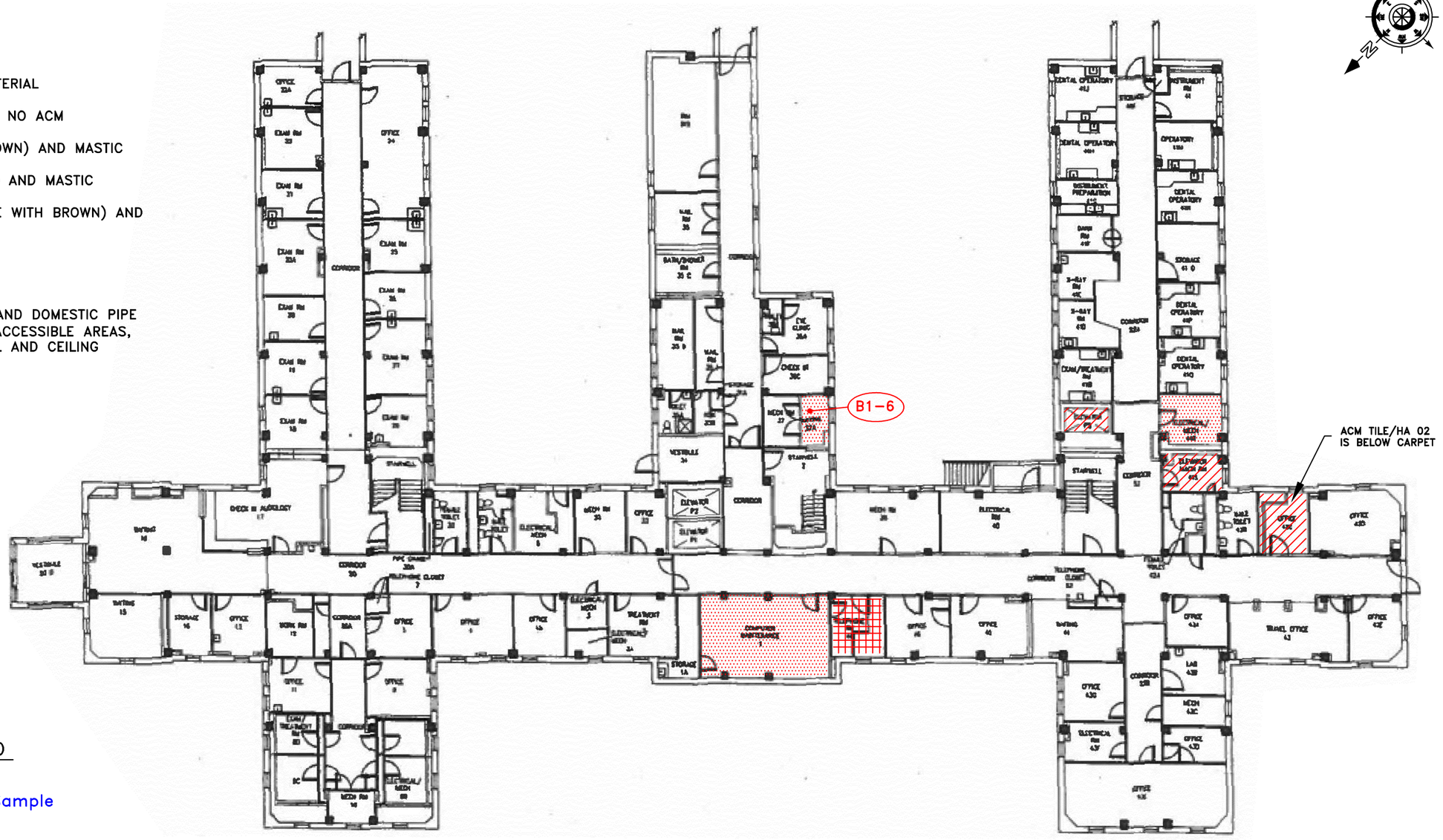
HA02 – 12" VCT (MULTI–BROWN) AND MASTIC

HA04 – 9" VCT (OFF–WHITE) AND MASTIC

HA05 – 12" VCT (OFF–WHITE WITH BROWN) AND MASTIC

ASBESTOS NOTES:

1. HA 36 AND HA 37 (ACM STEAM AND DOMESTIC PIPE INSULATIONS) LIKELY PRESENT IN INACCESSIBLE AREAS, SUCH AS BUT NOT LIMITED TO, WALL AND CEILING CAVITIES.



SAMPLE LOCATION LEGEND

B1–1 Sample Locations/ No Asbestos Detected in Sample

B1–1 Sample Locations/ Asbestos Detected in Sample

NOT TO SCALE

BUILDING 1 – GROUND FLOOR

SHEET 1: BUILDING 1 – GROUND FLOOR	Safety Environmental Laboratories and Consulting, Inc. SELC 989 Yeager Parkway Pelham, AL 35124 (205) 823–6200 fax (205) 823–9066	PROJECT 3–YEAR ASBESTOS RE–INSPECTION VAMC TUSCALOOSA 3701 LOOP ROAD TUSCALOOSA, ALABAMA 35404 SELC PROJECT NO.: 2014–1108	BUILDING 1 GROUND FLOOR SHEET 1 OF 6

ACM LEGEND:

ACM = ASBESTOS CONTAINING MATERIAL
VCT = VINYL COMPOSITION TILE
NAD = NO ASBESTOS DETECTED / NO ACM

HA02 – 12" VCT (MULTI–BROWN) AND MASTIC

HA09 – 9" VCT (LIGHT BROWN) AND MASTIC

HA12 – 9" VCT (BLACK AND WHITE) AND MASTIC

HA55 – 12" VCT (OFF–WHITE) AND MASTIC – BELOW CARPET

HA57 – 12" VCT (OFF–WHITE WITH GREEN STREAKS) AND MASTIC

ASBESTOS NOTES:

1. HA 22 (ACM FLEXIBLE DUCT CONNECTOR) PRESENT IN ROOMS/PIPE CHASES 135A AND 147A. TWO PER CHASE.

2. HA 36 AND HA 37 (ACM STEAM AND DOMESTIC WATER PIPE INSULATIONS) LIKELY PRESENT IN INACCESSIBLE AREAS, SUCH AS BUT NOT LIMITED TO, WALL AND CEILING CAVITIES.

3. HA 56 (ACM BROWN ADHESIVE/GLUE DOTS) IS PRESENT AT VARIOUS LOCATIONS ON FIRST FLOOR PLASTER CEILINGS, WHICH ARE ABOVE NEWER LAY–IN CEILING TILE SYSTEMS.



SAMPLE LOCATION LEGEND

B1–1 Sample Locations/ No Asbestos Detected in Sample

B1–1 Sample Locations/ Asbestos Detected in Sample

NOT TO SCALE

BUILDING 1 – FIRST FLOOR

SHEET 2: BUILDING 1 – FIRST FLOOR

Safety Environmental Laboratories and Consulting, Inc.
SELC
989 Yeager Parkway
Pelham, AL 35124
(205) 823–6200 fax (205) 823–9066

PROJECT

3–YEAR ASBESTOS RE–INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404
SELC PROJECT NO.: 2014–1108

BUILDING 1
FIRST FLOOR
SHEET 2 OF 6

ACM LEGEND:

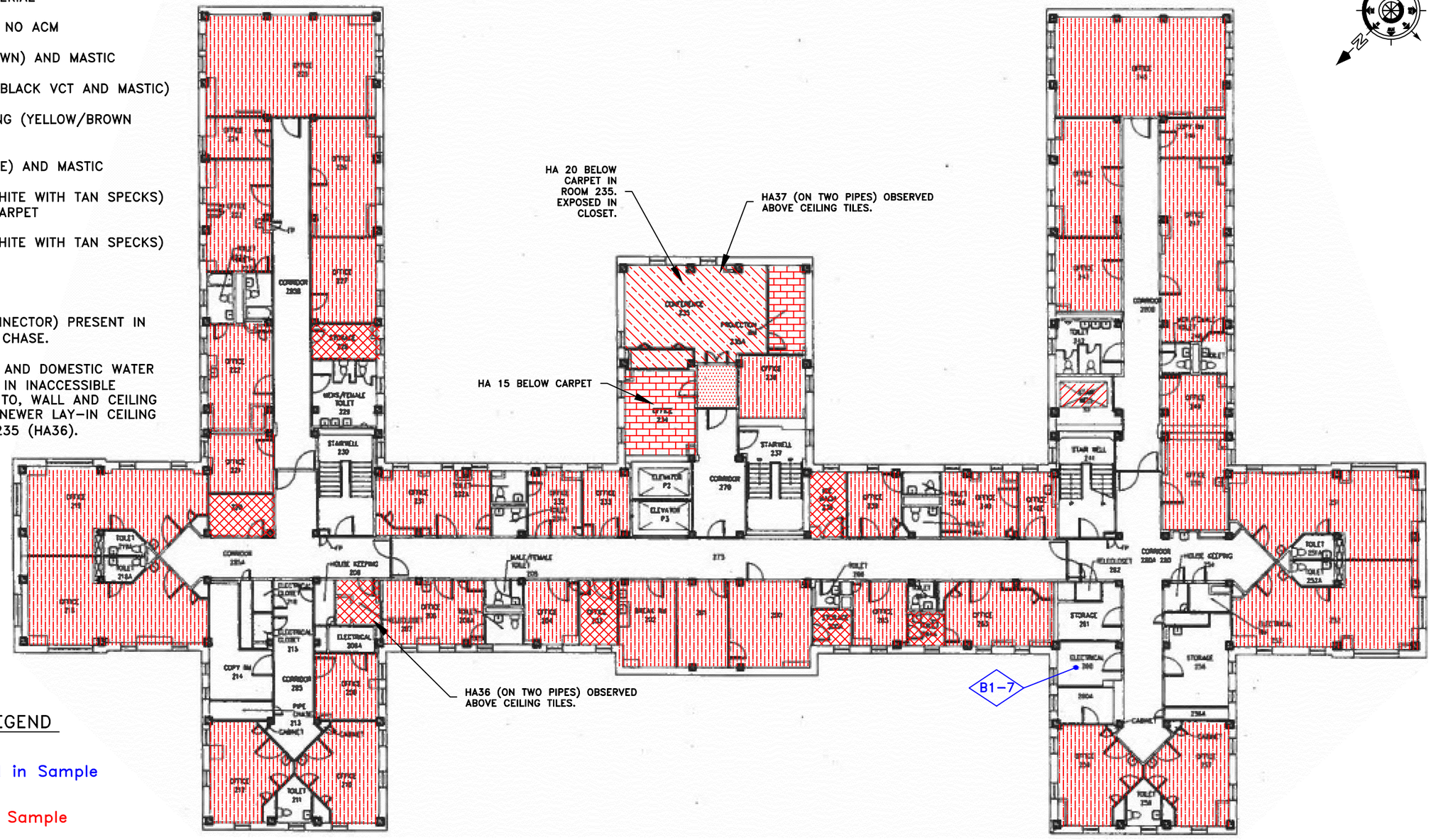
ACM = ASBESTOS CONTAINING MATERIAL
VCT = VINYL COMPOSITION TILE
NAD = NO ASBESTOS DETECTED / NO ACM

- HA02 – 12" VCT (MULTI–BROWN) AND MASTIC
- HA02 OVER HA20 (9" WHITE/BLACK VCT AND MASTIC)
- HA15 – VINYL SHEET FLOORING (YELLOW/BROWN MOSAIC PATTERN)
- HA20 – 9" VCT (BLACK/WHITE) AND MASTIC
- HA51/52 – 12" VCT (OFF–WHITE WITH TAN SPECKS) AND MASTIC – BELOW CARPET
- HA51/52 – 12" VCT (OFF–WHITE WITH TAN SPECKS) AND MASTIC – EXPOSED

ASBESTOS NOTES:

1. HA 22 (ACM FLEXIBLE DUCT CONNECTOR) PRESENT IN ROOM/PIPE CHASE 256A. TWO PER CHASE.

2. HA 36 AND HA 37 (ACM STEAM AND DOMESTIC WATER PIPE INSULATIONS) LIKELY PRESENT IN INACCESSIBLE AREAS, SUCH AS BUT NOT LIMITED TO, WALL AND CEILING CAVITIES. ALSO OBSERVED ABOVE NEWER LAY–IN CEILING TILES IN ROOMS 207 (HA37) AND 235 (HA36).



SAMPLE LOCATION LEGEND

- B1–1 Sample Locations/ No Asbestos Detected in Sample
- B1–1 Sample Locations/ Asbestos Detected in Sample

NOT TO SCALE

BUILDING 1 – SECOND FLOOR

SHEET 3: BUILDING 1 – SECOND FLOOR

Safety Environmental Laboratories and Consulting, Inc.
SELC
989 Yeager Parkway
Pelham, AL 35124
(205) 823–6200 fax (205) 823–9066

PROJECT

3–YEAR ASBESTOS RE–INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404
SELC PROJECT NO.: 2014–1108

BUILDING 1
SECOND FLOOR
SHEET 3 OF 6

ACM LEGEND:

ACM = ASBESTOS CONTAINING MATERIAL
VCT = VINYL COMPOSITION TILE
NAD = NO ASBESTOS DETECTED / NO ACM

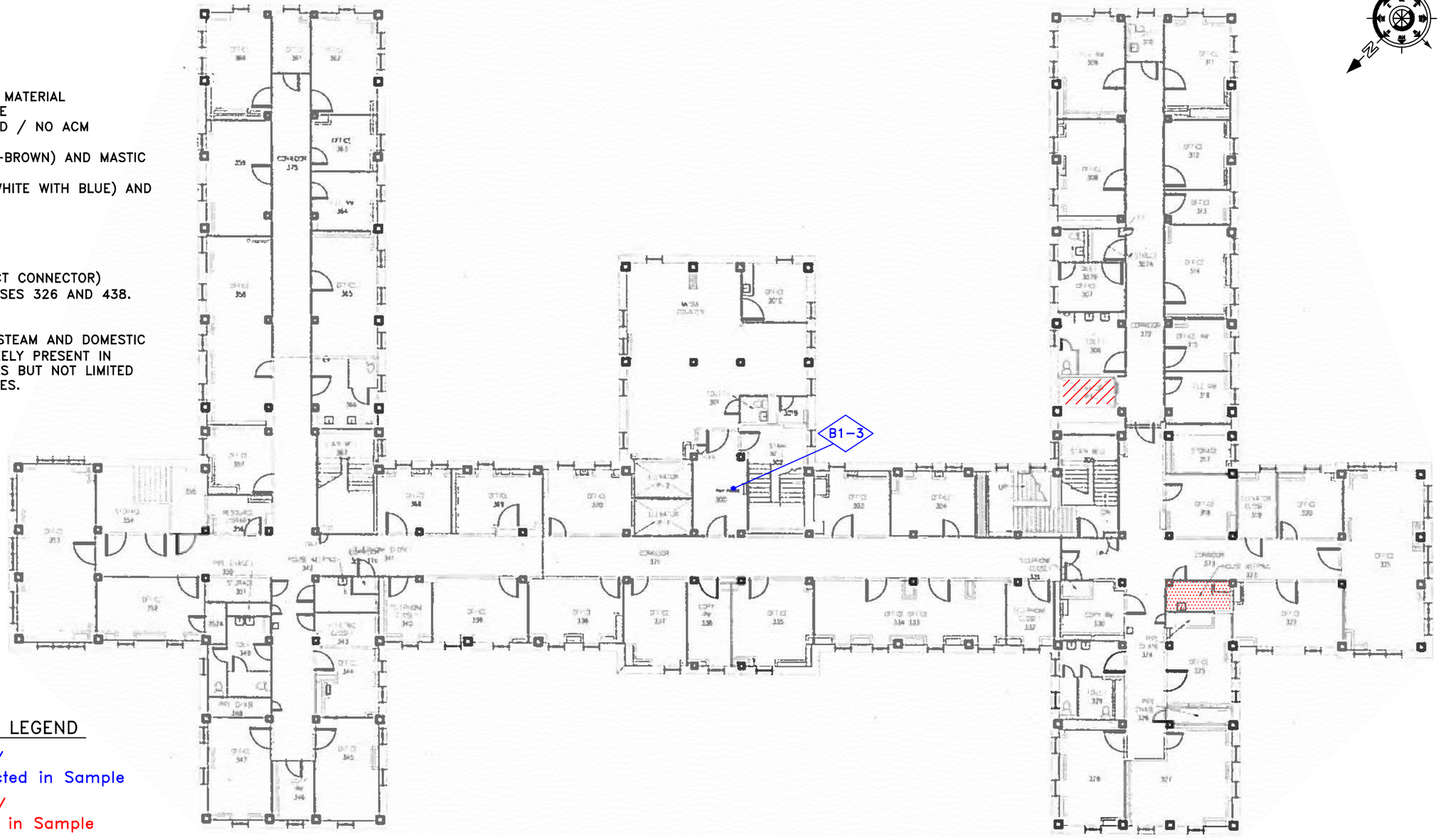
HA02 – 12" VCT (MULTI–BROWN) AND MASTIC

HA16 – 12" VCT (OFF–WHITE WITH BLUE) AND MASTIC)

ASBESTOS NOTES:

1. HA 22 (ACM FLEXIBLE DUCT CONNECTOR) PRESENT IN ROOMS/PIPE CHASES 326 AND 438. TWO PER CHASE.

2. HA 36 AND HA 37 (ACM STEAM AND DOMESTIC WATER PIPE INSULATIONS) LIKELY PRESENT IN INACCESSIBLE AREAS, SUCH AS BUT NOT LIMITED TO, WALL AND CEILING CAVITIES.



SAMPLE LOCATION LEGEND

B1–1 Sample Locations/ No Asbestos Detected in Sample

B1–1 Sample Locations/ Asbestos Detected in Sample

NOT TO SCALE

BUILDING 1 – THIRD FLOOR

SHEET 4: BUILDING 1 – THIRD FLOOR

Safety Environmental Laboratories and Consulting, Inc.
989 Yeager Parkway
Pelham, AL 35124
(205) 823–6200 fax (205) 823–9066

PROJECT

3–YEAR ASBESTOS RE–INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014–1108

BUILDING 1
THIRD FLOOR
SHEET 4 OF 6

ACM LEGEND:

ACM = ASBESTOS CONTAINING MATERIAL
VCT = VINYL COMPOSITION TILE
NAD = NO ASBESTOS DETECTED / NO ACM

HA20 – 9" VCT (WHITE WITH BLACK SPECKS) AND MASTIC, BELOW CARPET.

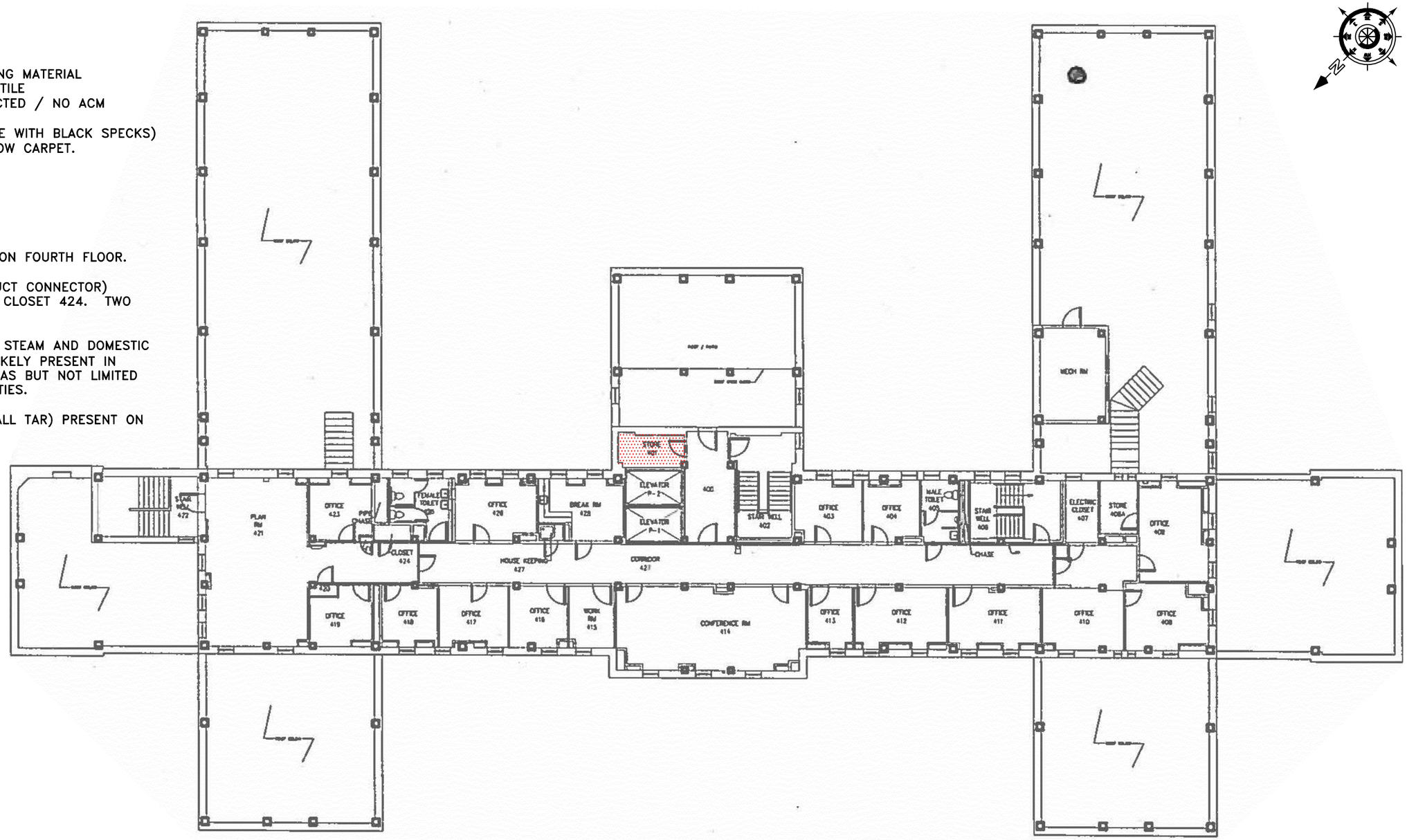
ASBESTOS NOTES:

1. NO SAMPLES COLLECTED ON FOURTH FLOOR.

2. HA 22 (ACM FLEXIBLE DUCT CONNECTOR) PRESENT IN PIPE CHASE OF CLOSET 424. TWO PER CHASE.

3. HA 36 AND HA 37 (ACM STEAM AND DOMESTIC WATER PIPE INSULATIONS) LIKELY PRESENT IN INACCESSIBLE AREAS, SUCH AS BUT NOT LIMITED TO, WALL AND CEILING CAVITIES.

4. HA 46 (ACM PARAPET WALL TAR) PRESENT ON FLAT ROOFS.



BUILDING 1 – FOURTH FLOOR

NOT TO SCALE

SHEET 5: BUILDING 1 – FOURTH FLOOR	Safety Environmental Laboratories and Consulting, Inc. 989 Yeager Parkway Pelham, AL 35124 SELC (205) 823-6200 fax (205) 823-9066	PROJECT 3-YEAR ASBESTOS RE-INSPECTION VAMC TUSCALOOSA 3701 LOOP ROAD TUSCALOOSA, ALABAMA 35404 SELC PROJECT NO.: 2014-1108	BUILDING 1 FOURTH FLOOR SHEET 5 OF 6

ASBESTOS NOTES:

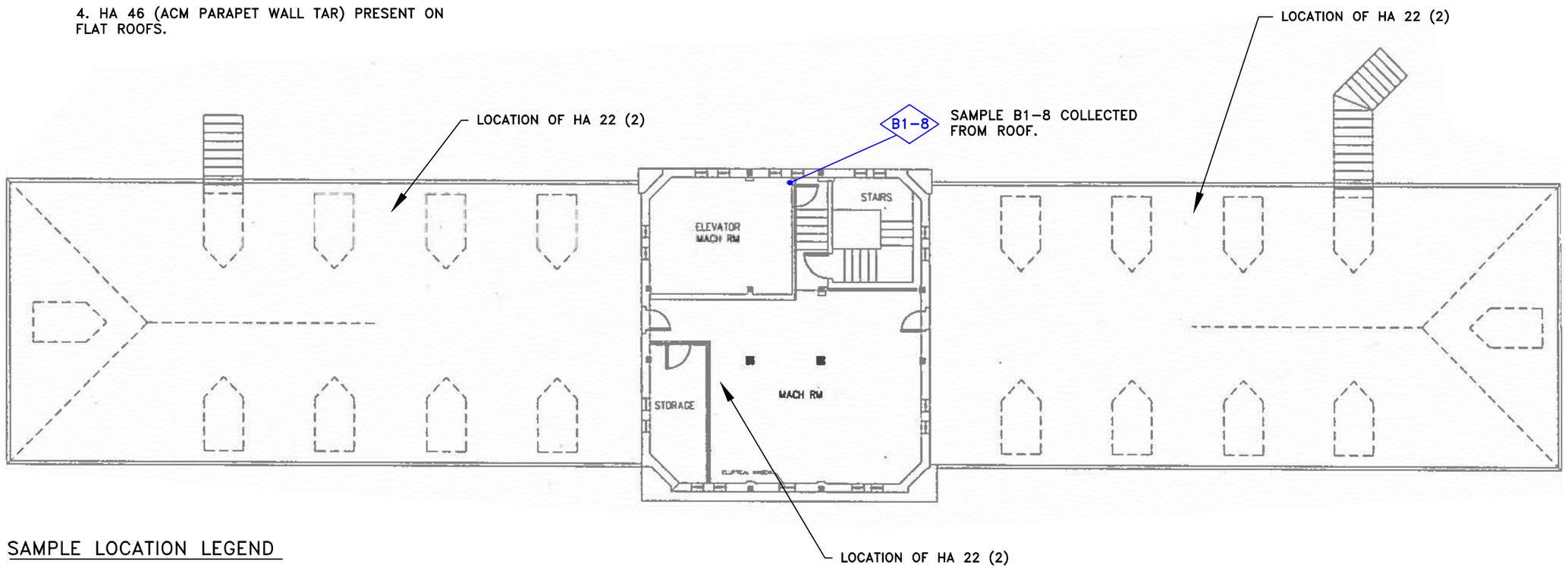
ACM = ASBESTOS CONTAINING MATERIAL

1. NO SAMPLES COLLECTED IN ATTIC FLOOR.

2. HA 22 (ACM FLEXIBLE DUCT CONNECTOR) PRESENT IN ATTIC.

3. HA 36 AND HA 37 (ACM STEAM AND DOMESTIC WATER PIPE INSULATIONS) LIKELY PRESENT IN INACCESSIBLE AREAS, SUCH AS BUT NOT LIMITED TO, WALL CAVITIES.

4. HA 46 (ACM PARAPET WALL TAR) PRESENT ON FLAT ROOFS.



SAMPLE LOCATION LEGEND

B1-1 Sample Locations/ No Asbestos Detected in Sample

B1-1 Sample Locations/ Asbestos Detected in Sample

NOT TO SCALE

BUILDING 1 – FIFTH FLOOR/ATTIC

SHEET 6: BUILDING 1 – FIFTH FLOOR/ATTIC

Safety Environmental Laboratories and Consulting, Inc.

SELC

989 Yeager Parkway
Pelham, AL 35124

(205) 823-6200 fax (205) 823-9066

PROJECT

3-YEAR ASBESTOS RE-INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1108

BUILDING 1
FIFTH FLOOR/ ATTIC

SHEET 6 OF 6

APPENDIX A-4
PLM Laboratory Reports

Safety Environmental Laboratories and Consulting, Inc.

Asbestos Bulk Sample Analysis Report

989 Yeager Pkwy.
Pelham, AL 35124

Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

Customer: **Safety Environmental Laboratories and Consulting, Inc.**
989 Yeager Parkway
Pelham, AL 35124

Telephone: **205-823-6200** Fax: **205-823-9066**

Sample Receipt Date: 08/04/2014
Sample Analysis Date: 08/07/2014
Sample Report Date: 08/07/2014

Project Name: **VAMC Tuscaloosa**
Project Location: **Building 1**

SELC Project #: **2014-1108**

Asbestos Identification in Bulk Materials by Polarized Light Microscopy

EPA/600/R-93/116 July 1993 – Method for the Determination of Asbestos in Bulk Building Materials

Note: See Attached Notes and Descriptions Sheet for Applicable Abbreviations and Notes

Customer Sample No.	Lab Sample No.	Sub-sample No.	Layer No.	Sample Location / Description	Homo-geneous (yes/no)	Asbestos % and Type	% Non-Asbestos Fibers	% Non-Fibrous Material
B1-1	1	N/A		Floor Tile and Mastic – Room 109E				
			1	Mastic(s) – Green/Yellow, Soft **Unable to separate individual layers**	N	None Detected	2% Synthetic Fibers	98%
			2	Floor Tile – White, Organically Bound	Y	2% Chrysotile	None Detected	98%
			3	Mastic – Black, Bituminous	Y	5% Chrysotile	None Detected	95%
B1-2	2	N/A	1	Adhesive/Glue Dot – 1st Floor Hall Adhesive – Brown, Brittle	N	5% Chrysotile	20% Cellulose Fibers	75%
B1-3	3	N/A	1	Adhesive/Glue Dot – 3rd Floor Elevator Lobby Adhesive – Brown, Brittle	N	None Detected	20% Cellulose Fibers	80%
B1-4	4	N/A		Floor Tile and Mastic – Room 126				
			1	Mastic – Yellow, Soft	Y	None Detected	None Detected	100%
			2	Floor Tile – White, Organically Bound	Y	2% Chrysotile	None Detected	98%
			3	Mastic – Black, Bituminous	Y	5% Chrysotile	None Detected	95%
B1-5	5	N/A		Floor Tile and Mastic – Room 111G				
			1	Floor Tile – Off White, Organically Bound	Y	2% Chrysotile	None Detected	98%
			2	Mastic/Leveling Compound – Yellow/White, Brittle/Granular **Unable to separate individual layers**	N	None Detected	None Detected	100%

Analyst
Kris Parker – Asbestos Analyst

Technical Review
Brian Ray – Asbestos Analyst

Analyst/Quality Review
Carol Findlay – Microscopy Manager

Safety Environmental Laboratories and Consulting, Inc.

Asbestos Bulk Sample Analysis Report

989 Yeager Pkwy.
Pelham, AL 35124

Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

Customer: **Safety Environmental Laboratories and Consulting, Inc.**
989 Yeager Parkway
Pelham, AL 35124

Telephone: **205-823-6200** Fax: **205-823-9066**

Sample Receipt Date: 08/04/2014
Sample Analysis Date: 08/07/2014
Sample Report Date: 08/07/2014

Project Name: **VAMC Tuscaloosa**
Project Location: **Building 1**

SELC Project #: **2014-1108**

Asbestos Identification in Bulk Materials by Polarized Light Microscopy

EPA/600/R-93/116 July 1993 – Method for the Determination of Asbestos in Bulk Building Materials

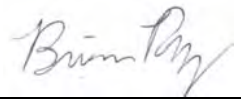
Note: See Attached Notes and Descriptions Sheet for Applicable Abbreviations and Notes

Customer Sample No.	Lab Sample No.	Sub-sample No.	Layer No.	Sample Location / Description	Homo-geneous (yes/no)	Asbestos % and Type	% Non-Asbestos Fibers	% Non-Fibrous Material
B1-6	6	N/A		Floor Tile and Mastic – Room 37A				
			1	Floor Tile – Cream, Organically Bound	Y	2% Chrysotile	None Detected	98%
			2	Mastic – Black, Bituminous	Y	3% Chrysotile	None Detected	97%
B1-7	7	N/A	1	Spray-Applied Fireproofing – Room 260 Fireproofing – White, Fibrous	N	None Detected	80% Mineral Wool	20%
B1-8	32	N/A	1	Penthouse Roof Panel Transite/Fibrous Material – Gray/White, Fibrous	N	None Detected	25% Cellulose Fibers	75%

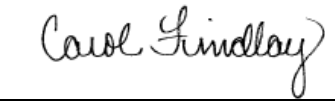
☒ This report is **FINAL** ☐ This report is **PRELIMINARY** – pending final QC



Analyst
Kris Parker – Asbestos Analyst



Technical Review
Brian Ray – Asbestos Analyst



Analyst/Quality Review
Carol Findlay – Microscopy Manager

989 Yeager Pkwy.
Pelham, AL 35124

Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

PLM Notes and Descriptions

1. Upper detection limit: 100%. Lower detection limit: <1%.
2. Bulk Samples will be stored for 3 months and will then be disposed of in an approved EPA landfill.
3. Analysis of floor tile or any other resinously bound materials by polarized light microscopy (PLM) using EPA Method 600/R-93/116 dated July 1993 may yield false-negative results because of method limitations in separating closely bound fibers from matrix material and in detecting fibers of small length and/or diameter. When analysis of such materials by the EPA PLM Method yields negative results for the presence of asbestos we recommend utilizing alternative methods of identification such as Gravimetry, XRD or AEM.
4. Samples are not homogenized by SELC prior to analysis. Distinct material layers within a sample are analyzed and reported separately by SELC. When multiple products are submitted by the customer under one sample number, SELC indicates those distinct products as sub-samples. SELC retains all samples numbers but will designate a sample number to those that are not given a sample number by the customer.
5. Percentages given are based on a visual estimated calibration.
6. Safety Environmental Laboratories and Consulting, Inc. is a NVLAP accredited laboratory, Lab Code: 200873-0 (ISO/IEC Standard 17025:2005 Compliant).
7. Results relate only to the samples tested. All tests were performed under the scope of SELC's NVLAP accreditation, unless indicated otherwise.
8. All samples were received in a condition suitable for analysis ("Good"), unless otherwise noted.
9. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.
10. Analytical Instrument: Olympus Polarized Light Microscope Series BH-2 Model BHT-002

Analyst
Kris Parker – Asbestos Analyst

Technical Review
Brian Ray – Asbestos Analyst

Analyst/Quality Review
Carol Findlay – Microscopy Manager

Safety Environmental Laboratories and Consulting, Inc.

989 Yeager Pkwy. Phone: (205) 823-6200
Pelham, AL 35124 Fax: (205) 823-9066

Environmental, Health, and Safety Solutions

SELC

Chain of Custody Form

Customer: Safety Environmental Labs and Consulting, Inc.
Address: 989 Yeager Parkway
Pelham, AL 35126
Phone: 205-823-6200 Fax: 205-823-9066
E-mail:

Project Number: 2014-1108
Project Name: VAMC Tuscaloosa
Project Location: Building 1
PO Number:
SELC Proj. #:

Sample Type
- ☐ Air
- ☒ Bulk
- ☐ Paint
- ☐ Soil
- ☐ Waste
- ☐ Other:

Asbestos Analysis
- ☐ Asbestos Air - PCM
- ☐ Asbestos Air - TEM
- ☒ PLM (EPA 600/R-93/116)
- ☐ PLM (EPA Point Count)
- ☐ Other:

Metals Analysis
- ☐ Total Conc. - Lead
- ☐ Total Conc. - RCRA 8-Metals
- ☐ TCLP - Lead
- ☐ TCLP - RCRA 8-Metals
- ☐ TCLP - Full (w/ organics)
- ☐ Other:

Turn-Around Time*
- ☐ Rush/Same Day†
- ☐ 24 Hours
- ☐ 48 Hours
- ☒ 3 Business Days
- ☐ 4 Business Days
- ☐ Other:

- Field blanks should be submitted with all samples -

** Some TAT not available for all tests. Must schedule rush organics, multi-metals, and weekend tests in advance.*
† Same day not available after 2:00 PM

Sample #	Date Sampled	Sample Description (e.g. Employee Name, SSN, Bldg, Material)	Area Wiped (ft²)	Type ‡ A/B/P/E	Time of Sampling Start	Time of Sampling Stop	Flow Rate (L/min) Start	Flow Rate (L/min) Stop	Total Vol. (L)	SELC USE ONLY #	SELC USE ONLY Cond
B1-1	7/22/14	Floor Tile+Mastic - Room 109	E							1	G
B1-2		Adhesive / Glue Dot - 1st Floor Hall								2	
B1-3		Adhesive / Glue Dot - 3rd FL Elevator Lobby								3	
B1-4		Floor Tile+Mastic - Room 126								4	
B1-5		Floor Tile+Mastic - Room 111	G							5	
B1-6		Floor Tile+Mastic - Room 37	A							6	
B1-7		Spray-applied fireproofing - Room 260								7	
B1-8		Penthouse roof panel								32	G

‡ A - Area, B - Blank, P - Personal, E - Excursion

Sampled By:
Signature
Elizabeth Hyde

Relinquished by: / **Received By:**

Signature	Date	Time	Signature	Date	Time
Elizabeth Hyde	8/4/14	12:45pm	Betty Lindsey	8/4/14	1:10 pm

APPENDIX A-5
Photographic Documentation

Photographic Documentation – 3 Year Asbestos Re-inspection – Building 1



PHOTOGRAPH 1
HA 02 – ACM 12” VCT (mulit-brown) and mastic. Photograph taken in Room 41S.



PHOTOGRAPH 3
HA 05 – ACM 12” VCT (off-white with brown streaks) and black mastic. Photograph taken in Room 41R.



PHOTOGRAPH 2
Area of HA 04 (ACM 9” VCT and mastic) in Room 47. Most tile in Room 47 is newer VCT.



PHOTOGRAPH 4
HA 09 – ACM 9” VCT (Light brown) and mastic. Photograph taken in Room 127.

Photographic Documentation – 3 Year Asbestos Re-inspection – Building 1



PHOTOGRAPH 5
HA 15 – ACM Vinyl sheet flooring. Photograph taken in Room 235A.



PHOTOGRAPH 7
HA 02 present over HA 20 in 270A (entryway to offices 234, 235, and 236).



PHOTOGRAPH 6
HA 20 – ACM 9” VCT and mastic. Photograph taken in Room 235 closet. HA 20 also below carpet in Room 235.



PHOTOGRAPH 8
HA 51/52 – 12” VCT (off-white with tank specks) and mastic. Photograph taken in second floor corridor.

Photographic Documentation – 3 Year Asbestos Re-inspection – Building 1



PHOTOGRAPH 9
HA 51/52 present in Room 238.



PHOTOGRAPH 11
HA 22 – flexible duct connector in Pipe Chase 256A. Typical of HA 22 observed in other noted locations in Building 1



PHOTOGRAPH 10
Area of HA 12 (9" ACM VCT and mastic) present in Room 111.



PHOTOGRAPH 12
HA 36 (cloth wrapped ACM insulation) on two apparently abandoned steam pipes above ceiling tile in Room 235. Poor condition.

Photographic Documentation – 3 Year Asbestos Re-inspection – Building 1



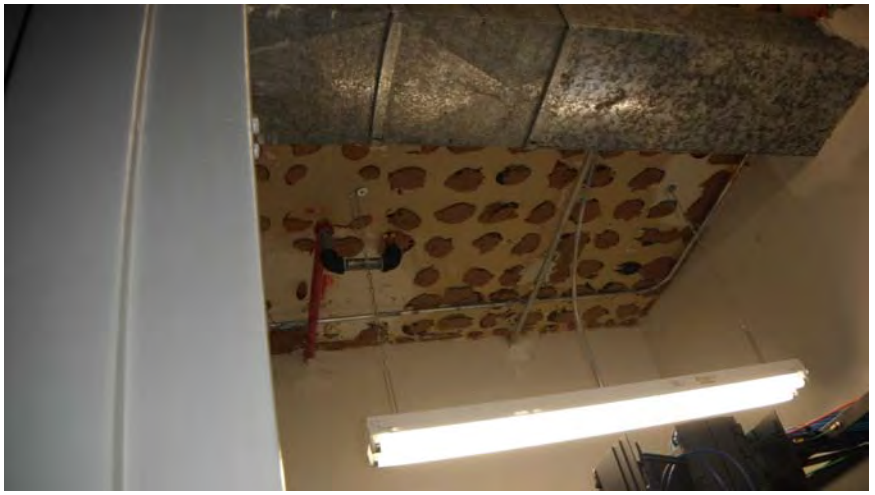
PHOTOGRAPH 13
HA 36 (cloth wrapped ACM insulation) on two apparently abandoned steam pipes above ceiling tile in Room 235. Poor condition.



PHOTOGRAPH 15
HA 46 – ACM Parapet wall tar.

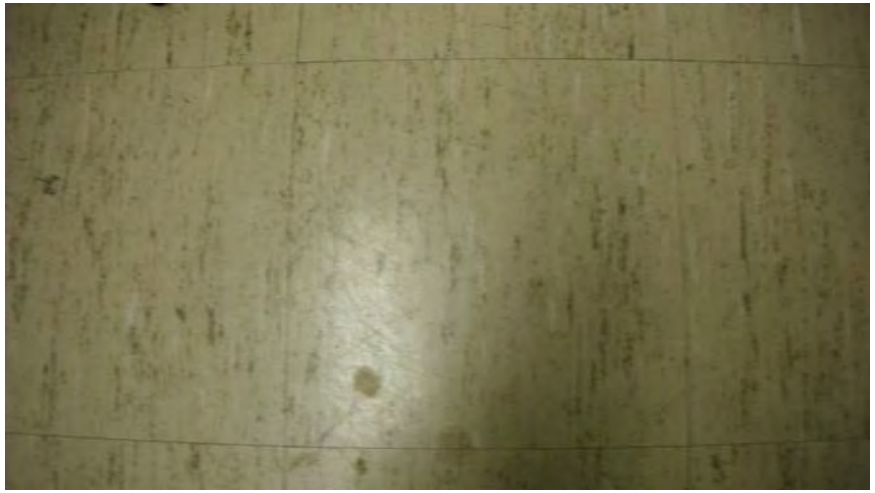


PHOTOGRAPH 14
HA 37 (cloth wrapped ACM cardboard-like insulation) on pipe (one) above ceiling tile in Room 207. Poor condition.



PHOTOGRAPH 16
HA 56 observed on plaster ceilings in first floor. Photograph taken in Room 1A.

Photographic Documentation – 3 Year Asbestos Re-inspection – Building 1



PHOTOGRAPH 17
HA 57 – ACM 12” VCT. Mastic is not ACM.
Present in Room 111G.

NO PHOTOGRAPH



PHOTOGRAPH 18
HA 58 – Non-ACM Panels on mechanical penthouse roof.

NO PHOTOGRAPH

APPENDIX A-6
Estimated Asbestos Abatement Costs

BUILDING 1 ESTIMATED ASBESTOS ABATEMENT COSTS				
HA NUMBER(S)	**TYPE OF ACM**	**FRIABLE/ NON-FRIABLE**	**APPROXIMATE QUANTITY**	**ESTIMATED ABATEMENT COST**
02, 04, 05, 09, 12, 16, 20, 51/52, 55, 57	Vinyl composition floor tile and mastic	Non-Friable	15,970 square feet	$79,850
15	Vinyl surfaced sheet flooring	Non-Friable	420 square feet	$2,100
22	Flexible duct connectors	Friable	~ 14 observed	$1,400
36 (see Note 5)	Steam system pipe insulation	Friable	~ 2 pipes (20 linear feet) observed in Room 235	$1,000
37 (see Note 5)	Domestic water system pipe insulation	Friable	~ 5 linear feet, Room 207	$500
46	Roofing tar	Non-Friable	350	$1,750
56	Adhesive/glue dots on plaster ceilings	Non-Friable	Present on ~ 15,000 square feet	$75,000

Notes:

1. HA = Homogeneous area
2. ACM = Asbestos containing material
3. NP = Not provided
4. Costs provided are general estimates for information purposes only. A complete and specific cost estimate should be obtained from Alabama accredited asbestos abatement contractors prior to any abatement project.
5. Quantity and cost estimates are provided only for observable ACM/homogeneous area. Cost estimates are not provided for inaccessible portions/quantities of a homogeneous group.

APPENDIX A-7
Additional VAMC Supplied Notes/Information

Shanay Lewis 08/16/11

Hazardous Waste Abatements

Asbestos Floor Tile Removal

- Building 1- Rooms 307, 307A, 308, 312, 313 & 314
- Building 2, 1st Floor- Rooms 101, 102, 105, 105A, 106, 106A, 107, 108, 109, 109B, Corridor 113, 113A, 113B, 113D, 113E, 113G, 113H, 114, 117, 119A, 119B, 119C, 119D, 120, 122, Corridor 125, Corridor 178 & Corridor 179
- Building 2, 2nd Floor- Corridor 200, Rooms 201, 202, Corridor 204, 205, 205A, 205B, 207, 207A, 212E, 213, 214, 217, 218, Corridor 219, 219A, 219B, 219C, 219D, 220, 222 & Corridor 224
- Building 5, Basement- Corridor 8, Rooms 8A, 8B, 8C & 8D
- Building 5, 1st Floor- Rooms 100, 101, 101A, 106, 107, 108, 109, 110A, 111, 112, 114, 114A, 115, 116, 117, 118, 119, 120, 121, 122, 125, 126, 127, 128, Elevator Lobby 129, Lobby 135, Corridor 140, Corridor 145 & Corridor 150
- Building 5, 2nd Floor- Rooms 200, 201, 202, 202A, 203, 205, 205A, 206, 206A, 207, 207A, 208, 208A, 209, 210, 211, 213, 213A, 214, 215, 216, 217, 218, 219, 221, 221A, 222A, 222, 223, Elevator Lobby 224, 224A & Corridor 235

Lead Based Paint Removal & Encasement

- Building 40, Basement LBP Removal (Door Frames & Hardware Only)
  - Rooms 1, 1A (Telephone Closet), 2 (Large Toddler Room near Elevator), 7, 8, 9, 9A, 9B, 9C, 9D, 10, Stairwell Door, 12, 13, 14, 15, 16, 16A, 17, Door in between Corridor 18 & Corridor 20
- Building 40, Basement Window Encasement
  - Rooms 1, 9, 12, 14, 14A, 14B, 14C, 14D, 16, 16A

encapsulated

Room 9 = 2 windows ✓
Room 9C = 3 windows (2)
Room 9D = 2 windows (2)
Room 9B = 1 window (2)
All ✓

* 8 total (All green) but .... are they really?

Attic flexible conducts

with ACM ✱

MV
03/25/14

Per La Mills

~~Bldg 2~~ - Rm 238 (NO ACM)

~~Bldg 3~~ - Attic (take stairs across from rm 213) (NO ACM)

~~Bldg 4~~ - Attic + ductwork replaced 1994 NO ACM

Bldg 5 2nd fl

mech rm 5 X2 + rm 205 A + rm 102 (A)

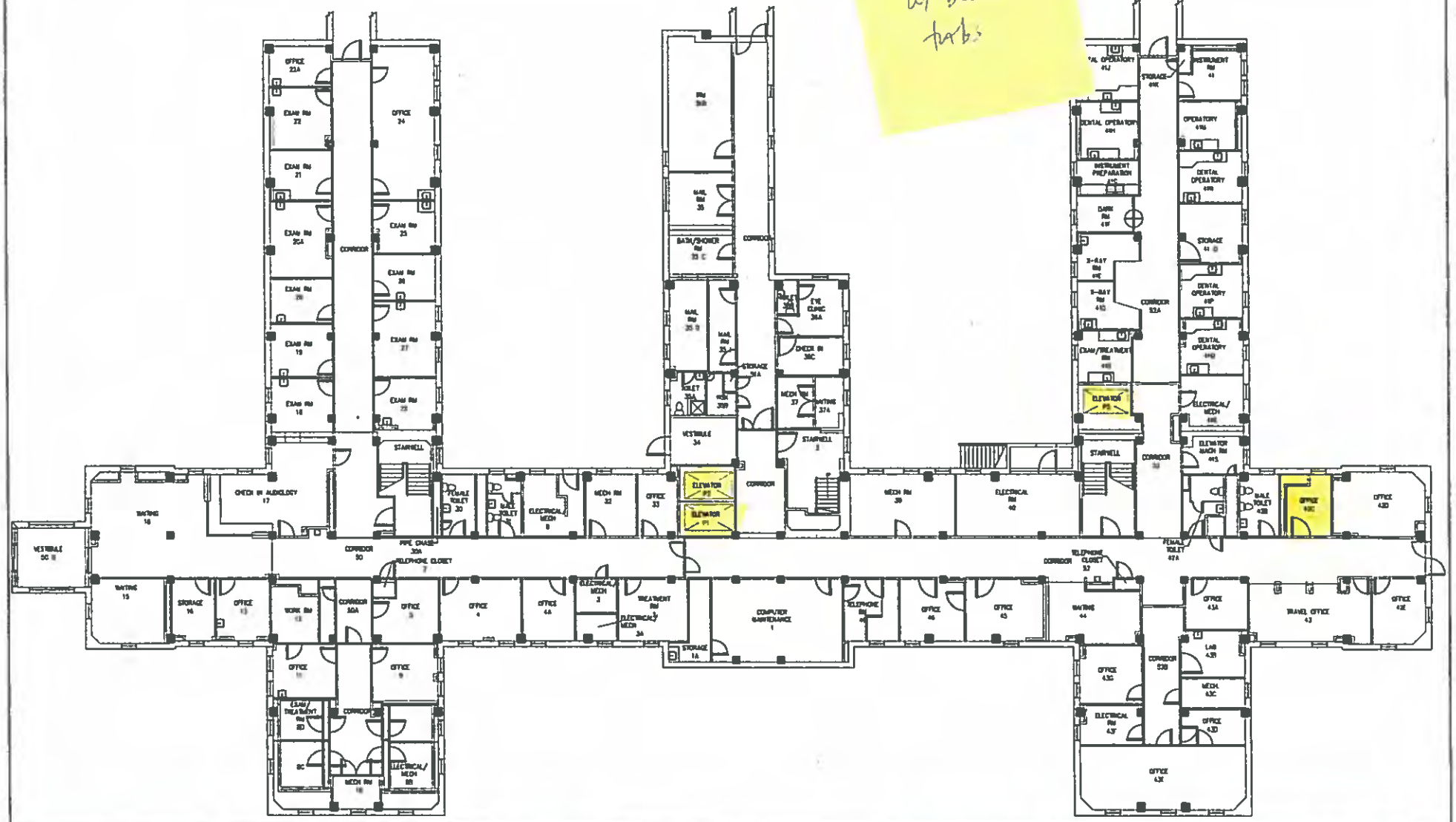
Bldg 1 Above ceily / corridor in

- Near ~~rm~~ Rm 120F (ACM?)
- cont rm 235 above ceily (ACM?)

B-46 Chapel - duct flex "Canvas Connector"

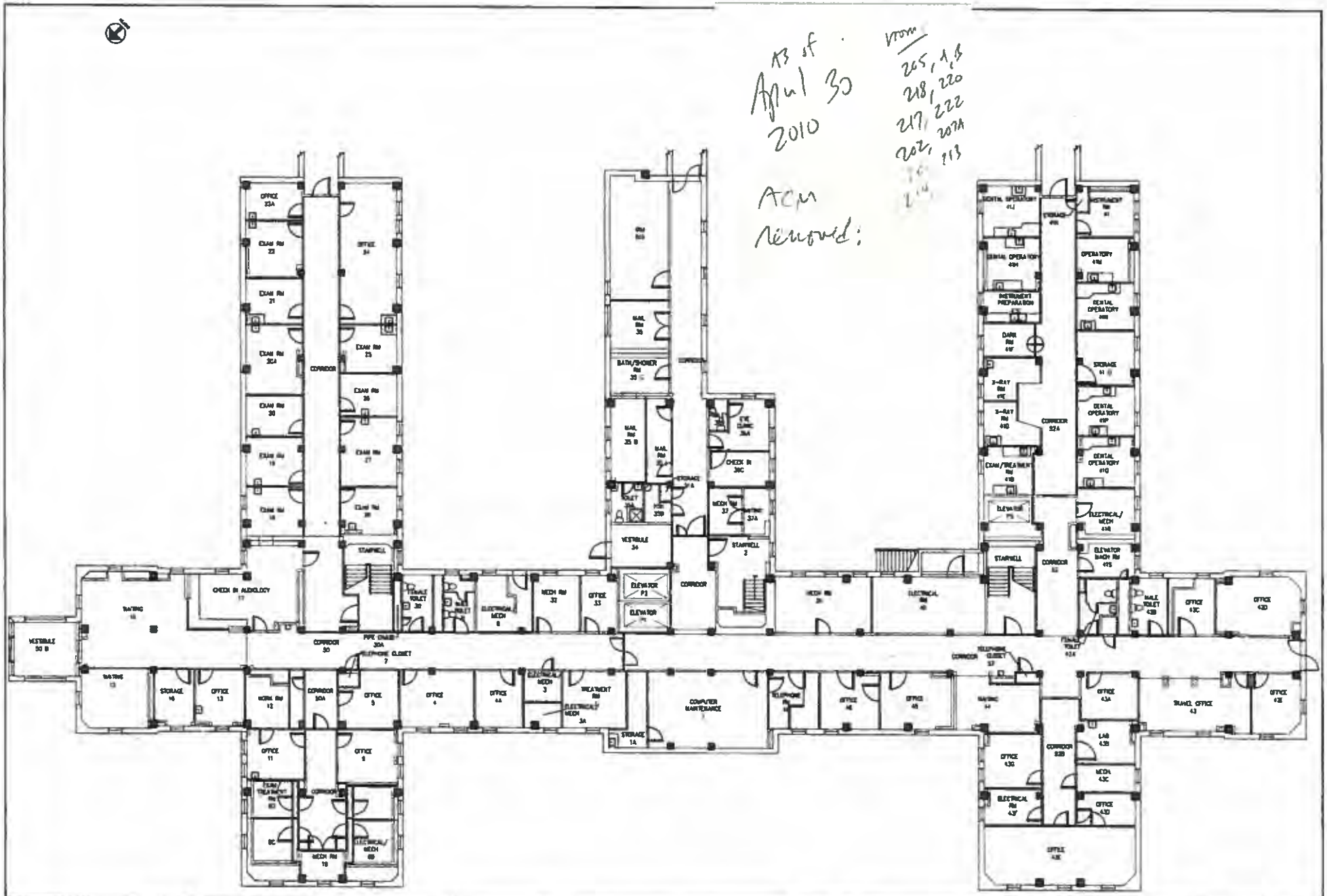
B-40 1st fl + 2nd floor / canvas vs ACM

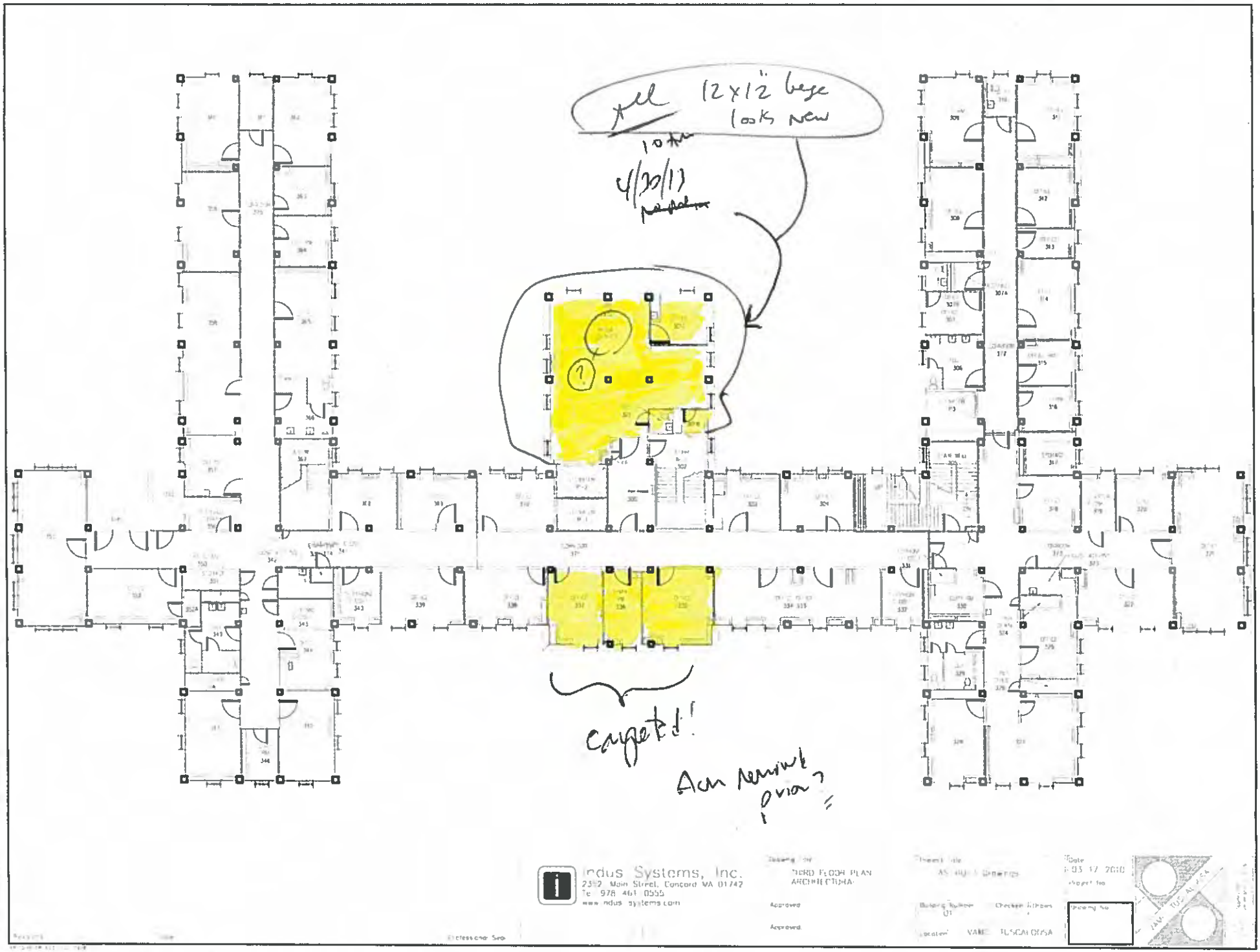
ACM 4V 3/25/14
areas marked w/ blue tabs



Revisions / Date		Professional Seal	Indus Systems, Inc. 2352, Main Street, Concord MA 01742 Tel: 978-461-0555 www.indus-systems.com	Drawing Title: GROUND FLOOR PLAN ARCHITECTURAL Approved: Approved:	Project Title: AS-BUILT Drawings Building Number: 01 Checked: Drawn: Location: VAMC TUSCALOOSA	Date: 03-17-2010 Project No. Drawing No.

VAMC, TUSCALOOSA — VA Department of Veterans Affairs


AS of April 30 2010
ACM removed:
from
205, 1,3
218, 220
217, 222
202, 207A
202, 213
B-1 ground floor
Indus Systems, Inc.
2352, Main Street, Concord MA 01742
Tel: 978-461-0555
www.indus-systems.com
GROUND FLOOR PLAN
ARCHITECTURAL
AS-BUILT Drawings
03-17-2010
VAMC TUSCALOOSA
Professional Seal



Indus Systems, Inc.
2352 Main Street, Concord MA 01742
Tel 978 461 0555
www.indus-systems.com

THIRD FLOOR PLAN
ARCHITECTURAL

AS NOTED

Date
5 03 17 2010

Approved

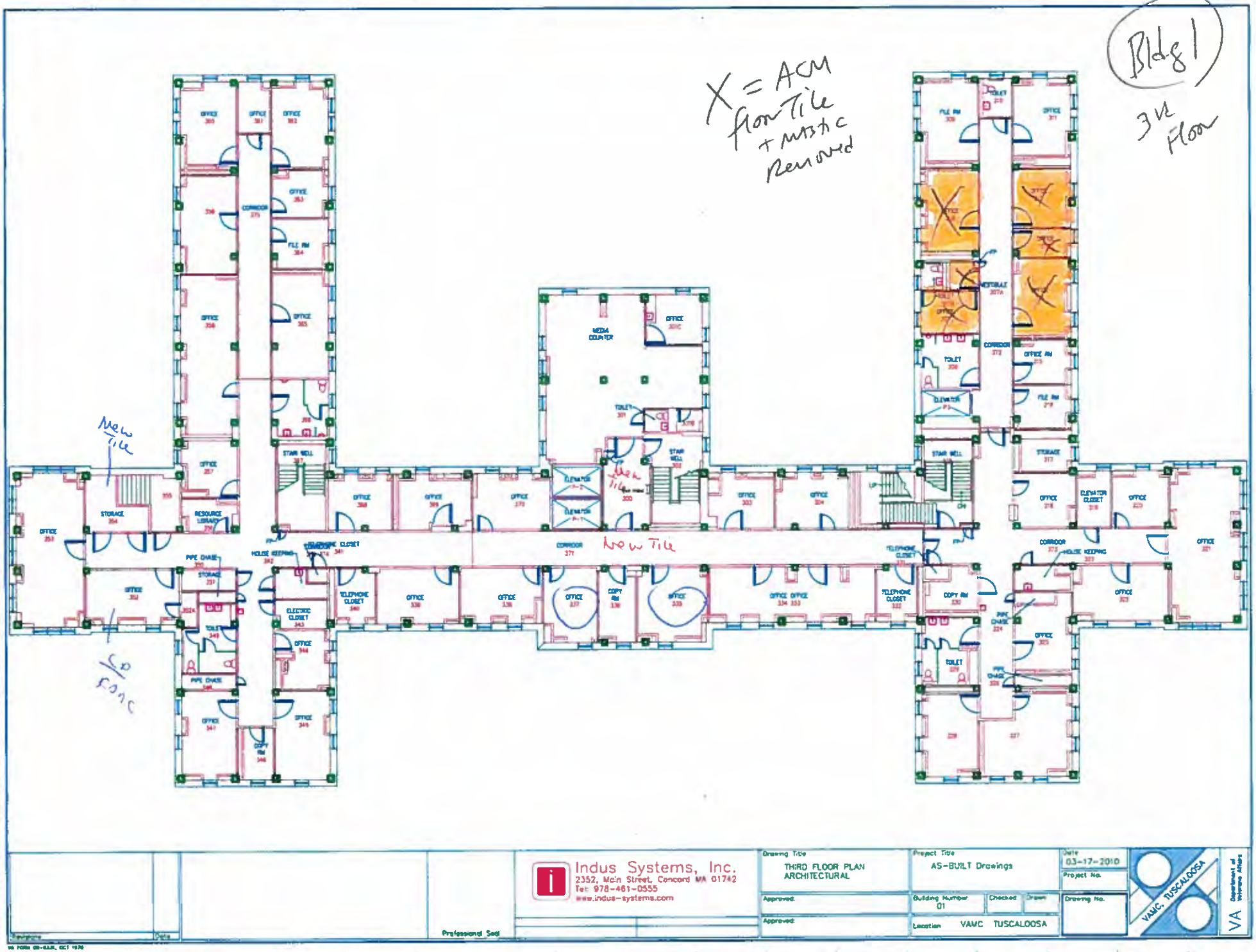
Approved

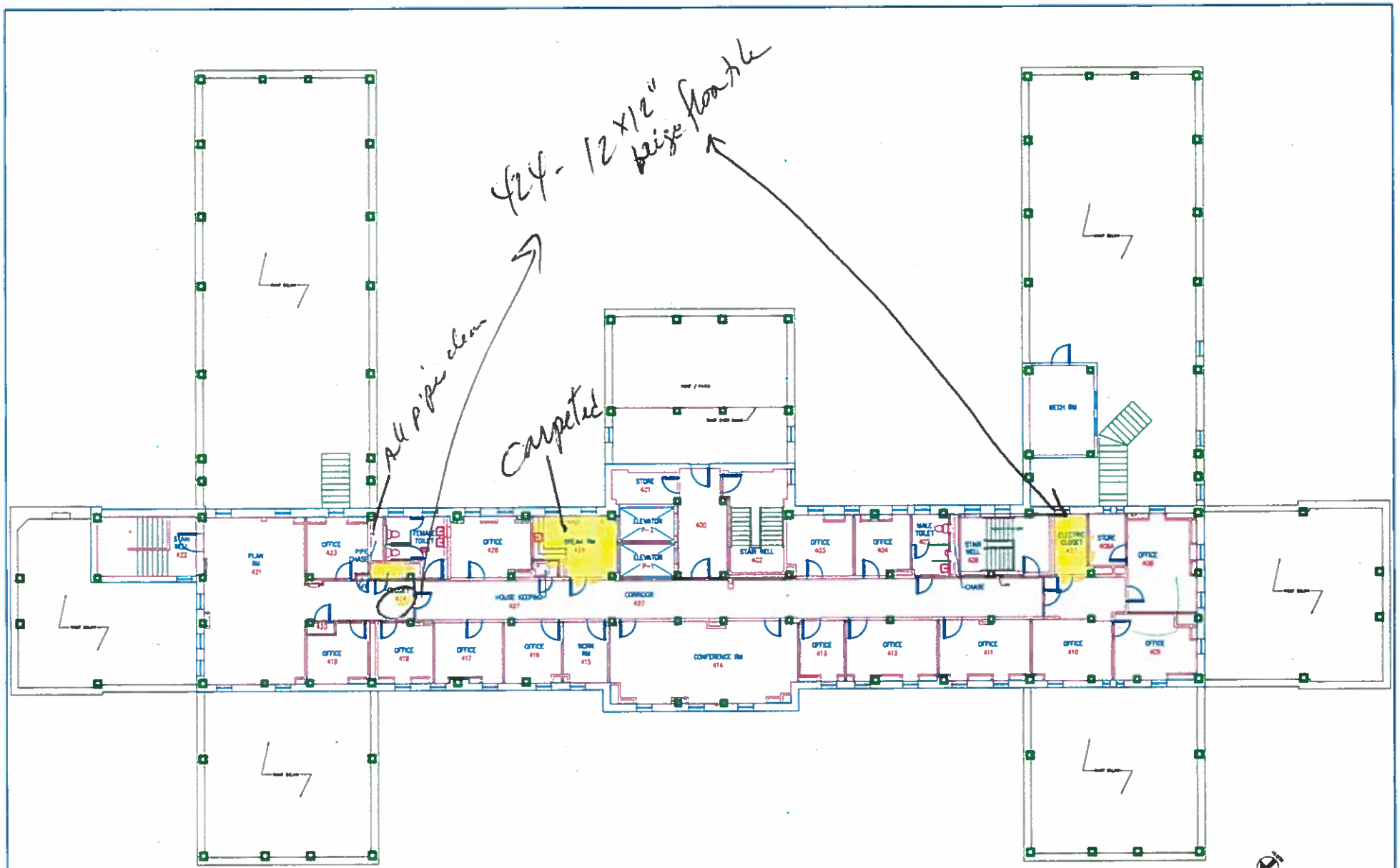
Building Number
01

Checked Drawn

Location VAMC TUSCALOOSA

Drawing No


X = ACM
floor Tile
+ Mastic
Removed
Bldg 1
3rd Floor
New Tile
New Tile
New Tile
Indus Systems, Inc.
2352, Main Street, Concord MA 01742
Tel: 978-461-0555
www.indus-systems.com
Drawing Title
THIRD FLOOR PLAN
ARCHITECTURAL
Project Title
AS-BUILT Drawings
Date
03-17-2010
Project No.
Approved:
Approved:
Building Number
01
Checked
Drawn
Drawing No.
Location
VAMC TUSCALOOSA
Professional Seal
VAMC, TUSCALOOSA
VA
Department of Veterans Affairs



Indus Systems, Inc.
2352, Main Street, Concord MA 01742
Tel: 978-481-0555
www.indus-systems.com

Professional Seal

Drawing Title	FOURTH FLOOR PLAN ARCHITECTURAL
Project Title	AS-BUILT Drawings
Date	03-17-2010
Project No.	
Approved:	
Approved:	
Building Number	01
Checked	
Drawn	
Drawing No.	
Location	VAMC TUSCALOOSA

VAMC TUSCALOOSA
VA
Department of Veterans Affairs

APPENDIX B

BUILDING 2
MENTAL HEALTH BUILDING / OFFICES



INCLUDED IN APPENDIX B:

B-1 – Annual Asbestos Re-inspection Documentation

B-2 – Homogeneous Area / Sample Summary Table

B-3 – Sample/ACM Location Plans

B-4 – PLM Laboratory Reports

B-5 – Photographic Documentation

B-6 – Estimated Asbestos Abatement Costs

B-7 – Additional VAMC Supplied Notes/Information

APPENDIX B-1
Annual Asbestos Re-inspection Documentation

BUILDING 2 HOMOGENEOUS AREA LIST

HA 01 = UNKNOWN - PRESUMABLY NAD
HA 02 = 12" X 12" FLOOR TILE (GREY) - REMOVED
HA 03 = 9" X 9" FLOOR TILE (AQUA) - REMOVED
HA 04 = UNKNOWN - PRESUMABLY NAD
HA 05 = 9" X 9" FLOOR TILE (WHITE WITH BLACK) - REMOVED
HA 06 = 9" X 9" FLOOR TILE (BLACK)
HA 07 = 9" X 9" FLOOR TILE (BLACK AND WHITE ALTERNATING) - REMOVED
HA 08 = 12" X 12" FLOOR TILE (LIGHT BROWN) - REMOVED
HA 09 = 12" X 12" FLOOR TILE (GREEN WITH DARK GREEN) - REMOVED
HA 10 = 12" X 12" FLOOR TILE (OFF-WHITE WITH GREEN) - REMOVED
HA 11 = UNKNOWN - PRESUMABLY NAD
HA 12 = 12" X 12" FLOOR TILE (BROWN WITH DARK BROWN)
HA 13 = 12" X 12" FLOOR TILE (OFF-WHITE WITH BROWN)
HA 14 THRU 19 = UNKNOWN - PRESUMABLY NAD
HA 20 = PIPE INSULATION (AIRCELL)
HA 21 THRU 22 = UNKNOWN - PRESUMABLY NAD
HA 23 = PIPE INSULATION (CARD-BOARD LIKE)
HA 24 = PIPE INSULATION (MAGNESIA LIKE)
HA 25 = FLEXIBLE DUCT CONNECTORS
HA 26 = ROOFING TAR (ROOF) - REMOVED
HA 27 = DOWNSPOUT TAR - REMOVED
HA 28 = ACM DEBRIS (CONTAMINATED SOIL / DEBRIS) – REMOVED
HA 29 = 12" X 12" VCT (OFF-WHITE WITH BROWN STREAKS) AND BROWN MASTIC – NAD

HA = HOMOGENEOUS AREA
HA = ASBESTOS CONTAINING MATERIAL
NAD = NO ASBESTOS DETECTED
HA (ITALICIZED) = IDENTIFIED BY SELC DURING 2014 RE-INSPECTION. OTHER HOMOGENEOUS AREAS IDENTIFIED DURING PREVIOUS RE-INSPECTIONS/INSPECTIONS BY OTHER CONSULTANTS.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 2 Homogeneous Area #: 02 Date: 7/22 & 23/14
Description: Floor tile, 12" x 12" (grey) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Replaced with Centiva flooring in CG3 and CG4. Replaced with carpeting in 219 offices.

2009 Inspection Note: No asbestos detected in 2008. Indicates removed from Rooms 219, 219A, 219B, 219C.

2002 Inspection Note: ACM/ACE with potential for damage. Rooms 219 and 219A (886 sf). Good condition. Indicates that HA 02 removed from CG3, CG4.

1991 Inspection Note: ACM/ACE with potential for damage. Rooms CG3, CG4 (330 sf), Room 219 (950 sf)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 2 Homogeneous Area #: 03 Date: 7/22 & 23/14
Description: Floor tile, 9" x 9" (aqua) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Replaced with Centiva flooring in CG2 and carpeting in credit union storage room.

2009 Inspection Note: No comment/information.

2002 Inspection Note: No comment/information.

1991 Inspection Note: ACM/ACE with potential for damage. Corridor CG2 (375 sf)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 2 Homogeneous Area #: 05 Date: 7/22 & 23/14
Description: Floor tile, 9" x 9" (white with black) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed from Rooms 7, 8 (now 7A-C), 13, 14, 15, 18, 19, 25, 26, 26B, 26C. Rooms now finished with Centiva flooring, carpet, or new vinyl sheet flooring.

2009 Inspection Note: No comment/information.

2002 Inspection Note: Indicates has been removed from Rooms 15, 25, 26, 26A, 26B, 26C. Indicates still present in rooms 18 and 19 (not 18A). No reference to Rooms 7, 8, 13, 14.

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 7, 8, 13-15, 18-19, 25-26, 26A, 26B, 26C (2,115 sf)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 2 Homogeneous Area #: 06 Date: 7/22 & 23/14
Description: Floor tile, 9" x 9" (black with white streaks) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
X ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Present in Room 20 (fair condition, ~ 180 ft^2) Concrete floor in Room 21.

2009 Inspection Note: ACM/ACE with potential for damage. Referred to as HA 25 in 2008 and 2009 reports. Fair condition.

2002 Inspection Note: Indicates has been removed from Room 21. Still present in Room 20.

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 20 and 21 (205 sf)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Maintain in place until impacted by renovations or repair.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 2 Homogeneous Area #: 07 Date: 7/22 & 23/14
Description: Floor tile, 9" x 9" (black and white alternating) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed from Rooms 1, 3, 3A, 4, 5, 6. New flooring (Centiva or carpeting) present in these rooms.

2009 Inspection Note: No comment/information.

2002 Inspection Note: Indicates HA 07 still present.

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 1, 3, 3A, 4, 5, 6 (1,060 sf)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 2 Homogeneous Area #: 08 Date: 7/22 & 23/14
Description: Floor tile, 12" x 12" (light brown) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: New gray, marbled tile in elevator P-3.

2009 Inspection Note: ACM or ACE with potential for damage. Elevator P3 (poor condition)

2002 Inspection Note: ACM/ACE with potential for damage. Elevator P3 (good condition)

1991 Inspection Note: ACM/ACE with potential for damage. Elevator P3 (61 sf)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 2 Homogeneous Area #: 09 Date: 7/22 & 23/14
Description: Floor tile, 12" x 12" (green with dark green) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed from Rooms 101-103, 105-109, 114, 117, 119-120, 125, 179.

2009 Inspection Note: No comment/information.

2002 Inspection Note: Indicates removed.

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 101-103, 105-109, 114, 117, 119-120, 125, 179 (6,355 sf)

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 2 Homogeneous Area #: 10 Date: 7/22 & 23/14
Description: Floor tile, 12" x 12" (white with green) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed from Room 113A, now Centiva flooring.

2009 Inspection Note: No comment/information.

2002 Inspection Note: Indicates has been removed from Room 113A.

1991 Inspection Note: ACM/ACE with potential for damage. Room 113A (485 sf)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 2 Homogeneous Area #: 12 Date: 7/22 & 23/14
Description: Floor tile, 12" x 12" (brown with dark brown) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Present in Room 203 (good condition, ~250 ft^2). Removed from 201, 202A, 205, 205A, 205B, 206, 207, 207A, 207B, 211, 212C, 213, 217, 218, 220, and 222. Removed from Rooms 113A, 113D, 113E. Removed from Room 9. Replaced with Centiva flooring, new 12" VCT, or new vinyl sheet flooring since 2009. Room 27 has ceramic tile.

2009 Inspection Note: ACM/ACE with potential for damage. 2008 - Indicated present in rooms 22, 23, 27, 113A, 113D, 113E, 201, 202A, 203, 205, 205A, 205B, 206, 207, 207A, 207B, 211, 212C, 213, 217, 218, 220, and 222 - Good condition. Rooms 9 and 202 - fair condition. 2009-Indicated present in Rooms 113A, 113D, 113E, 201, 202A, 203, 205, 205A, 205B, 206, 207, 207A, 211, 212C, 213, 217, 218, 220, 222 - Good condition. Room 27 - fair condition.

2002 Inspection Note: ACM/ACE with potential for damage. Present in rooms 201, 202, 202A, 203, 205, 206, 207A, 207B, 211, 213, 217, 218, 220, and 222. Good condition.

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 201-203, 203A, 203B, 205-206, 207A, 207B, 217-218, 220, 222 (1,300 sf)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Maintain in place until impacted by renovations or repair.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 2 Homogeneous Area #: 13 Date: 7/22 & 23/14
Description: Floor tile, 12" x 12" (off-white with brown) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Present (exposed) in Room 203B (good condition, ~ 90 ft^2), and below carpet in Room 212B (good condition, ~ 800 ft^2). Removed from Rooms 212, 214, 3, 4, 7, 8.

2009 Inspection Note: ACM/ACE with potential for damage. 2008 - Indicated present in Rooms 7, 8, and 214 - good condition. Room 212 has new floor tile. Room 212B - carpet. 2009 - Indicated present in rooms 3, 4, 7, 8, 214 - good condition. Room 212B has carpet over tile.

2002 Inspection Note: ACM/ACE with potential for damage. Present in rooms 212, 212B, 214. Good condition.

1991 Inspection Note: ACM/ACE with potential for damage. Room 214 (155 sf)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Maintain in place until impacted by renovations or repair.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 2 Homogeneous Area #: 20 Date: 7/22 & 23/14
Description: Pipe Insulation (aircell like) Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
__X__ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
(3)	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Per VAMC personnel, HA 20 removed as needed since early 1990s in accessible chases, basement, attic, and crawlspaces as needed. Newer kraft-faced, fiberglass, hard foam, or calcium silicate insulation observed by SELC in accessible chases on all floors, and/or generally above ceiling tiles. Likely still present in wall cavities (inaccessible).

2009 Inspection Note: N/A

2002 Inspection Note: Indicates was removed from crawlspace.

1991 Inspection Note: Damaged or significantly damaged TSI ACM/ACE. In pipe chases on ground floor and in pipe basement (45 lf)

Recommendation Response Action (circle applicable actions)

(*O&M*) (*Remove/Enclose/Encapsulate*) *Evacuate/Restrict*

Explain: Manage known or suspected HA 20 in place until such time as practical to remove. Remove or encapsulate as needed/encountered during renovation/repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 2 Homogeneous Area #: 23 Date: 7/22 & 23/14
Description: Pipe Insulation (cardboard-type) on plumbing piping Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
__X__ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
(3)	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Per VAMC personnel, HA 23 removed as needed since early 1990s in accessible chases, basement, attic, and crawlspaces as needed. Newer kraft-faced, fiberglass or foam insulation, or un-insulated metal piping observed by SELC in attic, accessible chases on all floors, and/or generally above ceiling tiles. Records indicate HA 23 abated in Rooms 4 and 112. Still likely present in wall cavities (inaccessible).

2009 Inspection Note: Indicates no asbestos. 2009 addressed visibly TSI only. Inaccessible TSI non assessed in 2009. All visible TSI abated, but specifically references Room 4 only. If any other TSI is exposed during future maintenance or renovations, it should be addressed (sampled) and abated.

2002 Inspection Note: Any remaining friable ACM or ACE. TSI located within walls and above ceilings within basement and 1st floor. These areas were inaccessible during 2002 survey, and condition could not be confirmed. Previous inspections indicate material to be in fair condition. Should future maintenance or renovations be undertaken within these area, it is recommended that the ACM's be removed. Room 112 abated 2002. O&M, abate if exposed.

1991 Inspection Note: Damaged or significantly damaged TSI ACM/ACE. Plumbing lines in pipe basement (1,415 LF), on ground floor (200 LF), 1st floor (300 LF), 2nd floor (45 LF)

Recommendation Response ~~Action (circle applicable actions)~~

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place. When encountered, manage in place until such time as practical to remove. Remove or encapsulate as needed/encountered during renovation/repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 2 Homogeneous Area #: 24 Date: 7/22 & 23/14
Description: Pipe Insulation (magnesia-type) on steam lines Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
X Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
(3)	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Per VAMC personnel, HA 24 removed as needed since early 1990s in accessible chases, basement, attic, and crawlspaces as needed. Newer kraft-faced, fiberglass, hard foam, or calcium silicate insulation observed by SELC in accessible chases on all floors, and/or generally above ceiling tiles. Records indicate HA 23 abated in Rooms 4 and 112. Still likely present in wall cavities (inaccessible).

2009 Inspection Note: Indicates no asbestos. 2009 addressed visibly TSI only. Inaccessible TSI non assessed in 2009. All visible TSI abated, but specifically references Room 4 only. If any other TSI is exposed during future maintenance or renovations, it should be addressed (sampled) and abated.

2002 Inspection Note: Any remaining friable ACM or ACE. TSI located within walls and above ceilings within basement and 1st floor. These areas were inaccessible during 2002 survey, and condition could not be confirmed. Previous inspections indicate material to be in fair condition. Should future maintenance or renovations be undertaken within these area, it is recommended that the ACM's be removed. Room 112 abated 2002. O&M, abate if exposed.

1991 Inspection Note: Damaged or significantly damaged TSI ACM/ACE. Steam lines in pipe basement (2,000 LF), ground floor (560 LF), 1st floor (560 LF)

Recommendation Response ~~Action (circle~~ applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place. When encountered, manage in place until such time as practical to remove. Remove or encapsulate as needed/encountered during renovation/repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 2 Homogeneous Area #: 25 Date: 7/22 & 23/14
Description: Flexible duct connectors Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
__X__ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
(3)	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Present in Pipe Chase 23B. New rubber/vinyl flexible duct connectors in attic.

2009 Inspection Note: ACM or ACE with potential for damage. Refers to this as HA 26. Room 23B – fair condition.

2002 Inspection Note: No reference to ground floor flex duct connector. Drawing indicates still present in attic.

1991 Inspection Note: Any remaining friable ACM or ACE or suspect non-Friable ACM or ACE / removal recommended. Pipe chase on ground floor (2 each), Attic (1 each)

Recommendation Response Action (circle applicable actions)

(*O&M*) (*Remove/Enclose/Encapsulate*) *Evacuate/Restrict*

Explain: Currently in good to fair condition. Maintain in place until practical/feasible to remove/replace.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 2 Homogeneous Area #: 26 Date: 7/22 & 23/14
Description: Roofing Tar Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: VAMC personnel indicates HA 26 was removed as part of major roof replacement project at Buildings 1-5, which was recently completed. Pitched roof and elevator roof were replaced.

2009 Inspection Note: No assessed / outside scope of work.

2002 Inspection Note: ACM remains on-site, on parapet wall on roof.

1991 Inspection Note: ACM/ACE with potential for damage – Roof (200 sf)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 2 Homogeneous Area #: 27 Date: 7/23/14
Description: Downspout Tar Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: No HA 27 observed. According to VAMC personnel, HA 27 has been abated/removed from Building 2.

2009 Inspection Note: No assessed / outside scope of work

2002 Inspection Note: ACM/ACE with potential for damage. Good Condition.

1991 Inspection Note: ACM/ACE with potential for damage – Downspout joints (3 each)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 2 Homogeneous Area #: 28 Date: 7/22 & 23/14
Description: Debris (ACM) Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: HA 28 in Crawlspace and Room 209A abated.

2009 Inspection Note: Not accessed / outside SOW

2002 Inspection Note: No specific reference, but drawing indicates pipe basement/crawlspace has been abated.

1991 Inspection Note: Any remaining friable ACM/ACE or suspect non-friable ACM/ACE – removal Debris (contaminated soil) in crawlspace (8,475 sf), and ACM Debris in 2nd floor pipe chase (Room 209A – 25 sf)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 2 Homogeneous Area #: 29 Date: 7/22 & 23/14
Description: Floor tile, 12" x 12" (off-white/brown streams) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: 12" x 12" vinyl composition floor tile (off-white with brown streaks) and brown mastic present in Rooms 103B and 109A. No asbestos detected in sample B2-1.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

APPENDIX B-2
Homogeneous Area / Sample Summary Table

HOMOGENEOUS AREA / SAMPLE SUMMARY TABLE PROJECT: 2014-1108 – BUILDING 2					
HOMG. AREA (HA#)	**HOMOGENEOUS AREA (HA) DESCRIPTION & LOCATION**	**HA TYPE (AHERA) EPA/OSHA CATG. (IF ACM) CONDITION (IF ACM)**	**SAMPLE NO.**	**ASBESTOS CONTENT**	**SAMPLE LOCATION**
29	12” x 12” Vinyl composition floor tile (off-white with brown streaks) and brown mastic in Room 103B.	Miscellaneous Material Not ACM	B2-1	None Detected	Room 103B
END OF TABLE					

Notes: 1. ** = Homogeneous area # previously identified by others.

2. If not demarked with an **, this is a new homogeneous area identified by SELC during this re-inspection

APPENDIX B-3
Sample/ACM Location Plans

ASBESTOS NOTES:

ACM = ASBESTOS CONTAINING MATERIAL

1. NO SAMPLES COLLECTED ON GROUND LEVEL.

2. HA 20, 23, AND 24 (ACM PIPE INSULATIONS) LIKELY PRESENT IN INACCESSIBLE LOCATIONS, SUCH AS WALL AND CEILING CAVITIES. NONE OBSERVED IN ACCESSIBLE LOCATIONS.

3. HA 25 – ACM FLEXIBLE DUCT CONNECTOR (1) PRESENT IN PIPE CHASE 23B.



NOT TO SCALE

BUILDING 2 – GROUND FLOOR

SHEET 1: BUILDING 2 – GROUND FLOOR	Safety Environmental Laboratories and Consulting, Inc. 989 Yeager Parkway Pelham, AL 35124 (205) 823-6200 fax (205) 823-9066	PROJECT 3-YEAR ASBESTOS RE-INSPECTION VAMC TUSCALOOSA 3701 LOOP ROAD TUSCALOOSA, ALABAMA 35404 SELC PROJECT NO.: 2014-1108	BUILDING 2 GROUND FLOOR SHEET 1 OF 3

ASBESTOS NOTES:

ACM = ASBESTOS CONTAINING MATERIAL

1. HA 20, 23, AND 24 (ACM PIPE INSULATIONS) LIKELY PRESENT IN INACCESSIBLE LOCATIONS, SUCH AS WALL AND CEILING CAVITIES. NONE OBSERVED IN ACCESSIBLE LOCATIONS.

SAMPLE LOCATION LEGEND

B2-1 Sample Locations/ No Asbestos Detected in Sample

B2-1 Sample Locations/ Asbestos Detected in Sample



NOT TO SCALE

BUILDING 2 – FIRST FLOOR

SHEET 2: BUILDING 2 – FIRST FLOOR	Safety Environmental Laboratories and Consulting, Inc. SELC 989 Yeager Parkway Pelham, AL 35124 (205) 823-6200 fax (205) 823-9066	PROJECT 3-YEAR ASBESTOS RE-INSPECTION VAMC TUSCALOOSA 3701 LOOP ROAD TUSCALOOSA, ALABAMA 35404 SELC PROJECT NO.: 2014-1108	BUILDING 2 FIRST FLOOR SHEET 2 OF 3

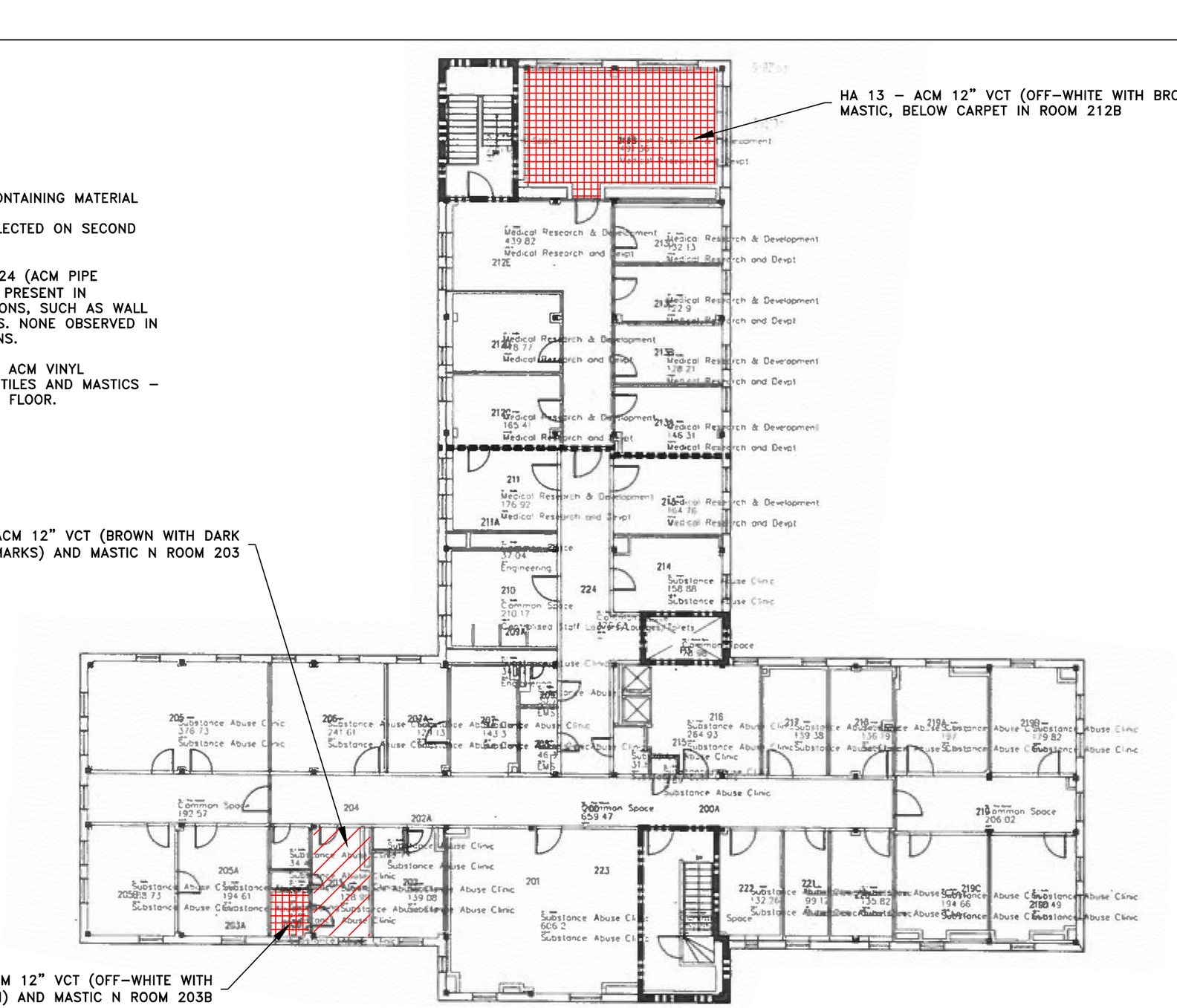
ASBESTOS NOTES:

ACM = ASBESTOS CONTAINING MATERIAL

1. NO SAMPLES COLLECTED ON SECOND FLOOR OR IN ATTIC.

2. HA 20, 23, AND 24 (ACM PIPE INSULATIONS) LIKELY PRESENT IN INACCESSIBLE LOCATIONS, SUCH AS WALL AND CEILING CAVITIES. NONE OBSERVED IN ACCESSIBLE LOCATIONS.

3. HA 12 AND 13 – ACM VINYL COMPOSITION FLOOR TILES AND MASTICS – PRESENT ON SECOND FLOOR.



NOT TO SCALE

BUILDING 2 – SECOND FLOOR

SHEET 3: BUILDING 2 – SECOND FLOOR	Safety Environmental Laboratories and Consulting, Inc. SELC 989 Yeager Parkway Pelham, AL 35124 (205) 823–6200 fax (205) 823–9066	PROJECT 3–YEAR ASBESTOS RE–INSPECTION VAMC TUSCALOOSA 3701 LOOP ROAD TUSCALOOSA, ALABAMA 35404 SELC PROJECT NO.: 2014–1108	BUILDING 2 SECOND FLOOR SHEET 3 OF 3

APPENDIX B-4
PLM Laboratory Reports

Safety Environmental Laboratories and Consulting, Inc.

Asbestos Bulk Sample Analysis Report

989 Yeager Pkwy.
Pelham, AL 35124
Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

Customer: **Safety Environmental Laboratories and Consulting, Inc.**
989 Yeager Parkway
Pelham, AL 35124

Telephone: **205-823-6200** Fax: **205-823-9066**

Project Name: **VAMC Tuscaloosa**
Project Location: **Building 2**

SELC Project #: **2014-1108**

Sample Receipt Date: 08/04/2014
Sample Analysis Date: 08/06/2014
Sample Report Date: 08/07/2014

Asbestos Identification in Bulk Materials by Polarized Light Microscopy

EPA/600/R-93/116 July 1993 – Method for the Determination of Asbestos in Bulk Building Materials

Note: See Attached Notes and Descriptions Sheet for Applicable Abbreviations and Notes

Customer Sample No.	Lab Sample No.	Sub-sample No.	Layer No.	Sample Location / Description	Homo-geneous (yes/no)	Asbestos % and Type	% Non-Asbestos Fibers	% Non-Fibrous Material
B2-1	8	N/A		Floor Tile and Mastic – Room 103B				
			1	Floor Tile – Off White, Organically Bound	Y	None Detected	None Detected	100%
			2	Mastic – Brown, Brittle	N	None Detected	5% Cellulose Fibers	95%

☒ This report is **FINAL** ☐ This report is **PRELIMINARY** – pending final QC

Analyst
Carol Findlay – Microscopy Manager

Technical Review
Brian Ray – Asbestos Analyst

Quality Review
Carol Findlay – Microscopy Manager

989 Yeager Pkwy.
Pelham, AL 35124

Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

PLM Notes and Descriptions

1. Upper detection limit: 100%. Lower detection limit: <1%.
2. Bulk Samples will be stored for 3 months and will then be disposed of in an approved EPA landfill.
3. Analysis of floor tile or any other resinously bound materials by polarized light microscopy (PLM) using EPA Method 600/R-93/116 dated July 1993 may yield false-negative results because of method limitations in separating closely bound fibers from matrix material and in detecting fibers of small length and/or diameter. When analysis of such materials by the EPA PLM Method yields negative results for the presence of asbestos we recommend utilizing alternative methods of identification such as Gravimetry, XRD or AEM.
4. Samples are not homogenized by SELC prior to analysis. Distinct material layers within a sample are analyzed and reported separately by SELC. When multiple products are submitted by the customer under one sample number, SELC indicates those distinct products as sub-samples. SELC retains all samples numbers but will designate a sample number to those that are not given a sample number by the customer.
5. Percentages given are based on a visual estimated calibration.
6. Safety Environmental Laboratories and Consulting, Inc. is a NVLAP accredited laboratory, Lab Code: 200873-0 (ISO/IEC Standard 17025:2005 Compliant).
7. Results relate only to the samples tested. All tests were performed under the scope of SELC's NVLAP accreditation, unless indicated otherwise.
8. All samples were received in a condition suitable for analysis ("Good"), unless otherwise noted.
9. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.
10. Analytical Instrument: Olympus Polarized Light Microscope Series BH-2 Model BHT-002

Analyst	**Technical Review**	**Quality Review**
Carol Findlay – Microscopy Manager	Brian Ray – Asbestos Analyst	Carol Findlay – Microscopy Manager

Safety Environmental Laboratories and Consulting, Inc.

989 Yeager Pkwy.
Pelham, AL 35124
Phone: (205) 823-6200
Fax: (205) 823-9066

Environmental, Health, and Safety Solutions

SELC

Chain of Custody Form

Customer: Safety Environmental Labs and Consulting, Inc.
Address: 989 Yeager Parkway
Pelham, AL 35126
Phone: 205-823-6200 Fax: 205-823-9066
E-mail:

Project Number: 2014-1108
Project Name: VAMC Tuscaloosa
Project Location: Building 2
PO Number:
SELC Proj. #:

Sample Type
- ☐ Air
- ☒ Bulk
- ☐ Paint
- ☐ Soil
- ☐ Waste
- ☐ Other:

Asbestos Analysis
- ☐ Asbestos Air - PCM
- ☐ Asbestos Air - TEM
- ☒ PLM (EPA 600/R-93/116)
- ☐ PLM (EPA Point Count)
- ☐ Other:

Metals Analysis
- ☐ Total Conc. - Lead
- ☐ Total Conc. - RCRA 8-Metals
- ☐ TCLP - Lead
- ☐ TCLP - RCRA 8-Metals
- ☐ TCLP - Full (w/ organics)
- ☐ Other:

Turn-Around Time*
- ☐ Rush/Same Day†
- ☐ 24 Hours
- ☐ 48 Hours
- ☒ 3 Business Days
- ☐ 4 Business Days
- ☐ Other:

- Field blanks should be submitted with all samples -

** Some TAT not available for all tests. Must schedule rush organics, multi-metals and weekend tests in advance*
† Same day not available after 2:00 PM

Sample #	Date Sampled	Sample Description (e.g. Employee Name, SSN, Bldg, Material)	Area Wiped (ft²)	Type ‡ A/B/P/E	Time of Sampling Start	Time of Sampling Stop	Flow Rate (L/min) Start	Flow Rate (L/min) Stop	Total Vol. (L)	SELC USE ONLY #	SELC USE ONLY Cond
B2-1	7/22/14	Floor Tile & Mastic - Room 123	B							B	G

‡ A - Area, B - Blank, P - Personal, E - Excursion

Relinquished by:

Signature	Date	Time
Elizabeth Hyde	8/4/14	12:45pm

Received By:

Signature	Date	Time
Betty Lindsey	8/4/14	1:10pm

Sampled By:
Signature
Elizabeth Hyde

APPENDIX B-5
Photographic Documentation

Photographic Documentation – 3 Year Asbestos Re-inspection – Building 2



PHOTOGRAPH 1
HA 06 (ACM 9” black VCT and mastic) in Room 20.



PHOTOGRAPH 3
HA 13 (ACM 12” off-white/brown VCT and mastic) in Room 203B.



PHOTOGRAPH 2
HA 12 (ACM 12” brown VCT and mastic). Photograph taken in Room 203.



PHOTOGRAPH 4
HA 29 (non-ACM 12” brown VCT and mastic) in Room 103B.

Photographic Documentation – 3 Year Asbestos Re-inspection – Building 2



PHOTOGRAPH 5
Example of a newer, vinyl flexible duct connector in attic.



PHOTOGRAPH 6
HA 25 – ACM Flexible duct connector present in Pipe Chase 23B.



PHOTOGRAPH 7
New roof (pitched and elevator penthouse) of Building 2.

NO PHOTOGRAPH

APPENDIX B-6
Estimated Asbestos Abatement Costs

BUILDING 2 ESTIMATED ASBESTOS ABATEMENT COSTS				
HA NUMBER(S)	**TYPE OF ACM**	**FRIABLE/ NON-FRIABLE**	**APPROXIMATE QUANTITY**	**ESTIMATED ABATEMENT COSTS**
06, 12, 13	Vinyl composition floor tile and mastic	Non-Friable	1,320 square feet	$66,000
20 (see Note 5)	Air-cell pipe insulation	Friable	NP	NP
22	Flexible duct connectors	Friable	NP	NP
23 (see Note 5)	Pipe insulation ("cardboard" – like)	Friable	NP	NP
24 (see Note 5)	Pipe insulation ("magnesia" type)	Friable	NP	NP
25	Flexible duct connectors	Friable	One observed	$200

Notes:

1. HA = Homogeneous area
2. ACM = Asbestos containing material
3. NP = Not provided
4. Costs provided are general estimates for information purposes only. A complete and specific cost estimate should be obtained from Alabama accredited asbestos abatement contractors prior to any abatement project.
5. Quantity and cost estimates are provided only for observable ACM/homogeneous area. Cost estimates are not provided for inaccessible portions/quantities of a homogeneous group.

APPENDIX B-7
Additional VAMC Supplied Notes/Information

Shanay Lewis 08/16/11

Hazardous Waste Abatements

Asbestos Floor Tile Removal

- Building 1- Rooms 307, 307A, 308, 312, 313 & 314
- Building 2, 1st Floor- Rooms 101, 102, 105, 105A, 106, 106A, 107, 108, 109, 109B, Corridor 113, 113A, 113B, 113D, 113E, 113G, 113H, 114, 117, 119A, 119B, 119C, 119D, 120, 122, Corridor 125, Corridor 178 & Corridor 179
- Building 2, 2nd Floor- Corridor 200, Rooms 201, 202, Corridor 204, 205, 205A, 205B, 207, 207A, 212E, 213, 214, 217, 218, Corridor 219, 219A, 219B, 219C, 219D, 220, 222 & Corridor 224
- Building 5, Basement- Corridor 8, Rooms 8A, 8B, 8C & 8D
- Building 5, 1st Floor- Rooms 100, 101, 101A, 106, 107, 108, 109, 110A, 111, 112, 114, 114A, 115, 116, 117, 118, 119, 120, 121, 122, 125, 126, 127, 128, Elevator Lobby 129, Lobby 135, Corridor 140, Corridor 145 & Corridor 150
- Building 5, 2nd Floor- Rooms 200, 201, 202, 202A, 203, 205, 205A, 206, 206A, 207, 207A, 208, 208A, 209, 210, 211, 213, 213A, 214, 215, 216, 217, 218, 219, 221, 221A, 222A, 222, 223, Elevator Lobby 224, 224A & Corridor 235

Lead Based Paint Removal & Encasement

- Building 40, Basement LBP Removal (Door Frames & Hardware Only)
  - Rooms 1, 1A (Telephone Closet), 2 (Large Toddler Room near Elevator), 7, 8, 9, 9A, 9B, 9C, 9D, 10, Stairwell Door, 12, 13, 14, 15, 16, 16A, 17, Door in between Corridor 18 & Corridor 20
- Building 40, Basement Window Encasement
  - Rooms 1, 9, 12, 14, 14A, 14B, 14C, 14D, 16, 16A

encapsulated

Room 9 = 2 windows ✓
Room 9C = 3 windows (2) ✓
Room 9D = 2 windows (2) ✓
Room 9B = 1 window (2) ✓

All ✓

* 8 total (All green) but.... are they really?

potential "hot spots" for ACM



1. Bldg 2 electrical room 9/26/12 (Rm 20?)
   (Near elevators) w/ FACP (Near credit union entrance)
   (9" VAT)

2. Bldg 40 - Day Care (Rm 7) Storage ?
   ~~walls + pipe flaking off~~ (ACM? or lead pt.?)
   (Tip via EMS staff)
   Ask Donna Blackmon

3. Bldg 40 above drop ceiling in Rm 101 (plastic w/ wire mesh)
   via New Lawn in electric shop
   room on left at entrance lobby

4. Bldg 3 - Rooms (12) 12A - (13C) - 13D - 13A - 14
   (boat bathroom) men's / locker / women's / stairs
   → See floorplan/map Jimmy Hixson

5. B-17 Plumbing Shop floor tile?

Attic flexible conducts with ACM *

MV
03/25/14

Per Les Mills

~~Bldg 2~~ - Rm 238 (No ACM)

~~Bldg 3~~ - Attic (take (No ACM) stairs across from rm 213)

~~Bldg 4~~ - Attic + ductwork updated 1994 No ACM

Bldg 5 2 of 4

Mech rm 5 X2 + rm 205A + rm 102(A)

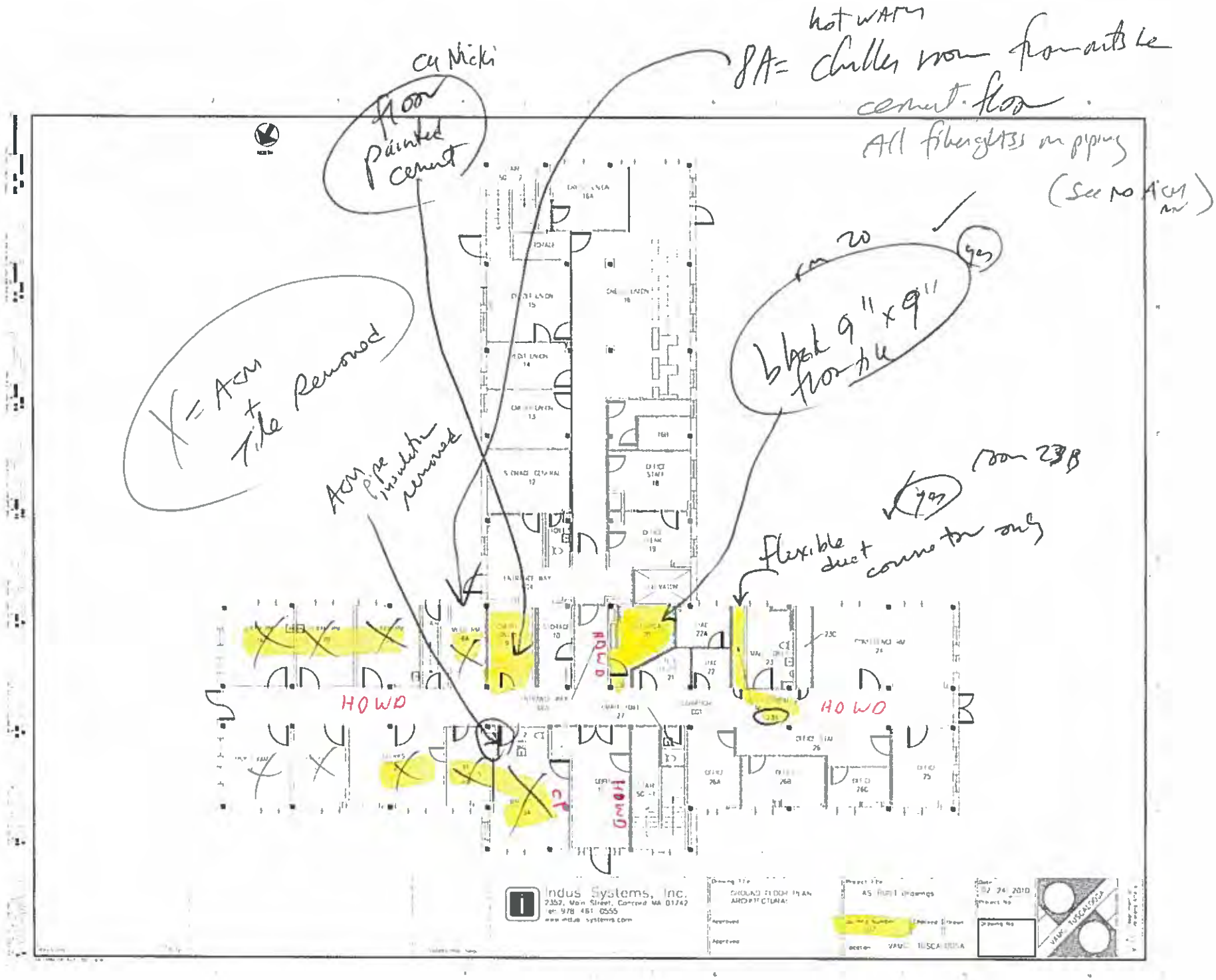
Bldg 1 Above ceily / corridor in

Near ~~Rm~~ Rm 120F (ACM?)

cont rm 235 above ceily (ACM?)

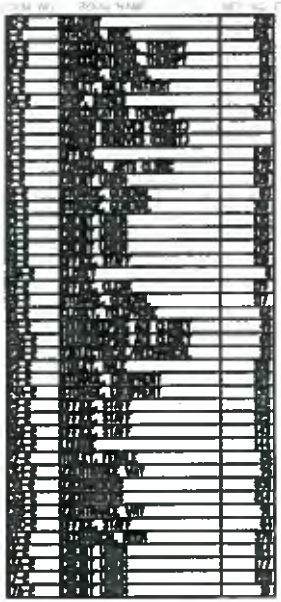
B-46 Chapel - duct flex "Canvas Connector"

B-40 1st fl + 2nd floor ? canvas vs ACM


hot water
SA= Chilled water from attic
cement floor
All fiberglass on piping
(See notation)
cy Nicki
floor painted cement
room 20
yes
black 9" x 9" floor tile
X = ACM + Tile removed
ACM pipe insulation removed
room 23B
yes
flexible duct connection only
HOWD
HOWD
HOWD
HOWD
CP
Indus Systems, Inc.
2352, Main Street, Concord MA 01742
ph 978 461 0555
www.indus-systems.com
GROUND FLOOR PLAN
ARCHITECTURAL
AS BUILT drawings
VAUC TUSCALOOSA

Bldg 2 08/16/11

Bldg 2
ground floor



All above ceiling pipe insulation and ACM mastic has been abated in this area.

(Above plaster ceiling) Pipe insulation only

IMPORTANT NOTE

SG-2 16A 15 16 14 13 16B 18 12 18A CG3 19 CG4 P3 7 8 8A 9 10 CG5 20 22A 23B 23C 24 21 22 23 CORRIDOR TO BLDG. 3 CORRIDOR TO BLDG. 38 CG1 4 3 2 1 1C SG-1 27 26 26A 26B 26C 25

GROUND FLOOR PLAN – BUILDING NO. 2

old WALL TSI Pipe goes ACM Now

All pipe insulation above ceiling Only (Above plaster ceiling)

3 CHANGED AS PER SPACE MINUTES 4 CHANGED AS PER SPACE MINUTES

Veterans Administration

2-G

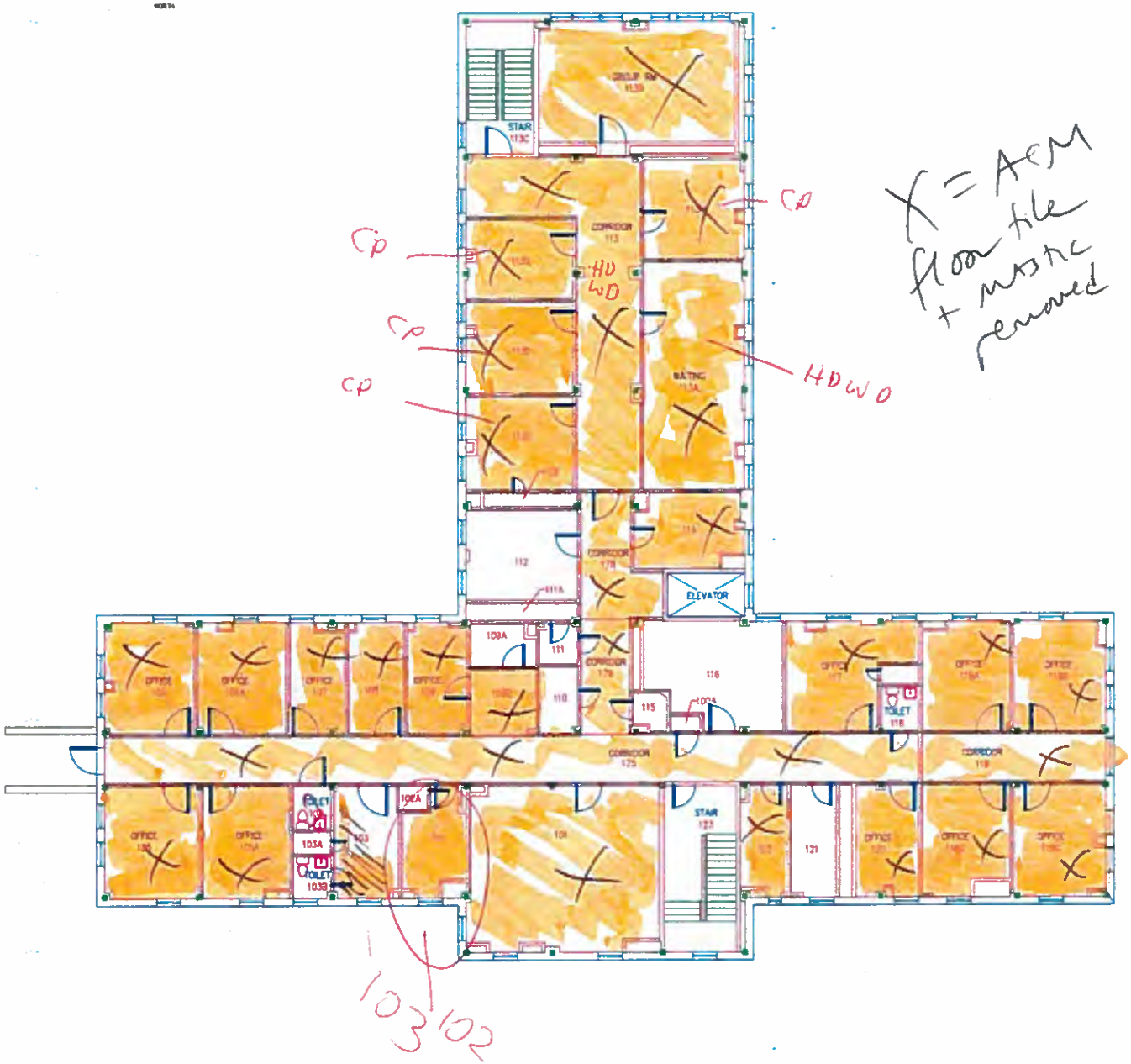


Indus Systems, Inc.
2352, Main Street, Concord MA 01742
Tel: 978-461-0555
www.indus-systems.com

Drawing Title: FIRST FLOOR PLAN ARCHITECTURAL
Project Title: AS-BUILT Drawings
Date: 02-09-2010
Project No.
Approved:
Approved:
Building Number: 02
Checked
Drawn
Location: VAMC TUSCALOOSA
Drawing No.

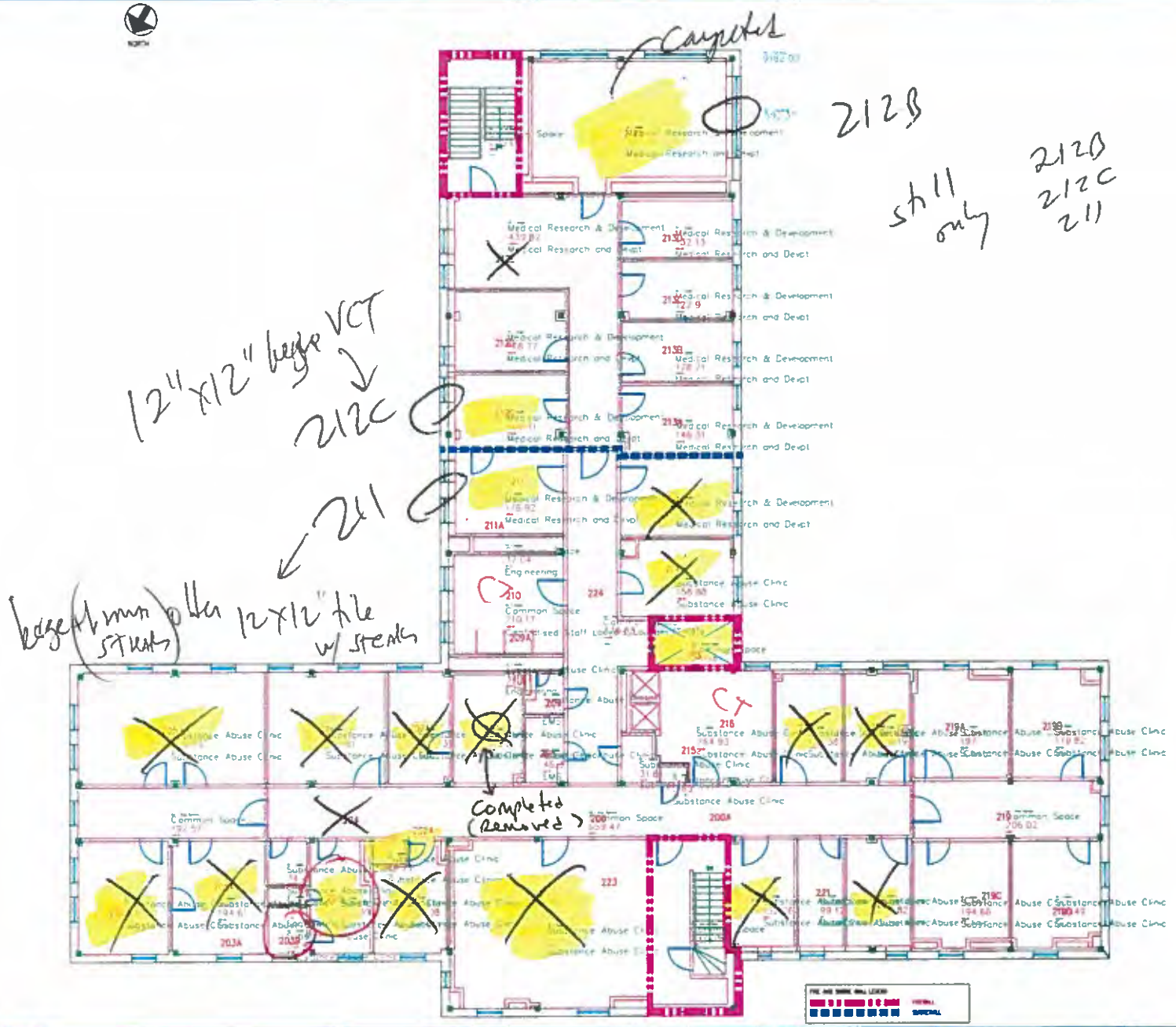
Professional Seal

VAMC, TUSCALOOSA
VA Department of Veterans Affairs



Indus Systems, Inc.
2352, Main Street, Concord MA 01742
Tel: 978-461-0555
www.indus-systems.com

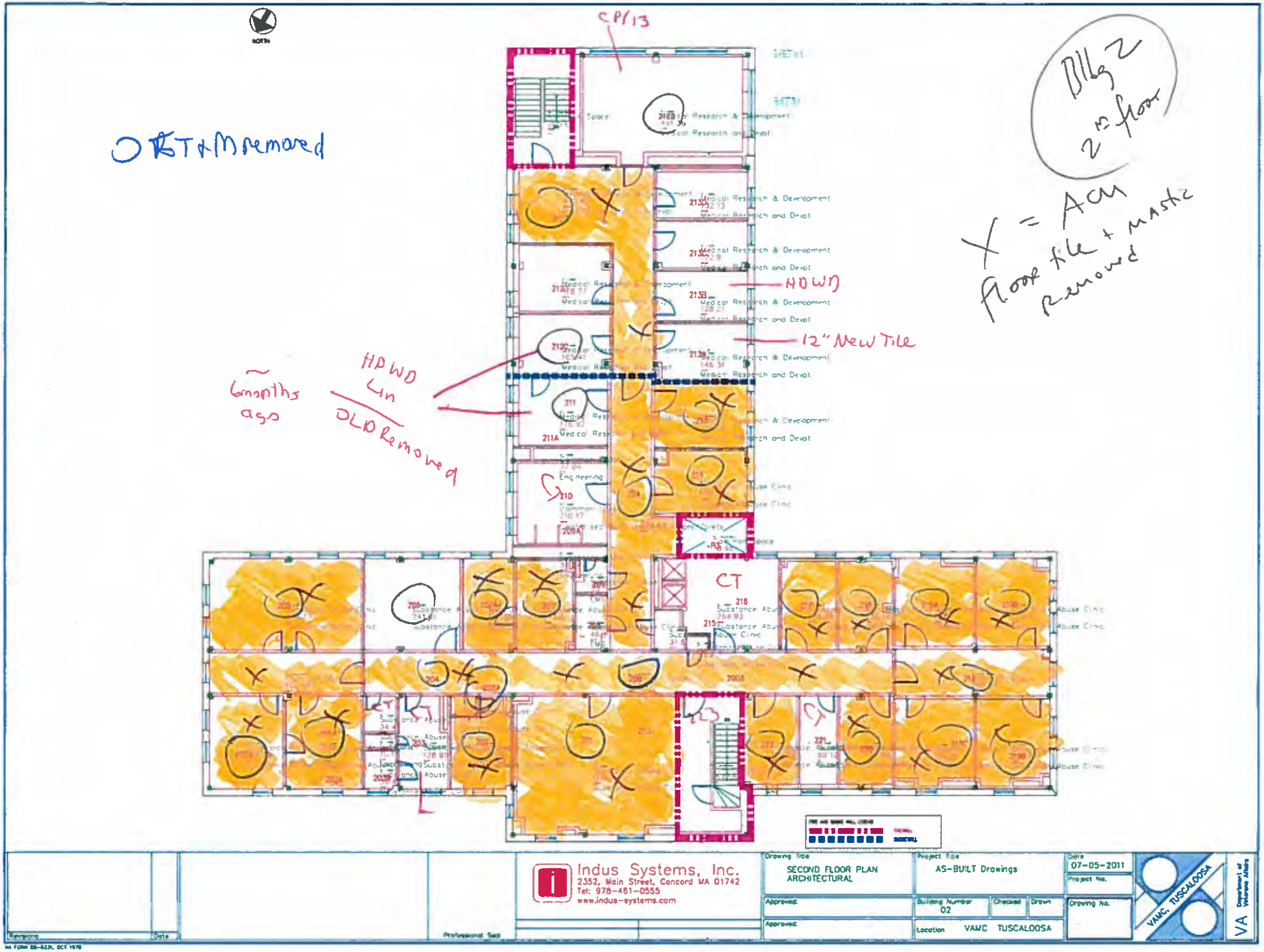
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Project Title: AS-BUILT Drawings
Date: 02-09-2010
Project No.
Drawing No.
Approved:
Approved:
Building Number: 02
Checked
Drawn
Location: VAMC TUSCALOOSA
Rights are
Date
Professional Seal
VAMC, TUSCALOOSA
VA Department of Veterans Affairs



Indus Systems, Inc. 2352, Main Street, Concord MA 01742 Tel: 978-461-0555 www.indus-systems.com	Drawing Title: SECOND FLOOR PLAN ARCHITECTURAL	Project Title: AS-BUILT Drawings	Date: 07-05-2011
	Approved:	Building Number: 02	Drawing No.
	Approved:	Location: VAMC TUSCALOOSA	

VAMC TUSCALOOSA

VA Department of Veterans Affairs


CP/13
Bldg 2
2nd floor
OKT+M removed
X = ACM
floor tile + mastic
removed
HDWD
12" New Tile
~
6 months
ago
HDWD
Lin
OLD removed
CT
Medical Research & Development
Engineering
Substance Abuse Clinic
Indus Systems, Inc.
2352, Main Street, Concord MA 01742
Tel: 978-461-0555
www.indus-systems.com
SECOND FLOOR PLAN
ARCHITECTURAL
AS-BUILT Drawings
07-05-2011
Approved:
Approved:
Building Number
02
Checked
Drawn
Location VAMC TUSCALOOSA
Drawing No.
VAMC, TUSCALOOSA
VA
Department of Veterans Affairs

APPENDIX C

BUILDING 3
OFFICE BUILDING AND BOILER PLANT



INCLUDED IN APPENDIX C:

C-1 – Annual Asbestos Re-inspection Documentation

C-2 – Homogeneous Area / Sample Summary Table

C-3 – Sample/ACM Location Plans

C-4 – PLM Laboratory Reports

C-5 – Photographic Documentation

C-6 – Estimated Asbestos Abatement Costs

C-7 – Additional VAMC Supplied Notes/Information

APPENDIX C-1
Annual Asbestos Re-inspection Documentation

BUILDING 3 HOMOGENEOUS AREA LIST

HA 01 = 12" x 12" FLOOR TILE (OFF-WHITE WITH BROWN) – NAD
HA 02 = 12" X 12" FLOOR TILE (MULTI-BROWN) – NAD
HA 03 = 12" X 12" FLOOR TILE (ORANGE) - NAD
HA 04 = 12" X 12" FLOOR TILE (YELLOW) - NAD
HA 05 = 24" X 24" FLOOR TILE (SUSPENDED IN COMPUTER ROOM) - NAD
HA 06 = 12" X 12" FLOOR TILE (GREEN WITH DARK GREEN) - REMOVED
HA 07 = 9" X 9" FLOOR TILE (BURGUNDY AND BROWN ALTERNATING) - REMOVED
HA 08 = 12" X 12" FLOOR TILE (BLACK – TRIM) - REMOVED
HA 09 = MASTIC BELOW CARPET – NAD
HA 10 = UNKNOWN
HA 11 = 12" X 12" FLOOR TILE (OFF-WHITE WITH GREY) AND MASTIC
HA 12 = 12" X 12" FLOOR TILE (GREY) - NAD
HA 13 = CEILING TILE (2' X 2' – WHITE) - NAD
HA 14 = CEILING TILE (2' X 2' – GREY) - NAD
HA 15 = CEILING TILE (2' X 2' – GROOVE AND PINHOLE - OLD) - NAD
HA 16 = CEILING TILE (2' X 2' – GROOVE AND PINHOLE - NEW) - NAD
HA 17 = SPRAY-APPLIED ACOUSTICAL MATERIAL- NAD
HA 18 = ROOFING TAR (GRAY – PARAPET WALL)
HA 19 = DUCT SEALING COMPOUND - REMOVED
HA 20 = FLEXIBLE DUCT CONNECTOR
HA 21 = ROOFING TAR (ROOF) - NAD
HA 22 = DUCT INSULATION (ROOF) - REMOVED
HA 23 = PIPE FITTING INSULATION (HARD) ON FIBERGLASS RUNS - NAD
HA 23A = PIPE FITTING INSULATION (HARD OF FIBERGLASS RUNS) IN ROOM 5B- REMOVED
HA 24 = PIPE INSULATION (CARDBOARD LIKE) – NAD
HA 25 = PIPE INSULATION (MAGNESIA-TYPE) – NAD
HA 26 = CONDENSOR RECEIVER TANK INSULATION – NAD
HA 27 = POTABLE WATER TAN INSULATION – NAD
HA 28 = BOILER FLUE INSULATION (BREECHING) - REMOVED
HA 29 = DEAERATING FEED TANK INSULATION – NAD
HA 30 = BOILER GASKET MATERIAL – BOILER DOORS – NAD
HA 31 = HOT WATER TANK INSULATION – NAD
HA 32 = STEAM DRUM INSULATION (INSIDE BOILERS 1,2,3) – NAD
HA 33 = CONCRETE FLOORS, WALLS, CEILINGS – NAD
HA 34 = DEBRIS - REMOVED
HA 35 = PIPE INSULATION – MAGNESIA TYPE (STEAM PIPING)
HA 36 = BLOW-OFF INSULATION – BOILER ROOM - REMOVED
HA 37 = PIPE INSULATION, FOAM GLASS
HA 38 = PIPE INSULATION, BLACK MASTIC TAPE
HA 39 = MASTIC CEILING TILE ADHESIVE
HA 40 = UNKNOWN
HA 41/42 = 9" FLOOR TILE (OFF-WHITE WITH BLACK SPECKS) AND MASTIC – REMOVED
HA 43 = ACM BLACK MASTIC BELOW NON-ACM 12" FLOOR TILE (OFF-WHITE WITH BROWN STREAKS)
HA 44 = ACM MASTIC ON NON-ACM HARD PIPE FITTING INSULATION

HA = HOMOGENEOUS AREA
HA = ASBESTOS CONTAINING MATERIAL
NAD = NO ASBESTOS DETECTED
HA (ITALICIZED) = IDENTIFIED BY SELC DURING 2014 RE-INSPECTION. OTHER HOMOGENEOUS AREAS IDENTIFIED DURING PREVIOUS RE-INSPECTIONS/INSPECTIONS BY OTHER CONSULTANTS.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 3 Homogeneous Area #: 06 Date: 7/23 & 24/14
Description: Floor tile, 12" x 12" (green with dark green) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed from first floor connecting corridor. Removed from conference rooms 104 – now carpet over concrete in main conference rooms, and new 12" VCT in break room and two closets

2009 Inspection Note: No comment/information. Refers to tile in 104B and HA 41/42

2002 Inspection Note: Removed – first floor connecting corridor to Buildings 1, 2, 4. Refers to tile in 104B as HA 41/42

1991 Inspection Note: ACM/ACE with potential for damage. Connecting corridors and Rooms 104B and 104C (1,855 sf)

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 3 Homogeneous Area #: 07 Date: 7/23 & 24/14
Description: Floor tile, 9" x 9" (burgundy & brown alternating) /mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed from corridor 106 – has new vinyl flooring. Not present in Rooms 201B and 201C – now has newer 12" VCT.

2009 Inspection Note: No comment/information.

2002 Inspection Note: ACM/ACE with potential for damage. Rooms 201B and 201C – fair to poor condition.

1991 Inspection Note: ACM/ACE with potential for damage. Corridor 106 (190 SF)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 3 Homogeneous Area #: 08 Date: 7/23 & 24/14
Description: Floor tile, 9" x 9" (black) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed from corridor 106 – has new vinyl flooring.

2009 Inspection Note: No comment/information.

2002 Inspection Note: No comment/information.

1991 Inspection Note: ACM/ACE with potential for damage. Corridor 106 (trim only – 60 SF)

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 3 Homogeneous Area #: 11 Date: 7/23 & 24/14
Description: Floor tile, 12" x 12" (off-white with grey) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Present / exposed in Corridors 201B and 223 – good condition; however, an area (~100 ft^2) of new 12" VCT is present outside Elevator P4. This area of non-asbestos tile and mastic was sampled by SELC in early 2014. Present/ exposed in offices 201A, 202, 211 – good condition. Present below carpet in offices 200, 201, 212 – good condition. ~1,800 ft^2. No longer present in Room 215A, 102A, 103, 108. Carpet over concrete in what is now 104 conference room. New 12" VCT in breakroom and closets of Room 104.

2009 Inspection Note: ACM/ACE with potential for damage. Rooms 104B, 201A, 202, 215A - good condition. Rooms 102A, 103, 108, 200, and 211 - fair condition. Elevator P-4 - poor condition. Room 201 and 212 has carpet over floor tile.

2002 Inspection Note: ACM/ACE with potential for damage. Rooms 200, 201, 201A, 202; Under carpet in rooms 211, 212, 213, 215A. Part of 222 corridor, and all of corridor 223.

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 200-202, 213, 215A, 222 (1,650 sf)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 3 Homogeneous Area #: 18 Date: 7/23 & 24/14
Description: Roofing tar (parapet wall) Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Gray tar on Parapet wall (860 sf) – good condition. Main flat roof with gravel was not replaced as part of recent major roof replacement project at Buildings 1-5.

2009 Inspection Note: Not assessed – outside scope of work

2002 Inspection Note: General reference on drawings as being present

1991 Inspection Note: Any remaining friable ACM/ACE or friable suspected ACM/ACM. Parapet wall (860 sf)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 3 Homogeneous Area #: 19 Date: 7/23&24/14
Description: Duct sealing compound (brown) Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Not observed on attic ductwork.

2009 Inspection Note: No comment/information

2002 Inspection Note: ACM or ACE with potential for damage. Attic – good condition.

1991 Inspection Note: Any remaining friable ACM/ACE or friable suspected ACM/ACM. Brown joint sealing compound on attic ducts – (25 lf)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 3 Homogeneous Area #: 20 Date: 7/23 & 24/14
Description: Flexible duct connector Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
X Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
(3)	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Attic (2 each) – good to fair condition

2009 Inspection Note: ACM or ACE with potential for damage – Attic – good condition

2002 Inspection Note: ACM or ACE with potential for damage – Attic – good condition

1991 Inspection Note: Any remaining friable ACM/ACE or friable suspected ACM/ACM. Attic (2 each)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Currently in good to fair condition. Maintain in place until practical/feasible to remove/replace.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 3 Homogeneous Area #: 22 Date: 7/23 &34/14
Description: Duct insulation Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Original roof ductwork removed ~ 4-5 years ago as part of SPD / Research renovation.

2009 Inspection Note: No comment/information

2002 Inspection Note: No comment/information

1991 Inspection Note: Damaged or significantly damaged TSI ACM or ACE – Roof (2,600 SF)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 3 Homogeneous Area #: 23A Date: 7/23&24/14
Description: Pipe fitting insulation (hard) Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: No longer present in Room 5B. Accessible elbows/fittings observed in Room 5B are either exposed or insulated with fiberglass covered with plastic. However, may be present within walls.

2009 Inspection Note: Any remaining friable ACM or ACE. Room 5B – located within walls. Poor condition.

2002 Inspection Note: Any remaining friable ACM or ACE. Room 5B – 4 each

1991 Inspection Note: Damaged or significantly damaged TSI ACM or ACE – On fiberglass runs, 4 each, Room 5B (a/c room)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 3 Homogeneous Area #: 28 Date: 7/23&24/14
Description: Boiler flue insulation (breeching) Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Per VAMC records and personnel, since 2009, all TSI and boilers in boiler room have been replaced, and all identified ACM in boiler room has been abated.

2009 Inspection Note: Damaged or significantly damaged TSI, ACM or ACE – Boiler room – An explosion occurred at #3 boiler in December 2006. The breached corner which is patched is in fair to poor condition and may need to be addressed. Consideration should be given to other TSI such as elbows and T's, #4 boiler flue gasket outlet, above door to trench and hot water tanks.

2002 Inspection Note: ACM or ACE with potential for damage – Boiler Area. Metal jacket in good condition.

1991 Inspection Note: Damaged or significantly damaged TSI ACM or ACE-Boiler room – 2,450 sf

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Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 3 Homogeneous Area #: 34 Date: 7/23 & 24/14
Description: Debris Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed as part of major boiler replacement and associated ACM abatement project.

2009 Inspection Note: Not assessed – outside scope of work

2002 Inspection Note: No comment/information

1991 Inspection Note: Damaged or significantly damaged TSI ACM or ACE – Pipe tunnel by Room 19b (665 sf)

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 3 Homogeneous Area #: 35 Date: 7/23 & 24/14
Description: Pipe insulation – magnesia-type on steam piping Inspector: E. Hyde

Physical Assessment (check all that apply)

X Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
(5)	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Per VAMC personnel, ACM TSI has been removed as needed since early 1990s in accessible chases, basement, attic, and crawlspaces as needed. Newer kraft-faced, fiberglass, hard foam, or calcium silicate insulation observed by SELC in accessible chases on all floors, and/or generally above ceiling tiles. However, HA 35 observed on straight runs and elbows of 2 pipes (~ 10 linear feet, poor condition) in Rooms 12 and 12A. Samples B3-1 and B3-3, collected from small steam pipe in Rooms 12 and 12A, respectively, both contain 2% Chrysotile and 10% Amosite.

2009 Inspection Note: Not assessed – outside scope of work

2002 Inspection Note: Indicated all piping insulated with ACM.

1991 Inspection Note: Damaged or significantly damaged TSI ACM or ACE – On steam piping in pipe tunnel (570 LF), basement (70 LF), 1st and 2nd floor (50 LF + 120 LF), boiler room (720 LF). Note – 1973 and earlier

Recommendation Response Action (circle applicable actions)

(*O&M*) (*Remove/Enclose/Encapsulate*) *Evacuate/Restrict*

Explain: Remove as soon as practical in above-referenced, accessible areas. In other locations, manage in place when encountered, until such time as practical to remove. Remove or encapsulate as needed/encountered during renovation/repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 3 Homogeneous Area #: 36 Date: 7/23 & 24/14
Description: Blow-off tank insulation Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed as part of major boiler replacement and associated ACM abatement project.

2009 Inspection Note: No specific comment/information

2002 Inspection Note: No specific comment/information

1991 Inspection Note: Damaged or significantly damaged TSI ACM or ACE – Boiler room – 85 SF

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 3 Homogeneous Area #: 41/42 Date: 7/23 & 24/14
Description: Floor tile, 9" x 9" (off-white with black specks) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed. Carpet over concrete in what is now the 104 conference rooms (2). New 12" VCT in break room and two closets of Room 104.

2009 Inspection Note: ACM or ACE with potential for damage. Room 104B – has carpet

2002 Inspection Note: ACM or ACE with potential for damage – Room 104B (projection room) Fair condition

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 3 Homogeneous Area #: 43 Date: 7/23 & 24/14
Description: Floor tile, 12" x 12" (off-white with brown) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Present in top landing of stairwell 119 on first floor. See sample B3-5. Asbestos was not detected in tile, but detected in black mastic. Good condition, ~ 150 ft^2

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 3 Homogeneous Area #: 44 Date: 7/23 & 24/14
Description: Mastic over hard pipe fitting insulation - steam Inspector: E. Hyde

Physical Assessment (check all that apply)

X Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
(5)	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Mastic over hard fitting mud insulation present on two fittings of a medium pressure steam pipe in Room 12, and ~10 fittings of presumed steam piping in Room 4. Straight runs of this piping are insulated with kraft-faced fiberglass. Please note that HA 44 (ACM mastic) is likely present in other locations. See samples B3-2 (collected from Room 12) and B3-4 (collected from Room 4). Asbestos (3% to 5% chrysotile) detected in mastic. No asbestos detected in fitting mud.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

(*O&M*) (*Remove/Enclose/Encapsulate*) *Evacuate/Restrict*

Explain: Remove as soon as practical in above-referenced, accessible areas. In other locations, manage in place when encountered, until such time as practical to remove. Remove or encapsulate as needed/encountered during renovation/repair activities.

APPENDIX C-2
Homogeneous Area / Sample Summary Table

HOMOGENEOUS AREA / SAMPLE SUMMARY TABLE PROJECT: 2014-1108 – BUILDING 3					
HOMG. AREA (HA#)	**HOMOGENEOUS AREA (HA) DESCRIPTION & LOCATION**	**HA TYPE (AHERA) EPA/OSHA CATG. (IF ACM) CONDITION (IF ACM)**	**SAMPLE NO.**	**ASBESTOS CONTENT**	**SAMPLE LOCATION**
35**	**Pipe insulation (tan, brittle) below cloth wrap on two pipes in Rooms 12 and 12A. Piping is suspected to be old steam pipes.**	**TSI ACM NESHAP Friable ACM OSHA Class I Work Fair Condition**	**B3-1**	**None Detected in wrap**	**Room 12**
			B3-3	**10% Amosite / 2% Chrysotile in Insulation**	**Room 12A**
43	**12" x 12" Vinyl composition floor tile (off-white with brown) and black mastic in top landing of Stairwell 119.**	**Miscellaneous Material NESHAP Category 2 Non-Friable ACM OSHA Class II Work Intact**	**B3-5**	None Detected in Tile **5% Chrysotile in Mastic**	**Stairwell 119**
44	**Mastic over hard fitting mud insulation on two fittings of a medium steam pipe in Room 12, and ~ 10 fittings of presumed steam piping in Room 4. Straight runs of this piping are insulated with fiberglass.**	**Miscellaneous Material on non-ACM TSI NESHAP Category 2 Non-Friable ACM OSHA Class II Work Fair condition**	**B3-2**	**3% to 5% Chrysotile in Mastic** None Detected in Fitting Mud Insulation	**Room 12**
			B3-4		**Room 4**
END OF TABLE					

Notes: 1. ** = Homogeneous area # previously identified by others.

2. If not demarked with an **, this is a new homogeneous area identified by SELC during this re-inspection

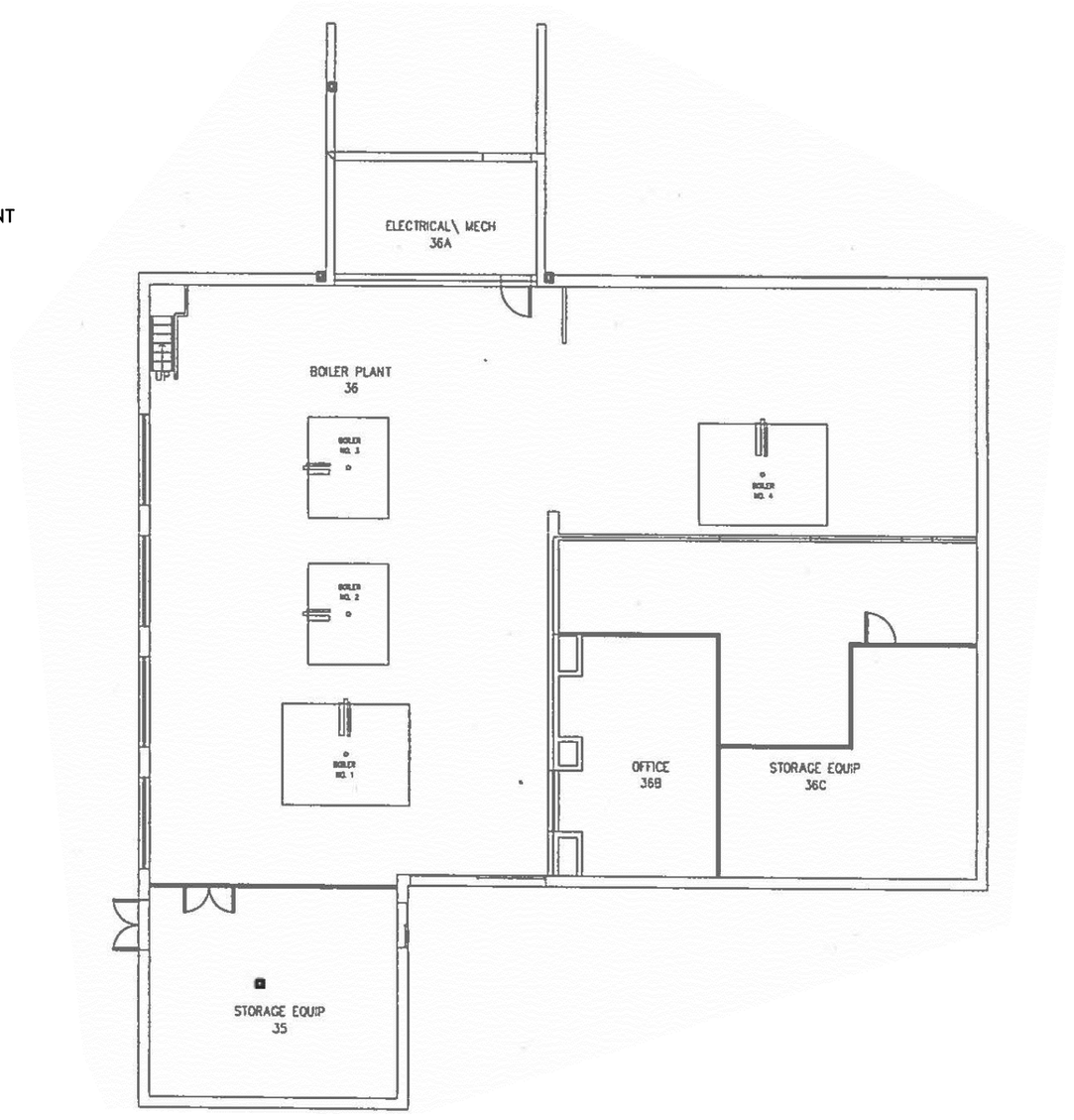
APPENDIX C-3
Sample/ACM Location Plans

ASBESTOS NOTES:

ACM = ASBESTOS CONTAINING MATERIAL

1. NO SAMPLES COLLECTED FROM SUB–BASEMENT.

2. ALL ACM ASSOCIATED WITH BOILERS / SUB–BASEMENT REMOVED AS PART OF RECENT MAJOR BOILER REPLACEMENT PROJECT.



NOT TO SCALE

BUILDING 3 – SUB–BASEMENT

SHEET 1: BUILDING 3 – SUB–BASEMENT	Safety Environmental Laboratories and Consulting, Inc. 989 Yeager Parkway Pelham, AL 35124 SELC (205) 823–6200 fax (205) 823–9066	PROJECT 3–YEAR ASBESTOS RE–INSPECTION VAMC TUSCALOOSA 3701 LOOP ROAD TUSCALOOSA, ALABAMA 35404 SELC PROJECT NO.: 2014–1108	BUILDING 3 SUB–BASEMENT SHEET 1 OF 4

ASBESTOS NOTES:

ACM = ASBESTOS CONTAINING MATERIALS

1. HA 35 (ACM STEAM PIPE INSULATION) LIKELY PRESENT IN INACCESSIBLE AREAS, SUCH AS BUT NOT LIMITED TO, WALL AND CEILING CAVITIES. ALSO OBSERVED/SAMPLED IN ROOMS 12 AND 12A (SAMPLES B3-1 AND B3-3, RESPECTIVELY).

2. HA 44 (ACM MASTIC ON NON-ACM FITTING MUD INSULATION) PRESENT PIPING IN ROOMS 4 AND 12 (SAMPLES B3-4 AND B3-2, RESPECTIVELY). STRAIGHT RUNS OF THIS PIPING INSULATED WITH KRAFT-FACED FIBERGLASS. HA 44 LIKELY PRESENT AT OTHER LOCATIONS IN BUILDING.

SAMPLE LOCATION LEGEND

B3-1 Sample Locations/ No Asbestos Detected in Sample

B3-1 Sample Locations/ Asbestos Detected in Sample



NOT TO SCALE

BUILDING 3 – BASEMENT

SHEET 2: BUILDING 3 – BASEMENT

Safety Environmental Laboratories and Consulting, Inc.
SELC
989 Yeager Parkway
Pelham, AL 35124
(205) 823-6200 fax (205) 823-9066

PROJECT

3-YEAR ASBESTOS RE-INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1108

BUILDING 3
BASEMENT
SHEET 2 OF 4

ASBESTOS NOTES AND LEGEND:

ACM = ASBESTOS CONTAINING MATERIALS
VCT = VINYL COMPOSITION FLOOR TILE
NAD = NO ASBESTOS DETECTED / NOT ACM

1. HA 35 (ACM STEAM PIPE INSULATION) LIKELY PRESENT IN INACCESSIBLE AREAS, SUCH AS BUT NOT LIMITED TO, WALL AND CEILING CAVITIES.

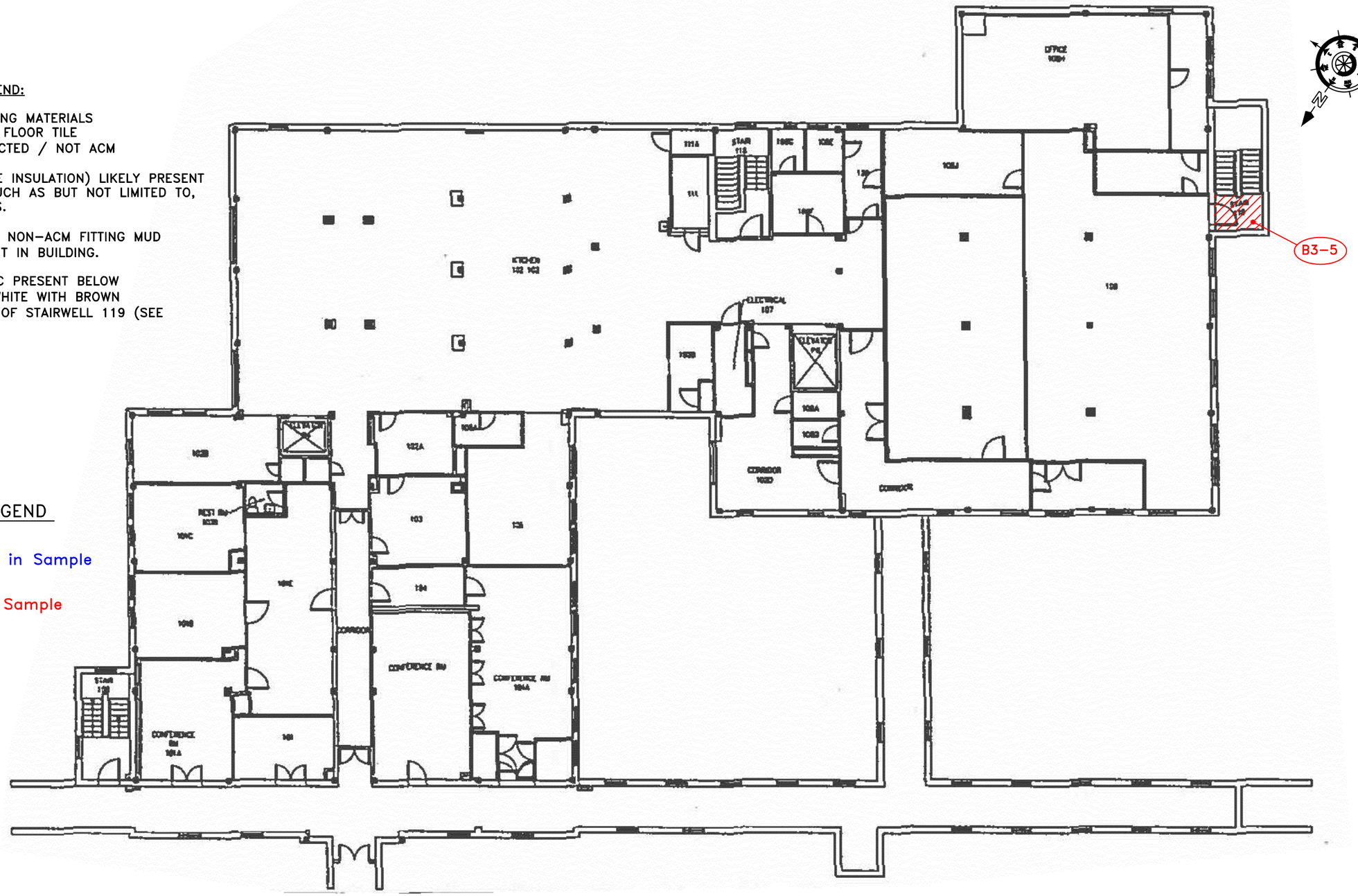
2. HA 44 (ACM MASTIC ON NON-ACM FITTING MUD INSULATION) LIKELY PRESENT IN BUILDING.

HA43 = ACM BLACK MASTIC PRESENT BELOW NON-ACM 12" VCT (OFF-WHITE WITH BROWN STREAKS) IN TOP LANDING OF STAIRWELL 119 (SEE SAMPLE B3-5).

SAMPLE LOCATION LEGEND

B3-1 Sample Locations/ No Asbestos Detected in Sample

B3-1 Sample Locations/ Asbestos Detected in Sample



NOT TO SCALE

BUILDING 3 – FIRST FLOOR

SHEET 3: BUILDING 3 – FIRST FLOOR

Safety Environmental Laboratories and Consulting, Inc.
989 Yeager Parkway
Pelham, AL 35124
(205) 823-6200 fax (205) 823-9066

PROJECT

3-YEAR ASBESTOS RE-INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1108

BUILDING 3
FIRST FLOOR
SHEET 3 OF 4

ASBESTOS NOTES AND LEGEND:

ACM = ASBESTOS CONTAINING MATERIALS
VCT = VINYL COMPOSITION FLOOR TILE
NAD = NO ASBESTOS DETECTED / NOT ACM

1. HA35 (ACM STEAM PIPE INSULATION) LIKELY PRESENT IN INACCESSIBLE AREAS, SUCH AS BUT NOT LIMITED TO, WALL AND CEILING CAVITIES.

2. HA44 (ACM MASTIC ON NON-ACM FITTING MUD INSULATION) LIKELY PRESENT IN BUILDING.

3. HA18 (ACM PARAPET WALL TAR) PRESENT ON FLAT ROOF.

4. HA20 (ACM FLEXIBLE DUCT CONNECTORS) PRESENT IN ATTIC SPACE ABOVE 2ND FLOOR OFFICE SPACE. TWO IN ATTIC.

5. NO SAMPLES COLLECTED ON SECOND FLOOR OR ATTIC. ATTIC DRAWING NOT PROVIDED. ATTIC SPACE LIMITED TO AREA OVER SECOND FLOOR OFFICES.

HA11 = ACM 12" VCT (OFF-WHITE WITH GREY) AND MASTIC.



NOT TO SCALE

BUILDING 3 – SECOND FLOOR

SHEET 4: BUILDING 3 – SECOND FLOOR

Safety Environmental Laboratories and Consulting, Inc.
SELC
989 Yeager Parkway
Pelham, AL 35124
(205) 823-6200 fax (205) 823-9066

PROJECT

3-YEAR ASBESTOS RE-INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1108

BUILDING 3
SECOND FLOOR
SHEET 4 OF 4

APPENDIX C-4
PLM Laboratory Reports

Safety Environmental Laboratories and Consulting, Inc.

Asbestos Bulk Sample Analysis Report

989 Yeager Pkwy.
Pelham, AL 35124

Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

Customer: **Safety Environmental Laboratories and Consulting, Inc.**
989 Yeager Parkway
Pelham, AL 35124

Telephone: **205-823-6200** Fax: **205-823-9066**

Sample Receipt Date: 08/04/2014
Sample Analysis Date: 08/06/2014
Sample Report Date: 08/07/2014

Project Name: **VAMC Tuscaloosa**
Project Location: **Building 3**

SELC Project #: **2014-1108**

Asbestos Identification in Bulk Materials by Polarized Light Microscopy

EPA/600/R-93/116 July 1993 – Method for the Determination of Asbestos in Bulk Building Materials

Note: See Attached Notes and Descriptions Sheet for Applicable Abbreviations and Notes

Customer Sample No.	Lab Sample No.	Sub-sample No.	Layer No.	Sample Location / Description	Homo-geneous (yes/no)	Asbestos % and Type	% Non-Asbestos Fibers	% Non-Fibrous Material
B3-1	9	N/A		Pipe Wrap and Insulation – Room 12				
			1	Wrap/Paint – Tan, Fibrous/Brittle **Unable to separate individual layers**	N	None Detected	65% Cellulose Fibers	35%
			2	Insulation – Off White, Fibrous	Y	10% Amosite 2% Chrysotile	None Detected	88%
B3-2	10	N/A		Pipe Fitting Wrap and Insulation – Room 12				
			1	Wrap/Mastic – Tan/Light Gray, Fibrous/Resinously Bound **Unable to separate individual layers**	N	3% Chrysotile	30% Fiberglass	67%
			2	Insulation – Gray, Granular/Fibrous	Y	None Detected	45% Mineral Wool	55%
B3-3	11	N/A		Pipe Wrap and Insulation – Room 12A				
			1	Wrap/Paint – Tan, Fibrous/Brittle **Unable to separate individual layers**	N	None Detected	65% Cellulose Fibers	35%
			2	Insulation – Off White, Fibrous	Y	10% Amosite 2% Chrysotile	None Detected	88%
B3-4	12	N/A		Pipe Fitting Wrap and Insulation – Room 4				
			1	Wrap/Mastic – Tan/Light Gray, Fibrous/Resinously Bound **Unable to separate individual layers**	N	5% Chrysotile	30% Fiberglass	65%

Carol Findlay
Analyst
Carol Findlay – Microscopy Manager

Brian Ray
Technical Review
Brian Ray – Asbestos Analyst

Carol Findlay
Quality Review
Carol Findlay – Microscopy Manager

Safety Environmental Laboratories and Consulting, Inc.

Asbestos Bulk Sample Analysis Report

989 Yeager Pkwy.
Pelham, AL 35124

Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

Customer: **Safety Environmental Laboratories and Consulting, Inc.**
989 Yeager Parkway
Pelham, AL 35124

Telephone: **205-823-6200** Fax: **205-823-9066**

Project Name: **VAMC Tuscaloosa**
Project Location: **Building 3**

SELC Project #: **2014-1108**

Sample Receipt Date: 08/04/2014
Sample Analysis Date: 08/06/2014
Sample Report Date: 08/07/2014

Asbestos Identification in Bulk Materials by Polarized Light Microscopy

EPA/600/R-93/116 July 1993 – Method for the Determination of Asbestos in Bulk Building Materials

Note: See Attached Notes and Descriptions Sheet for Applicable Abbreviations and Notes

Customer Sample No.	Lab Sample No.	Sub-sample No.	Layer No.	Sample Location / Description	Homo-geneous (yes/no)	Asbestos % and Type	% Non-Asbestos Fibers	% Non-Fibrous Material
			2	Insulation – Gray, Granular/Fibrous	Y	None Detected	45% Mineral Wool	55%
B3-5	13	N/A		Floor Tile and Mastic – Stair Landing 119				
			1	Floor Tile – White, Organically Bound	Y	None Detected	None Detected	100%
			2	Mastic – Black, Bituminous	Y	5% Chrysotile	None Detected	95%

☒ This report is **FINAL** ☐ This report is **PRELIMINARY** – pending final QC

Analyst
Carol Findlay – Microscopy Manager

Technical Review
Brian Ray – Asbestos Analyst

Quality Review
Carol Findlay – Microscopy Manager

989 Yeager Pkwy.
Pelham, AL 35124

Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

PLM Notes and Descriptions

1. Upper detection limit: 100%. Lower detection limit: <1%.
2. Bulk Samples will be stored for 3 months and will then be disposed of in an approved EPA landfill.
3. Analysis of floor tile or any other resinously bound materials by polarized light microscopy (PLM) using EPA Method 600/R-93/116 dated July 1993 may yield false-negative results because of method limitations in separating closely bound fibers from matrix material and in detecting fibers of small length and/or diameter. When analysis of such materials by the EPA PLM Method yields negative results for the presence of asbestos we recommend utilizing alternative methods of identification such as Gravimetry, XRD or AEM.
4. Samples are not homogenized by SELC prior to analysis. Distinct material layers within a sample are analyzed and reported separately by SELC. When multiple products are submitted by the customer under one sample number, SELC indicates those distinct products as sub-samples. SELC retains all samples numbers but will designate a sample number to those that are not given a sample number by the customer.
5. Percentages given are based on a visual estimated calibration.
6. Safety Environmental Laboratories and Consulting, Inc. is a NVLAP accredited laboratory, Lab Code: 200873-0 (ISO/IEC Standard 17025:2005 Compliant).
7. Results relate only to the samples tested. All tests were performed under the scope of SELC's NVLAP accreditation, unless indicated otherwise.
8. All samples were received in a condition suitable for analysis ("Good"), unless otherwise noted.
9. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.
10. Analytical Instrument: Olympus Polarized Light Microscope Series BH-2 Model BHT-002

Analyst	**Technical Review**	**Quality Review**
Carol Findlay – Microscopy Manager	Brian Ray – Asbestos Analyst	Carol Findlay – Microscopy Manager

Safety Environmental Laboratories and Consulting, Inc.

989 Yeager Pkwy.
Pelham, AL 35124
Phone: (205) 823-6200
Fax: (205) 823-9066

Environmental, Health, and Safety Solutions

SELC

Chain of Custody Form

Customer: Safety Environmental Labs and Consulting, Inc.
Address: 989 Yeager Parkway
Pelham, AL 35126
Phone: 205-823-6200 Fax: 205-823-9066
E-mail:

Project Number: 2014-1108
Project Name: VAMC Tuscaloosa
Project Location: Building 3
PO Number:
SELC Proj. #:

Sample Type
- ☐ Air
- ☒ Bulk
- ☐ Paint
- ☐ Soil
- ☐ Waste
- ☐ Other:

Asbestos Analysis
- ☐ Asbestos Air - PCM
- ☐ Asbestos Air - TEM
- ☒ PLM (EPA 600/R-93/116)
- ☐ PLM (EPA Point Count)
- ☐ Other:

Metals Analysis
- ☐ Total Conc. - Lead
- ☐ Total Conc. - RCRA 8-Metals
- ☐ TCLP - Lead
- ☐ TCLP - RCRA 8-Metals
- ☐ TCLP - Full (w/ organics)
- ☐ Other:

Turn-Around Time*
- ☐ Rush/Same Day†
- ☐ 24 Hours
- ☐ 48 Hours
- ☒ 3 Business Days
- ☐ 4 Business Days
- ☐ Other:

- Field blanks should be submitted with all samples -

** Some TAT not available for all tests. Must schedule rush organics, multi-metals, and weekend tests in advance*
† Same day not available after 2:00 PM

Sample #	Date Sampled	Sample Description (e.g. Employee Name, SSN, Bldg, Material)	Area Wiped (ft²)	Type ‡ A/B/P/E	Time of Sampling Start	Time of Sampling Stop	Flow Rate (L/min) Start	Flow Rate (L/min) Stop	Total Vol. (L)	SELC USE ONLY #	SELC USE ONLY Cond
B3-1	7/24/14	Pipe wrap + insulation - Room 12								9	G
B3-2	"	Pipe fitting wrap + insulation - Rm 12								10	"
B3-3	"	Pipe wrap + insulation - Room 12A								11	"
B3-4	"	Pipe Fitting wrap + insulation - Room 4								12	"
B3-5	"	Floor Tile + Mastic - Stair Landing 19								13	"

‡ A - Area, B - Blank, P - Personal, E - Excursion

Sampled By:
Signature
Elizabeth Hyde

Relinquished by: Signature	Date	Time	Received By: Signature	Date	Time
Elizabeth Hyde	8/4/14	12:45 pm	Betty Lindsey	8/4/14	1:10 pm

APPENDIX C-5
Photographic Documentation

Photographic Documentation – 3 Year Asbestos Re-inspection – Building 3



PHOTOGRAPH 1
HA 11 – ACM 12” VCT (off-white with grey streaks) and mastic. HA 11, photographed here in 2nd floor corridor, is in right of photograph. Non-ACM VCT near elevator in left of photograph.



PHOTOGRAPH 2
HA 18 (gray parapet wall tar) on main roof of Building 3.



PHOTOGRAPH 3
HA 20 – Flexible duct connectors (2) in attic.



PHOTOGRAPH 4
HA 43 – ACM Black mastic below non-ACM 12” VCT in top landing of Stairwell 119. Sample B3-1 collected from Stairwell 119.

Photographic Documentation – 3 Year Asbestos Re-inspection – Building 3



PHOTOGRAPH 5
HA 44 – ACM Mastic over non-ACM fitting insulation, as pictured on med-press steam pipe in Room 12. Sample B3-2 collected from elbow of this pipe.



PHOTOGRAPH 7
HA 35 – ACM Insulation on what appears to be a steam pipe in Room 12A. Sample B3-3 collected from this pipe.



PHOTOGRAPH 6
HA 35 – ACM Insulation on what appears to be a steam pipe in Room 12. Sample B3-1 collected from this pipe.



PHOTOGRAPH 8
HA 44 – ACM Mastic over non-ACM fitting insulation, on 10 fittings of what appears to be steam piping in Room 4. Darker looking piping within circle has HA 44. Lighter (white) piping appears newer. Sample B-3-4 collected from this area.

APPENDIX C-6
Estimated Asbestos Abatement Costs

BUILDING 3 ESTIMATED ASBESTOS ABATEMENT COSTS				
HA NUMBER(S)	**TYPE OF ACM**	**FRIABLE/ NON-FRIABLE**	**APPROXIMATE QUANTITY**	**ESTIMATED ABATEMENT COSTS**
11, 43	Vinyl composition floor tile and mastic	Non-Friable	1,950 square feet	$9,750
18	Roofing tar	Non-Friable	860 square feet	$4,300
20	Flexible duct connector	Friable	2 in attic	$400
35 (see Note 5)	Steam system pipe insulation	Friable	2 pipes observed, Rooms 12 and 12A, ~10 linear feet	$500
44 (see Note 5)	Mastic on non-ACM pipe fitting insulation	Friable	~ 12 fittings observed	$600

Notes:

1. HA = Homogeneous area
2. ACM = Asbestos containing material
3. NP = Not provided
4. Costs provided are general estimates for information purposes only. A complete and specific cost estimate should be obtained from Alabama accredited asbestos abatement contractors prior to any abatement project.
5. Quantity and cost estimates are provided only for observable ACM/homogeneous area. Cost estimates are not provided for inaccessible portions/quantities of a homogeneous group.

APPENDIX C-7
Additional VAMC Supplied Notes/Information

Attic flexible conducts

with ACM *

MV
03/25/14

Per Ken Mills

~~Bldg 2~~ - Rm 238 (NO ACM)

~~Bldg 3~~ - Attic (take STARS across from rm 213) (NO ACM)

~~Bldg 4~~ - Attic + ductwork replaced 1994 ~~NO ACM~~

Bldg 5 2 of 4

mech rm 5 X2 + rm 205 A + rm 102 (A)

Bldg 1 Above ceily / corridor in

near ~~2~~ Rm 120F (ACM?)

cont rm 235 above ceily (ACM?)

B-46 Chapel - duct flex "Canvas Connector"

B-40 1st fl + 2nd floor / canvas vs ACM

potential "hot spots" for ACM

(1) Bldg 2 electrical room 9/26/12 (Rm 20?)
(Near elevators) w/ FACP (Near credit union entrance)
(9" VAT)

Ask Donna Blackman

(2) Bldg 40 - Day Care (Rm 7) Storage ?
~~walls + pipe~~ flaking off (ACM? or lead pt.?)
(tip via EMS staff)

room on left at entrance lobby

(3) Bldg 40 above drop ceiling in Rm 101 (plaster w/ wire mesh)
via New Lawn in electric shop

(12)

(4) Bldg 3 - Rooms 12A - 13C - 13D - 13A - 14
(Exact bathroom) men's locker women's stairs
→ See floorplan/map Jenny Hixson

(5) B-17 Plumbing Shop Floor Tile?

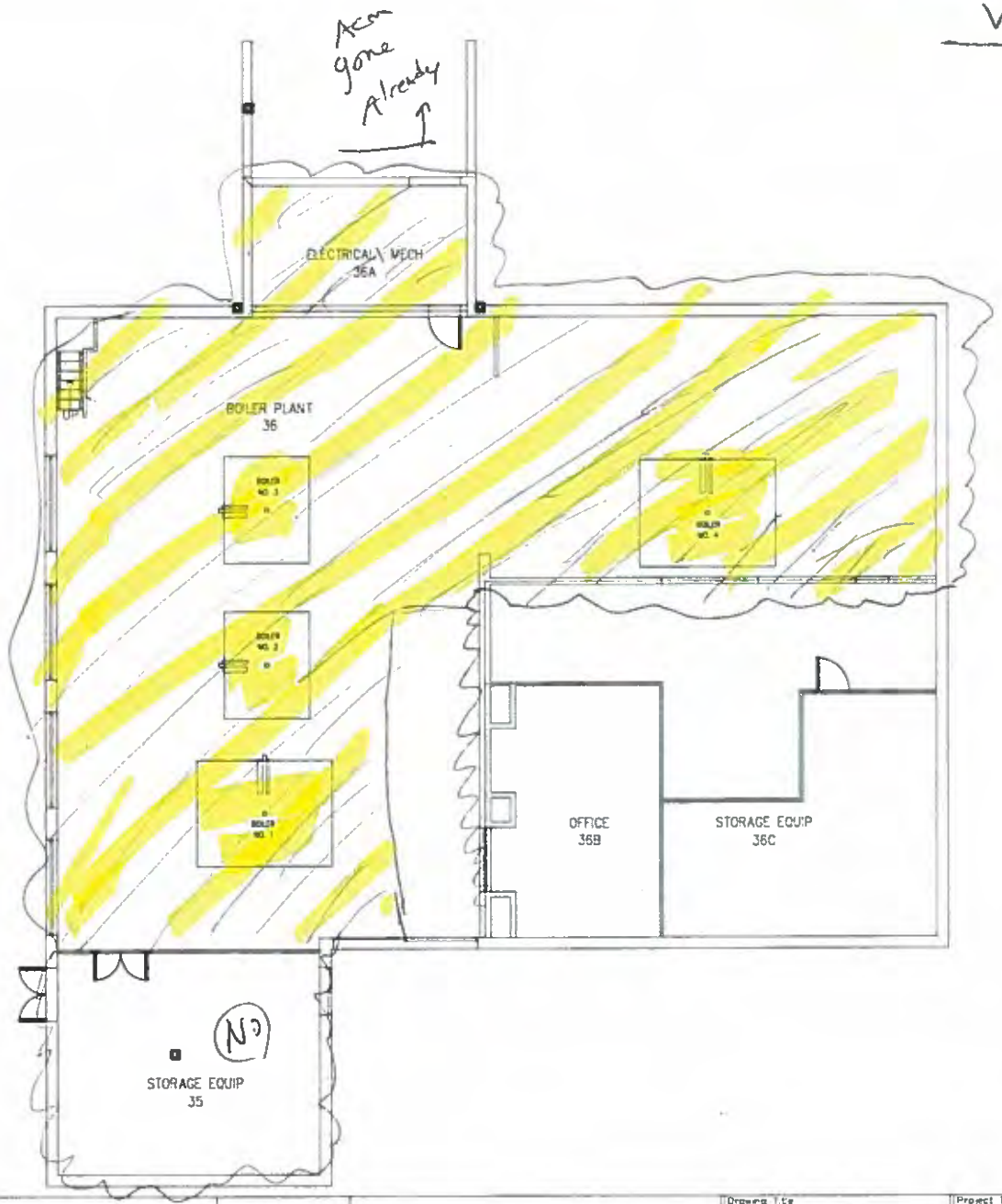
08/16/11

VA Boiler Project

679-07-113ES
679-09-124
679-09-119

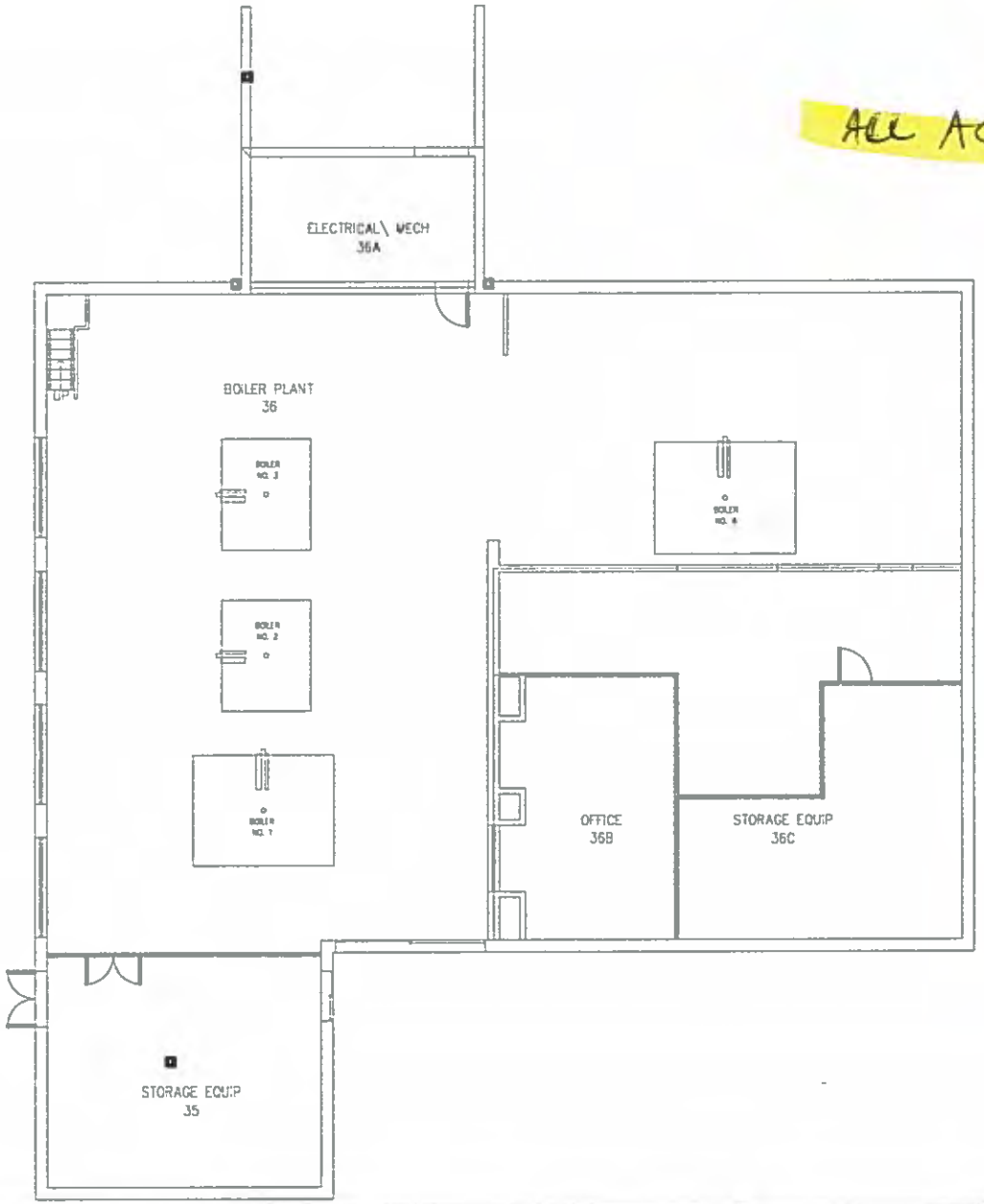
Asbestos abatement

All Boilers + Pipe TSI Removed



Indus Systems, Inc.
2352, Main Street, Concord MA 01742
Tel: 978-461-0555
www.indus-systems.com

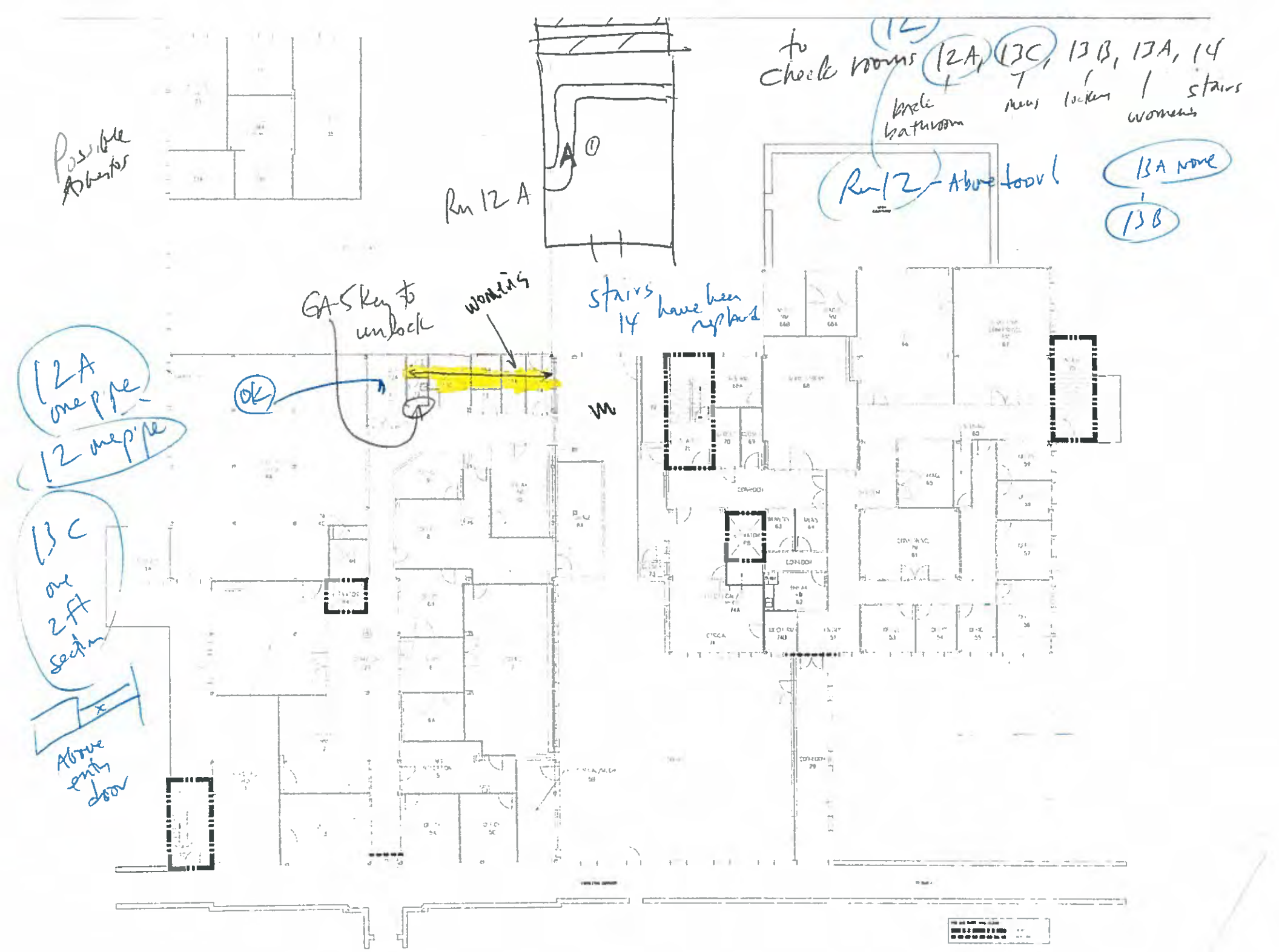
Drawing Title: SUBBASEMENT FLOOR PLAN ARCHITECTURAL
Project Title: AS-BUILT Drawings
Date: 02-26-2010
Project No.
Drawing No.
Approved.
Approved:
Building Number: 03
Checked
Drawn
Location: VAMC TUSCALOOSA
Revisions
Date
Professional Seal
VAMC, TUSCALOOSA
VA Department of Veterans Affairs

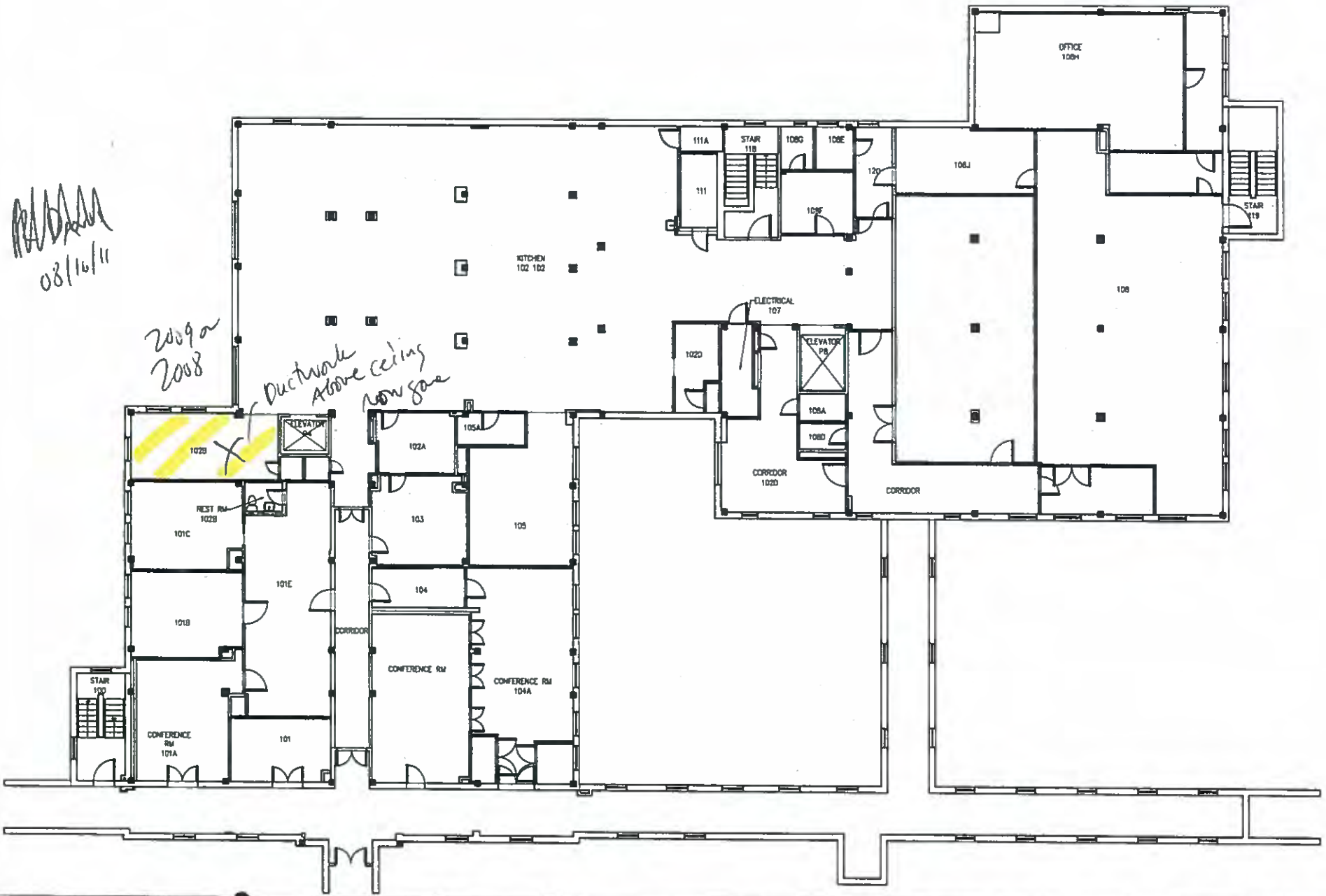


All ACM Removal from Boiler Plant Boilers + All associated piping in major project



Revisions / Date	Professional Seal	Indus Systems, Inc. 2352, Main Street, Concord VA 01742 Tel: 978-461-0555 www.indus-systems.com	Drawing Title: SUBBASEMENT FLOOR PLAN ARCHITECTURAL	Project Title: AS-BUILT Drawings	Date: 02-26-2010
			Approved:	Building Number: 03 / Checked / Drawn	Project No. / Drawing No.
			Approved:	Location: VAMC TUSCALOOSA	VAMC TUSCALOOSA / VA Department of Veterans Affairs


Possible Asbestos
Rm 12 A
A
1
to Check rooms
12
12A, 13C, 13B, 13A, 14
Male bathroom
Mens lockers
stairs
womens
Rm 12 - Above toilet
13A none
13B
GA-5 Key to unlock
working
OK
stairs 14 have been replaced
12A one pipe
12 one pipe
13C one 2ft section
Above entry door



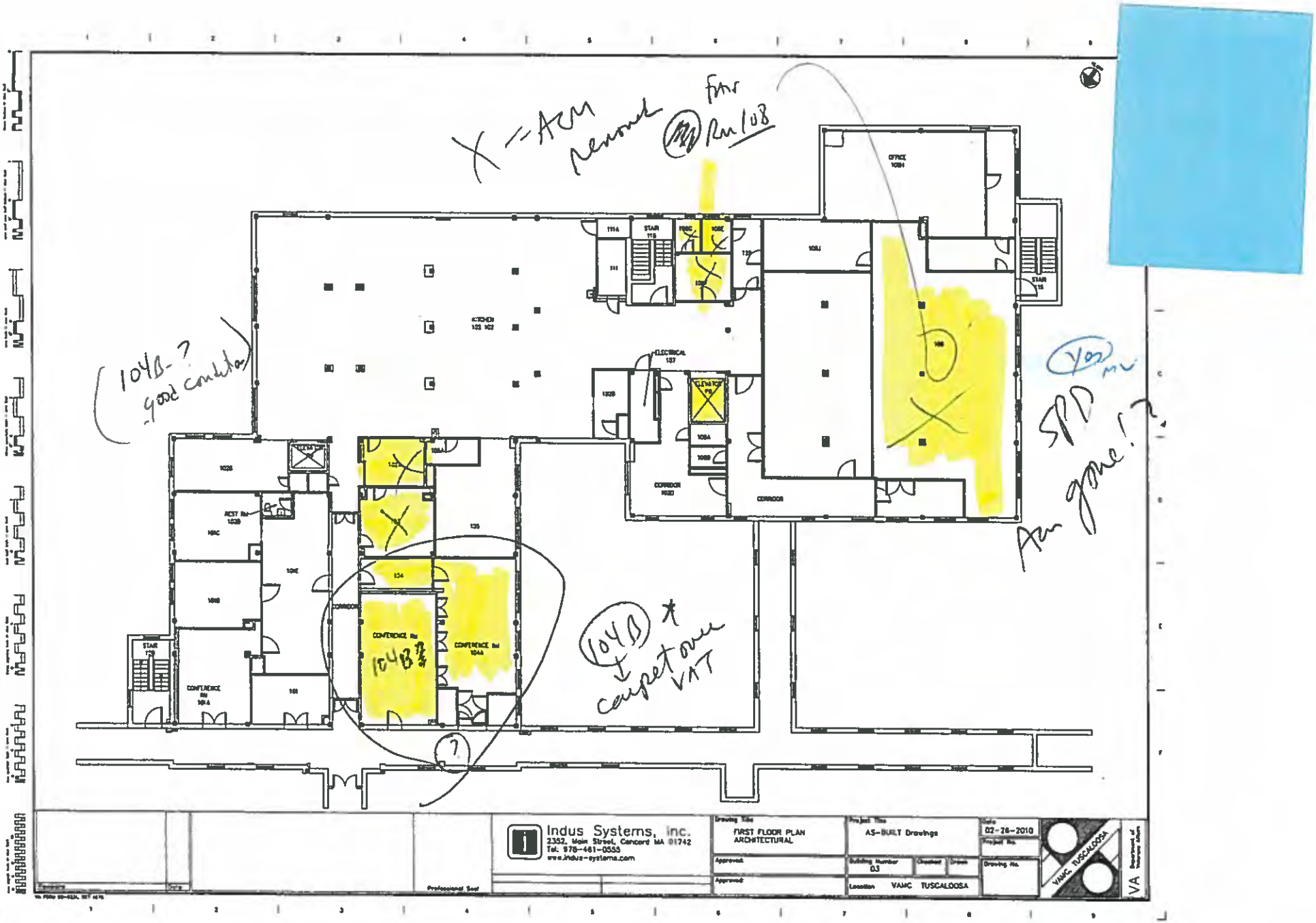
08/16/11

2009 or 2008

Ductwork Above ceiling new space

B-3
1st floor

Revisions / Date	Indus Systems, Inc. 2352, Main Street, Concord MA 01742 Tel: 978-461-0555 www.indus-systems.com	Drawing Title: FIRST FLOOR PLAN ARCHITECTURAL	Project Title: AS-BUILT Drawings	Date: 02-25-2010	VAMC TUSCALOOSA Department of Veterans Affairs
		Approved:	Building Number: 03	Checked / Drawn	Project No.
		Approved:	Location: VAMC TUSCALOOSA		Drawing No.


X = ACM removed
Fmr Rm 108
(104B - ? good condition)
104B ↑ carpet over VAT
STD Am gone!?
CONFERENCE Rm 104B 3/4
CONFERENCE Rm 104A
CONFERENCE Rm 104
OFFICE 108H
KITCHEN 102 102
ELECTRICAL 137
CORRIDOR 1020
CORRIDOR
STAIR 113
STAIR 115
Indus Systems, Inc.
2352, Main Street, Concord MA 01742
Tel. 978-461-0555
www.indus-systems.com
FIRST FLOOR PLAN ARCHITECTURAL
AS-BUILT Drawings
02-26-2010
Building Number 03
Location VAMC TUSCALOOSA
VAMC, TUSCALOOSA
VA

Bldg (3) (Second floor)

OIT

In Attic ACM on Flexible duct connector



APPENDIX D

BUILDING 4
AUDITORIUM



INCLUDED IN APPENDIX D:

D-1 – Annual Asbestos Re-inspection Documentation

D-2 – Homogeneous Area / Sample Summary Table

D-3 – Sample/ACM Location Plans

D-4 – PLM Laboratory Reports

D-5 – Photographic Documentation

D-6 – Estimated Asbestos Abatement Costs

D-7 – Additional VAMC Supplied Notes/Information

APPENDIX D-1
Annual Asbestos Re-inspection Documentation

BUILDING 4 HOMOGENEOUS AREA LIST

HA 01 = 12" x 12" FLOOR TILE (BROWN / OFF-WHITE)
HA 01A = 12" YELLOW AND ORANGE TILE AND BROWN MASTIC PRESENT OVER HA01 - NAD
HA 02 = 12" X 12" FLOOR TILE (MULTI-BROWN) - REMOVED
HA 03 = 9" X 9" FLOOR TILE (YELLOW)
HA 04 = LINOLEUM (PURPLE) - REMOVED
HA 05 = 9" X 9" FLOOR TILE (BLACK) - REMOVED
HA 06 = 9" X 9" FLOOR TILE (BURGUNDY AND BROWN ALTERNATING) - REMOVED
HA 07 = 9" X 9" FLOOR TILE (WHITE)
HA 08 = CEILING TILE (2' X 2' – GROOVE) - NAD
HA 09 = CEILING TILE (2' X 2' – CORRUGATED) - NAD
HA 10 = CEILING TILE (2' X 2' – WHITE) - NAD
HA 11 = CEILING TILE (2' X 4' – GROOVE AND PINHOLE) – NAD
HA 12 = PIPE INSULATION – MAGNESIA TYPE (STEAM PIPING)
HA 13 = FLEXIBLE DUCT CONNECTOR
HA 14 = ROOFING TAR
HA 15 = ROOFING FELT (ROOF) - NAD
HA 16 = 12" X 12" FLOOR TILE (GREY) - REMOVED
HA 17 = DOWNSPOUT TAR
HA 18 = PIPE INSULATION – CARDBOARD TYPE
HA 19A = 1" X 1" CEILING TILES – NAD
HA 19B = RED/BROWN ADHESIVE/GLUE DOTS USED TO SECURE HA 19A
HA 20 = WHITE HVAC DUCT SEAM TAPE
HA 21 = BROWN HAVE DUCT SEAM MASTIC - NAD
HA 22 = WHITE MASTIC (ACM) OVER NON-ACM INSULATION ON ROOF DRAIN PIPING
HA 23 = BLACK FLOORING MASTIC

HA = HOMOGENEOUS AREA
HA = ASBESTOS CONTAINING MATERIAL
NAD = NO ASBESTOS DETECTED
HA (ITALICIZED) = IDENTIFIED BY SELC DURING 2014 RE-INSPECTION. OTHER HOMOGENEOUS AREAS IDENTIFIED DURING PREVIOUS RE-INSPECTIONS/INSPECTIONS BY OTHER CONSULTANTS.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 4 Homogeneous Area #: 01 Date: 7/24/14
Description: Floor tile, 12" x 12" (brown/off-white) Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Present below one layer non-ACM VCT and carpet in Rooms 2, 2A, 2B, 2C, 2G, 2H. See samples B4-7 and B4-8 (2% Chrysotile in lower layer of VCT). See HA 01A for upper layer of VCT. Good condition - ~ 1,300 ft^2. New 12" VCT in Corridor 12. Carpet over concrete in Room 7 and connecting offices 7A, 7D-F. Concrete floor in Rooms 7C and 7D. New 12" VCT in Rooms 1 and 8, but ACM black mastic present below new tile (see HA 23).

2009 Inspection Note: No comment/information.

2002 Inspection Note: ACM/ACE with potential for damage. Removed 2, 2A, 2B, 2C, 2G, 2H, 7, 7A-1, 7B, and connecting corridor 12. No mention of Room 1 or 8.

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 1, 2, 2A-2C, 2G, 2H, 7, 7A-1, 7B, 7C and 8 (3070 sf)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 4 Homogeneous Area #: 01A Date: 7/24/14
Description: Floor tile, 12" x 12" (orange and yellow) and brown mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Present between carpet and lower layer of ACM tile (HA01) in Rooms 2, 2A, 2B, 2C, 2G, 2H. See samples B4-7 and B4-8 (no asbestos detected in upper tile and mastic layer). However, all layers of flooring in these rooms should be treated as ACM as they cannot be separated from HA01 or carpet. Good condition - ~ 1,300 ft^2.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 4 Homogeneous Area #: 02 Date: 7/24/14
Description: Floor tile, 12" x 12" (multi-brown) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Room 7A carpeted. Corridor 11 has concrete floors.

2009 Inspection Note: N/A

2002 Inspection Note: Removed from 11 and 7A.

1991 Inspection Note: ACM/ACE with potential for damage. Connecting corridor 11 and Room 7a (1800 sf)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 4 Homogeneous Area #: 03 Date: 7/24/14
Description: Floor tile, 9" x 9" (yellow) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Tile and black mastic present below carpet in corridor to Rooms 2D and 2E. Good condition, ~ 60 ft^2. See sample B4-9 (3% Chrysotile in VCT and 5% Chrysotile in black mastic)

2009 Inspection Note: N/A

2002 Inspection Note: Removed from corridor between 2D and 2E

1991 Inspection Note: ACM/ACE with potential for damage. Corridor to Rooms 2D and 2E (165 sf)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 4 Homogeneous Area #: 04 Date: 7/ /14
Description: Linoleum (grey) Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Floor of Room 5 is now finished with new 12" VCT. Floor of Room 106 is finished with 2'x2' brown, thick non-skid vinyl mats over concrete and terrazzo. Stairs are finished with tread and riser material similar to that in Room 106.

2009 Inspection Note: No asbestos detected. Rooms 4 and 105, now have ceramic tiles. Connecting stairs now have beige linoleum.

2002 Inspection Note: ACM/ACE with potential for damage. Room 5, 106, and connecting stairs.

1991 Inspection Note: ACM/ACE with potential for damage. Room 5 (165 sf) / Room 106 (160 sft)

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 4 Homogeneous Area #: 05 Date: 7/24/14
Description: 9" x 9" Floor tile (black) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Now has new 12" cream/beige VCT.

2009 Inspection Note: No comment/info.

2002 Inspection Note: No comment/info.

1991 Inspection Note: ACM/ACE with potential for damage. Room 6 (35 sf)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 4 Homogeneous Area #: 06 Date: 7/24/14
Description: 9" x 9" Floor tile (burgundy & brown alternating) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed per 2002 report. Rooms now have new 12" VCT.

2009 Inspection Note: N/A

2002 Inspection Note: Drawing indicates all removed.

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 102, 103, 103A, 104, 104A (335 sf)

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 4 Homogeneous Area #: 07 Date: 7/24/14
Description: 9" x 9" Floor tile (white) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
__X__ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
(4)	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Present in 201, 201A, and mezzanine corridor outside rooms 201 and 201A. Fair to poor condition. ~ 350 ft^2. Removed from Room 109.

2009 Inspection Note: ACM/ACE with potential for damage. Rooms 201 and 201A - fair condition

2002 Inspection Note: ACM/ACE with potential for damage. Rooms 201 and 201A - good condition. Drawing indicates removed from Room 109.

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 109, 201, 201A

Recommendation Response Action (circle applicable actions)

(O&M) *(Remove/Enclose/Encapsulate)* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 4 Homogeneous Area #: 12 Date: 7/24/14
Description: Pipe insulation (magnesia-type) steam piping Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
__X__ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
(3)	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Per VAMC personnel, asbestos containing TSI has removed as needed since early 1990s in accessible chases, basement, attic, and crawlspaces as needed. Newer kraft-faced, fiberglass, hard foam, or calcium silicate insulation observed by SELC in accessible chases, and/or generally above ceiling tiles. Reportedly removed from pipe basement. Removed from above ceiling in first floor bathrooms and adjacent stair landing. HA 12 also not present/observed in mechanical room 9, 7C, 201, or 201A. Presumed present in inaccessible portions of buildings (wall cavities).

2009 Inspection Note: Generally present throughout building

2002 Inspection Note: Generally same / throughout building

1991 Inspection Note: Damaged or significantly damaged TSI ACM or ACE. Steam piping in pipe basement (500 LF), ground floor (200 LF - inaccessible), 1st floor (15 LF - inaccessible)

Recommendation Response Action (circle applicable actions)

(*O&M*) (*Remove/Enclose/Encapsulate*) *Evacuate/Restrict*

Explain: Manage in place when encountered, until such time as practical to remove. Remove or encapsulate as needed/encountered during renovation/repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 4 Homogeneous Area #: 13 Date: 7/24/14
Description: Flexible duct connector Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
__X__ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
(3)	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: One old/ACM flexible duct connector in Mechanical Room 9; confirmed by sample B4 (50% chrysotile). Two rubber/vinyl duct connectors in Room 9, 7C, 201, 201A. No flexible duct connectors observed in attic.

2009 Inspection Note: ACM or ACE with potential for damage. Attic - no access. Prior inspections stated the material was in good to fair condition.

2002 Inspection Note: Any remaining friable ACM or ACE. Attic. Good to fair condition.

1991 Inspection Note: Any remaining friable ACM or friable suspected ACM or ACE. Room 7C (mechanical room) and attic – 3 each

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 4 Homogeneous Area #: 14 Date: 7/24/14
Description: Roofing tar (parapet only) Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Tar on parapet walls. Good condition. Flat roofs of Building 4 were not replaced as part of recent major roof replacement at Buildings 1-5.

2009 Inspection Note: Not assessed / outside scope of work

2002 Inspection Note: ACM or ACE with potential for damage. Parapet only. Good condition.

1991 Inspection Note: Any remaining friable ACM or friable suspected ACM or ACE. Roof (200 sf)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 4 Homogeneous Area #: 16 Date: 7/24/14
Description: 12" x 12" Floor tile (grey) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed. Carpet over wood subfloor in Room 101. New 12" cream/beige 12" VCT in Room 101A. Alternating black and white 12" VCT in Rooms 107, 108.

2009 Inspection Note: N/A

2002 Inspection Note: Drawing indicates all removed.

1991 Inspection Note: ACM or ACE with potential for damage – Rooms 101, 101A, 107, 108 (3,250 sf)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 4 Homogeneous Area #: 17 Date: 7/24/14
Description: Downspout tar Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
(3)	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Exterior of building, associated with downspouts of flat roofs. Downspout joints (2 each, and one cast iron downspout extending into ground). Generally in fair to poor condition. HA 17 on downspouts of main building reportedly abated.

2009 Inspection Note: Not assessed / outside scope of work

2002 Inspection Note: ACM or ACE with potential for damage. Exterior of building. Good condition.

1991 Inspection Note: ACM or ACE with potential for damage. Downspout joints (2 each)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 4 Homogeneous Area #: 18 Date: 7/24/14
Description: Pipe insulation (cardboard-type) Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
__X__ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
(3)	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Per VAMC personnel, asbestos-containing TSI removed as needed since early 1990s in accessible chases, basement, attic, and crawlspaces as needed. Newer kraft-faced, fiberglass, or foam insulation observed by SELC in accessible chases, and/or generally above ceiling tiles. Reportedly removed from pipe basement. Removed from above ceiling in first floor bathrooms and adjacent stair landing. HA 18 also not present/observed in mechanical room 9, 7C, 201, or 201A. Presumed present in inaccessible portions of buildings (wall cavities).

2009 Inspection Note: Generally present throughout building

2002 Inspection Note: Generally same / throughout building

1991 Inspection Note: Damaged or significantly damaged TSI ACM or ACE. Crawlspace in pipe basement (260 LF), inside wall chases on ground floor (560 LF)

Recommendation Response Action (circle applicable actions)

(*O&M*) (*Remove/Enclose/Encapsulate*) *Evacuate/Restrict*

Explain: Manage in place when encountered, until such time as practical to remove. Remove or encapsulate as needed/encountered during renovation/repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 4 Homogeneous Area #: 19A Date: 7/24/14
Description: 1' x 1' Ceiling tile Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Affixed with HA 19B to plaster ceiling on first floor ceiling and mezzanine ceiling. No asbestos detected in three samples collected by SELC in January 2013 by SELC for the VAMC Tuscaloosa. (SELC Job # 2013-0035, report dated January 9, 2013).

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 4 Homogeneous Area #: 19B Date: 7/24/14
Description: Red / brown adhesive/glue dots Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
(3)	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Affixed to plaster ceiling on first floor ceiling and mezzanine ceiling. Used to adhere 1' x 1' ceiling tiles (non-ACM HA 19A) to plaster ceiling. Asbestos (5% chrysotile) detected in three samples collected by SELC in January 2013 by SELC for the VAMC Tuscaloosa. (SELC Job # 2013-0035, report dated January 9, 2013).

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 4 Homogeneous Area #: 20 Date: 7/24/14
Description: Duct seam tape Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
__X__ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
(3)	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: White/off-white HVAC duct tape/cloth applied to seams of externally un-insulated, round and square metal ductwork in attic (~ 22 seams). Also likely in other inaccessible areas. Asbestos (55% chrysotile) detected in samples B4-1 and B4-2.Also likely in inaccessible portions of the building.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 4 Homogeneous Area #: 21 Date: 7/24/14
Description: Duct mastic (brown) Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Brown mastic applied to seams of externally un-insulated, square metal HVAC ductwork in Rooms 201 and 201A, and attic (~ 75 seams). No asbestos detected in samples B4-3 or B4-4.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 4 Homogeneous Area #: 22 Date: 7/24/14
Description: Pipe fitting mastic and mud insulation (hard) Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
__X__ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
(3)	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Off-white; mastic (ACM) over hard mud insulation (non-ACM) on fittings (6) of roof drain piping in mechanical room 7C. Straight runs of roof drain piping are insulated with kraft-faced fiberglass insulation. Good to fair condition. May also be present in other inaccessible areas of building. See sample B4-5 – 2% Chrysotile in mastic, no asbestos detected in insulation.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove* (*Enclose*) *Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities. It would be prudent to cover elbows with plastic to avoid damage.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 4 Homogeneous Area #: 23 Date: 7/30/14
Description: Black flooring mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Rooms 1 and 8 – fair condition, ~ 100 ft^2. Area exposed on Room 8. See sample B4-10 (5% chrysotile in black mastic).

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

(*O&M*) (*Remove/Enclose/Encapsulate*) *Evacuate/Restrict*

Explain: Area of black mastic exposed on Room 8; remove or encapsulate. Maintain in place below new 12" VCT until impacted by renovation or repair.

APPENDIX D-2
Homogeneous Area / Sample Summary Table

HOMOGENEOUS AREA / SAMPLE SUMMARY TABLE PROJECT: 2014-1108 – BUILDING 4					
HOMG. AREA (HA#)	**HOMOGENEOUS AREA (HA) DESCRIPTION & LOCATION**	**HA TYPE (AHERA) EPA/OSHA CATG. (IF ACM) CONDITION (IF ACM)**	**SAMPLE NO.**	**ASBESTOS CONTENT**	**SAMPLE LOCATION**
01**	**12" x 12" Vinyl composition floor tile (off-white/brown) and black mastic present below carpet AND newer layer of 12" VCT (orange and yellow) and brown mastic – See HA 01A - in Rooms 2, 2a, 2b, 2c, 2g, 2h.**	**Miscellaneous ACM NESHAP Category 2 Non-Friable ACM OSHA Class II Work Intact**	**B4-7 (bottom)**	**2% Chrysotile in Tile**	**Room 2**
			B4-8 (bottom)	None Detected in Mastic	**Room 2B**
01A	12" VCT (orange and yellow) present between carpet and HA 01 in Rooms 2, 2a, 2b, 2c, 2g, 2h.	Miscellaneous Material Not ACM	B4-7 (top layer)	None Detected in tile or mastic	Room 2
			B4-8 (top layer)		Room 2B
03**	**VCT and black mastic below carpet in Room 2DA.**	**Miscellaneous ACM NESHAP Category 2 Non-Friable ACM OSHA Class II Work Intact**	**B4-9**	**3% Chrysotile in Tile 5% Chrysotile in Mastic**	**Room 2Da**
13**	**Woven fabric-like flexible duct connector (1) in mechanical room 9.**	**Miscellaneous ACM NESHAP Friable ACM OSHA Class I Work Fair Condition**	**B4-6**	**50% Chrysotile**	**Room 9.**
20	**HVAC Duct seam tape (white, soft) applied to seams of externally un-insulated HVAC ductwork in attic (~22 seams). May also be located in other inaccessible areas.**	**Miscellaneous ACM NESHAP Friable ACM OSHA Class I Work Fair Condition**	**B4-1**	**55% Chrysotile**	**Attic**
			B4-2		**Attic**
21	HVAC Duct seam mastic (brown) applied to seams of externally un-insulated HVAC ductwork in attic and mezzanine rooms 201 and 201A (~75 seams)	Miscellaneous Material Not ACM	B4-3	None Detected	Room 201
			B4-4	None Detected	Attic

HOMOGENEOUS AREA / SAMPLE SUMMARY TABLE PROJECT: 2014-1108 – BUILDING 4					
HOMG. AREA (HA#)	**HOMOGENEOUS AREA (HA) DESCRIPTION & LOCATION**	**HA TYPE (AHERA) EPA/OSHA CATG. (IF ACM) CONDITION (IF ACM)**	**SAMPLE NO.**	**ASBESTOS CONTENT**	**SAMPLE LOCATION**
22	**Mastic over hard fitting mud insulation on ~ 6 fittings of roof drain piping in mechanical room 7C. Straight runs of this piping are insulated with fiberglass. HA 22 may also be present in other inaccessible areas.**	**Miscellaneous Material on non-ACM TSI NESHAP Category 2 Non-Friable ACM OSHA Class II Work Fair condition**	**B4-5**	**2% Chrysotile in mastic** None detected in insulation	**Room 7C**
23	**Black mastic exposed in a small area of Room 8, and present below new VCT in Rooms 1 and 8.**	**Miscellaneous ACM NESHAP Category 2 Non-Friable ACM OSHA Class II Work Intact**	**B4-10**	**5% Chrysotile**	**Room 8**
END OF TABLE					

Notes: 1. ** = Homogeneous area # previously identified by others.

2. If not demarked with an **, this is a new homogeneous area identified by SELC during this re-inspection

APPENDIX D-3
Sample/ACM Location Plans

ACM LEGEND:

ACM = ASBESTOS CONTAINING MATERIAL
VCT = VINYL COMPOSITION TILE
NAD = NO ASBESTOS DETECTED / NO ACM

HA01 – ACM VCT BELOW ONE LAYER OF NON–ACM VCT AND MASTIC (HA 01A) AND CARPET.

HA03 – 9" VCT AND MASTIC BELOW CARPET.

HA23 – BLACK MASTIC ON FLOOR (EXPOSED) AND BELOW NEW 12" VCT.

ASBESTOS NOTES:

ACM = ASBESTOS CONTAINING MATERIALS

1. HA 12 (ACM STEAM PIPE INSULATION) AND HA 18 (ACM DOMESTIC WATER PIPE INSULATION) LIKELY PRESENT IN INACCESSIBLE AREAS, SUCH AS BUT NOT LIMITED TO, WALL AND CEILING CAVITIES.

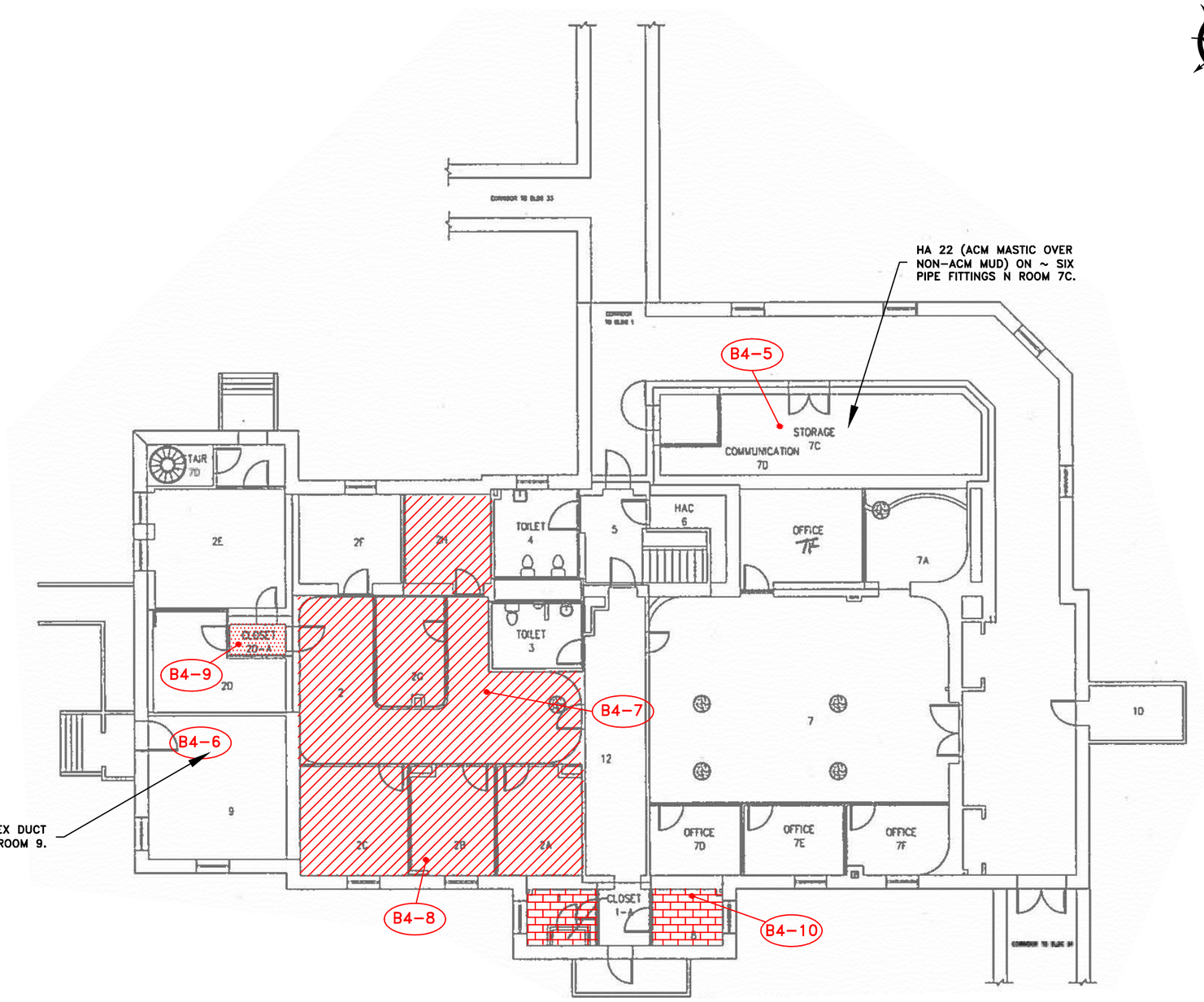
2. HA 22 (ACM MASTIC ON NON–ACM FITTING MUD INSULATION) PRESENT ON ~ SIX FITTINGS OF ROOF DRAIN PIPING IN MECHANICAL ROOM 7C. HA 22 LIKELY PRESENT AT OTHER LOCATIONS IN BUILDING.

3. HA 17 (ACM DOWN SPOUT TAR) PRESENT ON EXTERIOR OF BUILDINGS, ON OLDER DOWN SPOUTS ON UPPER LEVEL ROOFS.

SAMPLE LOCATION LEGEND

B4–1 Sample Locations/ No Asbestos Detected in Sample

B4–1 Sample Locations/ Asbestos Detected in Sample



NOT TO SCALE

BUILDING 4 – GROUND LEVEL

SHEET 1: BUILDING 4 – GROUND LEVEL	Safety Environmental Laboratories and Consulting, Inc. 989 Yeager Parkway Pelham, AL 35124 (205) 823–6200 fax (205) 823–9066	PROJECT 3–YEAR ASBESTOS RE–INSPECTION VAMC TUSCALOOSA 3701 LOOP ROAD TUSCALOOSA, ALABAMA 35404 SELC PROJECT NO.: 2014–1108	BUILDING 4 GROUND LEVEL SHEET 1 OF 3

ASBESTOS NOTES:

ACM = ASBESTOS CONTAINING MATERIALS

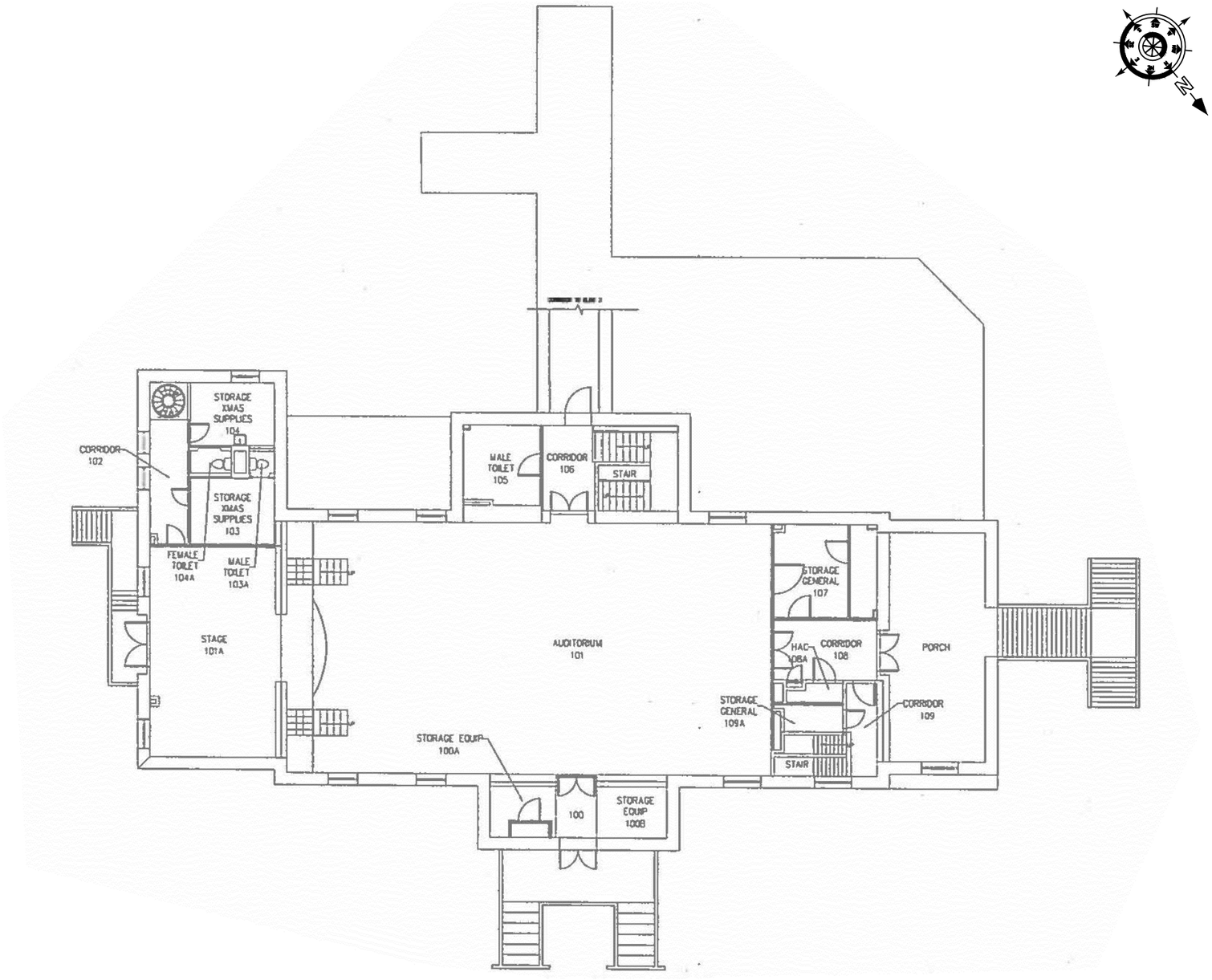
1. HA 12 (ACM STEAM PIPE INSULATION) AND HA 18 (ACM DOMESTIC WATER PIPE INSULATION) LIKELY PRESENT IN INACCESSIBLE AREAS, SUCH AS BUT NOT LIMITED TO, WALL AND CEILING CAVITIES.

2. HA 20 (ACM DUCT SEAM TAPE) AND HA 22 (ACM MASTIC ON ROOF DRAIN PIPING) LIKELY PRESENT IN VISUALLY INACCESSIBLE AREAS (ABOVE CEILING TILES, IN WALL CAVITIES, ETC.) OF THE BUILDING.

3. HA 17 (ACM DOWN SPOUT TAR) PRESENT ON EXTERIOR OF BUILDINGS, ON OLDER DOWN SPOUTS ON UPPER LEVEL ROOFS.

4. HA 19B (ACM ADHESIVE USED TO ATTACH CEILING TILES TO CEILING) PRESENT THROUGHOUT FIRST FLOOR AND MEZZANINE.

5. NO SAMPLES COLLECTED FROM FIRST FLOOR.



NOT TO SCALE

BUILDING 4 – FIRST FLOOR

SHEET 2: BUILDING 4 – FIRST FLOOR	Safety Environmental Laboratories and Consulting, Inc. 989 Yeager Parkway Pelham, AL 35124 (205) 823-6200 fax (205) 823-9066	PROJECT 3-YEAR ASBESTOS RE-INSPECTION VAMC TUSCALOOSA 3701 LOOP ROAD TUSCALOOSA, ALABAMA 35404 SELC PROJECT NO.: 2014-1108	BUILDING 4 FIRST FLOOR SHEET 2 OF 3

ACM LEGEND:

ACM = ASBESTOS CONTAINING MATERIAL
VCT = VINYL COMPOSITION TILE
NAD = NO ASBESTOS DETECTED / NO ACM

HA07 – ACM 9" VCT AND BLACK MASTIC.

ASBESTOS NOTES:

ACM = ASBESTOS CONTAINING MATERIALS

1. HA 12 (ACM STEAM PIPE INSULATION) AND HA 18 (ACM DOMESTIC WATER PIPE INSULATION) LIKELY PRESENT IN INACCESSIBLE AREAS, SUCH AS BUT NOT LIMITED TO, WALL AND CEILING CAVITIES.

2. HA 20 (ACM DUCT SEAM TAPE) PRESENT IN ATTIC.

3. HA 22 (ACM MASTIC ON ROOF DRAIN PIPING) LIKELY PRESENT IN VISUALLY INACCESSIBLE AREAS (ABOVE CEILING TILES, IN WALL CAVITIES, ETC.) OF THE BUILDING.

4. HA 17 (ACM DOWN SPOUT TAR) PRESENT ON EXTERIOR OF BUILDINGS, OLDER DOWN SPOUTS ON UPPER LEVEL ROOFS.

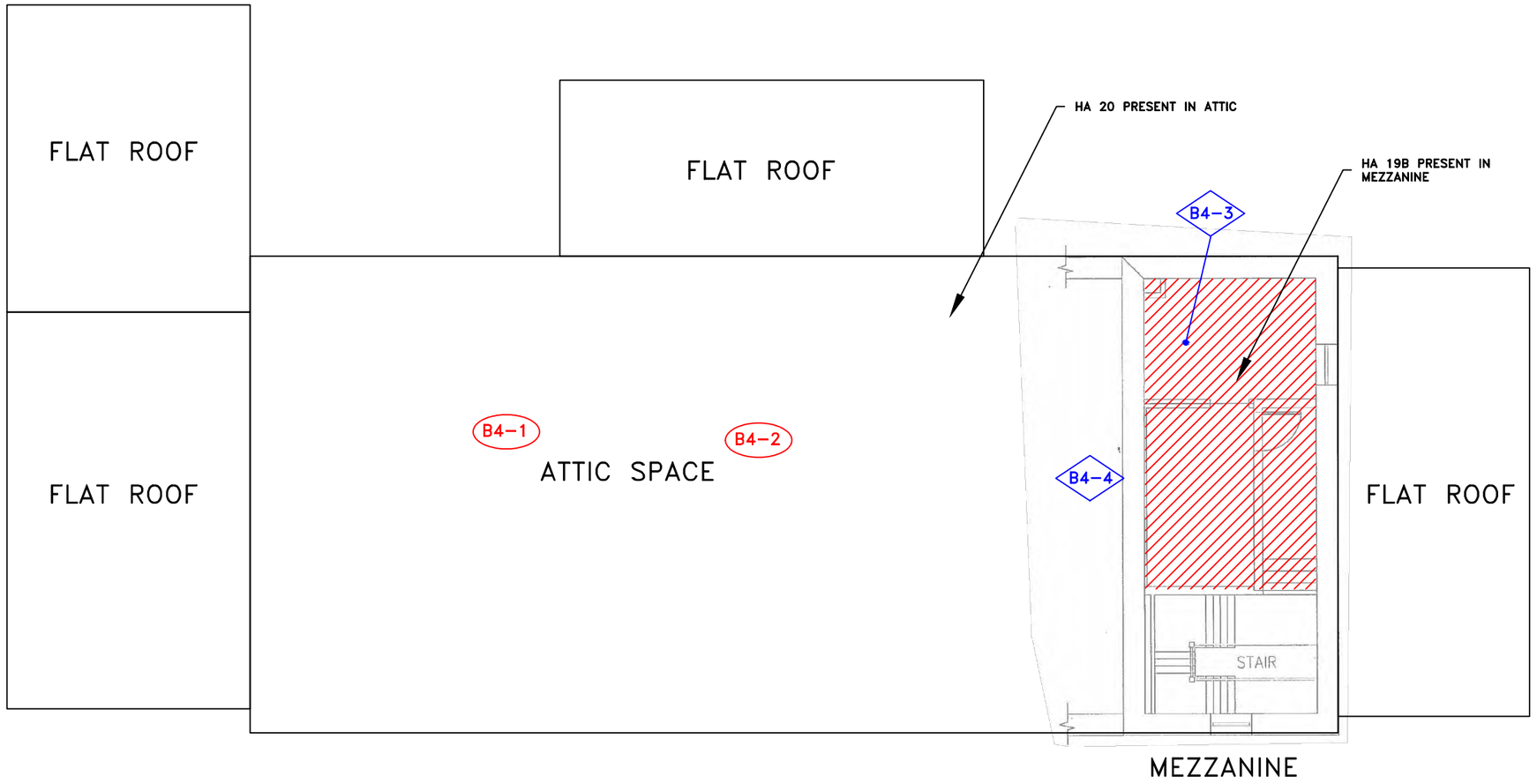
5. HA 19B (ACM ADHESIVE USED TO ATTACH CEILING TILES TO CEILING) PRESENT IN MEZZANINE ROOMS.

5. HA 14 (ACM TAR ON PARAPET WALLS) PRESENT ON FLAT ROOFS.

SAMPLE LOCATION LEGEND

B4–1 Sample Locations/ No Asbestos Detected in Sample

B4–1 Sample Locations/ Asbestos Detected in Sample



NOT TO SCALE

BUILDING 4 – MEZZANINE AND ATTIC

SHEET 3: BUILDING 4 – MEZZANINE AND ATTIC

Safety Environmental Laboratories and Consulting, Inc.
989 Yeager Parkway
Pelham, AL 35124
(205) 823–6200 fax (205) 823–9066

PROJECT

3–YEAR ASBESTOS RE–INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404
SELC PROJECT NO.: 2014–1108

BUILDING 4
MEZZANINE & ATTIC
SHEET 3 OF 3

APPENDIX D-4
PLM Laboratory Reports

Safety Environmental Laboratories and Consulting, Inc.

Asbestos Bulk Sample Analysis Report

989 Yeager Pkwy.
Pelham, AL 35124

Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

Customer: **Safety Environmental Laboratories and Consulting, Inc.**
989 Yeager Parkway
Pelham, AL 35124

Telephone: **205-823-6200** Fax: **205-823-9066**

Sample Receipt Date: 08/07/2014
Sample Analysis Date: 08/11/2014
Sample Report Date: 08/12/2014

Project Name: **VAMC Tuscaloosa**
Project Location: **Building 4**

SELC Project #: **2014-1108**

Asbestos Identification in Bulk Materials by Polarized Light Microscopy

EPA/600/R-93/116 July 1993 – Method for the Determination of Asbestos in Bulk Building Materials

Note: See Attached Notes and Descriptions Sheet for Applicable Abbreviations and Notes

Customer Sample No.	Lab Sample No.	Sub-sample No.	Layer No.	Sample Location / Description	Homo-geneous (yes/no)	Asbestos % and Type	% Non-Asbestos Fibers	% Non-Fibrous Material
B4-1	52	N/A	1	Duct Seam Tape – Attic Duct Seam Tape – White, Fibrous	Y	55% Chrysotile	25% Cellulose Fibers	20%
B4-2	53	N/A	1	Duct Seam Tape – Attic Duct Seam Tape – White, Fibrous	Y	55% Chrysotile	25% Cellulose Fibers	20%
B4-3	54	N/A	1	Duct Mastic – Room 201 Duct Mastic – Brown, Brittle	Y	None Detected	None Detected	100%
B4-4	55	N/A	1	Duct Mastic – Attic Duct Mastic – Brown, Brittle	Y	None Detected	None Detected	100%
B4-5	56	N/A		Mastic / Mud Roof Drain Pipe Fitting Insulation – Room 7C				
			1	Master/Paint – White/Offwhite, Brittle **Unable to separate individual layers**	N	2% Chrysotile	2% Fibrous Talc	96%
			2	Insulation – Light Gray, Granular/Fibrous	N	None Detected	10% Fiberglass 35% Mineral Wool	55%
B4-6	57	N/A	1	Flexible Duct Connector – Room 9 Duct Connector – Gray, Fibrous	Y	50% Chrysotile	35% Synthetic Fibers	15%
B4-7	58	N/A		Floor Tile & mastic (2 Layers) – Room 2				
			1	Floor Tile – Orange, Organically Bound	Y	None Detected	None Detected	100%

Analyst
Carol Findlay – Microscopy Manager

Technical Review
Brian Ray – Asbestos Analyst

Quality Review
Carol Findlay – Microscopy Manager

Safety Environmental Laboratories and Consulting, Inc.

Asbestos Bulk Sample Analysis Report

989 Yeager Pkwy.
Pelham, AL 35124

Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

Customer: **Safety Environmental Laboratories and Consulting, Inc.**
989 Yeager Parkway
Pelham, AL 35124

Telephone: **205-823-6200** Fax: **205-823-9066**

Sample Receipt Date: 08/07/2014
Sample Analysis Date: 08/11/2014
Sample Report Date: 08/12/2014

Project Name: **VAMC Tuscaloosa**
Project Location: **Building 4**

SELC Project #: **2014-1108**

Asbestos Identification in Bulk Materials by Polarized Light Microscopy

EPA/600/R-93/116 July 1993 – Method for the Determination of Asbestos in Bulk Building Materials

Note: See Attached Notes and Descriptions Sheet for Applicable Abbreviations and Notes

Customer Sample No.	Lab Sample No.	Sub-sample No.	Layer No.	Sample Location / Description	Homo-geneous (yes/no)	Asbestos % and Type	% Non-Asbestos Fibers	% Non-Fibrous Material
			2	Mastic – Tan, Soft	Y	None Detected	None Detected	100%
			3	Floor Tile – White, Organically Bound	Y	2% Chrysotile	None Detected	98%
			4	Mastic – Black, Bituminous	Y	None Detected	2% Cellulose Fibers	98%
B4-8	59	N/A		Floor Tile & Mastic (2 Layers) – Room 2B				
			1	Floor Tile – Yellow, Organically Bound	Y	None Detected	None Detected	100%
			2	Mastic – Yellow, Soft	Y	None Detected	5% Synthetic Fibers	95%
			3	Floor Tile – White, Organically Bound	Y	2% Chrysotile	None Detected	98%
			4	Mastic – Black, Bituminous	Y	None Detected	None Detected	100%
B4-9	60	N/A		Floor Tile & Mastic – Room 2DA				
			1	Floor Tile – Offwhite, Organically Bound	Y	3% Chrysotile	None Detected	97%
			2	Mastic – Black, Bituminous	Y	5% Chrysotile	None Detected	95%
B4-10	61	N/A	1	Floor Mastic – Room 8 Mastic – Black, Bituminous	Y	5% Chrysotile	None Detected	95%

☒ This report is **FINAL** ☐ This report is **PRELIMINARY** – pending final QC

Analyst
Carol Findlay – Microscopy Manager

Technical Review
Brian Ray – Asbestos Analyst

Quality Review
Carol Findlay – Microscopy Manager

989 Yeager Pkwy.
Pelham, AL 35124

Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

PLM Notes and Descriptions

1. Upper detection limit: 100%. Lower detection limit: <1%.
2. Bulk Samples will be stored for 3 months and will then be disposed of in an approved EPA landfill.
3. Analysis of floor tile or any other resinously bound materials by polarized light microscopy (PLM) using EPA Method 600/R-93/116 dated July 1993 may yield false-negative results because of method limitations in separating closely bound fibers from matrix material and in detecting fibers of small length and/or diameter. When analysis of such materials by the EPA PLM Method yields negative results for the presence of asbestos we recommend utilizing alternative methods of identification such as Gravimetry, XRD or AEM.
4. Samples are not homogenized by SELC prior to analysis. Distinct material layers within a sample are analyzed and reported separately by SELC. When multiple products are submitted by the customer under one sample number, SELC indicates those distinct products as sub-samples. SELC retains all samples numbers but will designate a sample number to those that are not given a sample number by the customer.
5. Percentages given are based on a visual estimated calibration.
6. Safety Environmental Laboratories and Consulting, Inc. is a NVLAP accredited laboratory, Lab Code: 200873-0 (ISO/IEC Standard 17025:2005 Compliant).
7. Results relate only to the samples tested. All tests were performed under the scope of SELC's NVLAP accreditation, unless indicated otherwise.
8. All samples were received in a condition suitable for analysis ("Good"), unless otherwise noted.
9. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.
10. Analytical Instrument: Olympus Polarized Light Microscope Series BH-2 Model BHT-002

Analyst	**Technical Review**	**Quality Review**
Carol Findlay – Microscopy Manager	Brian Ray – Asbestos Analyst	Carol Findlay – Microscopy Manager

Safety Environmental Laboratories and Consulting, Inc.

989 Yeager Pkwy. Phone: (205) 823-6200
Pelham, AL 35124 Fax: (205) 823-9066

Environmental, Health, and Safety Solutions

SELC

Chain of Custody Form

Customer: Safety Environmental Labs and Consulting, Inc.
Address: 989 Yeager Parkway
Pelham, AL 35126
Phone: 205-823-6200 Fax: 205-823-9066
E-mail:

Project Number: 2014-1108
Project Name: VAMC Tuscaloosa
Project Location: Building 4
PO Number:
SELC Proj. #:

Sample Type
- ☐ Air
- ☒ Bulk
- ☐ Paint
- ☐ Soil
- ☐ Waste
- ☐ Other:

Asbestos Analysis
- ☐ Asbestos Air - PCM
- ☐ Asbestos Air - TEM
- ☒ PLM (EPA 600/R-93/116)
- ☐ PLM (EPA Point Count)
- ☐ Other:

Metals Analysis
- ☐ Total Conc. - Lead
- ☐ Total Conc. - RCRA 8-Metals
- ☐ TCLP - Lead
- ☐ TCLP - RCRA 8-Metals
- ☐ TCLP - Full (w/ organics)
- ☐ Other:

Turn-Around Time*
- ☐ Rush/Same Day†
- ☐ 24 Hours
- ☐ 48 Hours
- ☒ 3 Business Days
- ☐ 4 Business Days
- ☐ Other:

- Field blanks should be submitted with all samples -

** Some TAT not available for all tests. Must schedule rush organics, multi-metals, and weekend tests in advance*
† Same day not available after 2:00 PM

Sample #	Date Sampled	Sample Description (e.g. Employee Name, SSN, Bldg, Material)	Area Wiped (ft²)	Type ‡ A/B/P/E	Time of Sampling Start	Time of Sampling Stop	Flow Rate (L/min) Start	Flow Rate (L/min) Stop	Total Vol. (L)	SELC USE ONLY #	SELC USE ONLY Cond
B4-1	7/24/14	Duct seam Tape - Attic								52	G
B4-2	"	Duct seam Tape - Attic								53	"
B4-3	"	Duct mastic - ~~Attic~~ EH Room 201								54	"
B4-4	"	Duct mastic - Attic								55	"
B4-5	"	Mastic / mud floor drain pipe fitting insulation - Rm 7C								56	"
B4-6	"	Flexible Duct Connector - Rm 9								57	"
B4-7	"	Floor Tile + Mastic (2 layers) - Room 2								58	"
B4-8	"	Floor Tile + Mastic (2 layers) - Room 2		B						59	"
B4-9	"	Floor Tile + Mastic - Rm 2D		A						60	↓
B4-10	↓	Floor mastic - Room 8								61	G

‡ A - Area, B - Blank, P - Personal, E - Excursion

Relinquished by: / **Received By:**

Relinquished by: Signature	Date	Time	Received By: Signature	Date	Time
Elyabeth Hyde	~~8/4/14~~ EH 8/7/14		Betty Lundsey	8-7-14	12:50 pm

Sampled By:
Signature
Elyabeth Hyde

APPENDIX D-5
Photographic Documentation

Photographic Documentation – 3 Year Asbestos Re-inspection – Building 4



PHOTOGRAPH 1
HA 23 (ACM black mastic) below new 12” VCT in Room 8.



PHOTOGRAPH 3
HA 13 – ACM Flexible duct connector (1) in basement mechanical room 9.



PHOTOGRAPH 2
HA 07 – ACM 9” VCT and mastic present in mezzanine hall. Also present in mezzanine Rooms 201 and 201A.

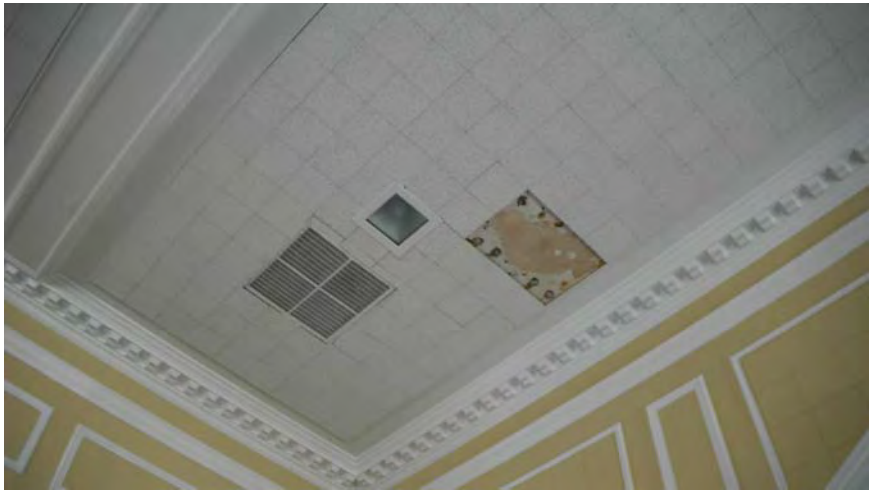


PHOTOGRAPH 4
Two (of three) rubber/vinyl flexible duct connectors in basement mechanical room 9.

Photographic Documentation – 3 Year Asbestos Re-inspection – Building 4



PHOTOGRAPH 5
HA 14 – ACM Tar on parapet wall.



PHOTOGRAPH 7
HA 19 A (ceiling tile – non-ACM) and HA 19B (ACM adhesive/glue dots) on plaster ceiling in auditorium.



PHOTOGRAPH 6
HA 19A (ceiling tile – non-ACM) and HA 19B (ACM adhesive/glue dots) on plaster ceiling in mezzanine level.



PHOTOGRAPH 8
HA 20 – ACM Duct seam tape applied to seams of HVAC ductwork in attic.

Photographic Documentation – 3 Year Asbestos Re-inspection – Building 4



PHOTOGRAPH 9
HA 21 – Non-ACM Brown duct mastic applied at seams of HVAC ductwork in attic.



PHOTOGRAPH 11
HA 22 – ACM Mastic over non-ACM mud insulation on fittings (elbow in this photograph) of roof drain piping in room 7C.



PHOTOGRAPH 10
HA 21 – Non-ACM Brown duct mastic applied at seams of HVAC ductwork in mezzanine room 201.



PHOTOGRAPH 12
HA 22– ACM Mastic over non-ACM mud insulation on fittings (bends and elbow in this photograph) of roof drain piping in room 7C.

APPENDIX D-6
Estimated Asbestos Abatement Costs

BUILDING 4 ESTIMATED ASBESTOS ABATEMENT COSTS				
HA NUMBER(S)	**TYPE OF ACM**	**FRIABLE/ NON-FRIABLE**	**APPROXIMATE QUANTITY**	**ESTIMATED ABATEMENT COSTS**
01, 03, 07	Vinyl composition floor tile and mastic	Non-Friable	1,710 square feet	$8,550
12 (see Note 5)	Steam system pipe insulation (“magnesia” type)	Friable	NP	NP
13	Flexible duct connector	Friable	One observed in Room 9	$200
14	Roofing tar	Non-Friable	200 square feet	$1,000
17	Downspout Tar	Non-Friable	At 2 joints per down spout	$250 per down spout
18 (see Note 5)	Pipe insulation (“cardboard” like)	Friable	NP	NP
19B	Adhesive/glue dots securing 1’ x 1’ ceiling tiles to plaster	Non-Friable	~ 4,000 square feet	$20,000
20 (see Note 5)	HVAC Duct seam tape	Friable	~ 22 seams observed	$1,000
22	Mastic over non-ACM fitting insulation on roof drain piping	Non-Friable	~ 6 fittings observed in Room 7C	$300
23	Floor mastic	Non-Friable	100 square feet	$500

Notes:

1. HA = Homogeneous area
2. ACM = Asbestos containing material
3. NP = Not provided
4. Costs provided are general estimates for information purposes only. A complete and specific cost estimate should be obtained from Alabama accredited asbestos abatement contractors prior to any abatement project.
5. Quantity and cost estimates are provided only for observable ACM/homogeneous area. Cost estimates are not provided for inaccessible portions/quantities of a homogeneous group.

APPENDIX D-7
Additional VAMC Supplied Notes/Information

Attic flexible conducts with ACM

MV
03/25/14

Per Lee Mills

~~Bldg 2~~ - Rm 238 (NO ACM)

~~Bldg 3~~ - Attic (take stairs across from rm 213) (NO ACM)

~~Bldg 4~~ - Attic + ductwork replaced 1994 NO ACM

Bldg 5 3 of 4 — Mech rm 5 X2 + rm 205 A + rm 102 (A)

Bldg 1 Above ceily / corridor in Near ~~Rm~~ Rm 120F (ACM?)

cont rm 235 above ceily (ACM?)

B-46 Chapel - duct flex 11" Canvas Connector

B-40 1st fl + 2nd floor ? canvas vs ACM

APPENDIX E

BUILDING 5
OFFICE BUILDING



INCLUDED IN APPENDIX E:

E-1 – Annual Asbestos Re-inspection Documentation

E-2 – Homogeneous Area / Sample Summary Table

E-3 – Sample/ACM Location Plans

E-4 – PLM Laboratory Reports

E-5 – Photographic Documentation

E-6 – Estimated Asbestos Abatement Costs

E-7 – Additional VAMC Supplied Notes/Information

APPENDIX E-1
Annual Asbestos Re-inspection Documentation

BUILDING 5 HOMOGENEOUS AREA LIST

HA 01 = 12" x 12" FLOOR TILE (LIGHT BROWN) AND MASTIC
HA 02 = 12" X 12" FLOOR TILE (OFF-WHITE WITH BROWN) AND MASTIC - REMOVED
HA 03 = 12" X 12" FLOOR TILE (OFF-WHITE WITH GREY) AND MASTIC - REMOVED
HA 04 = 12" X 12" FLOOR TILE (GREY) AND MASTIC - REMOVED
HA 05 = 12" X 12" FLOOR TILE (MULTI-BROWN) AND MASTIC - REMOVED
HA 06 = LINOLEUM (GREY) - NAD
HA 07 = 12" X 12" FLOOR TILE (BLACK AND WHITE ALTERNATING) - NAD
HA 08 = 12" X 12" FLOOR TILE (OFF-WHITE WITH GREEN) AND MASTIC - REMOVED
HA 09 = 9" X 9" FLOOR TILE (BURGUNDY AND BROWN ALTERNATING) AND MASTIC- REMOVED
HA 10 = 9" X 9" FLOOR TILE (AQUA) AND MASTIC - REMOVED
HA 11 = LINOLEUM (LIGHT BROWN) – NAD
HA 12 = 9" X 9" FLOOR TILE (BLACK) AND MASTIC - REMOVED
HA 13 = CEILING TILE (2' X 2' – GROOVE AND PINHOLE - OLD) - NAD
HA 14 = PLASTER, SMOOTH - NAD
HA 15 = CEILING TILE (2' X 2' – GROOVE AND PINHOLE - NEW) - NAD
HA 16 = CEILING TILE (1' X 1' – TONGUE AND GRILL) – NAD
HA 17 = CEILING TILE (2' X 4' – GROOVE AND PINHOLE) - NAD
HA 18 = DOWNSPOUT TAR - REMOVED
HA 19 = ROOFING TAR (TRIM) - REMOVED
HA 20 = PIPE INSULATION, BLACK MASTIC - NAD
HA 21 = ROOFING FELT - NAD
HA 22 = PIPE FITTING INSULATION (SOFT) ON FIBERGLASS RUNS - NAD
HA 23 = PIPE INSULATION – MAGNESIA TYPE (STEAM AND DOMESTIC WATER PIPING)
HA 24 = PIPE FITTING INSULATION (HARD) ON FIBERGLASS RUNS - NAD
HA 25 = TANK INSULATION - NAD
HA 26 = FLEXIBLE DUCT CONNECTOR
HA27 = ADHESIVE/GLUE DOTS (BROWN) ON PLASTER CEILING - NAD
HA 28 = CREAM HVAC DUCT MASTIC - NAD
HA 29 = GRAY/GREEN HVACE DUCT MASTIC - NAD

HA = HOMOGENEOUS AREA
HA = ASBESTOS CONTAINING MATERIAL
NAD = NO ASBESTOS DETECTED
HA (ITALICIZED) = IDENTIFIED BY SELC DURING 2014 RE-INSPECTION. OTHER HOMOGENEOUS AREAS IDENTIFIED DURING PREVIOUS RE-INSPECTIONS/INSPECTIONS BY OTHER CONSULTANTS.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 5 Homogeneous Area #: 01 Date: 7/15/14
Description: Floor tile, 12" x 12" (light brown) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Present/exposed in Room 9A – good condition, ~ 40 ft^2. Rooms 4 and 4B have ceramic tile. Below Centiva flooring or hardwood in other rooms.

2009 Inspection Note: ACM/ACE with potential for damage. 2008 Report - Rooms 9, 11, 12 - good to fair condition. Rooms 8, 8A, 10, 10A - have carpet. 2009 Report - Room 9 - good to fair condition. Rooms 8, 8A have carpet. *No reference to Rooms 11, 12, 10, 10A.*

2002 Inspection Note: ACM/ACE with potential for damage. Rooms 8, 8B, 9, 10, 10A, 11, and 12. Please note that Room 8B is marked 8A. All patched areas (10A and 12B) also ACM. Good condition. *No reference to rooms 1-4, 4A, 12E.* Changed Room 221 to HA 08

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 1-4, 4A, 4B, 8, 8B, 9, 9A, 10, 10A, 11-12, 12E and 221 (3758 sf)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 5 Homogeneous Area #: 02 Date: 7/15/14
Description: Floor tile, 12" x 12" (off-white with brown) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed/replaced with hardwood or Centiva flooring in Room 12C. Rooms 7 and 7A have carpet over concrete. Landing 224C has vinyl/rubber flooring over concrete.

2009 Inspection Note: ACM/ACE with potential for damage. Room 12C has carpet - good condition. **Rooms 7 and 7A replaced with hardwood.**

2002 Inspection Note: ACM/ACE with potential for damage. Rooms 7, 7A, and 12C. Good condition. No reference to 224C – changed to either HA 03 or HA 08.

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 7, 7A, 12C, and 224C (400 sf)

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 5 Homogeneous Area #: 03 Date: 7/15/14
Description: Floor tile, 12" x 12" (off-white with grey) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed from P-13, 12D, 12E, 130A, 224C. Hardwood or Centiva flooring in P-13, 12E. Vinyl/rubber in 12D, 130A, 224C.

2009 Inspection Note: ACM/ACE with potential for damage. Rooms P-13, 12D, 130A and 224C - poor condition. *No reference to 12E.*

2002 Inspection Note: ACM/ACE with potential for damage. Rooms P-13, 12D, 12E, 130A, and 224C. Good condition.

1991 Inspection Note: ACM/ACE with potential for damage. Room 12D (110 sf)

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 5 Homogeneous Area #: 04 Date: 7/15/14
Description: Floor tile, 12" x 12" (grey) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Old flooring in Room 10A removed/replaced with hardwood.

2009 Inspection Note: N/A

2002 Inspection Note: Changed Room 10A to HA 01.

1991 Inspection Note: ACM/ACE with potential for damage. Room 10A (125 sf)

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 5 Homogeneous Area #: 05 Date: 7/15/14
Description: Floor tile, 12" x 12" (multi-brown) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed. Carpet over concrete present in Room 6. Hardwood present in Room 13.

2009 Inspection Note: ACM/ACE with potential for damage. Room 13 - fair condition. Carpet over. **Room 6 has been replaced with hardwood.**

2002 Inspection Note: ACM/ACE with potential for damage. Rooms 6 and 13. Good condition

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 6 and 13 (300 sf)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 5 Homogeneous Area #: 08 Date: 7/15/14
Description: Floor tile, 12" x 12" (off-white with green) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Carpet or hardwood flooring present in Rooms 100, 101, 101A, 108, 109, 110A, 111, 112, 114-122, 125, 126, 200, 201, 202, 203, 206, 207, 208, 209, 210, 211, 213, 214, 215, 216, 217, 221, 222, 223, and Corridors 140, 145, 150, 224, 235. Vinyl/rubber or hardwood flooring over concrete present in stairwell landings. Room 129 not found. Room 110 has ceramic tile.

2009 Inspection Note: ACM/ACE with potential for damage. Rooms 100, 101, 101A, 109, 111, 112, 114-122, 125, 126, 129, 140, 145, 150, 200, 201, 202, 203, 206, 207, 208, 209, 210, 211, 213, 214, 215, 216, 217, 221, 222, 223, 224, 235 - have carpet. Rooms 114A, 212 and stairwell landings - good condition. Room 110A - ceramic tile.

2002 Inspection Note: ACM/ACE with potential for damage. Rooms 100, 101A, 109, 110A, 111, 112, 114-122, 125, 126, 129,140, 145, 150, 200, 201, 202, 203, 206, 207, 208, 209, 210, 211, 213, 214, 215, 216, 217, 221, 222, 223, 224, 235, and stairwell landings. These areas are partially under carpet on the first floor and completely under carpet on 2nd floor.

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 101, 101A, 108-109, 110A, 111-112, 114-122, 125-126, 140, 145, 150 (3,570 sf)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 5 Homogeneous Area #: 09 Date: 7/15/14
Description: Floor tile, 9" x 9" (burg. & brown alternating) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed. Carpet over concrete in Rooms 106, 107, 108.

2009 Inspection Note: ACM/ACE with potential for damage. Room 106, 107, 108 - carpet over tile.

2002 Inspection Note: ACM/ACE with potential for damage. Room 106. Fair condition.

1991 Inspection Note: ACM/ACE with potential for damage. Room 106 (110 sf)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 5 Homogeneous Area #: 10 Date: 7/15/14
Description: Floor tile, 9" x 9" (aqua) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed. Carpet over concrete present in Room 107.

2009 Inspection Note: N/A

2002 Inspection Note: Removed from Room 107.

1991 Inspection Note: ACM/ACE with potential for damage. Room 107 (125 sf)

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 5 Homogeneous Area #: 12 Date: 7/15/14
Description: Floor tile, 9" x 9" (black) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed per 2002 report.

2009 Inspection Note: N/A

2002 Inspection Note: Drawing indicates HA 12 removed from Room 115A.

1991 Inspection Note: ACM/ACE with potential for damage. Room 115A (25 sf)

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 5 Homogeneous Area #: 18 Date: 7/15/14
Description: Downspout tar Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Reportedly abated. SELC observed no tar on new downspouts, or on older downspouts.

2009 Inspection Note: Not assessed / outside scope of work

2002 Inspection Note: ACM/ACE with potential for damage. Exterior of building. Good condition.

1991 Inspection Note: ACM/ACE with potential for damage. Downspout joints (6 each)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 5 Homogeneous Area #: 19 Date: 7/15/14
Description: Roofing tar Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed/abated as part of the recently completed major roof replacement project at Buildings 1-5.

2009 Inspection Note: Not assessed / outside scope of work

2002 Inspection Note: ACM or ACE with potential for damage. Roof (trim). Good condition.

1991 Inspection Note: Any remaining friable ACM or suspect friable suspected ACM or ACE. Roofing trim only (500 sf)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 5 Homogeneous Area #: 23 Date: 7/15/14
Description: Pipe insulation (magnesia-type) steam and dom. water Inspector: E. Hyde

Physical Assessment (check all that apply)

X Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
(4)	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Per VAMC personnel, asbestos containing TSI has been removed/abated as needed since early 1990s in accessible chases, basement, attic, and crawlspaces as needed. Newer kraft-faced, fiberglass, hard foam, or calcium silicate insulation observed by SELC in accessible maintenance rooms and chases on all floors, and/or generally above ceiling tiles. However, HA 23 observed on two pipes in closet 207A, below shelving 9 (~ 6 linear feet, poor condition), and in Room 105 (2 pipes, ~ 10 linear feet, good condition). Also still present in inaccessible areas, such as wall and ceiling cavities (inside / above plaster), and in inaccessible mechanical areas.

2009 Inspection Note: No comment/information

2002 Inspection Note: Drawing indicates present throughout building.

1991 Inspection Note: Damaged or significantly damaged TSI ACM or ACE. On steam and domestic water piping in Room 14/mechanical room (20 LF) / 1st floor (580 LF - inaccessible) / 2nd floor (100 LF - inaccessible)

Recommendation Response Action (circle applicable actions)

(*O&M*) (*Remove/Enclose/Encapsulate*) *Evacuate/Restrict*

Explain: Remove as soon as practical in Closet 207A. In other locations, manage in place until such time as practical to remove/abate or encapsulate. Remove or encapsulate as needed/encountered prior to or as part of renovation/repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 5 Homogeneous Area #: 26 Date: 7/15/14
Description: Flexible duct connector Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
__X__ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
(3)	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Original/old flexible duct connectors observed in Room 5 (2), Room 205A (1), and Room 218A (1). Good to fair condition. Newer, vinyl/flexible duct connectors present in Room 5, 102, and 115A.

2009 Inspection Note: ACM or ACE with potential for damage. Rooms 5 and 205A. Good to fair condition. Rooms 102 and 115A now have rubber connectors.

2002 Inspection Note: Any remaining friable ACM or friable suspected ACM or ACE. Rooms 5, 102, 115A, and 205A. Good to fair condition. 4 each.

1991 Inspection Note: Any remaining friable ACM or friable suspected ACM or ACE. Room 5 (2 each) / Room 102 (1 each) / Room 204A (1 each)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until practical to remove/abate, or impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 5 Homogeneous Area #: 27 Date: 7/15/14
Description: Brown adhesive/glue dots on plaster ceilings Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Brown adhesive / glue dots formerly used to adhere non-ACM 1' x 1' ceiling tiles (HA 16). Exposed on plaster ceilings in most locations (Rooms 217, 200, 2nd and first floor hallway and common areas); however, ceiling tiles remain in place in central staircase on first and second floors. Generally in good to fair condition. No asbestos detected in samples B5-1 and B5-2.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 5 Homogeneous Area #: 28 Date: 7/15/14
Description: Cream HVAC Duct Seam Mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Cream duct seam mastic observed on HVAC ductwork of smaller AHU unit in Room 5. No asbestos detected in samples B5-3 and B5-4.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 5 Homogeneous Area #: 29 Date: 7/15/14
Description: Gray/green HVAC Duct Seam Mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Gray/green duct seam mastic observed on HVAC ductwork in mechanical closet 102. No asbestos detected in sample B5-5.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

APPENDIX E-2
Homogeneous Area / Sample Summary Table

HOMOGENEOUS AREA / SAMPLE SUMMARY TABLE PROJECT: 2014-1108 – BUILDING 5					
HOMG. AREA (HA#)	**HOMOGENEOUS AREA (HA) DESCRIPTION & LOCATION**	**HA TYPE (AHERA) EPA/OSHA CATG. (IF ACM) CONDITION (IF ACM)**	**SAMPLE NO.**	**ASBESTOS CONTENT**	**SAMPLE LOCATION**
27	Adhesive/glue dots (brown) used to secure 1" x 1" fiberboard ceiling tiles to plaster. Observed in first and second floor hallways and some office spaces, above lay-in ceiling tiles. Please note that old 1' x 1' tiles are gone in most areas, except for staircases.	Miscellaneous Material Not ACM	B5-1	None Detected	2nd floor hall
			B5-2		1st floor hall
28	HVAC Duct seam mastic (cream) applied to seams of externally un-insulated AHU ductwork in room 5.	Miscellaneous Material Not ACM	B5-3	None Detected	Room 5
			B5-4	None Detected	Room 5
29	HVAC Duct seam mastic (gray/green) applied to seams of externally un-insulated HVAC ductwork in Room 102.	Miscellaneous Material Not ACM	B5-5	None Detected	Room 102
END OF TABLE					

Notes: 1. ** = Homogeneous area # previously identified by others.

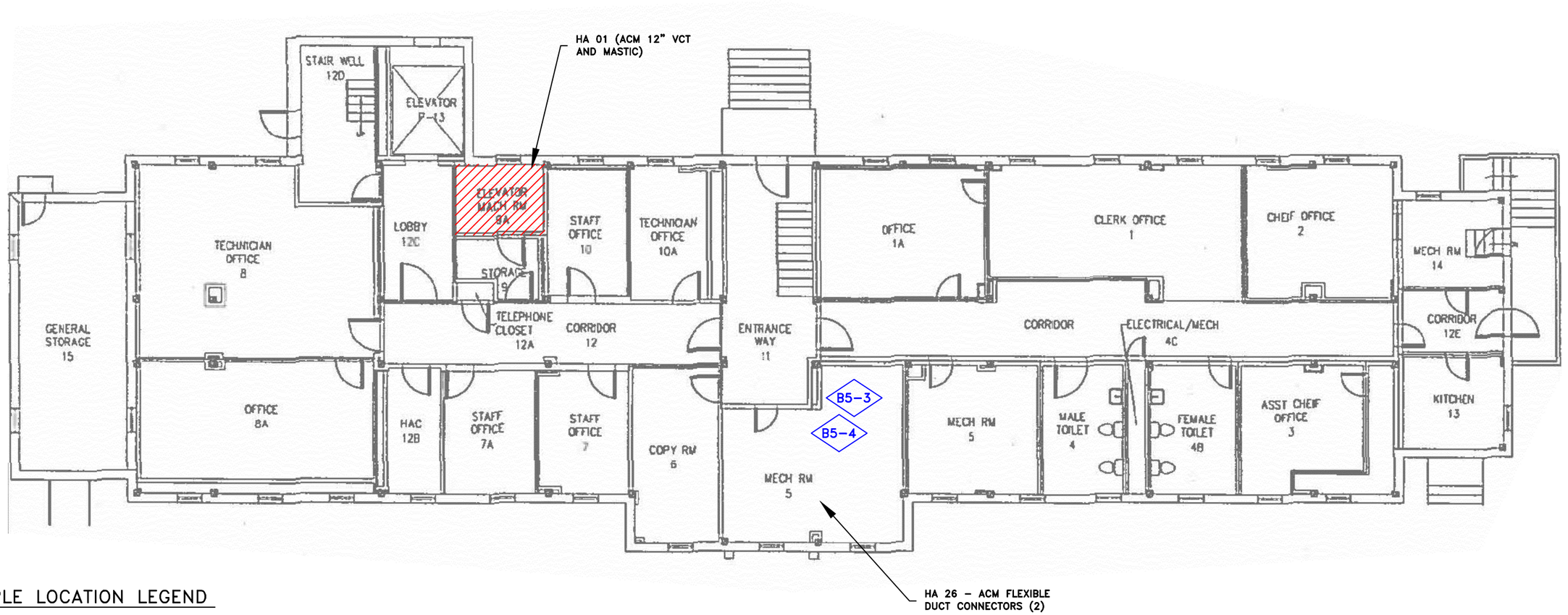
2. If not demarked with an **, this is a new homogeneous area identified by SELC during this re-inspection

APPENDIX E-3
Sample/ACM Location Plans

ASBESTOS NOTES:
ACM = ASBESTOS CONTAINING MATERIAL

1. HA 23 (ACM PIPE INSULATION) LIKELY PRESENT IN INACCESSIBLE LOCATIONS, SUCH AS WALL CAVITIES.

2. HA 26 (ACM FLEXIBLE DUCT CONNECTORS) PRESENT IN ROOM 5 (2).



SAMPLE LOCATION LEGEND

B5-1 Sample Locations/ No Asbestos Detected in Sample

B5-1 Sample Locations/ Asbestos Detected in Sample

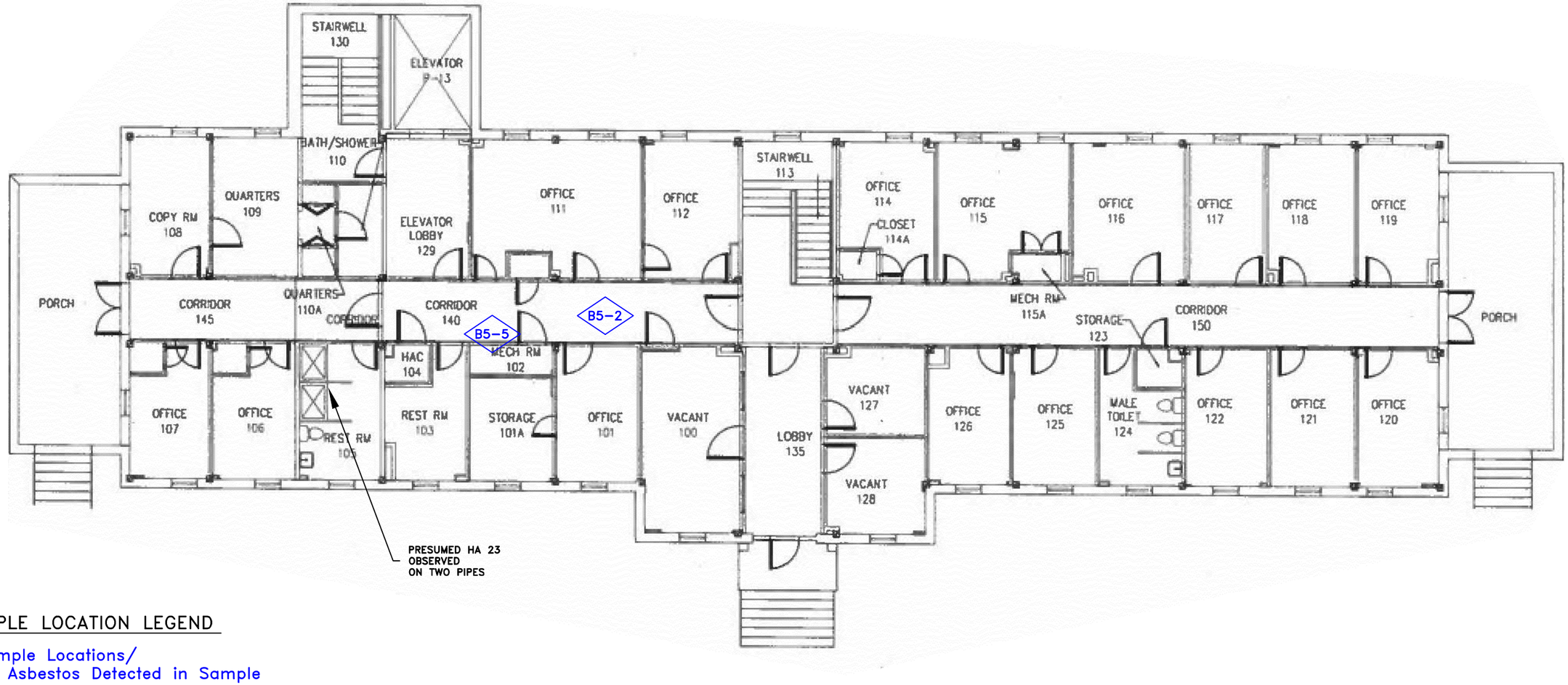
NOT TO SCALE

BUILDING 5 – BASEMENT

SHEET 1: BUILDING 5 – BASEMENT	Safety Environmental Laboratories and Consulting, Inc. SELC 989 Yeager Parkway Pelham, AL 35124 (205) 823-6200 fax (205) 823-9066	PROJECT 3-YEAR ASBESTOS RE-INSPECTION VAMC TUSCALOOSA 3701 LOOP ROAD TUSCALOOSA, ALABAMA 35404 SELC PROJECT NO.: 2014-1108	BUILDING 5 BASEMENT SHEET 1 OF 3

ASBESTOS NOTES:
ACM = ASBESTOS CONTAINING MATERIAL

1. HA 23 (ACM PIPE INSULATION) LIKELY PRESENT IN INACCESSIBLE LOCATIONS, SUCH AS WALL CAVITIES.



SAMPLE LOCATION LEGEND

B5-1 Sample Locations/ No Asbestos Detected in Sample

B5-1 Sample Locations/ Asbestos Detected in Sample

NOT TO SCALE

BUILDING 5 – FIRST FLOOR

SHEET 2: BUILDING 5 – FIRST FLOOR

Safety Environmental Laboratories and Consulting, Inc.
SELC
989 Yeager Parkway
Pelham, AL 35124
(205) 823-6200 fax (205) 823-9066

PROJECT

3-YEAR ASBESTOS RE-INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

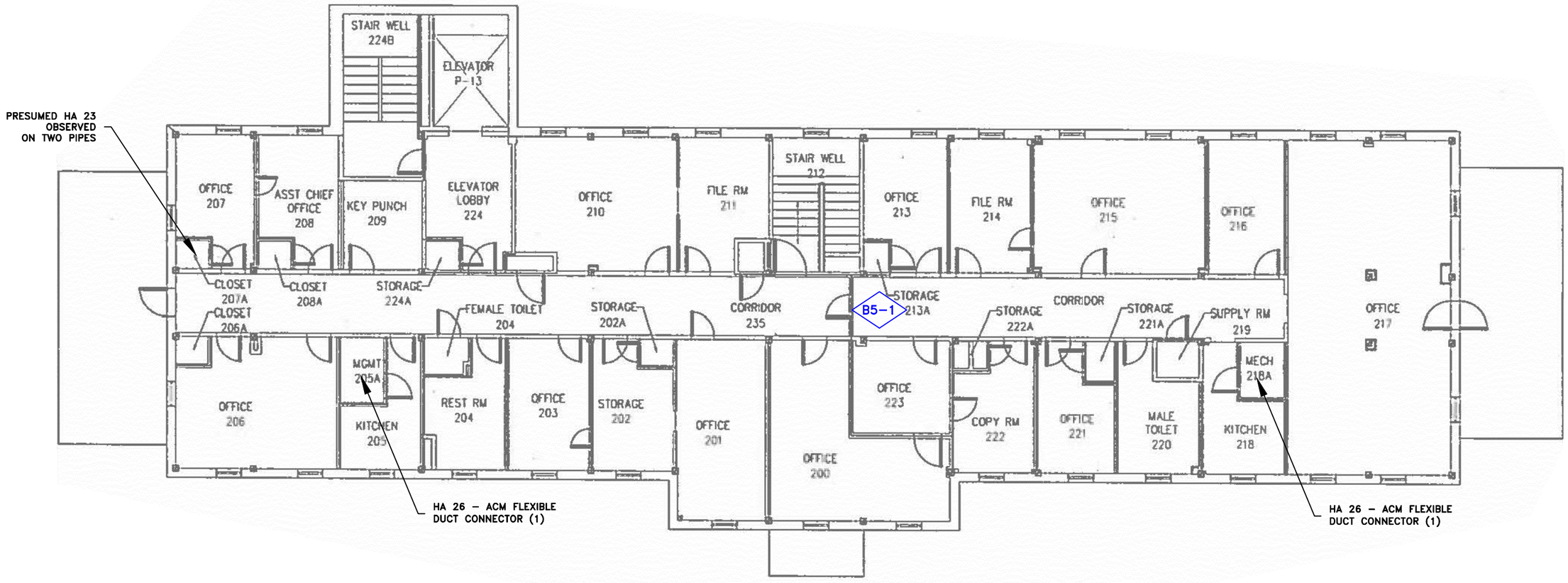
SELC PROJECT NO.: 2014-1108

BUILDING 5
FIRST FLOOR
SHEET 2 OF 3

ASBESTOS NOTES:
ACM = ASBESTOS CONTAINING MATERIAL

1. HA 23 (ACM PIPE INSULATION) LIKELY PRESENT IN INACCESSIBLE LOCATIONS, SUCH AS WALL CAVITIES.

2. HA 26 (ACM FLEXIBLE DUCT CONNECTORS) PRESENT IN ROOMS 205A AND 218A (ONE IN EACH ROOM).



SAMPLE LOCATION LEGEND

B5-1 Sample Locations/ No Asbestos Detected in Sample

B5-1 Sample Locations/ Asbestos Detected in Sample

NOT TO SCALE

BUILDING 5 – SECOND FLOOR

SHEET 3: BUILDING 5 – SECOND FLOOR

Safety Environmental Laboratories and Consulting, Inc.
SELC
989 Yeager Parkway
Pelham, AL 35124
(205) 823-6200 fax (205) 823-9066

PROJECT

3-YEAR ASBESTOS RE-INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1108

BUILDING 5
SECOND FLOOR
SHEET 3 OF 3

APPENDIX E-4
PLM Laboratory Reports

Safety Environmental Laboratories and Consulting, Inc.

Asbestos Bulk Sample Analysis Report

989 Yeager Pkwy.
Pelham, AL 35124

Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

Customer: **Safety Environmental Laboratories and Consulting, Inc.**
989 Yeager Parkway
Pelham, AL 35124

Telephone: **205-823-6200** Fax: **205-823-9066**

Project Name: **VAMC Tuscaloosa**
Project Location: **Building 5**

SELC Project #: **2014-1108**

Sample Receipt Date: 08/07/2014
Sample Analysis Date: 08/11/2014
Sample Report Date: 08/12/2014

Asbestos Identification in Bulk Materials by Polarized Light Microscopy

EPA/600/R-93/116 July 1993 – Method for the Determination of Asbestos in Bulk Building Materials

Note: See Attached Notes and Descriptions Sheet for Applicable Abbreviations and Notes

Customer Sample No.	Lab Sample No.	Sub-sample No.	Layer No.	Sample Location / Description	Homo-geneous (yes/no)	Asbestos % and Type	% Non-Asbestos Fibers	% Non-Fibrous Material
B5-1	62	N/A	1	Brown Adhesive / Glue Dot – 2nd Floor Hall Adhesive – Brown, Brittle	Y	None Detected	5% Cellulose Fibers	95%
B5-2	63	N/A	1	Brown Adhesive / Glue Dot – 1st Floor Hall Adhesive – Brown, Brittle	Y	None Detected	5% Cellulose Fibers	95%
B5-3	64	N/A	1	Cream HVAC Duct Mastic – Room 5 Duct Mastic – Cream, Resinously Bound	Y	None Detected	None Detected	100%
B5-4	65	N/A	1	Cream HVAC Duct Mastic – Room 5 Duct Mastic – Cream, Resinously Bound	Y	None Detected	None Detected	100%
B5-5	66	N/A	1	HVAC Duct Seam Mastic – Room 102 Duct Seam Mastic – Gray, Resinously Bound / Soft	Y	None Detected	None Detected	100%

☒ This report is **FINAL** ☐ This report is **PRELIMINARY** – pending final QC

Analyst
Carol Findlay – Microscopy Manager

Technical Review
Brian Ray – Asbestos Analyst

Quality Review
Carol Findlay – Microscopy Manager

989 Yeager Pkwy.
Pelham, AL 35124

Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

PLM Notes and Descriptions

1. Upper detection limit: 100%. Lower detection limit: <1%.
2. Bulk Samples will be stored for 3 months and will then be disposed of in an approved EPA landfill.
3. Analysis of floor tile or any other resinously bound materials by polarized light microscopy (PLM) using EPA Method 600/R-93/116 dated July 1993 may yield false-negative results because of method limitations in separating closely bound fibers from matrix material and in detecting fibers of small length and/or diameter. When analysis of such materials by the EPA PLM Method yields negative results for the presence of asbestos we recommend utilizing alternative methods of identification such as Gravimetry, XRD or AEM.
4. Samples are not homogenized by SELC prior to analysis. Distinct material layers within a sample are analyzed and reported separately by SELC. When multiple products are submitted by the customer under one sample number, SELC indicates those distinct products as sub-samples. SELC retains all samples numbers but will designate a sample number to those that are not given a sample number by the customer.
5. Percentages given are based on a visual estimated calibration.
6. Safety Environmental Laboratories and Consulting, Inc. is a NVLAP accredited laboratory, Lab Code: 200873-0 (ISO/IEC Standard 17025:2005 Compliant).
7. Results relate only to the samples tested. All tests were performed under the scope of SELC's NVLAP accreditation, unless indicated otherwise.
8. All samples were received in a condition suitable for analysis ("Good"), unless otherwise noted.
9. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.
10. Analytical Instrument: Olympus Polarized Light Microscope Series BH-2 Model BHT-002

Analyst	**Technical Review**	**Quality Review**
Carol Findlay – Microscopy Manager	Brian Ray – Asbestos Analyst	Carol Findlay – Microscopy Manager

Safety Environmental Laboratories and Consulting, Inc.

989 Yeager Pkwy.
Pelham, AL 35124
Phone: (205) 823-6200
Fax: (205) 823-9066

Environmental, Health, and Safety Solutions

SELC

Chain of Custody Form

Customer: Safety Environmental Labs and Consulting, Inc.
Address: 989 Yeager Parkway
Pelham, AL 35126
Phone: 205-823-6200 Fax: 205-823-9066
E-mail:

Project Number: 2014-1108
Project Name: VAMC Tuscaloosa
Project Location: Building 5
PO Number:
SELC Proj. #:

Sample Type
- ☐ Air
- ☒ Bulk
- ☐ Paint
- ☐ Soil
- ☐ Waste
- ☐ Other:

Asbestos Analysis
- ☐ Asbestos Air - PCM
- ☐ Asbestos Air - TEM
- ☒ PLM (EPA 600/R-93/116)
- ☐ PLM (EPA Point Count)
- ☐ Other:

Metals Analysis
- ☐ Total Conc. - Lead
- ☐ Total Conc. - RCRA 8-Metals
- ☐ TCLP - Lead
- ☐ TCLP - RCRA 8-Metals
- ☐ TCLP - Full (w/ organics)
- ☐ Other:

Turn-Around Time*
- ☐ Rush/Same Day†
- ☐ 24 Hours
- ☐ 48 Hours
- ☒ 3 Business Days
- ☐ 4 Business Days
- ☐ Other:

- Field blanks should be submitted with all samples -

** Some TAT not available for all tests Must schedule rush organics, multi-metals, and weekend tests in advance*
† Same day not available after 2:00 PM

Sample #	Date Sampled	Sample Description (e.g. Employee Name, SSN, Bldg, Material)	Area Wiped (ft²)	Type ‡ A/B/P/E	Time of Sampling Start	Time of Sampling Stop	Flow Rate (L/min) Start	Flow Rate (L/min) Stop	Total Vol. (L)	SELC USE ONLY #	SELC USE ONLY Cond
BS-1	7/15/14	Brown adhesive/gluedot - 2nd Floor Hall								62	G
BS-2	↓	Brown adhesive/glue dot - 1st Floor Hall								63	↓
BS-3	↓	Cream HVAC duct mastic - Room	5							64	↓
BS-4	↓	Cream HVAC duct mastic - Room	5							65	↓
BS-5	↓	HVAC Duct seam mastic - Room	02							66	↓

‡ A - Area, B - Blank, P - Personal, E - Excursion

Sampled By:
Signature
Elizabeth Hyde

Relinquished by: / **Received By:**

Signature	Date	Time	Signature	Date	Time
Elizabeth Hyde	8/1/14		Betty Lindsey	8/7/14	12:50 pm

APPENDIX E-5
Photographic Documentation

Photographic Documentation – 3 Year Asbestos Re-inspection – Building 5



PHOTOGRAPH 1
Non-ACM adhesive/glue dots on plaster ceilings above newer lay-in ceiling tiles.



PHOTOGRAPH 3
HA 28 – Non-ACM Cream HVAC duct mastic in room 5.



PHOTOGRAPH 2
HA 29 – non-ACM duct seam mastic in closet 102.



PHOTOGRAPH 4
HA 23 – ACM steam pipe insulation present below shelving in Closet 207A.

Photographic Documentation – 3 Year Asbestos Re-inspection – Building 5



PHOTOGRAPH 5
HA 23 – ACM pipe insulation present in bathroom 105.



PHOTOGRAPH 7
HA 26 – Flexible duct connectors (2) in Room 5.



PHOTOGRAPH 6
HA 26 – Flexible duct connector in Room 205A.



PHOTOGRAPH 8
Example of a vinyl/rubber flexible duct connector. Photograph taken in Room 102.

APPENDIX E-6
Estimated Asbestos Abatement Costs

BUILDING 5 ESTIMATED ASBESTOS ABATEMENT COSTS				
HA NUMBER(S)	**TYPE OF ACM**	**FRIABLE/ NON-FRIABLE**	**APPROXIMATE QUANTITY**	**ESTIMATED ABATEMENT COSTS**
01	Vinyl composition floor tile and mastic	Non-Friable	40 square feet	$200
23 (see Note 5)	Steam and domestic water system pipe insulation	Friable	~ 16 linear feet observed in Rooms 105 and 207A	$800
26	Flexible duct connector	Friable	4 observed	$400

Notes:

1. HA = Homogeneous area
2. ACM = Asbestos containing material
3. NP = Not provided
4. Costs provided are general estimates for information purposes only. A complete and specific cost estimate should be obtained from Alabama accredited asbestos abatement contractors prior to any abatement project.
5. Quantity and cost estimates are provided only for observable ACM/homogeneous area. Cost estimates are not provided for inaccessible portions/quantities of a homogeneous group.

APPENDIX E-7
Additional VAMC Supplied Notes/Information

Stamey Lewis 08/16/11

Hazardous Waste Abatements

Asbestos Floor Tile Removal

- Building 1- Rooms 307, 307A, 308, 312, 313 & 314
- Building 2, 1st Floor- Rooms 101, 102, 105, 105A, 106, 106A, 107, 108, 109, 109B, Corridor 113, 113A, 113B, 113D, 113E, 113G, 113H, 114, 117, 119A, 119B, 119C, 119D, 120, 122, Corridor 125, Corridor 178 & Corridor 179
- Building 2, 2nd Floor- Corridor 200, Rooms 201, 202, Corridor 204, 205, 205A, 205B, 207, 207A, 212E, 213, 214, 217, 218, Corridor 219, 219A, 219B, 219C, 219D, 220, 222 & Corridor 224
- Building 5, Basement- Corridor 8, Rooms 8A, 8B, 8C & 8D
- Building 5, 1st Floor- Rooms 100, 101, 101A, 106, 107, 108, 109, 110A, 111, 112, 114, 114A, 115, 116, 117, 118, 119, 120, 121, 122, 125, 126, 127, 128, Elevator Lobby 129, Lobby 135, Corridor 140, Corridor 145 & Corridor 150
- Building 5, 2nd Floor- Rooms 200, 201, 202, 202A, 203, 205, 205A, 206, 206A, 207, 207A, 208, 208A, 209, 210, 211, 213, 213A, 214, 215, 216, 217, 218, 219, 221, 221A, 222A, 222, 223, Elevator Lobby 224, 224A & Corridor 235

Lead Based Paint Removal & Encasement

- Building 40, Basement LBP Removal (Door Frames & Hardware Only)
  - Rooms 1, 1A (Telephone Closet), 2 (Large Toddler Room near Elevator), 7, 8, 9, 9A, 9B, 9C, 9D, 10, Stairwell Door, 12, 13, 14, 15, 16, 16A, 17, Door in between Corridor 18 & Corridor 20
- Building 40, Basement Window Encasement
  - Rooms 1, 9, 12, 14, 14A, 14B, 14C, 14D, 16, 16A

encapsulated

Room 9 = 2 windows ✓
Room 9C = 3 windows ②
Room 9D = 2 windows ②
Room 9B = 1 window ①
All ✓

* 8 total (All green) but ... are they really?

Attic flexible conducts

with ACM *

MV
03/25/14

Per Ken Mobbs

~~Bldg 2~~ - Rm 238 (No ACM)

~~Bldg 3~~ - Attic (take stairs across from rm 213) (No ACM)

~~Bldg 4~~ - Attic + ductwork replaced 1994 ~~No ACM~~

Bldg 5 2 of 4 — Mech rm 5 X2 + rm 205 A + rm 102 (A)

Bldg 1 Above ceiling/corridor in
Near ~~Rm~~ Rm 120F (ACM?)
cont rm 235 above ceiling (ACM?)

B-46 Chapel - duct flex "Canvas Connector"

B-40 1st fl + 2nd floor ↑ Canvas vs ACM



check on rooms 9 + 13 } floor + (5 for flex duct connects)

wood floor

flex ducts x2 only

wood floor

Indus Systems, Inc.
2352, Main Street, Concord MA 01742
Tel. 978-461-0555
www.indus-systems.com

Drawing Title: BASEMENT FLOOR PLAN ARCHITECTURAL
Project Title: AS-BUILT Drawings
Date: 03-15-2010
Project No
Drawing No.
Approved
Approved
Building Number: 05
Checked
Drawn
Location: VAMC TUSCALOOSA
VAMC, TUSCALOOSA
VA Department of Veterans Affairs

X = ACM floor tile + mastic removed

Bldg 5
1ST floor



Indus Systems, Inc.
2352, Main Street, Concord MA 01742
Tel: 978-461-0555
www.indus-systems.com

Drawing Title: FIRST FLOOR PLAN ARCHITECTURAL
Project Title: AS-BUILT Drawings
Date: 03-15-2010
Project No.
Drawing No.
Approved:
Approved:
Building Number: 05
Checked
Drawn
Location: VAMC TUSCALOOSA
Professional Seal
Signature
Date
VAMC, TUSCALOOSA
VA Department of Veterans Affairs



Indus Systems, Inc
2352, Main Street, Concord MA 01742
Tel: 978-461-0555
www.indus-systems.com

Drawing Title	SECOND FLOOR PLAN ARCHITECTURAL
Project Title	AS-BUILT Drawings
Date	03-15-2010
Project No	
Approved	
Building Number	05
Checked	
Drawn	
Drawing No.	
Approved	
Location	VAMC TUSCALOOSA

Revisions | Date | Professional Seal

VAMC, TUSCALOOSA | VA Department of Veterans Affairs

Bldg 5
2nd flor

X = Acm
floor tile + mastic
Removed



Indus Systems, Inc.
2352, Main Street, Concord MA 01742
Tel: 978-461-0555
www.indus-systems.com

Drawing Title: SECOND FLOOR PLAN ARCHITECTURAL
Project Title: AS-BUILT Drawings
Date: 03-15-2010
Project No.
Approved.
Approved.
Building Number: 05
Checked
Drawn
Drawing No.
Location: VAMC TUSCALOOSA

VAMC TUSCALOOSA
VA Department of Veterans Affairs

Revisions | Date
Professional Seal

APPENDIX F

BUILDING 6
FORMER VISN OFFICE BUILDING



INCLUDED IN APPENDIX F:

F-1 – Annual Asbestos Re-inspection Documentation

F-2 – Homogeneous Area / Sample Summary Table

F-3 – Sample/ACM Location Plans

F-4 – PLM Laboratory Reports

F-5 – Photographic Documentation

F-6 – Estimated Asbestos Abatement Costs

F-7 – Additional VAMC Supplied Notes/Information

APPENDIX F-1
Annual Asbestos Re-inspection Documentation

BUILDING 6 HOMOGENEOUS AREA LIST

HA 01 = LINOLEUM (BROWN)
HA 02 = LINOLEUM (BRICK-LIKE) - NAD
HA 03 = PLASTER, SMOOTH - NAD
HA 04 = PLASTER, ROUGH - NAD
HA 05 = CEILING TILE – 2' X 4' - NAD
HA 06 = ROOFING TAR – PARAPET WALL ONLY
HA 07 = DOWNSPOUT TAR (JOINTS – 2 EACH)
HA 08 = PIPE INSULATION (MAGNESIA-TYPE) – STEAM PIPING - INACCESSIBLE
HA 09 = PIPE INSULATION (CARDBOARD-TYPE) – DOMESTIC WATER PIPING - INACCESSIBLE
HA 10 = VINYL SHEET FLOORING (tan/beige/brown mosaic pattern)
HA 11 = WINDOW PANE GLAZING COMPOUND (EXTERIOR) – NAD
HA 12 = WINDOW FRAME CAULK
HA 13 = HVAC duct mastic (gray/green) - NAD

HA = HOMOGENEOUS AREA
HA = ASBESTOS CONTAINING MATERIAL
NAD = NO ASBESTOS DETECTED
HA (ITALICIZED) = IDENTIFIED BY SELC DURING 2014 RE-INSPECTION. OTHER HOMOGENEOUS AREAS IDENTIFIED DURING PREVIOUS RE-INSPECTIONS/INSPECTIONS BY OTHER CONSULTANTS.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 6 Homogeneous Area #: 01 Date: 7/15/14
Description: Linoleum (brown) Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Light brown vinyl sheet flooring. Square patterned with small diamond at square corners. Present above plywood in kitchen on right side, former kitchen on left side, and stair landings to basement. Also present in two second floor bathrooms. Looks relatively new. See Sample B6-3.

2009 Inspection Note: ACM/ACE with potential for damage. Fair condition

2002 Inspection Note: ACM/ACE with potential for damage. Side A Kitchen, first floor (150 SF)

1991 Inspection Note: ACM/ACE with potential for damage. Side B Kitchen, first floor (150 SF)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 6 Homogeneous Area #: 06 Date: 7/15/14
Description: Roofing tar (grey) Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Tar on parapet walls – Good condition, 200 ft^2

2009 Inspection Note: No comment / Outside scope of work

2002 Inspection Note: ACM/ACE with potential for damage. Parapet wall – good condition

1991 Inspection Note: Any remaining friable ACM or friable suspected ACM or ACE. 200 square feet on parapet wall

---

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 6 Homogeneous Area #: 07 Date: 7/15/14
Description: Downspout tar Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
__X__ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
(4)	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Downspout joints (2 each). Fair to poor condition.

2009 Inspection Note: No comment / Outside scope of work

2002 Inspection Note: ACM/ACE with potential for damage. Exterior of building – good condition

1991 Inspection Note: Any remaining friable ACM or friable suspected ACM or ACE. Downspout joints (2 each)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 6 Homogeneous Area #: 08 Date: 7/15/14
Description: Pipe Insulation, magnesia-type – steam piping Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
__X__ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Per VAMC personnel, asbestos containing TSI such as HA 08 has been removed/abated as needed since early 1990s in accessible chases, basement, attic, and crawlspaces as needed. Central HVAC system in use in Building 08. Reportedly abated from Sides A and B basements. Newer kraft-faced, fiberglass or foam insulation observed by SELC in accessible basement space (left side not accessible). However, HA 08 likely still present in inaccessible areas, such as wall and ceiling cavities (inside / above plaster).

2009 Inspection Note: 2008 - No asbestos detected. Indicated was abated from Sides A and B basements. NOTE: HA #08 was combined with HA #09. 2009 – N/A

2002 Inspection Note: No asbestos detected. Partially abated during fiscal year 2000. NOTE: HA #08 was combined with HA #09.

1991 Inspection Note: Damaged or significantly damaged TSI ACM or ACE. Basement (560 LF accessible / 220 LF inaccessible); 1st Floor (160 LF inaccessible);

Recommendation Response Action (circle applicable actions)

(*O&M*) (*Remove/Enclose/Encapsulate*) *Evacuate/Restrict*

Explain: Manage in place until such time as practical to remove/abate or encapsulate. Remove or encapsulate as needed/encountered prior to or as part of renovation/repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 6 Homogeneous Area #: 09 Date: 7/15/14
Description: Pipe Insulation, cardboard type – domestic water Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
__X__ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Per VAMC personnel, asbestos containing TSI such as HA 09 has been removed/abated as needed since early 1990s in accessible chases, basement, attic, and crawlspaces as needed. Reportedly abated from Sides A and B basements. Newer kraft-faced, fiberglass or foam insulation observed by SELC in accessible basement space (left side not accessible). However, HA 09 likely still present in inaccessible areas, such as wall and ceiling cavities (inside / above plaster).

2009 Inspection Note: 2008 - No asbestos detected. Indicated was abated from Sides A and B basements. NOTE: HA #08 was combined with HA #09. 2009 – N/A

2002 Inspection Note: No asbestos detected. Partially abated during fiscal year 2000. NOTE: HA #09 was combined with HA #08.

1991 Inspection Note: Damaged or significantly damaged TSI ACM or ACE. Basement (200 LF accessible / 60 LF inaccessible); 1st Floor (60 LF inaccessible); 2nd floor (8 LF inaccessible)

Recommendation Response Action (circle applicable actions)

(*O&M*) (*Remove/Enclose/Encapsulate*) *Evacuate/Restrict*

Explain: Manage in place until such time as practical to remove/abate or encapsulate. Remove or encapsulate as needed/encountered prior to or as part of renovation/repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 6 Homogeneous Area #: 10 Date: 7/15/14
Description: Linoleum (tan/beige/brown mosaic pattern) Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
(1)	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Tan/beige/brown mosaic patterned vinyl sheet flooring present below HA 01 on three steps and back landing to basement, on right side of building only. Good condition (below other flooring), ~ 30 ft^2. See Sample B6-1

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 6 Homogeneous Area #: 11 Date: 7/15/14
Description: Window glazing compound Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Off-white, hard window glazing compound applied to exterior face of wood window sashes. Only two wood windows present – both in attic. See sample B6-2.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 6 Homogeneous Area #: 12 Date: 7/15/14
Description: Window frame caulk Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
(3)	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Off-white/grey (hard, brittle) caulk present around exterior face of wood frames of four attic windows. Could not access exterior panes of attic windows for sampling. Assumed to be asbestos-containing, based on results of Buildings 8 and 15 sampling – same age/type of material. Fair to poor condition, ~50 LF.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 6 Homogeneous Area #: 13 Date: 7/15/14
Description: HVAC duct mastic (gray/green) Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Gray-green HVAC duct mastic applied at seams of metal ductwork in basement. No asbestos detected. See samples B6-4 and B6-5.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

APPENDIX F-2
Homogeneous Area / Sample Summary Table

HOMOGENEOUS AREA / SAMPLE SUMMARY TABLE PROJECT: 2014-1108 – BUILDING 6					
HOMG. AREA (HA#)	**HOMOGENEOUS AREA (HA) DESCRIPTION & LOCATION**	**HA TYPE (AHERA) EPA/OSHA CATG. (IF ACM) CONDITION (IF ACM)**	**SAMPLE NO.**	**ASBESTOS CONTENT**	**SAMPLE LOCATION**
01**	Light brown vinyl surfaced sheet flooring in kitchen areas and second floor bathrooms.	Miscellaneous Material Not ACM	B6-3	None Detected	1st floor kitchen
10	**Tan/beige/brown mosaic patterned vinyl sheet flooring present below HA 01 on three steps and back landing on first floor, right side of building.**	**Miscellaneous ACM NESHAP Category 2 Non-Friable ACM OSHA Class II Work Fair**	**B6-1**	**30% Chrysotile**	**1st floor landing, right side**
11	Window pane glazing compound (off-white/grey, brittle) on exterior face of wood windows of attic.	Miscellaneous Material Not ACM	B6-2	None Detected	Attic window
12	**Window frame caulk (off-white/grey, brittle) applied around exterior face of wood attic windows (2). Note: This material is presumed to be an ACM based on sampling results of same material at Buildings 8 and 15. These buildings are of similar age and construction.**	**Miscellaneous ACM NESHAP Category 2 Non-Friable ACM OSHA Class II Work Fair to poor**	**N/A**	**N/A**	**N/A**
13	HVAC Duct seam mastic (gray/green) applied at seams of metal ductwork in basement.	Miscellaneous Material Not ACM	B6-4	None Detected	Basement
			B6-5	None Detected	Basement
END OF TABLE					

Notes: 1. ** = Homogeneous area # previously identified by others.

2. If not demarked with an **, this is a new homogeneous area identified by SELC during this re-inspection

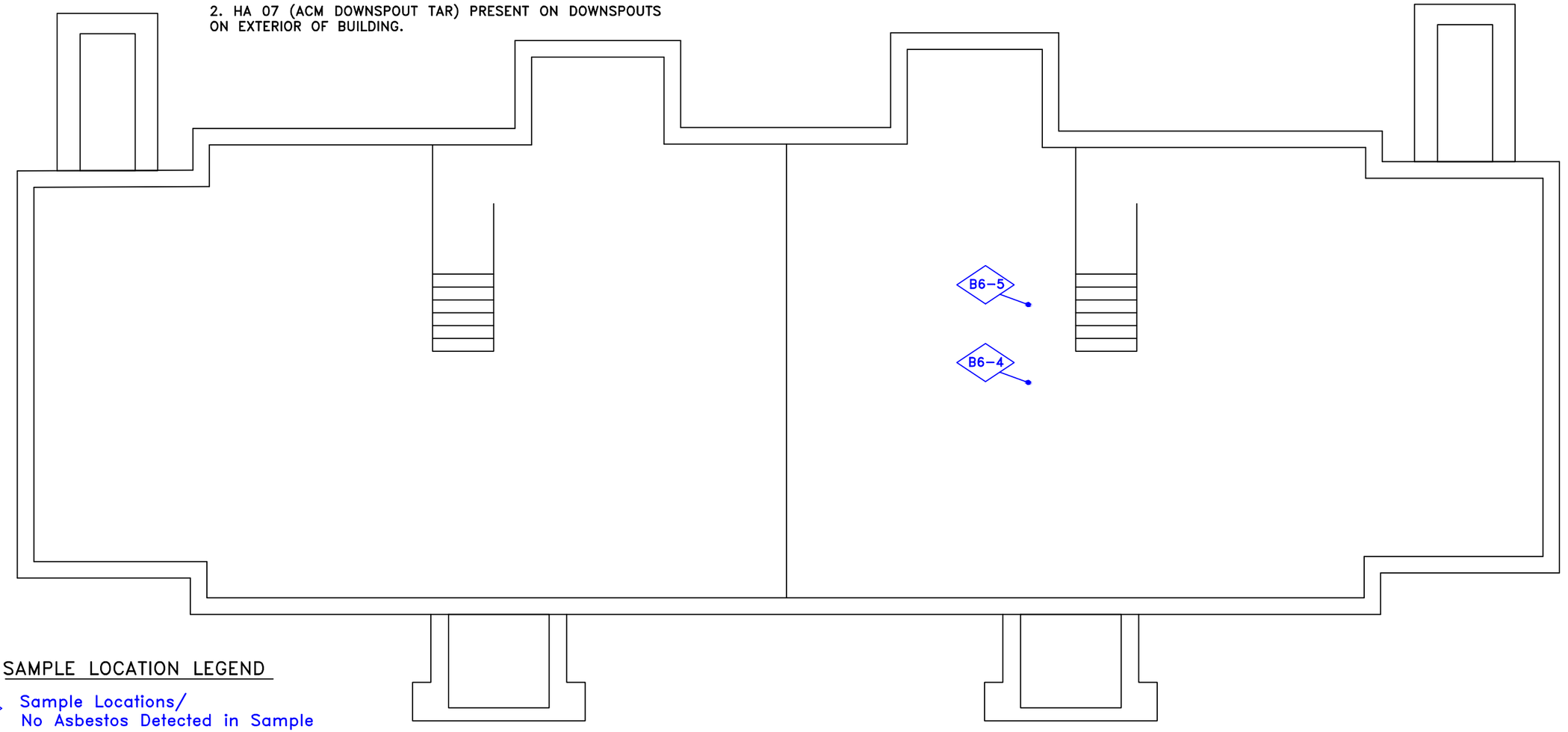
APPENDIX F-3
Sample/ACM Location Plans

ASBESTOS NOTES:

ACM = ASBESTOS CONTAINING MATERIAL

1. HA 08 AND 09 (ACM STEAM AND DOMESTIC WATER PIPE INSULATIONS) LIKELY PRESENT IN INACCESSIBLE LOCATIONS, SUCH AS WALL CAVITIES. NO HA 08 AND 09 OBSERVED IN ACCESSIBLE LOCATIONS.

2. HA 07 (ACM DOWNSPOUT TAR) PRESENT ON DOWNSPOUTS ON EXTERIOR OF BUILDING.



SAMPLE LOCATION LEGEND

B6-1 Sample Locations/ No Asbestos Detected in Sample

B6-1 Sample Locations/ Asbestos Detected in Sample

FRONT

NOT TO SCALE

BUILDING 6 – BASEMENT

SHEET 1: BUILDING 6 – BASEMENT

Safety Environmental Laboratories and Consulting, Inc.
SELC
989 Yeager Parkway
Pelham, AL 35124
(205) 823-6200 fax (205) 823-9066

PROJECT

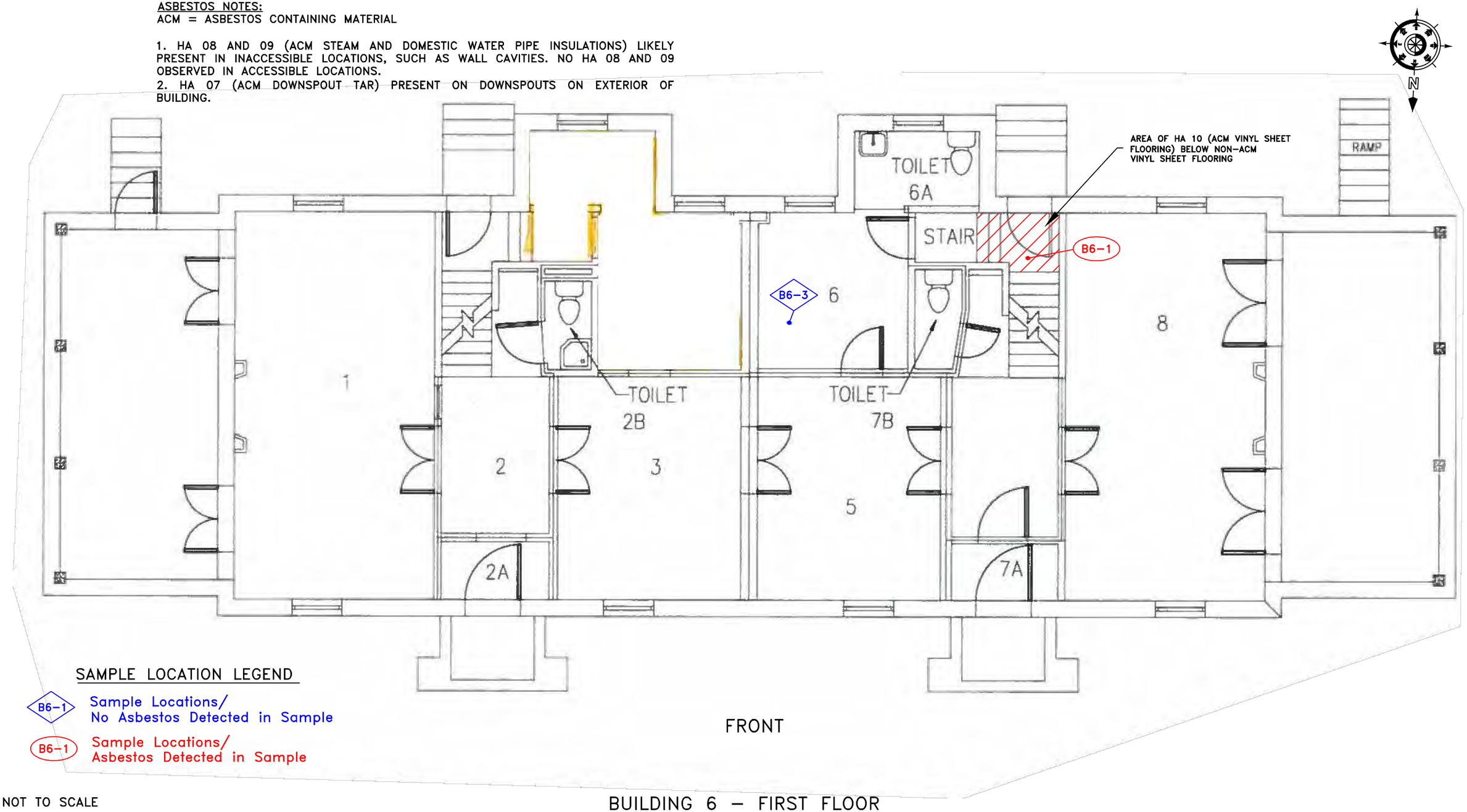
3-YEAR ASBESTOS RE-INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1108

BUILDING 6
BASEMENT
SHEET 1 OF 4

ASBESTOS NOTES:
ACM = ASBESTOS CONTAINING MATERIAL

1. HA 08 AND 09 (ACM STEAM AND DOMESTIC WATER PIPE INSULATIONS) LIKELY PRESENT IN INACCESSIBLE LOCATIONS, SUCH AS WALL CAVITIES. NO HA 08 AND 09 OBSERVED IN ACCESSIBLE LOCATIONS.
2. HA 07 (ACM DOWNSPOUT TAR) PRESENT ON DOWNSPOUTS ON EXTERIOR OF BUILDING.



SAMPLE LOCATION LEGEND

B6-1 Sample Locations/ No Asbestos Detected in Sample

B6-1 Sample Locations/ Asbestos Detected in Sample

NOT TO SCALE

BUILDING 6 – FIRST FLOOR

SHEET 2: BUILDING 6 – FIRST FLOOR

Safety Environmental Laboratories and Consulting, Inc.
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989 Yeager Parkway
Pelham, AL 35124
(205) 823-6200 fax (205) 823-9066

PROJECT

3-YEAR ASBESTOS RE-INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1108

BUILDING 6
FIRST FLOOR
SHEET 2 OF 4

ASBESTOS NOTES:

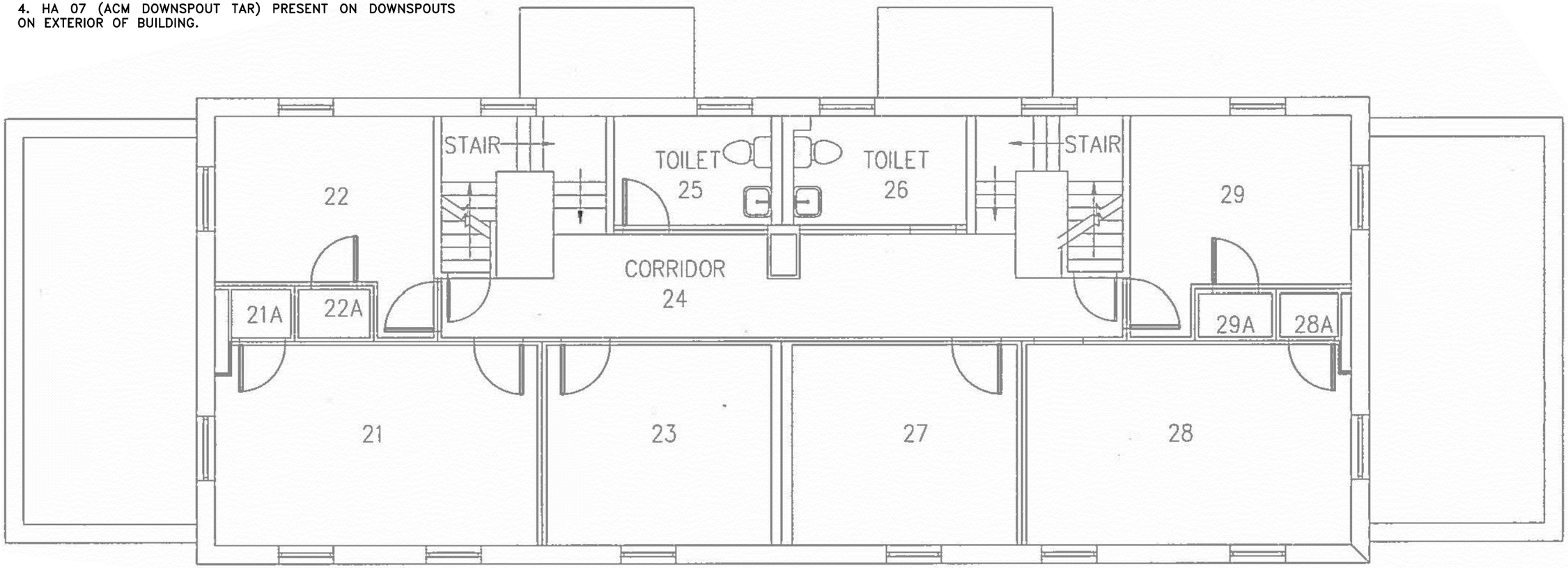
ACM = ASBESTOS CONTAINING MATERIAL

1. NO SAMPLES COLLECTED ON SECOND FLOOR.

2. HA 06 (ACM ROOF TAR) PRESENT ON PARAPET WALLS.

3. HA 08 AND 09 (ACM STEAM AND DOMESTIC WATER PIPE INSULATIONS) LIKELY PRESENT IN INACCESSIBLE LOCATIONS, SUCH AS WALL CAVITIES. NO HA 08 AND 09 OBSERVED IN ACCESSIBLE LOCATIONS.

4. HA 07 (ACM DOWNSPOUT TAR) PRESENT ON DOWNSPOUTS ON EXTERIOR OF BUILDING.



FRONT

NOT TO SCALE

BUILDING 6 – SECOND FLOOR

SHEET 3: BUILDING 6 – SECOND FLOOR

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PROJECT

3-YEAR ASBESTOS RE-INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1108

BUILDING 6
SECOND FLOOR
SHEET 3 OF 4

ASBESTOS NOTES:

ACM = ASBESTOS CONTAINING MATERIAL

1. HA 08 AND 09 (ACM STEAM AND DOMESTIC WATER PIPE INSULATIONS) LIKELY PRESENT IN INACCESSIBLE LOCATIONS, SUCH AS WALL CAVITIES. NO HA 08 AND 09 OBSERVED IN ACCESSIBLE LOCATIONS.

2. HA 07 (ACM DOWNSPOUT TAR) PRESENT ON DOWNSPOUTS ON EXTERIOR OF BUILDING.

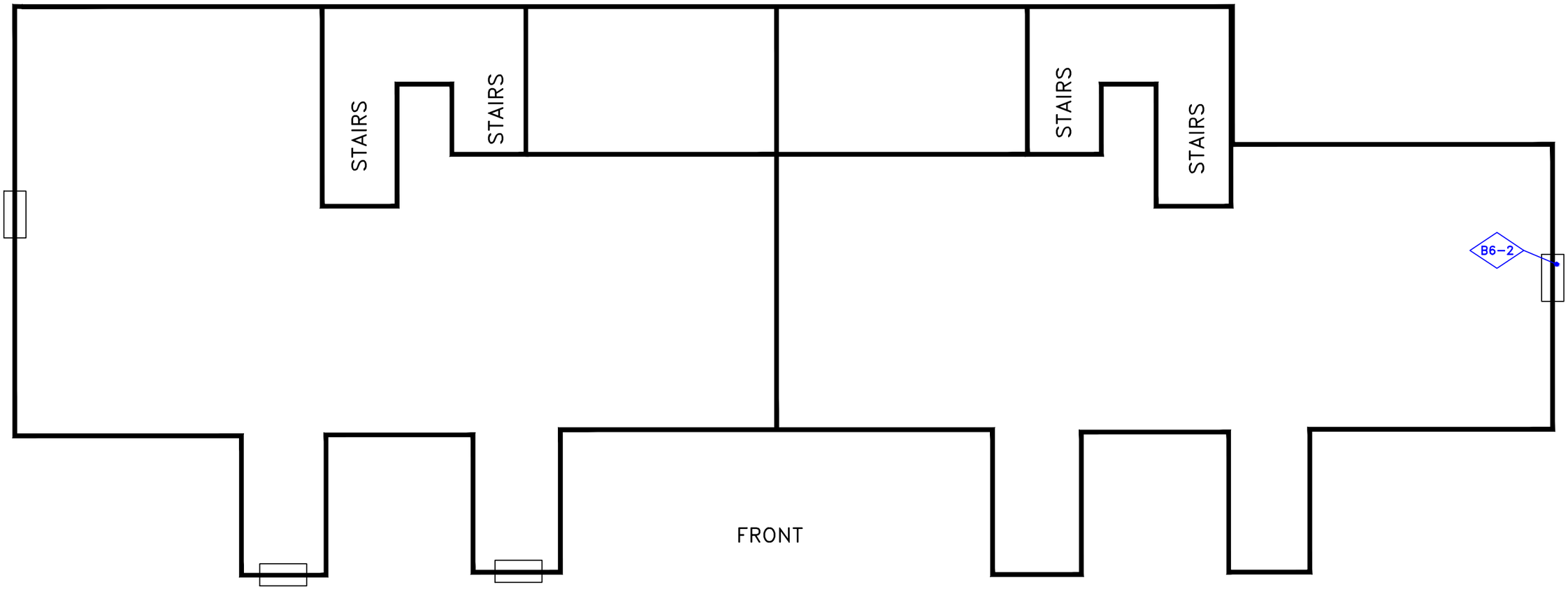
3. HA 12 (ACM WINDOW FRAME CAULK) AROUND EXTERIOR FACE OF ATTIC WINDOWS.

SAMPLE LOCATION LEGEND

B6-1 Sample Locations/ No Asbestos Detected in Sample

B6-1 Sample Locations/ Asbestos Detected in Sample

N



NOT TO SCALE

BUILDING 6 – ATTIC

SHEET 4: BUILDING 6 – ATTIC

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PROJECT

3-YEAR ASBESTOS RE-INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1108

BUILDING 6
ATTIC
SHEET 4 OF 4

APPENDIX F-4
PLM Laboratory Reports

Safety Environmental Laboratories and Consulting, Inc.

Asbestos Bulk Sample Analysis Report

989 Yeager Pkwy.
Pelham, AL 35124

Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

Customer: **Safety Environmental Laboratories and Consulting, Inc.**
989 Yeager Parkway
Pelham, AL 35124

Telephone: **205-823-6200** Fax: **205-823-9066**

Sample Receipt Date: 08/06/2014
Sample Analysis Date: 08/07/2014
Sample Report Date: 08/07/2014

Project Name: **VAMC Tuscaloosa**
Project Location: **Building 6**

SELC Project #: **2014-1108**

Asbestos Identification in Bulk Materials by Polarized Light Microscopy

EPA/600/R-93/116 July 1993 – Method for the Determination of Asbestos in Bulk Building Materials

Note: See Attached Notes and Descriptions Sheet for Applicable Abbreviations and Notes

Customer Sample No.	Lab Sample No.	Sub-sample No.	Layer No.	Sample Location / Description	Homo-geneous (yes/no)	Asbestos % and Type	% Non-Asbestos Fibers	% Non-Fibrous Material
B6-1	24	N/A		Vinyl Sheet Flooring – 1st Floor – Right Side				
			1	Vinyl – Tan, Resinously Bound	N	None Detected	None Detected	100%
			2	Backing – Gray, Fibrous	N	30% Chrysotile	30% Cellulose Fibers	40%
B6-2	25	N/A	1	Exterior Window Pane Glazing Compound – Attic Window Glazing – Gray, Hard	N	None Detected	None Detected	100%
B6-3	26	N/A		Vinyl Sheet Flooring – 1st Floor Kitchen				
			1	Vinyl – Gray, Resinously Bound	N	None Detected	None Detected	100%
			2	Backing – White, Fibrous	N	None Detected	40% Cellulose Fibers 10% Fiberglass	50%
			3	Mastic – White, Soft	N	None Detected	None Detected	100%
B6-4	27	N/A	1	HVAC Duct Seam Mastic – Basement Duct Mastic – Gray, Soft	N	None Detected	2% Cellulose Fibers	98%
B6-5	28	N/A	1	HVAC Duct Seam Mastic – Basement Duct Mastic – Gray, Soft	N	None Detected	2% Cellulose Fibers	98%

☒ This report is **FINAL** ☐ This report is **PRELIMINARY** – pending final QC

Analyst
Kris Parker – Asbestos Analyst

Technical Review
Brian Ray – Asbestos Analyst

Quality Review
Carol Findlay – Microscopy Manager

989 Yeager Pkwy.
Pelham, AL 35124

Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

PLM Notes and Descriptions

1. Upper detection limit: 100%. Lower detection limit: <1%.
2. Bulk Samples will be stored for 3 months and will then be disposed of in an approved EPA landfill.
3. Analysis of floor tile or any other resinously bound materials by polarized light microscopy (PLM) using EPA Method 600/R-93/116 dated July 1993 may yield false-negative results because of method limitations in separating closely bound fibers from matrix material and in detecting fibers of small length and/or diameter. When analysis of such materials by the EPA PLM Method yields negative results for the presence of asbestos we recommend utilizing alternative methods of identification such as Gravimetry, XRD or AEM.
4. Samples are not homogenized by SELC prior to analysis. Distinct material layers within a sample are analyzed and reported separately by SELC. When multiple products are submitted by the customer under one sample number, SELC indicates those distinct products as sub-samples. SELC retains all samples numbers but will designate a sample number to those that are not given a sample number by the customer.
5. Percentages given are based on a visual estimated calibration.
6. Safety Environmental Laboratories and Consulting, Inc. is a NVLAP accredited laboratory, Lab Code: 200873-0 (ISO/IEC Standard 17025:2005 Compliant).
7. Results relate only to the samples tested. All tests were performed under the scope of SELC's NVLAP accreditation, unless indicated otherwise.
8. All samples were received in a condition suitable for analysis ("Good"), unless otherwise noted.
9. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.
10. Analytical Instrument: Olympus Polarized Light Microscope Series BH-2 Model BHT-002

Analyst
Kris Parker – Asbestos Analyst

Technical Review
Brian Ray – Asbestos Analyst

Quality Review
Carol Findlay – Microscopy Manager

Safety Environmental Laboratories and Consulting, Inc.

989 Yeager Pkwy.
Pelham, AL 35124
Phone: (205) 823-6200
Fax: (205) 823-9066

Environmental, Health, and Safety Solutions

SELC

Chain of Custody Form

Customer: Safety Environmental Labs and Consulting, Inc.
Address: 989 Yeager Parkway
Pelham, AL 35126
Phone: 205-823-6200 Fax: 205-823-9066
E-mail:

Project Number: 2014-1108
Project Name: VAMC Tuscaloosa
Project Location: Building 6
PO Number:
SELC Proj. #:

Sample Type
- ☐ Air
- ☒ Bulk
- ☐ Paint
- ☐ Soil
- ☐ Waste
- ☐ Other:

Asbestos Analysis
- ☐ Asbestos Air - PCM
- ☐ Asbestos Air - TEM
- ☒ PLM (EPA 600/R-93/116)
- ☐ PLM (EPA Point Count)
- ☐ Other:

Metals Analysis
- ☐ Total Conc. - Lead
- ☐ Total Conc. - RCRA 8-Metals
- ☐ TCLP - Lead
- ☐ TCLP - RCRA 8-Metals
- ☐ TCLP - Full (w/ organics)
- ☐ Other:

Turn-Around Time*
- ☐ Rush/Same Day†
- ☐ 24 Hours
- ☐ 48 Hours
- ☒ 3 Business Days
- ☐ 4 Business Days
- ☐ Other:

- Field blanks should be submitted with all samples -

** Some TAT not available for all tests Must schedule rush organics, multi-metals, and weekend tests in advance*
† Same day not available after 2:00 PM

Sample #	Date Sampled	Sample Description (e.g. Employee Name, SSN, Bldg, Material)	Area Wiped (ft²)	Type ‡ A/B/P/E	Time of Sampling Start	Time of Sampling Stop	Flow Rate (L/min) Start	Flow Rate (L/min) Stop	Total Vol. (L)	SELC USE ONLY #	SELC USE ONLY Cond
B6-1	7/15/14	Vinyl Sheet Flooring - 1st FL - Right Side								24	G
B6-2	"	Ext. Window Pane Glazing Cmpd - Attic								25	"
B6-3	"	Vinyl Sheet Flooring - 1st FL Kitchen								26	"
B6-4	"	HVAC Duct Seam Mastic - Basement								27	"
B6-5	"	HVAC Duct Seam Mastic - Basement								28	"

‡ A - Area, B - Blank, P - Personal, E - Excursion

Sampled By:
Signature
Elizabeth Hyde

Relinquished by:

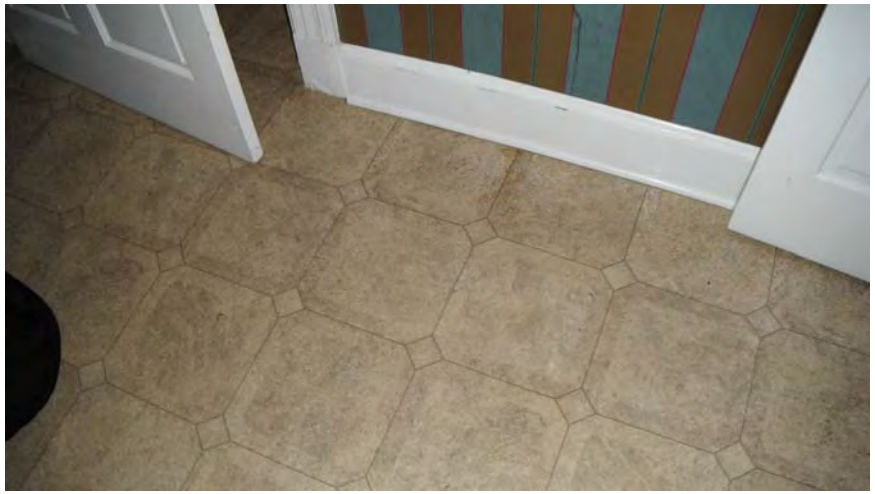
Signature	Date	Time
Elizabeth Hyde	8/13/14	5:00 pm

Received By:

Signature	Date	Time
Betty Lindsey	8/6/14	8:25 am

APPENDIX F-5
Photographic Documentation

Photographic Documentation – 3 Year Asbestos Re-inspection – Building 6



PHOTOGRAPH 1
HA 01 – Brown vinyl sheet flooring in first floor kitchens and landings. Not an asbestos containing material (ACM).



PHOTOGRAPH 3
HA 06 – Tar on parapet walls (present on each end of roof).



PHOTOGRAPH 2
HA 01 – Brown vinyl sheet flooring in upstairs/2nd floor bathrooms. Not an asbestos containing material (ACM).



PHOTOGRAPH 4
HA 07 – Downspout tar.

Photographic Documentation – 3 Year Asbestos Re-inspection – Building 6



PHOTOGRAPH 5
HA 10 – ACM Vinyl sheet flooring present below HA 01 at first floor back stair landing and steps.



PHOTOGRAPH 7
HA 13 – Mastic on HVAC ductwork. Not an ACM.



PHOTOGRAPH 6
HA 11 & 12 – Window glazing compound and window frame caulk applied to exterior face of two original attic windows.

NO PHOTOGRAPH

APPENDIX F-6
Estimated Asbestos Abatement Costs

BUILDING 6 ESTIMATED ASBESTOS ABATEMENT COSTS				
HA NUMBER(S)	**TYPE OF ACM**	**FRIABLE/ NON-FRIABLE**	**APPROXIMATE QUANTITY**	**ESTIMATED ABATEMENT COSTS**
06	Roofing tar	Non-Friable	~ 200 square feet	$1,000
07	Downspout tar	Non-Friable	2 each	~ $250 per down spout
08 (see Note 5)	Steam system pipe insulation (“magnesia”-type)	Friable	NP	NP
09 (see Note 5)	Domestic water system pipe insulation (“cardboard”-like)	Friable	NP	NP
10	Vinyl surfaced sheet flooring	Non-Friable	30	$150
12	Window frame caulk (exterior)	Non-Friable	~ 50 linear feet	$500

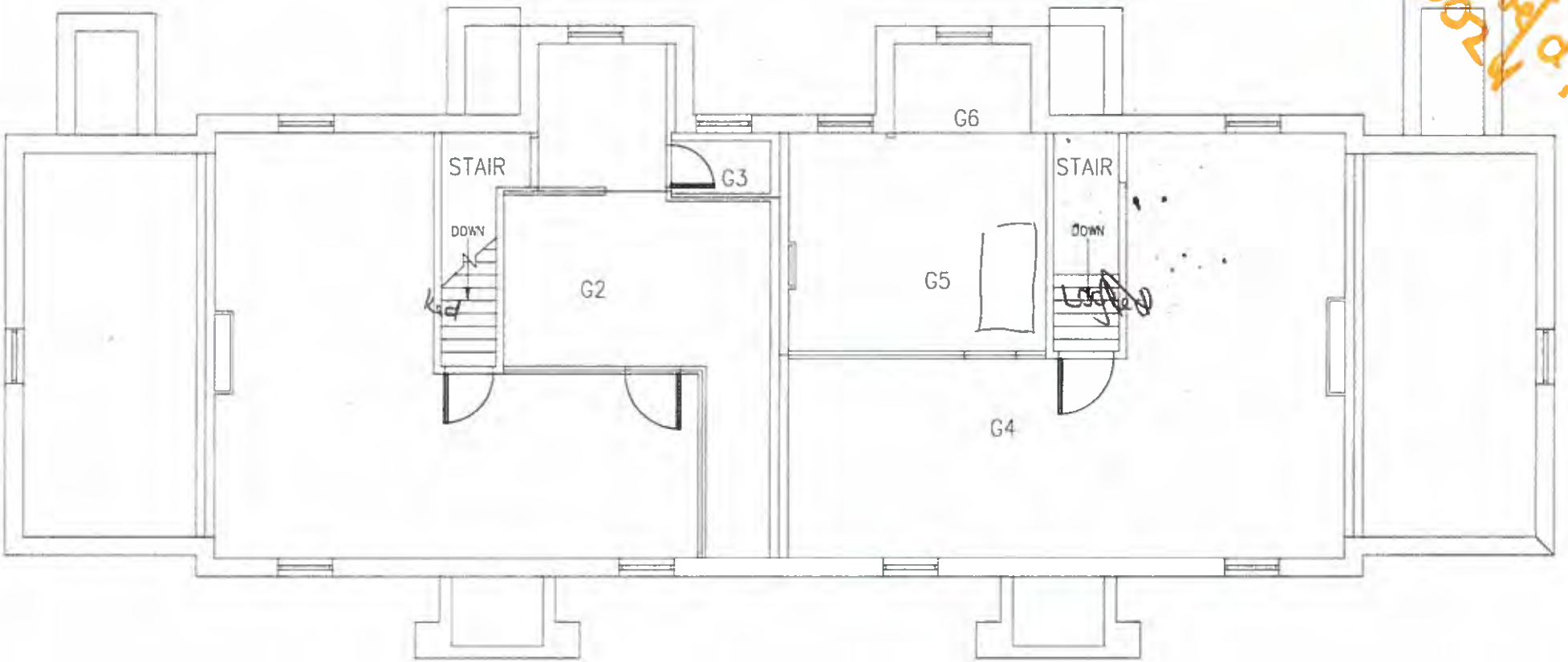
Notes:

1. ACM = Asbestos containing material
2. NP = Not provided
3. Costs provided are general estimates for information purposes only. A complete and specific cost estimate should be obtained from Alabama accredited asbestos abatement companies prior to any abatement project.
4. Quantity and cost estimates provided only for observable ACM/homogeneous area. Cost estimates are not provided for inaccessible areas of a homogeneous group.

APPENDIX F-7
Additional VAMC Supplied Notes/Information

Side A Kitchen floor (brown linoleum) 2009

ACM pipe ends removed 2002



Indus Systems, Inc.
2352, Main Street, Concord MA 01742
Tel: 978-461-0555
www.indus-systems.com

Drawing Title: BASEMENT FLOOR PLAN ARCHITECTURAL
Project Title: AS-BUILT Drawings
Date: 03-01-2010
Project No.
Approved:
Approved:
Building Number: 06
Checked
Drawn
Location: VAMC TUSCALOOSA
Drawing No.

Revisions | Date

Professional Seal

VAMC TUSCALOOSA

VA Department of Veterans Affairs

APPENDIX I

BUILDING 12
WAREHOUSE



INCLUDED IN APPENDIX I:

I-1 – Annual Asbestos Re-inspection Documentation

I-2 – Homogeneous Area / Sample Summary Table

I-3 – Sample/ACM Location Plans

I-4 – PLM Laboratory Reports

I-5 – Photographic Documentation

I-6 – Estimated Asbestos Abatement Costs

I-7 – Additional VAMC Supplied Notes/Information

APPENDIX I-1
Annual Asbestos Re-inspection Documentation

BUILDING 12 HOMOGENEOUS AREA LIST

HA 01 = 12" FLOOR TILE (MULTI-BROWN) - REMOVED
HA 02 = CEILING TILE – 2' X 4' GROOVE AND PINHOLE (OLD) - NAD
HA 03 = CEILING TILE – 2' X 2' GROOVE AND PINHOLE (NEW) - NAD
HA 04 = ROOFING TAR
HA 05 = DOWNSPOUT TAR (JOINTS)
HA 06 = PIPE INSULATION IN CRAWLSPACE
HA 07 = HVAC DUCT SEAM MASTIC

HA = HOMOGENEOUS AREA
HA = ASBESTOS CONTAINING MATERIAL
NAD = NO ASBESTOS DETECTED
HA (ITALICIZED) = IDENTIFIED BY SELC DURING 2014 RE-INSPECTION. OTHER HOMOGENEOUS AREAS IDENTIFIED DURING PREVIOUS RE-INSPECTIONS/INSPECTIONS BY OTHER CONSULTANTS.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 12 Homogeneous Area #: 01 Date: 7/16/14
Description: 12" x 12" Floor tile (multi-brown) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed per 2002 report. Newer (presumably circa 2002 or later) brown tile and mastic present below newly installed Centiva flooring.

2009 Inspection Note: No comment / Building outside scope of work

2002 Inspection Note: Removed, per 2002 report.

1991 Inspection Note: ACM/ACE with potential for damage. Room 4 – 385 SF

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 12 Homogeneous Area #: 04 Date: 7/16/14
Description: Roofing Tar Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Exterior of building. Good condition.

2009 Inspection Note: No comment / Building outside scope of work

2002 Inspection Note: ACM or ACE with potential for damage. Exterior of building. Good condition.

1991 Inspection Note: Any remaining friable ACM or friable suspected ACM or ACE. Roof (300 SF)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 12 Homogeneous Area #: 05 Date: 7/16/14
Description: Downspout Tar Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Exterior of building. Good to fair condition.

2009 Inspection Note: No comment / Building outside scope of work

2002 Inspection Note: ACM or ACE with potential for damage. Exterior of building. Good condition.

1991 Inspection Note: Any remaining friable ACM or friable suspected ACM or ACE. Downspout joints (3 each)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 12 Homogeneous Area #: 06 Date: 7/16/14 & 8/6/14
Description: Pipe Insulation, metal jacketed – Crawlspace Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: White and tan fibrouse, hard insulation on steam piping in crawlspace. Is covered with metal jacketing on straight runs and cloth at elbows. Good to fair condition. No asbestos detected in samples B12-2, B12-3, B12-4.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 12 Homogeneous Area #: 07 Date: 7/16/14
Description: Gray/green HVAC duct seam mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Gray/green HVAC duct seam mastic on HVAC ductwork in left warehouse.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

APPENDIX I-2
Homogeneous Area / Sample Summary Table

HOMOGENEOUS AREA / SAMPLE SUMMARY TABLE PROJECT: 2014-1108 – BUILDING 12					
HOMG. AREA (HA#)	**HOMOGENEOUS AREA (HA) DESCRIPTION & LOCATION**	**HA TYPE (AHERA) EPA/OSHA CATG. (IF ACM) CONDITION (IF ACM)**	**SAMPLE NO.**	**ASBESTOS CONTENT**	**SAMPLE LOCATION**
06	White and tan, compacted fibrous insulation (cloth wrapped) on what is presumably steam piping in crawlspace of original building. On straight runs, this insulation is covered with metal jacketing. No metal jacketing on bends/elbows. Other fittings covered with vinyl.	TSI Material Not ACM	B12-2	None Detected	Crawlspace
			B12-3	None Detected	Crawlspace
			B12-4	None Detected	Crawlspace
07	HVAC/AHU Duct seam mastic (gray/green) observed on one seam of AHU ductwork in left side warehouse.	Miscellaneous Material Not ACM	B12-1	None Detected	Left side warehouse
END OF TABLE					

Notes: 1. ** = Homogeneous area # previously identified by others.

2. If not demarked with an **, this is a new homogeneous area identified by SELC during this re-inspection

APPENDIX I-3
Sample/ACM Location Plans

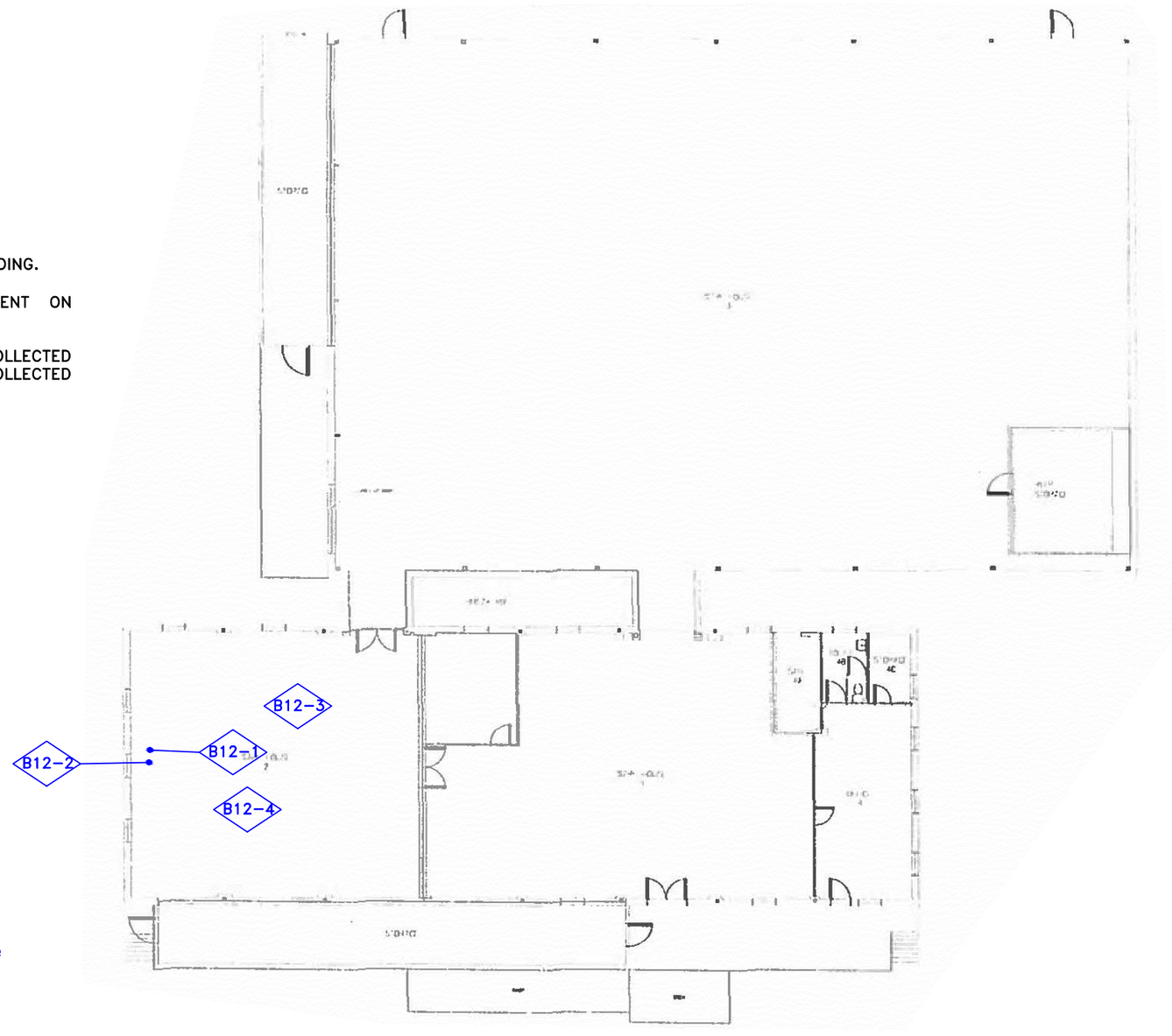
ASBESTOS NOTES:

ACM = ASBESTOS CONTAINING MATERIAL

1. HA 04 (ACM ROOF TAR) PRESENT ON BUILDING.

2. HA 05 (ACM DOWNSPOUT TAR) PRESENT ON DOWNSPOUTS ON EXTERIOR OF BUILDING.

3. SAMPLES B12–2 THROUGH B12–4 COLLECTED FROM CRAWLSPACE. SAMPLE B12–3 COLLECTED FROM INSIDE BUILDING.



SAMPLE LOCATION LEGEND

B12–1 Sample Locations/ No Asbestos Detected in Sample

B12–1 Sample Locations/ Asbestos Detected in Sample

NOT TO SCALE

BUILDING 12

SHEET 1: BUILDING 12	Safety Environmental Laboratories and Consulting, Inc. SELC 989 Yeager Parkway Pelham, AL 35124 (205) 823–6200 fax (205) 823–9066	PROJECT 3–YEAR ASBESTOS RE–INSPECTION VAMC TUSCALOOSA 3701 LOOP ROAD TUSCALOOSA, ALABAMA 35404 SELC PROJECT NO.: 2014–1108	BUILDING 12 SHEET 1 OF 1

APPENDIX I-4
PLM Laboratory Reports

Safety Environmental Laboratories and Consulting, Inc.

Asbestos Bulk Sample Analysis Report

989 Yeager Pkwy.
Pelham, AL 35124

Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

Customer: **Safety Environmental Laboratories and Consulting, Inc.**
989 Yeager Parkway
Pelham, AL 35124

Telephone: **205-823-6200** Fax: **205-823-9066**

Project Name: **VAMC Tuscaloosa**
Project Location: **Building 12**

SELC Project #: **2014-1108**

Sample Receipt Date: 08/07/2014
Sample Analysis Date: 08/11/2014
Sample Report Date: 08/12/2014

Asbestos Identification in Bulk Materials by Polarized Light Microscopy

EPA/600/R-93/116 July 1993 – Method for the Determination of Asbestos in Bulk Building Materials

Note: See Attached Notes and Descriptions Sheet for Applicable Abbreviations and Notes

Customer Sample No.	Lab Sample No.	Sub-sample No.	Layer No.	Sample Location / Description	Homo-geneous (yes/no)	Asbestos % and Type	% Non-Asbestos Fibers	% Non-Fibrous Material
B12-1	71	N/A	1	HVAC Duct Seam Mastic – Left Room Duct Seam Mastic – Gray, Resinously Bound	N	None Detected	45% Cellulose Fibers	55%
B12-2	72	N/A	1	Steam Pipe Insulation – Crawlspace Insulation – White/Blue, Fibrous	N	None Detected	20% Cellulose Fibers	80%
B12-3	73	N/A	1	Steam Pipe Insulation on Elbow – Crawlspace Insulation – Tan, Fibrous	Y	None Detected	10% Cellulose Fibers 10% Synthetic Fibers	80%
B12-4	74	N/A		Steam Pipe Insulation – Crawlspace				
			1	Insulation – Tan, Fibrous	Y	None Detected	10% Cellulose Fibers 10% Synthetic Fibers	80%
			2	Wrap – Tan/White, Brittle/Fibrous	N	None Detected	40% Fiberglass	60%

☒ This report is **FINAL** ☐ This report is **PRELIMINARY** – pending final QC

Analyst
Carol Findlay – Microscopy Manager

Technical Review
Brian Ray – Asbestos Analyst

Quality Review
Carol Findlay – Microscopy Manager

989 Yeager Pkwy.
Pelham, AL 35124

Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

PLM Notes and Descriptions

1. Upper detection limit: 100%. Lower detection limit: <1%.
2. Bulk Samples will be stored for 3 months and will then be disposed of in an approved EPA landfill.
3. Analysis of floor tile or any other resinously bound materials by polarized light microscopy (PLM) using EPA Method 600/R-93/116 dated July 1993 may yield false-negative results because of method limitations in separating closely bound fibers from matrix material and in detecting fibers of small length and/or diameter. When analysis of such materials by the EPA PLM Method yields negative results for the presence of asbestos we recommend utilizing alternative methods of identification such as Gravimetry, XRD or AEM.
4. Samples are not homogenized by SELC prior to analysis. Distinct material layers within a sample are analyzed and reported separately by SELC. When multiple products are submitted by the customer under one sample number, SELC indicates those distinct products as sub-samples. SELC retains all samples numbers but will designate a sample number to those that are not given a sample number by the customer.
5. Percentages given are based on a visual estimated calibration.
6. Safety Environmental Laboratories and Consulting, Inc. is a NVLAP accredited laboratory, Lab Code: 200873-0 (ISO/IEC Standard 17025:2005 Compliant).
7. Results relate only to the samples tested. All tests were performed under the scope of SELC's NVLAP accreditation, unless indicated otherwise.
8. All samples were received in a condition suitable for analysis ("Good"), unless otherwise noted.
9. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.
10. Analytical Instrument: Olympus Polarized Light Microscope Series BH-2 Model BHT-002

Analyst	**Technical Review**	**Quality Review**
Carol Findlay – Microscopy Manager	Brian Ray – Asbestos Analyst	Carol Findlay – Microscopy Manager

Safety Environmental Laboratories and Consulting, Inc.

989 Yeager Pkwy. Phone: (205) 823-6200
Pelham, AL 35124 Fax: (205) 823-9066

Environmental, Health, and Safety Solutions

SELC

Chain of Custody Form

Customer: Safety Environmental Labs and Consulting, Inc.
Address: 989 Yeager Parkway
Pelham, AL 35126
Phone: 205-823-6200 Fax: 205-823-9066
E-mail:

Project Number: 2014-1108
Project Name: VAMC Tuscaloosa
Project Location: Building 12
PO Number:
SELC Proj. #:

Sample Type
- ☐ Air
- ☒ Bulk
- ☐ Paint
- ☐ Soil
- ☐ Waste
- ☐ Other:

Asbestos Analysis
- ☐ Asbestos Air - PCM
- ☐ Asbestos Air - TEM
- ☒ PLM (EPA 600/R-93/116)
- ☐ PLM (EPA Point Count)
- ☐ Other:

Metals Analysis
- ☐ Total Conc. - Lead
- ☐ Total Conc. - RCRA 8-Metals
- ☐ TCLP - Lead
- ☐ TCLP - RCRA 8-Metals
- ☐ TCLP - Full (w/ organics)
- ☐ Other:

Turn-Around Time*
- ☐ Rush/Same Day†
- ☐ 24 Hours
- ☒ 48 Hours
- ☐ 3 Business Days
- ☐ 4 Business Days
- ☐ Other:

- Field blanks should be submitted with all samples -

* *Some TAT not available for all tests. Must schedule rush organics, multi-metals, and weekend tests in advance.*
† *Same day not available after 2:00 PM*

Sample #	Date Sampled	Sample Description (e.g. Employee Name, SSN, Bldg, Material)	Area Wiped (ft²)	Type ‡ A/B/P/E	Time of Sampling Start	Time of Sampling Stop	Flow Rate (L/min) Start	Flow Rate (L/min) Stop	Total Vol. (L)	SELC USE ONLY #	SELC USE ONLY Cond
B12-1	7/16/14	HVAC Duct seam mastic - Left Room								71	G
B12-2	↓	Steam pipe insulation - Crawlspace								72	↓
B12-3	8/6/14	Steam pipe insulation on elbow - Crawlspace								73	
B12-4	↓	Steam pipe insulation - Crawlspace								74	↓

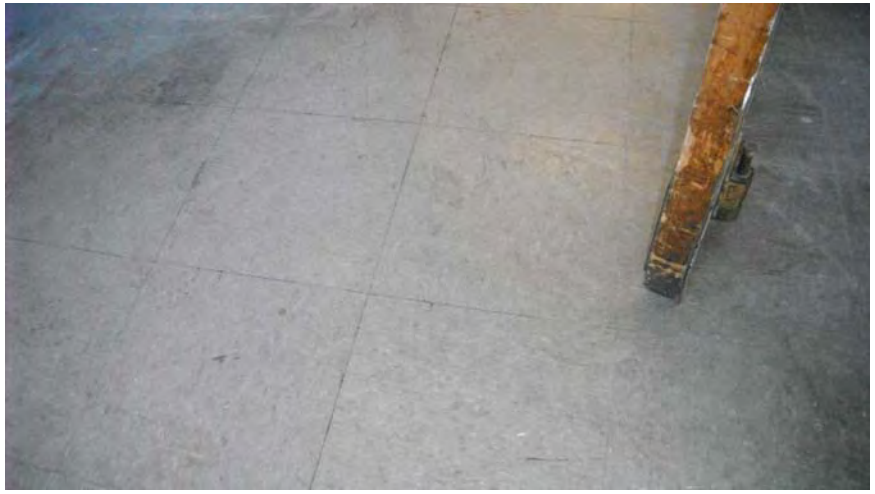
‡ A - Area, B - Blank, P - Personal, E - Excursion

Sampled By:
Signature
Elizabeth Hyde

Relinquished by: Signature	Date	Time	Received By: Signature	Date	Time
Elizabeth Hyde	8/7/14	8:15am	Betty Lindsey	8/7/14	12:50 pm

APPENDIX I-5
Photographic Documentation

Photographic Documentation – 3 Year Asbestos Re-inspection – Building 12



PHOTOGRAPH 1
Presumably newer 12” VCT in Room 4, now covered with Centiva flooring.



PHOTOGRAPH 3
HA 06 – Insulation covered with metal jacketing in crawlspace. No asbestos detected in sample collected from insulation below metal jacketing..



PHOTOGRAPH 2
View of HA 07, non-ACM gray/green duct seam mastic.



PHOTOGRAPH 4
HA 06 – Insulation on piping (presumably steam) in crawlspace. No asbestos detected in sample collected from this pipe.

APPENDIX I-6
Estimated Asbestos Abatement Costs

BUILDING 12 ESTIMATED ASBESTOS ABATEMENT COSTS				
HA NUMBER(S)	**TYPE OF ACM**	**FRIABLE/ NON-FRIABLE**	**APPROXIMATE QUANTITY**	**ESTIMATED ABATEMENT COSTS**
04	Roofing tar	Non-Friable	~ 300 square feet	$1,500
05	Downspout tar	Non-Friable	~ 3 each per down spout	$250 per down spout

Notes:

1. HA = Homogeneous area
2. ACM = Asbestos containing material
3. NP = Not provided
4. Costs provided are general estimates for information purposes only. A complete and specific cost estimate should be obtained from Alabama accredited asbestos abatement contractors prior to any abatement project.
5. Quantity and cost estimates are provided only for observable ACM/homogeneous area. Cost estimates are not provided for inaccessible portions/quantities of a homogeneous group.

APPENDIX I-7
Additional VAMC Supplied Notes/Information

(NONE INCLUDED)

APPENDIX K

BUILDING 17
SHOPS BUILDING



INCLUDED IN APPENDIX K:

K-1 – Annual Asbestos Re-inspection Documentation

K-2 – Homogeneous Area / Sample Summary Table

K-3 – Sample/ACM Location Plans

K-4 – PLM Laboratory Reports

K-5 – Photographic Documentation

K-6 – Estimated Asbestos Abatement Costs

K-7 – Additional VAMC Supplied Notes/Information

APPENDIX K-1
Annual Asbestos Re-inspection Documentation

BUILDING 17 HOMOGENEOUS AREA LIST

HA 01 = ACM BLACK MASTIC BELOW NON-ACM 12" FLOOR TILE (MULTI-BROWN)

HA = HOMOGENEOUS AREA
HA = ASBESTOS CONTAINING MATERIAL
NAD = NO ASBESTOS DETECTED
HA (ITALICIZED) = IDENTIFIED BY SELC DURING 2014 RE-INSPECTION. OTHER HOMOGENEOUS AREAS IDENTIFIED DURING PREVIOUS RE-INSPECTIONS/INSPECTIONS BY OTHER CONSULTANTS.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 17 Homogeneous Area #: 01 Date: 7/16/14
Description: 12" Multi-brown vinyl floor tile & black mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
X ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	(Good)	(Potential for Damage)
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: 12" x 12" Vinyl composition floor tile (multi-brown) and black mastic in rooms 4A and 4B in plumbing shop. Asbestos (5% chrysotile) detected in mastic; no asbestos detected in tile. See sample B17-1. ~ 250 square feet, fair condition

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

APPENDIX K-2
Homogeneous Area / Sample Summary Table

HOMOGENEOUS AREA / SAMPLE SUMMARY TABLE PROJECT: 2014-1108 – BUILDING 17					
HOMG. AREA (HA#)	**HOMOGENEOUS AREA (HA) DESCRIPTION & LOCATION**	**HA TYPE (AHERA) EPA/OSHA CATG. (IF ACM) CONDITION (IF ACM)**	**SAMPLE NO.**	**ASBESTOS CONTENT**	**SAMPLE LOCATION**
01	12” x 12” Vinyl composition floor tile (multi-brown) and black mastic atop concrete subfloor in Rooms 4A and 4B in plumbing shop portion of building 17.	Miscellaneous ACM NESHAP Category 2 Non-Friable ACM OSHA Class II Work Fair	B17-1	None Detected in Tile **5% Chrysotile in Mastic**	Room 4A
END OF TABLE					

Notes: 1. ** = Homogeneous area # previously identified by others.

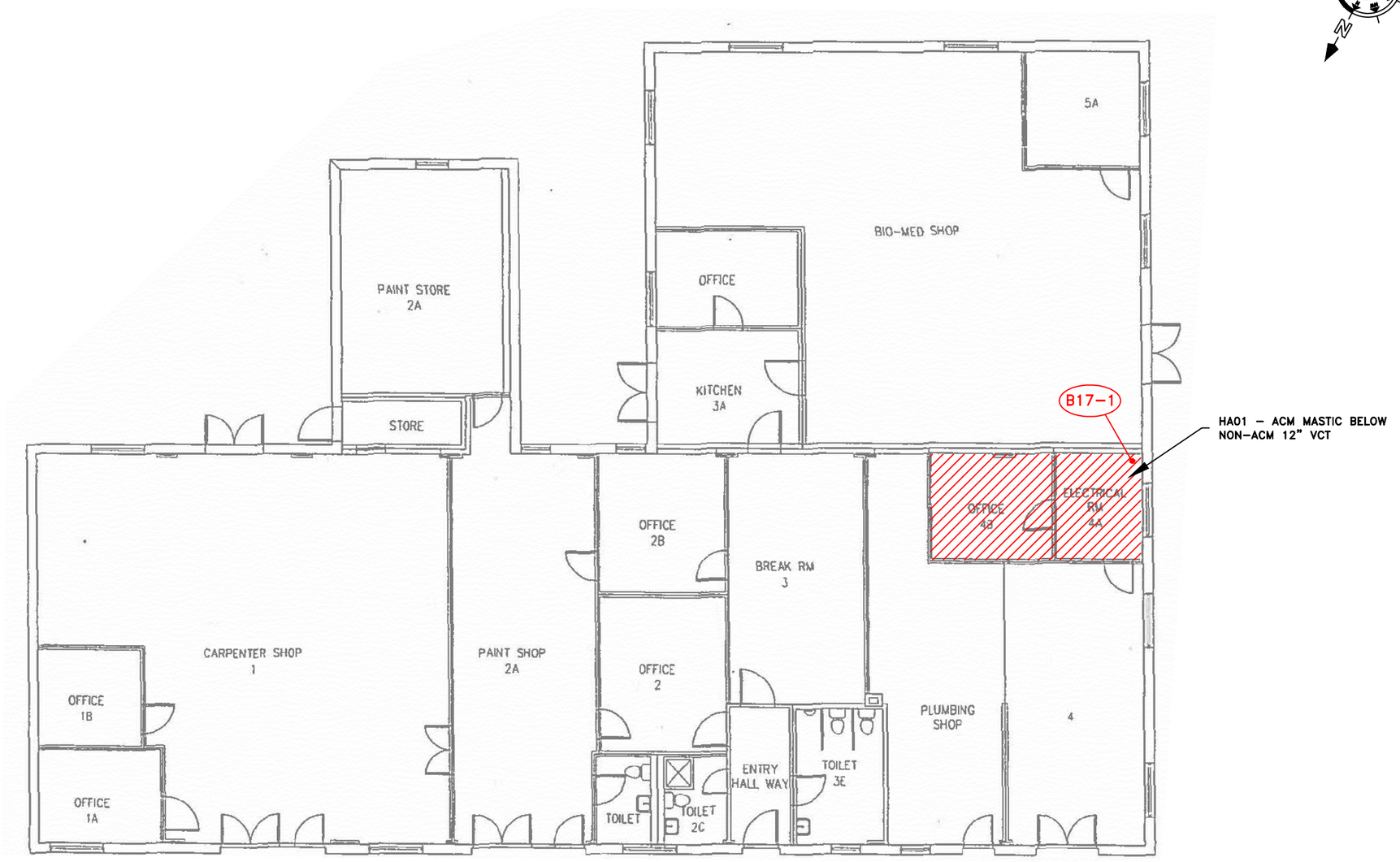
2. If not demarked with an **, this is a new homogeneous area identified by SELC during this re-inspection

APPENDIX K-3
Sample/ACM Location Plans

ASBESTOS NOTES:

ACM = ASBESTOS CONTAINING MATERIAL

1. BASED ON REVIEW OF AVAILABLE INFORMATION, IT DOES NOT APPEAR THAT AN ASBESTOS INSPECTION OF BUILDING 17 HAS BEEN PERFORMED. A COMPREHENSIVE, INITIAL ASBESTOS INSPECTION OF BUILDING 17 WAS OUTSIDE OF THE SCOPE OF WORK FOR THIS RE-INSPECTION PROJECT. HOWEVER, ONE SAMPLE OF FLOORING (HA 01) IN THE PLUMBING SHOP THAT WAS OF CONCERN TO THE CLIENT WAS COLLECTED.



SAMPLE LOCATION LEGEND

B17-1 Sample Locations/ No Asbestos Detected in Sample

B17-1 Sample Locations/ Asbestos Detected in Sample

NOT TO SCALE

BUILDING 17

SHEET 1: BUILDING 17	Safety Environmental Laboratories and Consulting, Inc. SELC 989 Yeager Parkway Pelham, AL 35124 (205) 823-6200 fax (205) 823-9066	PROJECT 3-YEAR ASBESTOS RE-INSPECTION VAMC TUSCALOOSA 3701 LOOP ROAD TUSCALOOSA, ALABAMA 35404 SELC PROJECT NO.: 2014-1108	BUILDING 17 SHEET 1 OF 1

APPENDIX K-4
PLM Laboratory Reports

Safety Environmental Laboratories and Consulting, Inc.

Asbestos Bulk Sample Analysis Report

989 Yeager Pkwy.
Pelham, AL 35124

Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

Customer: **Safety Environmental Laboratories and Consulting, Inc.**
989 Yeager Parkway
Pelham, AL 35124

Telephone: **205-823-6200** Fax: **205-823-9066**

Project Name: **VAMC Tuscaloosa**
Project Location: **Building 17**

SELC Project #: **2014-1108**

Sample Receipt Date: 08/14/2014
Sample Analysis Date: 08/14/2014
Sample Report Date: 08/14/2014

Asbestos Identification in Bulk Materials by Polarized Light Microscopy

EPA/600/R-93/116 July 1993 – Method for the Determination of Asbestos in Bulk Building Materials

Note: See Attached Notes and Descriptions Sheet for Applicable Abbreviations and Notes

Customer Sample No.	Lab Sample No.	Sub-sample No.	Layer No.	Sample Location / Description	Homo-geneous (yes/no)	Asbestos % and Type	% Non-Asbestos Fibers	% Non-Fibrous Material
B17-1	1	N/A		Floor Tile and Mastic – Plumbing Shop				
			1	Floor Tile – Gray, Organically Bound	N	None Detected	None Detected	100%
			2	Mastic – Black, Bituminous	N	5% Chrysotile	2% Cellulose Fibers	93%

☒ This report is **FINAL** ☐ This report is **PRELIMINARY** – pending final QC

Analyst
Kris Parker – Asbestos Analyst

Technical Review
Brian Ray – Asbestos Analyst

Quality Review
Carol Findlay – Microscopy Manager

989 Yeager Pkwy.
Pelham, AL 35124

Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

PLM Notes and Descriptions

1. Upper detection limit: 100%. Lower detection limit: <1%.
2. Bulk Samples will be stored for 3 months and will then be disposed of in an approved EPA landfill.
3. Analysis of floor tile or any other resinously bound materials by polarized light microscopy (PLM) using EPA Method 600/R-93/116 dated July 1993 may yield false-negative results because of method limitations in separating closely bound fibers from matrix material and in detecting fibers of small length and/or diameter. When analysis of such materials by the EPA PLM Method yields negative results for the presence of asbestos we recommend utilizing alternative methods of identification such as Gravimetry, XRD or AEM.
4. Samples are not homogenized by SELC prior to analysis. Distinct material layers within a sample are analyzed and reported separately by SELC. When multiple products are submitted by the customer under one sample number, SELC indicates those distinct products as sub-samples. SELC retains all samples numbers but will designate a sample number to those that are not given a sample number by the customer.
5. Percentages given are based on a visual estimated calibration.
6. Safety Environmental Laboratories and Consulting, Inc. is a NVLAP accredited laboratory, Lab Code: 200873-0 (ISO/IEC Standard 17025:2005 Compliant).
7. Results relate only to the samples tested. All tests were performed under the scope of SELC's NVLAP accreditation, unless indicated otherwise.
8. All samples were received in a condition suitable for analysis ("Good"), unless otherwise noted.
9. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.
10. Analytical Instrument: Olympus Polarized Light Microscope Series BH-2 Model BHT-002

Analyst
Kris Parker – Asbestos Analyst

Technical Review
Brian Ray – Asbestos Analyst

Quality Review
Carol Findlay – Microscopy Manager

Safety Environmental Laboratories and Consulting, Inc.

989 Yeager Pkwy.
Pelham, AL 35124
Phone: (205) 823-6200
Fax: (205) 823-9066

Environmental, Health, and Safety Solutions

SELC

Chain of Custody Form

Customer: Safety Environmental Labs and Consulting, Inc.
Address: 989 Yeager Parkway
Pelham, AL 35126
Phone: 205-823-6200 Fax: 205-823-9066
E-mail:

Project Number: 2014-1108
Project Name: VAMC Tuscaloosa
Project Location: Building 17
PO Number:
SELC Proj. #:

Sample Type
- ☐ Air
- ☒ Bulk
- ☐ Paint
- ☐ Soil
- ☐ Waste
- ☐ Other:

Asbestos Analysis
- ☐ Asbestos Air - PCM
- ☐ Asbestos Air - TEM
- ☒ PLM (EPA 600/R-93/116)
- ☐ PLM (EPA Point Count)
- ☐ Other:

Metals Analysis
- ☐ Total Conc. - Lead
- ☐ Total Conc. - RCRA 8-Metals
- ☐ TCLP - Lead
- ☐ TCLP - RCRA 8-Metals
- ☐ TCLP - Full (w/ organics)
- ☐ Other:

Turn-Around Time*
- ☒ Rush/Same Day†
- ☐ 24 Hours
- ☐ 48 Hours
- ☐ 3 Business Days
- ☐ 4 Business Days
- ☐ Other:

- Field blanks should be submitted with all samples -

* *Some TAT not available for all tests. Must schedule rush organics, multi-metals, and weekend tests in advance*
† *Same day not available after 2:00 PM*

Sample #	Date Sampled	Sample Description (e.g. Employee Name, SSN, Bldg. Material)	Area Wiped (ft²)	Type ‡ A/B/P/E	Time of Sampling Start	Time of Sampling Stop	Flow Rate (L/min) Start	Flow Rate (L/min) Stop	Total Vol. (L)	SELC USE ONLY #	SELC USE ONLY Cond
B17-1	7/16/14	Floor Tile + Mastic - Plumbing Shop								1	G

‡ A - Area, B - Blank, P - Personal, E - Excursion

Relinquished by:

Received By:

Signature	Date	Time	Signature	Date	Time
Elizabeth Hyde	8/14/14	8:00 am	Betty Lindsey	8/14/14	8:00 am

Sampled By:
Signature
Elizabeth Hyde

APPENDIX K-5
Photographic Documentation

Photographic Documentation – 3 Year Asbestos Re-inspection – Building 17



PHOTOGRAPH 1
HA 01 – ACM Black floor mastic below non-ACM 12” VCT in offices of plumbing shop.



PHOTOGRAPH 3
Suspect pipe insulation in plumbing shop.



PHOTOGRAPH 2
Suspect pipe insulation. Photograph taken in plumbing shop.



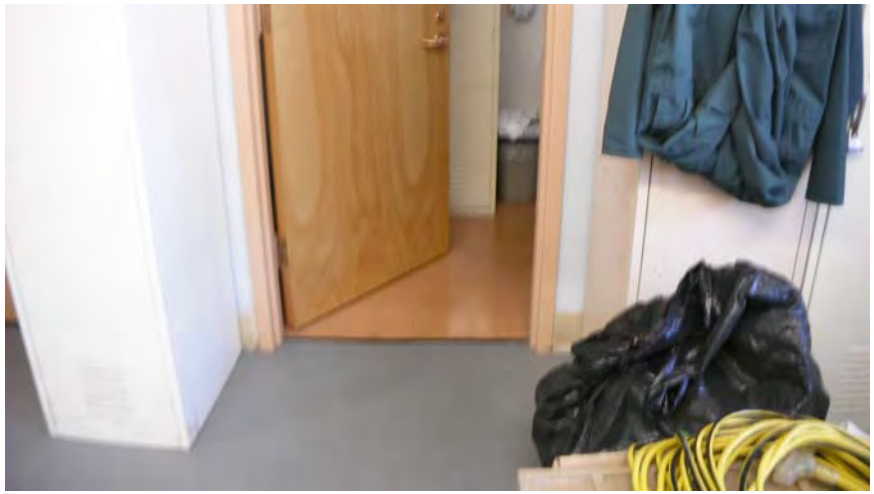
PHOTOGRAPH 4
Suspect window frame caulk.

Photographic Documentation – 3 Year Asbestos Re-inspection – Building 17



PHOTOGRAPH 5
Suspect pipe insulation (on presumably steam piping) below metal jacketing. Photograph taken in paint shop.

NO PHOTOGRAPH



PHOTOGRAPH 6
12” Suspect VCT in paint shop bathroom.

NO PHOTOGRAPH

APPENDIX K-6
Estimated Asbestos Abatement Costs

BUILDING 17 ESTIMATED ASBESTOS ABATEMENT COSTS				
HA NUMBER(S)	**TYPE OF ACM**	**FRIABLE/ NON-FRIABLE**	**APPROXIMATE QUANTITY**	**ESTIMATED ABATEMENT COSTS**
01	Mastic below non-ACM floor tile	Non-Friable	~ 250 square feet	$1,250

Notes:

1. HA = Homogeneous area
2. ACM = Asbestos containing material
3. NP = Not provided
4. Costs provided are general estimates for information purposes only. A complete and specific cost estimate should be obtained from Alabama accredited asbestos abatement contractors prior to any abatement project.
5. Quantity and cost estimates are provided only for observable ACM/homogeneous area. Cost estimates are not provided for inaccessible portions/quantities of a homogeneous group.

APPENDIX K-7
Additional VAMC Supplied Notes/Information

potential "hot spots" for ACM



1. Bldg 2 electrical room 9/26/12 (Rm 20?)
   (New elevator) ≥ w/ FATCP (Near credit union entrance)
   (9" VAT)

2. Bldg 40 - Day Care (Rm 7) storage — Ask Donna Blackburn
   ~~walls + pipe flaking off~~ (ACM? a lead pt.?) ?
   (Tip via Ems staff)

3. Bldg 40 above drop ceiling — Rm 101 (plates w/ wire mesh) — room on left at entrance lobby
   via New Lawn in electric shop

4. Bldg 3 - Rooms (12) 12A - (13C) - 13B - 13A - 14
   (boat bathroom) men's / locker / women's / stairs
   → See floorplan/map Jimmy Hixson

5. B-17 Plumbing Shop floor tile?

B17 Plumbing Shop

Floor tile is old

Take sample to see if it is ACM

APPENDIX L

BUILDING 18
LAUNDRY



INCLUDED IN APPENDIX L:

L-1 – Annual Asbestos Re-inspection Documentation

L-2 – Homogeneous Area / Sample Summary Table

L-3 – Sample/ACM Location Plans

L-4 – PLM Laboratory Reports

L-5 – Photographic Documentation

L-6 – Estimated Asbestos Abatement Costs

L-7 – Additional VAMC Supplied Notes/Information

APPENDIX L-1
Annual Asbestos Re-inspection Documentation

BUILDING 18 HOMOGENEOUS AREA LIST

HA 01 = 12” FLOOR TILE (MULTI BROWN) - REMOVED
HA 02 = 12” FLOOR TILE (LIGHT BROWN) - REMOVED
HA 03 = LINOLEUM (GREEN THROW MATS – NOT STATIONARY) - NAD
HA 04 = CEILING TILE – 2’ X 4’ GROOVE AND PINHOLE (NEW) – NAD
HA 05 = CEILING TILE – 2’ X 4’ WHITE – NAD
HA 06 = ROOFING TAR (BUILT UP ROOF) - REMOVED
HA 07 = DUCT INSULATION – ROOF DUCTING - REMOVED
HA 08 = TAN INSULATION (TWO TANKS) - NAD
HA 09 = HEAT EXCHANGER DEBRIS - REMOVED
HA 10 = PIPE FITTING INSULATION (HARD) ON FIBERGLASS RUNS - REMOVED
HA 11 = PIPE INSULATION (CARDBOARD-TYPE) DOMESTIC WATER PIPING - REMOVED
HA 12 = PIPE INSULATION (MAGNESIA-TYPE) STEAM PIPING - REMOVED
HA 13 = DEBRIS (CONTAMINATED SOIL) - REMOVED
HA 14 = FLEXIBLE DUCT CONNECTOR - REMOVED
HA 15 = GASKET MATERIAL ON WASHER AND DRYERS – NAD
HA 16 = FLEXIBLE EXHAUST HOSE ON WASHER 3 - NAD
HA 17 = DOWNSPOUT TAR - REMOVED
HA 18 = UNKNOWN
HA 19 = ROOFING FELT UNDER SLATE SHINGLES - NAD
HA 20 = DUCT INSULATION (BLACK MASTIC) - NAD

HA = HOMOGENEOUS AREA
HA = ASBESTOS CONTAINING MATERIAL
NAD = NO ASBESTOS DETECTED

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 18 Homogeneous Area #: 01 Date: 7/16/14
Description: 12" x 12" Floor tile (multi-brown) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed/abated. Newer 12" black VCT present in Room 1.

2009 Inspection Note: Not re-inspected / Building outside scope of work

2002 Inspection Note: N/A - abated

1991 Inspection Note: ACM/ACE with potential for damage. Room 1 (110 SF) – follow up indicates HA 01 has been abated.

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 18 Homogeneous Area #: 02 Date: 7/16/14
Description: 12" x 12" Floor tile (light brown) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed/abated. Newer 12" black VCT present in Room 11.

2009 Inspection Note: Not re-inspected / Building outside scope of work

2002 Inspection Note: N/A - abated

1991 Inspection Note: ACM/ACE with potential for damage. Room 11 (435 SF) – follow-up documents indicated HA 02 was abated

---

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 18 Homogeneous Area #: 06 Date: 7/16/14
Description: Roofing Tar Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: According to VAMC personnel, Building 18 has been re-roofed.

2009 Inspection Note: Not re-inspected / Building outside scope of work

2002 Inspection Note: Report indicates HA 06 is likely still present

1991 Inspection Note: Any remaining friable ACM or friable suspected ACM or ACE. Built up roof (325 SF)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 18 Homogeneous Area #: 07 Date: 7/16/14
Description: Duct insulation (grey) Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Abated, per previous reports, from roof.

2009 Inspection Note: Not re-inspected / Building outside scope of work

2002 Inspection Note: N/A - abated

1991 Inspection Note: Any remaining friable ACM or friable suspected ACM or ACE. Roof ducting (290 SF) - follow-up documents indicated HA 07 was abated

---

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 18 Homogeneous Area #: 09 Date: 7/16/14
Description: Heat exchanger debris Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Abated, per previous reports.

2009 Inspection Note: Not re-inspected / Building outside scope of work

2002 Inspection Note: N/A - abated

1991 Inspection Note: Damaged or significantly damaged TSI ACM or ACE. Room B4 (mechanical room) – 40 SF - follow-up documents indicated HA 09 was abated

---

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 18 Homogeneous Area #: 10 Date: 7/16/14
Description: Pipe fitting insulation (hard) on fiberglass runs Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Abated, per previous reports.

2009 Inspection Note: Not re-inspected / Building outside scope of work

2002 Inspection Note: N/A – abated

1991 Inspection Note: Damaged or significantly damaged TSI ACM or ACE. On fiberglass runs, 12 each, Room 4A (break room) - follow-up documents indicated HA 10 was abated

---

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: _____

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 18 Homogeneous Area #: 11 Date: 7/16/14
Description: Pipe insulation – cardboard type – domestic water Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Abated, per previous reports. Currently insulated on straight runs by plastic covered fiberglass. One hot water supply fitting (elbow) in poor condition (plastic elbow broken). Fitting insulated with hard grey over white insulation. No asbestos detected in confirmation sample of this material (B18-1) collected by SELC.

2009 Inspection Note: Not re-inspected / Building outside scope of work

2002 Inspection Note: N/A - abated

1991 Inspection Note: Damaged or significantly damaged TSI ACM or ACE. Partial basement (765 LF), 1st floor (145 LF) - follow-up documents indicated HA 11 was abated

---

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 18 Homogeneous Area #: 12 Date: 7/16/14
Description: Pipe insulation – magnesia type – steam piping Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Abated, per previous reports. Steam piping observed by SELC is covered with metal jacketing in crawlspace, inside building, and on exterior of building. No asbestos detected in confirmation sample (B18-2) collected by SELC from exterior steam piping, below metal jacketing.

2009 Inspection Note: Not re-inspected / Building outside scope of work

2002 Inspection Note: N/A - abated

1991 Inspection Note: Damaged or significantly damaged TSI ACM or ACE. Partial basement 1,600 LF), 1st floor (58 LF) - follow-up documents indicated HA 12 was abated

---

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 18 Homogeneous Area #: 13 Date: 7/16/14
Description: Debris (contaminated soil) Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Abated per previous reports. Crawlspace piping in good condition.

2009 Inspection Note: Not re-inspected / Building outside scope of work

2002 Inspection Note: N/A – abated

1991 Inspection Note: Any remaining friable ACM or friable suspected ACM or ACE. Crawlspace (6,890 sf) - follow-up documents indicated HA 13 was abated

---

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 18 Homogeneous Area #: 14 Date: 7/16/14
Description: Flexible duct connector Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Abated, per previous reports.

2009 Inspection Note: Not re-inspected / Building outside scope of work

2002 Inspection Note: N/A - abated

1991 Inspection Note: Any remaining friable ACM or friable suspected ACM or ACE. Room 5 (1 each) - follow-up documents indicated HA 14 was abated

---

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 18 Homogeneous Area #: 17 Date: 7/16/14
Description: Downspout tar Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: No suspect tar associated with downspouts observed.

2009 Inspection Note: Not re-inspected / Building outside scope of work

2002 Inspection Note: ACM/ACE with potential for damage. Downspout joints (2 each). Good condition

1991 Inspection Note: ACM/ACE with potential for damage. Downspout joints (2 each)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

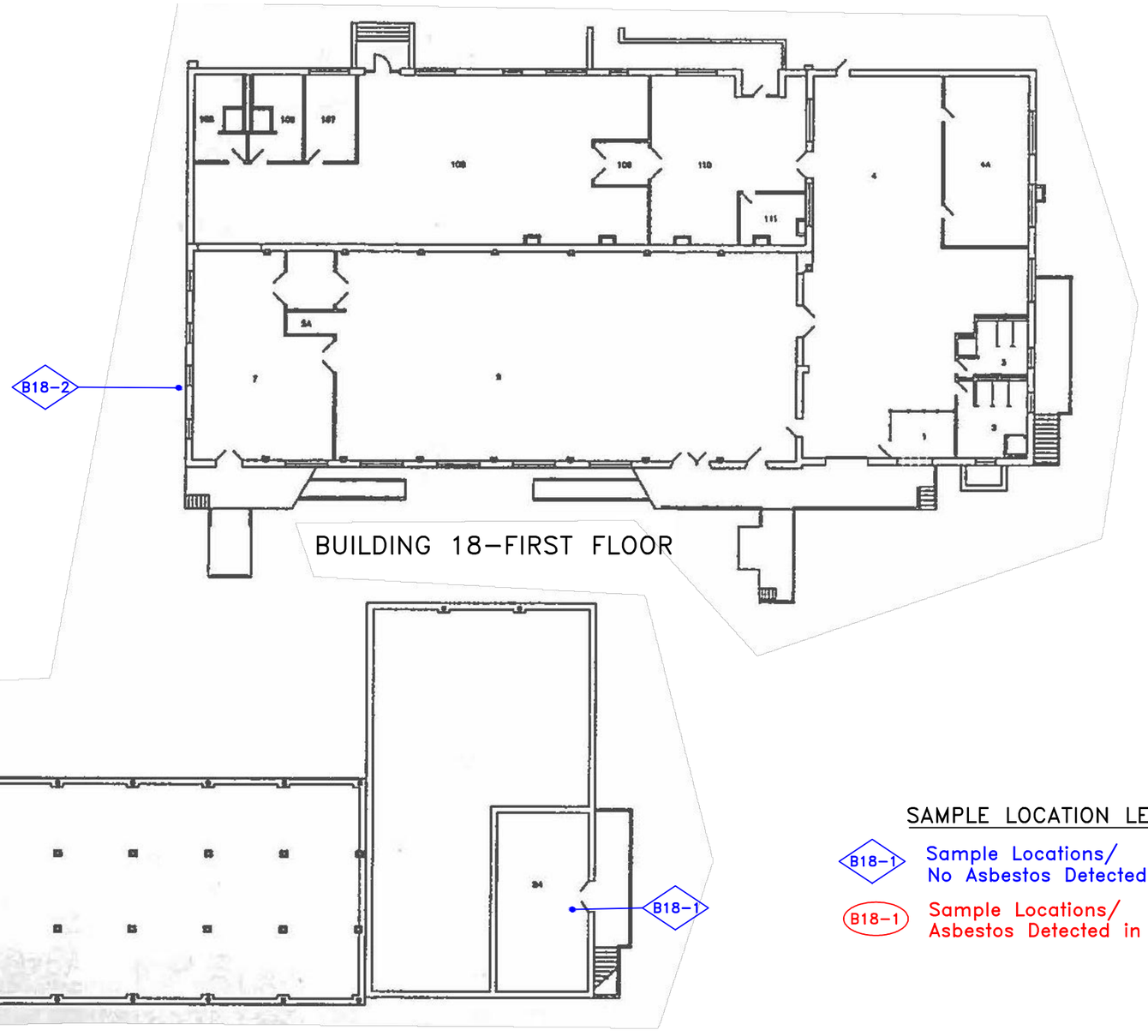
APPENDIX L-2
Homogeneous Area / Sample Summary Table

HOMOGENEOUS AREA / SAMPLE SUMMARY TABLE PROJECT: 2014-1108 – BUILDING 18					
HOMG. AREA (HA#)	**HOMOGENEOUS AREA (HA) DESCRIPTION & LOCATION**	**HA TYPE (AHERA) EPA/OSHA CATG. (IF ACM) CONDITION (IF ACM)**	**SAMPLE NO.**	**ASBESTOS CONTENT**	**SAMPLE LOCATION**
11**	Confirmation sample only. Records indicate this HA, cardboard-like inspection on domestic water piping, has been abated. Sample collected from hot water supply elbow in basement mechanical room. Material is hard grey insulation over white insulation.	TSI Material Not ACM	B18-1	None Detected	Basement mechanical room
12**	Confirmation sample only. Records indicate this HA, magnesia-type inspection on steam piping, has been abated. Sample collected from presumed steam pipe on exterior of building. This pipe is covered with metal jacketing. Material sampled (below metal jacketing is white, compacted fibrous insulation.	TSI Material Not ACM	B18-2	None Detected	Exterior of building
END OF TABLE					

Notes: 1. ** = Homogeneous area # previously identified by others.

2. If not demarked with an **, this is a new homogeneous area identified by SELC during this re-inspection

APPENDIX L-3
Sample/ACM Location Plans



ASBESTOS NOTES:

1. PREVIOUSLY IDENTIFIED ASBESTOS CONTAINING HOMOGENEOUS AREAS (HA) HAVE BEEN REMOVED.

SAMPLE LOCATION LEGEND

B18–1 Sample Locations/ No Asbestos Detected in Sample

B18–1 Sample Locations/ Asbestos Detected in Sample

NOT TO SCALE

SHEET 1: BUILDING 18	Safety Environmental Laboratories and Consulting, Inc. 989 Yeager Parkway Pelham, AL 35124 (205) 823–6200 fax (205) 823–9066	PROJECT 3–YEAR ASBESTOS RE–INSPECTION VAMC TUSCALOOSA 3701 LOOP ROAD TUSCALOOSA, ALABAMA 35404 SELC PROJECT NO.: 2014–1108	BUILDING 18 SHEET 1 OF 1

APPENDIX L-4
PLM Laboratory Reports

Safety Environmental Laboratories and Consulting, Inc.

Asbestos Bulk Sample Analysis Report

989 Yeager Pkwy.
Pelham, AL 35124
Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

Customer: **Safety Environmental Laboratories and Consulting, Inc.**
989 Yeager Parkway
Pelham, AL 35124

Telephone: **205-823-6200** Fax: **205-823-9066**

Sample Receipt Date: 08/04/2014
Sample Analysis Date: 08/06/2014
Sample Report Date: 08/07/2014

Project Name: **VAMC Tuscaloosa**
Project Location: **Building 18**

SELC Project #: **2014-1108**

Asbestos Identification in Bulk Materials by Polarized Light Microscopy

EPA/600/R-93/116 July 1993 – Method for the Determination of Asbestos in Bulk Building Materials

Note: See Attached Notes and Descriptions Sheet for Applicable Abbreviations and Notes

Customer Sample No.	Lab Sample No.	Sub-sample No.	Layer No.	Sample Location / Description	Homo-geneous (yes/no)	Asbestos % and Type	% Non-Asbestos Fibers	% Non-Fibrous Material
B18-1	17	N/A	1	Pipe Elbow Insulation – Basement Mechanical Room Insulation – Gray, Fibrous	N	None Detected	5% Cellulose Fibers 40% Mineral Wool	55%
B18-2	18	N/A	1	Steam Pipe Insulation below Metal Jacket on Exterior of Building Insulation – White, Fibrous	N	None Detected	40% Cellulose Fibers	60%

☒ This report is **FINAL** ☐ This report is **PRELIMINARY** – pending final QC

Analyst
Kris Parker – Asbestos Analyst

Technical Review
Brian Ray – Asbestos Analyst

Quality Review
Carol Findlay – Microscopy Manager

989 Yeager Pkwy.
Pelham, AL 35124

Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

PLM Notes and Descriptions

1. Upper detection limit: 100%. Lower detection limit: <1%.
2. Bulk Samples will be stored for 3 months and will then be disposed of in an approved EPA landfill.
3. Analysis of floor tile or any other resinously bound materials by polarized light microscopy (PLM) using EPA Method 600/R-93/116 dated July 1993 may yield false-negative results because of method limitations in separating closely bound fibers from matrix material and in detecting fibers of small length and/or diameter. When analysis of such materials by the EPA PLM Method yields negative results for the presence of asbestos we recommend utilizing alternative methods of identification such as Gravimetry, XRD or AEM.
4. Samples are not homogenized by SELC prior to analysis. Distinct material layers within a sample are analyzed and reported separately by SELC. When multiple products are submitted by the customer under one sample number, SELC indicates those distinct products as sub-samples. SELC retains all samples numbers but will designate a sample number to those that are not given a sample number by the customer.
5. Percentages given are based on a visual estimated calibration.
6. Safety Environmental Laboratories and Consulting, Inc. is a NVLAP accredited laboratory, Lab Code: 200873-0 (ISO/IEC Standard 17025:2005 Compliant).
7. Results relate only to the samples tested. All tests were performed under the scope of SELC's NVLAP accreditation, unless indicated otherwise.
8. All samples were received in a condition suitable for analysis ("Good"), unless otherwise noted.
9. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.
10. Analytical Instrument: Olympus Polarized Light Microscope Series BH-2 Model BHT-002

Analyst
Kris Parker – Asbestos Analyst

Technical Review
Brian Ray – Asbestos Analyst

Quality Review
Carol Findlay – Microscopy Manager

Safety Environmental Laboratories and Consulting, Inc.

989 Yeager Pkwy. Phone: (205) 823-6200
Pelham, AL 35124 Fax: (205) 823-9066

Environmental, Health, and Safety Solutions

SELC

Chain of Custody Form

Customer: Safety Environmental Labs and Consulting, Inc.
Address: 989 Yeager Parkway
Pelham, AL 35126
Phone: 205-823-6200 Fax: 205-823-9066
E-mail:

Project Number: 2014-1108
Project Name: VAMC Tuscaloosa
Project Location: Building 18
PO Number:
SELC Proj. #:

Sample Type
- ☐ Air
- ☒ Bulk
- ☐ Paint
- ☐ Soil
- ☐ Waste
- ☐ Other:

Asbestos Analysis
- ☐ Asbestos Air - PCM
- ☐ Asbestos Air - TEM
- ☒ PLM (EPA 600/R-93/116)
- ☐ PLM (EPA Point Count)
- ☐ Other:

Metals Analysis
- ☐ Total Conc. - Lead
- ☐ Total Conc. - RCRA 8-Metals
- ☐ TCLP - Lead
- ☐ TCLP - RCRA 8-Metals
- ☐ TCLP - Full (w/ organics)
- ☐ Other:

Turn-Around Time*
- ☐ Rush/Same Day†
- ☐ 24 Hours
- ☐ 48 Hours
- ☒ 3 Business Days
- ☐ 4 Business Days
- ☐ Other:

- Field blanks should be submitted with all samples -

** Some TAT not available for all tests. Must schedule rush organics, multi-metals, and weekend tests in advance*
† Same day not available after 2:00 PM

Sample #	Date Sampled	Sample Description (e.g. Employee Name, SSN, Bldg, Material)	Area Wiped (ft²)	Type ‡ A/B/P/E	Time of Sampling Start	Time of Sampling Stop	Flow Rate (L/min) Start	Flow Rate (L/min) Stop	Total Vol. (L)	SELC USE ONLY #	SELC USE ONLY Cond
B18-1	7/16/14	Pipe Elbow insulation - Basement Mech Room								17	G
B18-2	↓	Steam pipe insulation below								18	G
		metal jacket on exterior of building									

‡ A - Area, B - Blank, P - Personal, E - Excursion

Sampled By:
Signature
Elizabeth Hyde

Relinquished by:

Signature	Date	Time
Elizabeth Hyde	8/14/14	1:30 pm

Received By:

Signature	Date	Time
Bobby Lindsey	8/14/14	1:25 pm

APPENDIX L-5
Photographic Documentation

Photographic Documentation – 3 Year Asbestos Re-inspection – Building 18



PHOTOGRAPH 1
Hot water supply fitting insulation in mechanical room B4. No asbestos detected in Sample B18-1 of this material.



PHOTOGRAPH 3
View (from back of building) of newer roofing materials.



PHOTOGRAPH 2
View of crawlspace piping.



PHOTOGRAPH 4
Exterior steam pipe. No asbestos detected in Sample B18-2 of this insulation below metal jacketing.

APPENDIX L-6
Estimated Asbestos Abatement Costs

BUILDING 18 ESTIMATED ASBESTOS ABATEMENT COSTS				
HA NUMBER(S)	**TYPE OF ACM**	**FRIABLE/ NON-FRIABLE**	**APPROXIMATE QUANTITY**	**ESTIMATED ABATEMENT COSTS**
N/A	N/A	N/A	N/A	N/A

Notes:

1. HA = Homogeneous area
2. ACM = Asbestos containing material
3. NP = Not provided
4. Costs provided are general estimates for information purposes only. A complete and specific cost estimate should be obtained from Alabama accredited asbestos abatement contractors prior to any abatement project.
5. Quantity and cost estimates are provided only for observable ACM/homogeneous area. Cost estimates are not provided for inaccessible portions/quantities of a homogeneous group.

APPENDIX L-7
Additional VAMC Supplied Notes/Information

Bldg 18

Asb?

2:15 Pm 10/03/12 Wed

Ken Mills - AC shop foreman brought me A piece of white pipe insulation (suspected ACM?)

→ B-18 Laundry AHU 18.2

2002 - Buchelm's Survey = NO

if is painted Blue on extension of Bldg 18 steam pipe replacement + to re-insulate

1991 installed

Andrew Pitt - 1987. stated

agreed non-asbestos

installed at same time as others

(Robert Martin - stated 1993)

Karen Kelley -

possible Calcium Silicate

installed in B-18 A

APPENDIX M

BUILDING 39
OFFICE BUILDING/TUSCALOOSA OIT OFFICES



INCLUDED IN APPENDIX M:

M-1 – Annual Asbestos Re-inspection Documentation

M-2 – Homogeneous Area / Sample Summary Table

M-3 – Sample/ACM Location Plans

M-4 – PLM Laboratory Reports

M-5 – Photographic Documentation

M-6 – Estimated Asbestos Abatement Costs

M-7 – Additional VAMC Supplied Notes/Information

APPENDIX M-1
Annual Asbestos Re-inspection Documentation

BUILDING 39 HOMOGENEOUS AREA LIST

HA 01 = 12" FLOOR TILE (MULTI BROWN)
HA 02 = 12" FLOOR TILE (OFF-WHITE WITH GRAY) - REMOVED
HA 03 = 12" FLOOR TILE (OFF-WHITE WITH BROWN) - REMOVED
HA 04 = 9" FLOOR TILE (GREEN) - REMOVED
HA 05 = 9" FLOOR TILE (DARK GREEN) - REMOVED
HA 06 = 9" FLOOR TILE (BLACK)
HA 07 = LINOLEUM (BROWN) – NAD - REMOVED
HA 08 = 9" FLOOR TILE (BROWN WITH DARK BROWN)
HA 09 = 12" FLOOR TILE (GREY)
HA 10 = 12" FLOOR TILE (GREEN WITH DARK GREEN)
HA 11= 9" FLOOR TILE (LIGHT BROWN)
HA 12 = 9" FLOOR TILE (WHITE WITH BLACK)
HA 13 = CEILING TILE – 2' X 2' SHALLOW GROOVE – NAD
HA 14 = CEILING TILE – 2' X 4' GROOVE AND PINHOLE – NAD
HA 15 = CEILING TILE – 2' X 2' GROOVE AND PINHOLE (OLD) – NAD
HA 16 = CEILING TILE – 2' X 2' GOOVED AND PINHOLE (NEW) – NAD
HA 17 = CEILING TILE – 2' X 2' WHITE – NAD
HA 18 = ROOFING TAR (ROOF) – NAD
HA 19 = PIPE INSULATION (CARDBOARD-TYPE) DOMESTIC WATER PIPING
HA 20 = PIPE INSULATION (MAGNESIA-TYPE) STEAM PIPING
HA 21 = DOWNSPOUT TAR - REMOVED
HA 22 = WALL TILE, 1' X 1' ACOUSTICAL – NAD
HA 23 = ROOFING FELT – NAD
HA 24 = UNKNOWN
HA 25 = UNKNOWN
HA 26/27 = 9" X 9" FLOOR TILE (TAN WITH BROWN AND WHITE) AND MASTIC
HA 28/29 = 12" X 12" FLOOR TILE (BLACK WITH BROWN AND WHITE SPECKS) AND MASTIC - REMOVED
HA 30/31 = 12" X 12" FLOOR TILE (OFF-WHITE WITH BURGUNDY) AND MASTIC
HA 32/33 = 12" X 12" FLOOR TILE (OFF-WHITE WITH TAN AND BEIGE) AND MASTIC
HA 34 = OFF-WHITE/CREAM DUCT SEAM TAPE – NAD
HA 35 = PIPE FITTING INSULATION – NAD
HA 36 = BLACK FLOOR MASTIC – NAD
HA 37 = VINYL SHEET FLOORING AND MASTIC – NAD
HA 38 = CARDBOARD-LIKE STRAIGHT RUN PIPE INSULATION
HA 39 & HA 40 = PIPE FITTING INSULATIONS

HA = HOMOGENEOUS AREA
HA = ASBESTOS CONTAINING MATERIAL
NAD = NO ASBESTOS DETECTED
HA (ITALICIZED) = IDENTIFIED BY SELC DURING 2014 RE-INSPECTION. OTHER HOMOGENEOUS AREAS IDENTIFIED DURING PREVIOUS RE-INSPECTIONS/INSPECTIONS BY OTHER CONSULTANTS.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 39 Homogeneous Area #: 01 Date: 7/17/14
Description: 12" x 12" Floor tile (multi-brown) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
X ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Present in Rooms 101, 101A - good condition, ~500 ft^2. Room 102 – ceramic/terrazzo. Room 103 has HA 26/27. Removed/replaced with new VCT in Rooms 4, 4A, 4B. Removed/replaced with carpet (over concrete) in Rooms 5A, 5C.

2009 Inspection Note: ACM/ACE with potential for damage. Basement rooms 4, 4A, 4B, 5A, 5C, and First Floor Rooms 101, 101A, 102, 103 – good to fair condition.

2002 Inspection Note: ACM/ACE with potential for damage. Basement rooms 4, 4A, 4B, 5A, 5C, and First Floor Rooms 101, 101A, 102, 103 (2,931 SF) – good condition.

1991 Inspection Note: ACM/ACE with potential for damage. Basement rooms 4, 4A-B, 4A, 5A, 5C (2,465 SF) / First Floor rooms 101, 101A, 101B, 102-103 (515 SF)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 39 Homogeneous Area #: 02 Date: 7/17/14
Description: 12" x 12" Floor tile (off-white with grey) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Informed by VAMC personnel that HA 02 has been removed from 3A, 3B, 3C, 3D, and replaced with Centiva flooring (over concrete). Mechanical closet in 3A has a concrete floor.

2009 Inspection Note: ACM/ACE with potential for damage. Rooms 3B, 3C, 3D – fair to poor condition. Room 3A – carpeting over tile – fair to poor condition.

2002 Inspection Note: ACM/ACE with potential for damage. Rooms 3A, 3B, 3C, 3D. Under brown carpet. Good condition.

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 3A-D (680 SF)

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 39 Homogeneous Area #: 03 Date: 7/17/14
Description: 12" x 12" Floor tile (off-white with brown) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Carpet over concrete present in Room 5E. First floor rooms listed in the 1991 report are now HA 26/27. See Re-inspection document for HA26/27.

2009 Inspection Note: ACM/ACE with potential for damage. Basement Room 5E. Good condition.

2002 Inspection Note: ACM/ACE with potential for damage. Basement Room 5E. Good condition.

1991 Inspection Note: ACM/ACE with potential for damage. Basement Room 5E (145 SF) / First floor rooms 104-106B, 108, 110-112, 115-119, 124-126, 128, and 130-139 (10,500 SF)

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 39 Homogeneous Area #: 04 Date: 7/17/14
Description: 9" x 9" Floor tile (green) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Room 1 has concrete floors

2009 Inspection Note: No reference to HA # 04

2002 Inspection Note: No reference to HA # 04

1991 Inspection Note: ACM/ACE with potential for damage. Room 1 (485 SF)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 39 Homogeneous Area #: 05 Date: 7/17/14
Description: 9" x 9" Floor tile (dark green) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Room 8 has concrete floors. No VCT in Room 8.

2009 Inspection Note: No reference to HA # 05

2002 Inspection Note: No reference to HA # 05

1991 Inspection Note: ACM/ACE with potential for damage. Room 8 (485 SF)

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 39 Homogeneous Area #: 06 Date: 7/17/14
Description: 9" x 9" Floor tile (black) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
X ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Small area (~15 ft^2, good condition) of HA 06 in Room 108. Rest of flooring in room 108 is HA 26/27. Concrete floors in Rooms 12, 12A, 13, 13A, 13B.

2009 Inspection Note: ACM/ACE with potential for damage. Room 108. Good to fair condition. No mention of Rooms 13, 13A and 13B.

2002 Inspection Note: ACM/ACE with potential for damage. Described as 9" Black tile with white streaks - Rooms 13, 13A, and 13 B. Good condition. No mention of 12, 12A (see HA 28/29).

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 12, 12A (bowling alley), 13, 13A, and 13B (4,325 SF)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 39 Homogeneous Area #: 07 Date: 7/17/14
Description: Brown linoleum Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Now has newer blue 12" VCT in elevator P3.

2009 Inspection Note: ACM/ACE with potential for damage. Elevator P3. Good condition.

2002 Inspection Note: ACM/ACE with potential for damage. Elevator P3. Good condition.

1991 Inspection Note: No asbestos detected. Described as linoleum brown. Elevator P3.

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 39 Homogeneous Area #: 08 Date: 7/17/14
Description: 9" x 9" Floor tile (brown with dark brown) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Present in Rooms 100 and 118 – good condition, ~460 ft^2.

2009 Inspection Note: ACM/ACE with potential for damage. Room 100 and 118 – Good condition

2002 Inspection Note: ACM/ACE with potential for damage. Room 100 and 118 – Good condition

1991 Inspection Note: ACM/ACE with potential for damage. Room 100 (270 SF)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 39 Homogeneous Area #: 09 Date: 7/17/14
Description: 12" x 12" Floor tile (grey) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Present in Room 120. Good condition, ~200 ft^2). See HA 10 and 30/31 for Rooms 233 and 234, respectively.

2009 Inspection Note: ACM/ACE with potential for damage. Room 120. Good condition.

2002 Inspection Note: ACM/ACE with potential for damage. Room 120 only. No reference to 2nd floor rooms

1991 Inspection Note: ACM/ACE with potential for damage. Room 120 (175 SF) / Rooms 233 and 234 (410 SF)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 39 Homogeneous Area #: 10 Date: 7/17/14
Description: 12" x 12" Floor tile (green with dark green) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Present in Rooms 201,202, 204, 206, 217, 218, 219, 220, 222, 223, 226, 228, 229B, 235, 236, 237, 238, 239, 240, 241, 242, 243 – fair to poor condition, ~ 5,000 ft^2. Rooms 205, 207, 207A, 207B, 216 have new 12" VCT. Carpet over concrete present in Rooms 211 A, C, D, F, G, I, J, L. New 12" VCT in Rooms 210A, 211, and 211B, E, H, K.

2009 Inspection Note: ACM/ACE with potential for damage. Rooms 202, 204, 206, 211, 217, 218, 219, 222, 223, 228, 235, 238, 239 - good to fair condition. Rooms 200, 201, 210A, 220, 226, 229B, 236, 237, 240, 241, 242, 243 - fair to poor condition. Note - Rooms 205 and 216 have new tile - good condition. Rooms 213, 216, 216a not mentioned.

2002 Inspection Note: ACM/ACE with potential for damage. Rooms 200, 201, 202, 204, 205, 206, 210A, 211, 213, 216, 216a, 217, 218, 219, 220, 222, 223, 226, 228, 229B, 235, 236, 237, 238, 239, 240, 241, 242, 243. Good condition.

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 200-202, 204-206, 210A, 211, 213, 216-219, 220, 222-223, 226, 228, 229B, and 235-242 (5,040 SF)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 39 Homogeneous Area #: 11 Date: 7/17/14
Description: 9" x 9" Floor tile (light brown) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Present in Rooms 232, 232A & B – good condition, ~1,000 ft^2. Please note concrete floor present in Room 232C. Removed from 207 rooms, 212 rooms, 227, 227A.

2009 Inspection Note: ACM/ACE with potential for damage. Rooms 207A, 207D, 211, 211B, 211E, 211H, 211K, 227, 232A, 232B - good to fair condition. Rooms 8, 207, 207B, 207C, 227, 232 - fair to poor condition. Rooms 212, 212A, 212B have carpet.

2002 Inspection Note: ACM/ACE with potential for damage. Rooms 207, 207A, 207B, 212, 212A, 212B, 227, 227A, 232, 232B. Good condition.

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 207, 207A-B, 212, 212A-B, 227, 227A, 232, and 232A-B (5,940 SF)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 39 Homogeneous Area #: 12 Date: 7/17/14
Description: 9" x 9" Floor tile (white with black) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Fair condition

2009 Inspection Note: ACM/ACE with potential for damage. Room 221 - fair condition.

2002 Inspection Note: ACM/ACE with potential for damage. Room 221 (95 SF) – good condition.

1991 Inspection Note: ACM/ACE with potential for damage. Room 221 (95 SF)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 39 Homogeneous Area #: 19 Date: 7/17/14
Description: Pipe insulation – cardboard type – domestic water Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
__X__ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
(3)	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Per VAMC personnel, ACM TSI has been removed as needed since early 1990s in accessible chases, basement, attic, and crawlspaces. Per previous reports, it appears that HA 20 has been abated in crawlspace and basement, and accessible areas of 1st and 2nd floors, of Building 39. Most newer TSI observed in basement, and in accessible chases on 1st and 2nd floors appears to be insulated with kraft-faced or foam fiberglass insulation. However, pipes insulated with HA 20 are likely still present in inaccessible areas, such as wall and ceiling cavities (inside / above plaster). In addition, insulation similar to or same as HA 19 may be present on accessible straight runs of piping, as described in HA 38; however, was unable to verify the type of pipe (domestic or steam) associated with HA 38.

2009 Inspection Note: Any remaining friable ACM or ACE. Crawlspace and basement has been abated. Room 8 has piping in plenum that has been partially abated.

2002 Inspection Note: Damaged or significantly damaged TSI ACM or ACE. Combined Ha #s 19 and 20. In basement and crawlspace only. Good condition. Appears to have been abated in first and second floors.

1991 Inspection Note: Damaged or significantly damaged TSI ACM or ACE. Basement (60 LF inaccessible) / 1st floor (240 LF accessible and 130 LF inaccessible) / 2nd floor (360 LF)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage known or suspected HA 19 in place until such time as practical to remove. Remove or encapsulate as needed/encountered during renovation/repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 39 Homogeneous Area #: 20 Date: 7/17/14
Description: Pipe insulation – magnesia type – steam piping Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
__X__ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
(3)	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Per VAMC personnel, ACM TSI has been removed as needed since early 1990s in accessible chases, basement, attic, and crawlspaces. Per previous reports, it appears that HA 20 has been abated in crawlspace and basement, and accessible areas of 1st and 2nd floors, of Building 39. TSI observed in basement, and in accessible chases on 1st and 2nd floors appears to be insulated with kraft-faced fiberglass, soft and hard foam, or newer calcium silicate insulation. However, steam piping insulated with HA 20 likely still present in inaccessible areas, such as wall and ceiling cavities (inside / above plaster).

2009 Inspection Note: Any remaining friable ACM or ACE. Crawlspace and basement has been abated. Room 8 has piping in plenum that has been partially abated.

2002 Inspection Note: Damaged or significantly damaged TSI ACM or ACE. Combined Ha #s 19 and 20. In basement and crawlspace only. Good condition. Appears to have been abated in first and second floors.

1991 Inspection Note: Damaged or significantly damaged TSI ACM or ACE. Basement (60 LF) / First floor (1,140 LF inaccessible)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place if/when encountered. Remove or encapsulate as needed/encountered during renovation/repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 39 Homogeneous Area #: 21 Date: 7/17/14
Description: Downspout Tar Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Newer downspouts with no visible tar present on exterior of building.

2009 Inspection Note: No comment / outside scope of work

2002 Inspection Note: ACM or ACE with potential for damage. Roof drains and downspouts – exterior. Good condition.

1991 Inspection Note: Any remaining friable ACM or friable suspected ACM or ACE

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 39 Homogeneous Area #: 26/27 Date: 7/17/14
Description: 12" x 12" Floor tile (tan with brown & white) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Present in Rooms 103, 104, 105, 106, 106A, 106B, 106D, 106F, 106G, 106H, 108, 110, 111, 111A, 111B, 111D, 111E, 111F, 111G, 111H, 112, 117, 119, 119A, 124, 125A, 126, 128, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139 – good to fair condition, ~ 14,000 ft^2. Rooms 115 and 116 have new tile. Room 108 has a ~14 ft^2 area of HA 06.

2009 Inspection Note: ACM/ACE with potential for damage. Rooms 104, 105, 106, 106A, 106B, 106D, 106F, 106G, 106H, 110, 111, 111A, 111B, 111D, 111E, 111F, 111G, 111H, 112, 117, 119A, 124, 125A, 126, 128, 130, 131, 132, 133, 135, 136, 137, 138, 139 - fair condition. Rooms 108, 119, 125, 134 - poor condition. Room 108 has 14 SF of 9" floor tile patch (black and white) - poor condition. Rooms 115 and 116 - new tile.

2002 Inspection Note: ACM/ACE with potential for damage. First floor rooms 104, 105, 106, 106A, 106B, 106F, 106G, 108, 110, 111, 111A, 111B, 111D, 111E, 111F, 111G, 111H, 112, 115, 116, 117, 119, 119A, 124, 125, 125A, 126, 128, 130, 131, 132, 133, 134, 135, 136, 137, 138, AND 139. Rooms 108 and 131 contain ~ 14 SF of 9" black and white tile floor patch. Fair condition.

1991 Inspection Note: ACM/ACE with potential for damage. First floor rooms 104-106B, 108, 110-112, 115-119, 124-126, 128, and 130-139 (10,500 SF) – referred to this as HA #03.

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 39 Homogeneous Area #: 28/29 Date: 7/17/14
Description: 12" x 12" Floor tile (black w/brown & white specks)/ mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed / concrete floors in these rooms

2009 Inspection Note: No asbestos detected. Rooms 12, 12A and 12C have been abated.

2002 Inspection Note: ACM/ACE with potential for damage. Rooms 12, 12A, and 12C. Good condition

1991 Inspection Note: ACM/ACE with potential for damage. Referred to this as HA #06.

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 39 Homogeneous Area #: 30/31 Date: 7/17/14
Description: 12" x 12" Floor tile (off-white and burgundy) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Room 233 – good condition, ~200 ft^2.

2009 Inspection Note: ACM/ACE with potential for damage. Room 233 only. Fair condition.

2002 Inspection Note: ACM/ACE with potential for damage. Room 233 only. Good condition

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 39 Homogeneous Area #: 32/33 Date: 7/17/14
Description: 12" x 12" Floor tile (off-white with tan and beige) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Good condition. ~140 ft^2

2009 Inspection Note: ACM/ACE with potential for damage. Room 234. Fair condition

2002 Inspection Note: ACM/ACE with potential for damage. Room 234 only. Good condition

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 39 Homogeneous Area #: 34 Date: 7/17/14
Description: Off-white/cream duct seam tape Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Duct seam tape at seams and joints of externally un-insulated metal exhaust ductwork in wall/pipe chases and in attic. Fair condition. 124 seams in attic. Likely 200 seams in building. **No asbestos detected in samples B39-1 and B39-2, collected from attic and Room 210A chase, respectively.**

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 39 Homogeneous Area #: 35 Date: 7/17/14
Description: Pipe fitting mud insulation Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Pipe fitting insulation (mud, grey, hard) on 5 elbows of piping in Closet 121. Fair condition. Straight runs of piping in 121 are insulated with kraft-faced fiberglass. **No asbestos detected in sample B39-3 and B39-13 collected from Closet 121.**

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 39 Homogeneous Area #: 36 Date: 7/17/14
Description: Black floor tile mastic – Room 116 Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Black floor tile mastic (presumably old) exposed in back portion of Room 116, and presumably present beneath newer 12" VCT throughout Room 116. No asbestos detected in Sample B39-4.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 39 Homogeneous Area #: 37 Date: 7/17/14
Description: Vinyl sheet floor (yellow/brown pebble pattern) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Thick vinyl sheet flooring (yellow/brown pebble pattern) and brown mastic in patios 212C and 227B. No asbestos detected in Sample B39-5

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 39 Homogeneous Area #: 38 Date: 8/6/14
Description: Straight run pipe insulation – cardboard type Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
__X__ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
(3)	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Asbestos containing, cardboard-like insulation on straight runs of two pipes present in stairwells 6 and 11. HA 38 has a canvas-like wrap and is coated with thick paint. These pipes may be a mixture of domestic water and steam, as one in stairwell 11 is extremely hot to touch. However, ACM straight run insulation is more comparable to "cardboard-like" insulation as described in HA19. Good to fair condition, ~30-35 linear feet of piping. Asbestos (50% chrysotile) detected in insulation samples B39-7, B39-9, and B39-10. No asbestos detected in the wrap of these samples. Fittings of this piping insulated with HA 39. HA 38 & 39 may also be present in inaccessible areas (i.e., wall cavities) in building.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

(*O&M*) (*Remove/Enclose/Encapsulate*) *Evacuate/Restrict*

Explain: Manage known or suspected HA 38 in place until such time as practical to remove. Remove or encapsulate as needed/encountered during renovation/repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 39 Homogeneous Area #: 39 Date: 8/6/14
Description: Pipe fitting insulation (soft, white) with canvas wrap Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
__X__ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
(3)	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Asbestos containing pipe insulation (soft, white) on fittings of three runs of piping observed in stairwells 6 and 11. HA 39 has a canvas-like wrap and is coated with thick paint. These pipes may be a mixture of domestic water and steam, as one in stairwell 11 is extremely hot to touch while the others are not. However, fittings of the "hot" pipe are insulated with white over gray insulation (see HA 40). HA 39 was present on piping that was not "hot". HA 39 in good to fair condition, ~14 fittings. Asbestos (20% chrysotile and 3% amosite) detected in samples B39-6 and B39-8. HA 39 may also be present in inaccessible areas (i.e., wall cavities) in building.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

(*O&M*) (*Remove/Enclose/Encapsulate*) *Evacuate/Restrict*

Explain: Manage known or suspected HA 39 in place until such time as practical to remove. Remove or encapsulate as needed/encountered during renovation/repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 39 Homogeneous Area #: 40 Date: 8/6/14
Description: Pipe fitting insulation (soft, white & gray) with canvas wrap Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
__X__ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
(3)	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Asbestos containing pipe insulation (soft, white over gray) on fittings of one run of piping observed in stairwell 11. Piping is at ceiling height. HA 40 has a canvas-like wrap and is coated with thick paint. This pipe is hot to the touch. HA 40 in good to fair condition, ~6 fittings. Asbestos (7% chrysotile and 5% amosite) detected in white layer of samples B39-11 and B39-12. Asbestos (20% chrysotile) detected in grey layer of samples B39-11 and B39-12. No asbestos detected in wrap. Straight runs of this piping insulated with HA 38. HA 38 & 40 may also be present in inaccessible areas (i.e., wall cavities) in building.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

(*O&M*) (*Remove/Enclose/Encapsulate*) *Evacuate/Restrict*

Explain: Manage known or suspected HA 40 in place until such time as practical to remove. Remove or encapsulate as needed/encountered during renovation/repair activities.

APPENDIX M-2
Homogeneous Area / Sample Summary Table

HOMOGENEOUS AREA / SAMPLE SUMMARY TABLE PROJECT: 2014-1108 – BUILDING 39					
HOMG. AREA (HA#)	**HOMOGENEOUS AREA (HA) DESCRIPTION & LOCATION**	**HA TYPE (AHERA) EPA/OSHA CATG. (IF ACM) CONDITION (IF ACM)**	**SAMPLE NO.**	**ASBESTOS CONTENT**	**SAMPLE LOCATION**
34	Exhaust duct seam tape (off-white/cream) applied at seams of externally un-insulated ductwork in attic and throughout building.	Miscellaneous Material Not ACM	B39-1	None Detected	Attic
			B39-2	None Detected	Closet 210A
35	Pipe fitting insulation (mud, grey) on ~ 5 fittings in Closet 121. Straight runs of this piping are insulated with kraft-faced fiberglass.	TSI Material Not ACM	B39-3	None Detected	Closet 121
			B39-13	None Detected	Closet 121
36	Black floor mastic in Room 116. A small area of HA 36 is exposed in Room 116, and is presumably below newer VCT in Room 116.	Miscellaneous Material Not ACM	B39-4	None Detected	Room 116
37	Vinyl sheet flooring (yellow/brown pebble pattern) and mastic present in Rooms 212C and 227B.	Miscellaneous Material Not ACM	B39-5	None Detected	Room 212C
38	**Cardboard-like insulation on straight runs of two pipes at ceiling height in stairwells 6 and 11. HA 38 has a canvas-like wrap and is coated with thick paint or mastic. These pipes may be a mixture of domestic water and steam, as one in stairwell 11 is extremely hot to touch. However, ACM straight run insulation is more comparable to "cardboard-like" insulation as described in HA19. Please note that fittings of this piping insulated with HA 39.**	**TSI ACM NESHAP Friable ACM OSHA Class I Work Intact**	**B39-7**	None Detected in mastic and wrap **50% Chrysotile in Insulation**	**Stair 6**
			B39-9		**Stair 11**
			B39-10		**Stair 11**
39	**Pipe insulation (soft, white) on fittings of three runs of piping observed at ceiling height in stairwells 6 and 11. HA 39 has a canvas-like wrap and is coated with thick paint or mastic. These pipes may be a mixture of domestic water and steam, as one in stairwell 11 is extremely hot to touch while the others are not. However, fittings of the "hot" pipe are insulated with white over gray insulation (see HA 40). HA 39 was present on piping that was not "hot".**	**TSI ACM NESHAP Friable ACM OSHA Class I Work Intact**	**B39-6**	None Detected in mastic and wrap **3% Amosite 20% Chrysotile Detected in Insulation**	**Stair 6**
			B39-8		**Stair 11**

HOMOGENEOUS AREA / SAMPLE SUMMARY TABLE PROJECT: 2014-1108 – BUILDING 39					
HOMG. AREA (HA#)	**HOMOGENEOUS AREA (HA) DESCRIPTION & LOCATION**	**HA TYPE (AHERA) EPA/OSHA CATG. (IF ACM) CONDITION (IF ACM)**	**SAMPLE NO.**	**ASBESTOS CONTENT**	**SAMPLE LOCATION**
40	**Pipe insulation (soft, white over gray) on fittings of one run of piping observed in stairwell 11. Piping is at ceiling height. HA 40 has a canvas-like wrap and is coated with thick paint. This pipe is hot to the touch. Straight runs of this piping insulated with HA 38.**	**TSI ACM NESHAP Friable ACM OSHA Class I Work Intact**	**B39-11**	None Detected in mastic and wrap **5% Amosite 7% Chrysotile Detected in White Insulation**	**Stair 11**
			B39-12	**20% Chrysotile Detected in Gray Insulation**	**Stair 11**
END OF TABLE					

Notes: 1. ** = Homogeneous area # previously identified by others.

2. If not demarked with an **, this is a new homogeneous area identified by SELC during this re-inspection

APPENDIX M-3
Sample/ACM Location Plans

ASBESTOS NOTES:

ACM = ASBESTOS CONTAINING MATERIAL

1. HA 19 (ACM DOMESTIC WATER PIPE INSULATION) AND HA 20 (ACM STEAM PIPE INSULATION) LIKELY PRESENT IN INACCESSIBLE AREAS, SUCH AS BUT NOT LIMITED TO, WALL AND CEILING CAVITIES.

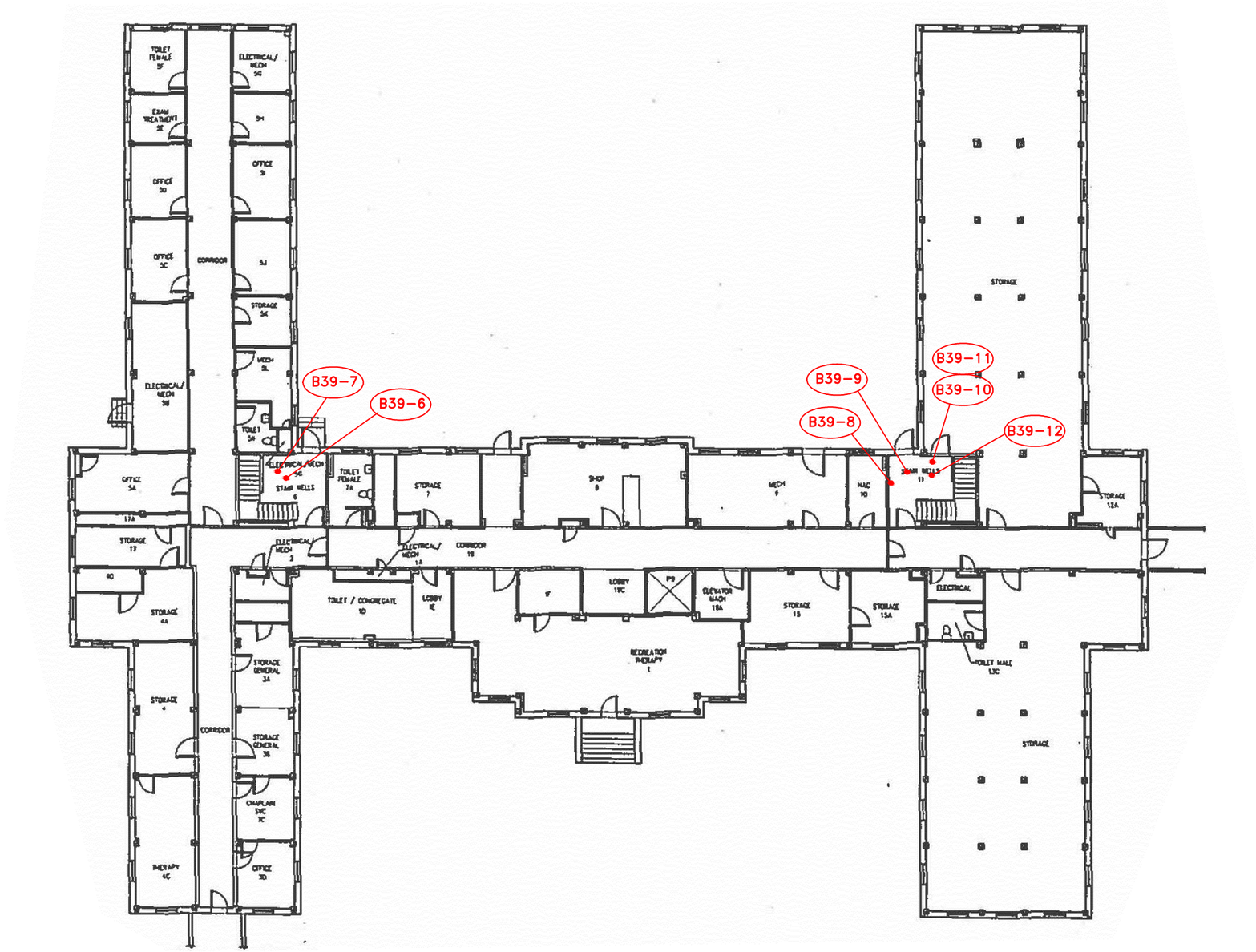
2. HA 38 (ACM STRAIGHT RUN INSULATION) ON TWO PIPES PRESENT IN STAIRWELLS 6 AND 11. MAY ALSO BE PRESENT IN OTHER LOCATIONS IN BUILDING.

3. HA 39 AND HA 40 (ACM PIPE FITTING INSULATION) ON TWO PIPES PRESENT IN STAIRWELLS 6 AND 11. MAY ALSO BE PRESENT IN OTHER LOCATIONS IN BUILDING.

SAMPLE LOCATION LEGEND

B39-1 Sample Locations/ No Asbestos Detected in Sample

B39-1 Sample Locations/ Asbestos Detected in Sample



NOT TO SCALE

BUILDING 39 – BASEMENT

SHEET 1: BUILDING 39 – BASEMENT	Safety Environmental Laboratories and Consulting, Inc. 989 Yeager Parkway Pelham, AL 35124 SELC (205) 823-6200 fax (205) 823-9066	PROJECT 3-YEAR ASBESTOS RE-INSPECTION VAMC TUSCALOOSA 3701 LOOP ROAD TUSCALOOSA, ALABAMA 35404 SELC PROJECT NO.: 2014-1108	BUILDING 39 BASEMENT SHEET 1 OF 4

ACM LEGEND:

ACM = ASBESTOS CONTAINING MATERIAL
VCT = VINYL COMPOSITION TILE
NAD = NO ASBESTOS DETECTED / NO ACM

- HA01 – 12" VCT (MULTI–BROWN) AND MASTIC
- HA06 – 9" VCT (BLACK) AND MASTIC (ROOM 108)
- HA08 – 9" VCT (BROWN WITH DARK BROWN) AND MASTIC
- HA09 – 12" VCT (GRAY) AND MASTIC
- HA26/27 – 12" VCT (TAN WITH BROWN AND WHITE) AND MASTIC

ASBESTOS NOTES:

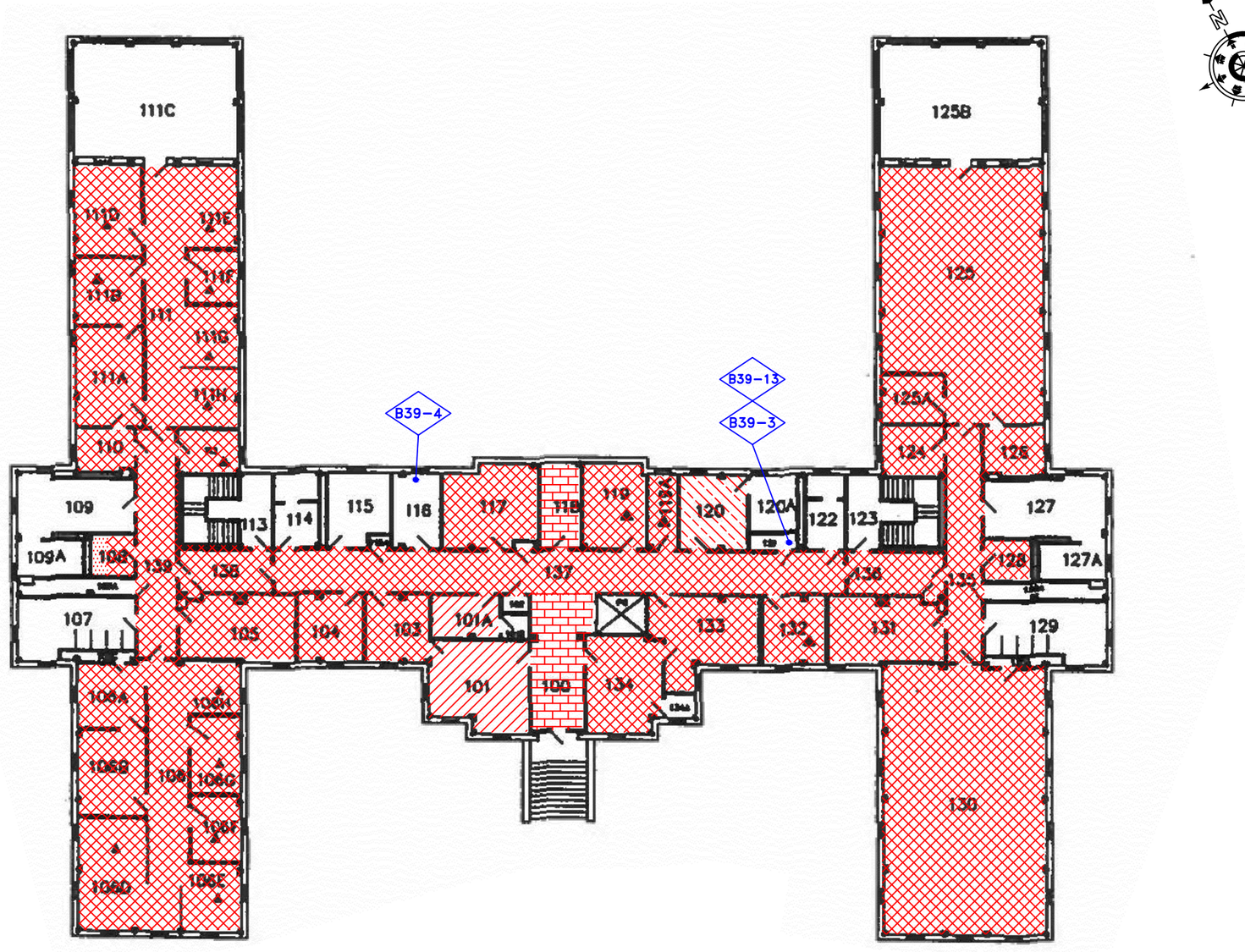
ACM = ASBESTOS CONTAINING MATERIAL

1. HA 19 (ACM DOMESTIC WATER PIPE INSULATION) AND HA 20 (ACM STEAM PIPE INSULATION) LIKELY PRESENT IN INACCESSIBLE AREAS, SUCH AS BUT NOT LIMITED TO, WALL AND CEILING CAVITIES.

2. HA 38 (ACM STRAIGHT RUN INSULATION) AND HA $\frac{39}{40}$ (ACM PIPE FITTING INSULATIONS) MAY BE PRESENT IN INACCESSIBLE AREAS, SUCH AS BUT NOT LIMITED TO, WALL AND CEILING CAVITIES.

SAMPLE LOCATION LEGEND

- B39–1 — Sample Locations/ No Asbestos Detected in Sample
- B39–1 — Sample Locations/ Asbestos Detected in Sample



NOT TO SCALE

BUILDING 39 – FIRST FLOOR

SHEET 2: BUILDING 39 – FIRST FLOOR

Safety Environmental Laboratories and Consulting, Inc.
SELC
989 Yeager Parkway
Pelham, AL 35124
(205) 823–6200 fax (205) 823–9066

PROJECT

3–YEAR ASBESTOS RE–INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404
SELC PROJECT NO.: 2014–1108

BUILDING 39
FIRST FLOOR
SHEET 2 OF 4

ACM LEGEND:

ACM = ASBESTOS CONTAINING MATERIAL
VCT = VINYL COMPOSITION TILE
NAD = NO ASBESTOS DETECTED / NO ACM

HA10 – 12" VCT (GREEN WITH DARK GREEN) AND MASTIC

HA11 – 9" VCT (LIGHT BROWN) AND MASTIC

HA12 – 9" VCT (WHITE WITH BLACK) AND MASTIC

HA30/31 – 12" VCT (OFF–WHITE AND BURGUNDY) AND MASTIC

HA31/33 – 12" VCT (OFF–WHITE WITH TAN AND BEIGE) AND MASTIC

ASBESTOS NOTES:

ACM = ASBESTOS CONTAINING MATERIAL

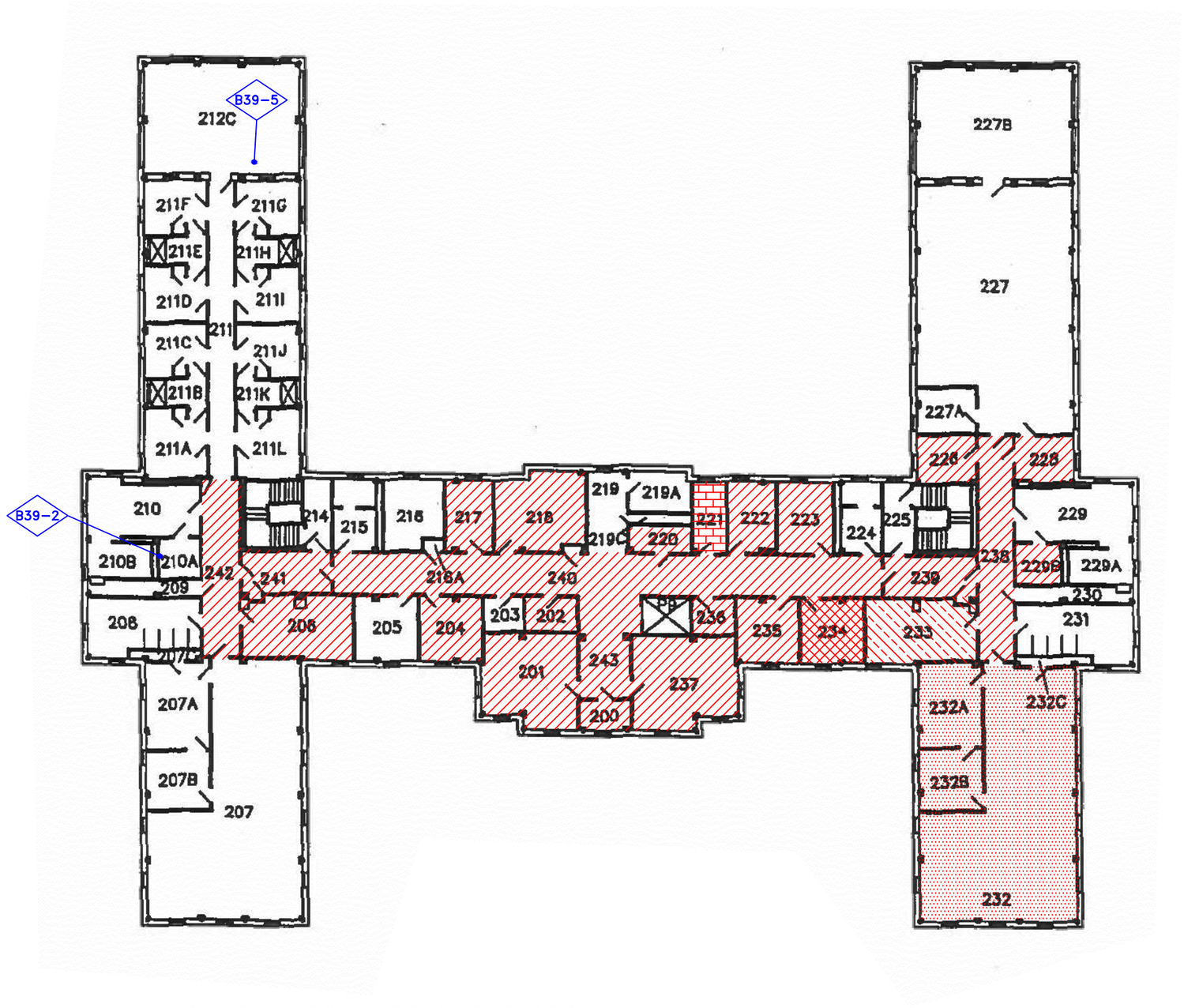
1. HA 19 (ACM DOMESTIC WATER PIPE INSULATION) AND HA 20 (ACM STEAM PIPE INSULATION) LIKELY PRESENT IN INACCESSIBLE AREAS, SUCH AS BUT NOT LIMITED TO, WALL AND CEILING CAVITIES.

2. HA 38 (ACM STRAIGHT RUN INSULATION) AND HA $\frac{39}{40}$ (ACM PIPE FITTING INSULATIONS) MAY BE PRESENT IN INACCESSIBLE AREAS, SUCH AS BUT NOT LIMITED TO, WALL AND CEILING CAVITIES.

SAMPLE LOCATION LEGEND

B39–1 Sample Locations/ No Asbestos Detected in Sample

B39–1 Sample Locations/ Asbestos Detected in Sample



NOT TO SCALE

BUILDING 39 – SECOND FLOOR

SHEET 3: BUILDING 39 – SECOND FLOOR	Safety Environmental Laboratories and Consulting, Inc. 989 Yeager Parkway Pelham, AL 35124 (205) 823–6200 fax (205) 823–9066	PROJECT 3–YEAR ASBESTOS RE–INSPECTION VAMC TUSCALOOSA 3701 LOOP ROAD TUSCALOOSA, ALABAMA 35404 SELC PROJECT NO.: 2014–1108	BUILDING 39 SECOND FLOOR SHEET 3 OF 4

ASBESTOS NOTES:

ACM = ASBESTOS CONTAINING MATERIAL

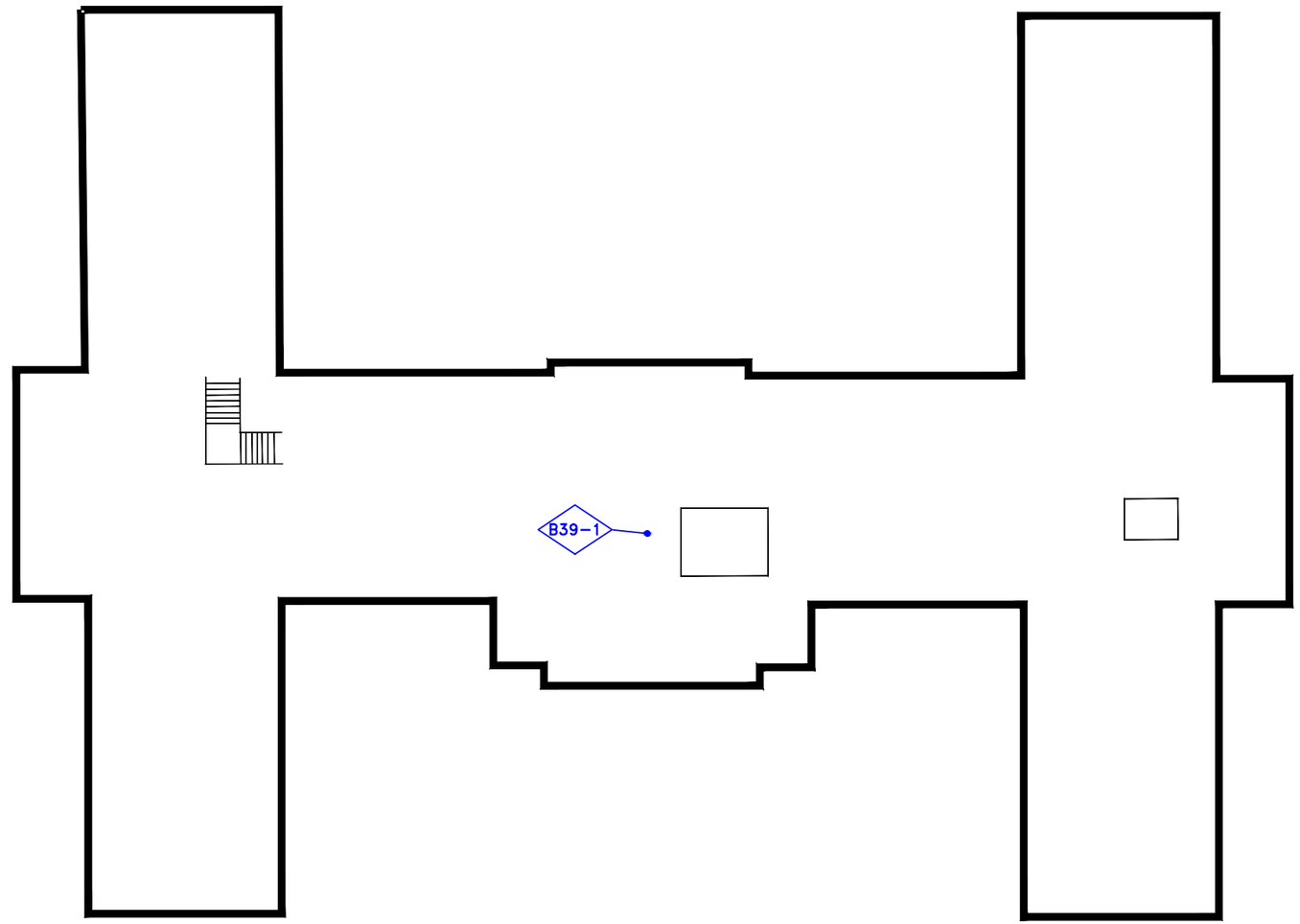
1. HA 19 (ACM DOMESTIC WATER PIPE INSULATION) AND HA 20 (ACM STEAM PIPE INSULATION) LIKELY PRESENT IN INACCESSIBLE AREAS, SUCH AS BUT NOT LIMITED TO, WALL AND CEILING CAVITIES.

2. HA 38 (ACM STRAIGHT RUN INSULATION) AND HA $\frac{39}{40}$ (ACM PIPE FITTING INSULATIONS) MAY BE PRESENT IN INACCESSIBLE AREAS, SUCH AS BUT NOT LIMITED TO, WALL AND CEILING CAVITIES.

SAMPLE LOCATION LEGEND

B39–1 Sample Locations/ No Asbestos Detected in Sample

B39–1 Sample Locations/ Asbestos Detected in Sample



NOT TO SCALE

BUILDING 39 – ATTIC

SHEET 4: BUILDING 39 – ATTIC

Safety Environmental Laboratories and Consulting, Inc.
989 Yeager Parkway
Pelham, AL 35124
SELC
(205) 823–6200 fax (205) 823–9066

PROJECT

3–YEAR ASBESTOS RE–INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014–1108

BUILDING 39
ATTIC
SHEET 4 OF 4

APPENDIX M-4
PLM Laboratory Reports

Safety Environmental Laboratories and Consulting, Inc.

Asbestos Bulk Sample Analysis Report

989 Yeager Pkwy.
Pelham, AL 35124

Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

Customer: **Safety Environmental Laboratories and Consulting, Inc.**
989 Yeager Parkway
Pelham, AL 35124

Telephone: **205-823-6200** Fax: **205-823-9066**

Sample Receipt Date: 08/04/2014
Sample Analysis Date: 08/06/2014
Sample Report Date: 08/07/2014

Project Name: **VAMC Tuscaloosa**
Project Location: **Building 39**

SELC Project #: **2014-1108**

Asbestos Identification in Bulk Materials by Polarized Light Microscopy

EPA/600/R-93/116 July 1993 – Method for the Determination of Asbestos in Bulk Building Materials

Note: See Attached Notes and Descriptions Sheet for Applicable Abbreviations and Notes

Customer Sample No.	Lab Sample No.	Sub-sample No.	Layer No.	Sample Location / Description	Homo-geneous (yes/no)	Asbestos % and Type	% Non-Asbestos Fibers	% Non-Fibrous Material
B39-1	19	N/A	1	Duct Seam Tape – Attic Duct Tape – White, Fibrous	N	None Detected	80% Cellulose Fibers	20%
B39-2	20	N/A	1	Duct Seam Tape – Closet 210A Duct Tape – White, Fibrous	N	None Detected	75% Cellulose Fibers	25%
B39-3	21	N/A	1	Pipe Elbow Insulation – Room 121 Insulation – Gray, Fibrous	N	None Detected	45% Mineral Wool	55%
B39-4	22	N/A	1	Black Floor Mastic Exposed in Room 116 Mastic – Black, Soft	N	None Detected	7% Cellulose Fibers	93%
B39-5	23	N/A		Vinyl Sheet Flooring and Mastic – Room 212C				
			1	Vinyl – Yellow, Resinously Bound	N	None Detected	None Detected	100%
			2	Leveling Material – Gray, Granular/Hard	N	None Detected	None Detected	100%
			3	Mastic – Black, Soft	N	None Detected	5% Cellulose Fibers	95%

☒ This report is **FINAL** ☐ This report is **PRELIMINARY** – pending final QC

Analyst
Kris Parker – Asbestos Analyst

Technical Review
Brian Ray – Asbestos Analyst

Quality Review
Carol Findlay – Microscopy Manager

989 Yeager Pkwy.
Pelham, AL 35124

Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

PLM Notes and Descriptions

1. Upper detection limit: 100%. Lower detection limit: <1%.
2. Bulk Samples will be stored for 3 months and will then be disposed of in an approved EPA landfill.
3. Analysis of floor tile or any other resinously bound materials by polarized light microscopy (PLM) using EPA Method 600/R-93/116 dated July 1993 may yield false-negative results because of method limitations in separating closely bound fibers from matrix material and in detecting fibers of small length and/or diameter. When analysis of such materials by the EPA PLM Method yields negative results for the presence of asbestos we recommend utilizing alternative methods of identification such as Gravimetry, XRD or AEM.
4. Samples are not homogenized by SELC prior to analysis. Distinct material layers within a sample are analyzed and reported separately by SELC. When multiple products are submitted by the customer under one sample number, SELC indicates those distinct products as sub-samples. SELC retains all samples numbers but will designate a sample number to those that are not given a sample number by the customer.
5. Percentages given are based on a visual estimated calibration.
6. Safety Environmental Laboratories and Consulting, Inc. is a NVLAP accredited laboratory, Lab Code: 200873-0 (ISO/IEC Standard 17025:2005 Compliant).
7. Results relate only to the samples tested. All tests were performed under the scope of SELC's NVLAP accreditation, unless indicated otherwise.
8. All samples were received in a condition suitable for analysis ("Good"), unless otherwise noted.
9. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.
10. Analytical Instrument: Olympus Polarized Light Microscope Series BH-2 Model BHT-002

Analyst
Kris Parker – Asbestos Analyst

Technical Review
Brian Ray – Asbestos Analyst

Quality Review
Carol Findlay – Microscopy Manager

Safety Environmental Laboratories and Consulting, Inc.

989 Yeager Pkwy. Phone: (205) 823-6200
Pelham, AL 35124 Fax: (205) 823-9066

Environmental, Health, and Safety Solutions

SELC

Chain of Custody Form

Customer: Safety Environmental Labs and Consulting, Inc.
Address: 989 Yeager Parkway
Pelham, AL 35126
Phone: 205-823-6200 Fax: 205-823-9066
E-mail:

Project Number: 2014-1108
Project Name: VAMC Tuscaloosa
Project Location: Building 39
PO Number:
SELC Proj. #:

Sample Type
- ☐ Air
- ☒ Bulk
- ☐ Paint
- ☐ Soil
- ☐ Waste
- ☐ Other:

Asbestos Analysis
- ☐ Asbestos Air - PCM
- ☐ Asbestos Air - TEM
- ☒ PLM (EPA 600/R-93/116)
- ☐ PLM (EPA Point Count)
- ☐ Other:

Metals Analysis
- ☐ Total Conc. - Lead
- ☐ Total Conc. - RCRA 8-Metals
- ☐ TCLP - Lead
- ☐ TCLP - RCRA 8-Metals
- ☐ TCLP - Full (w/ organics)
- ☐ Other:

Turn-Around Time*
- ☐ Rush/Same Day†
- ☐ 24 Hours
- ☐ 48 Hours
- ☒ 3 Business Days
- ☐ 4 Business Days
- ☐ Other:

- Field blanks should be submitted with all samples -

** Some TAT not available for all tests. Must schedule rush organics, multi-metals, and weekend tests in advance.*
† Same day not available after 2:00 PM

Sample #	Date Sampled	Sample Description (e.g. Employee Name, SSN, Bldg, Material)	Area Wiped (ft²)	Type ‡ A/B/P/E	Time of Sampling Start	Time of Sampling Stop	Flow Rate (L/min) Start	Flow Rate (L/min) Stop	Total Vol. (L)	SELC USE ONLY #	SELC USE ONLY Cond
B39-1	7/24/14	Duct seam tape - Attic								19	G
B39-2	"	Duct seam tape - Closet 210A								20	"
B39-3	"	Pipe elbow insulation - Room 121								21	"
B39-4	"	Black fiber mastic exposed in Room 116								22	"
B39-5	"	Vinyl sheet flooring + mastic - Room 212C								23	"

‡ A - Area, B - Blank, P - Personal, E - Excursion

Sampled By:
Signature
Elizabeth Hyde

Relinquished by:

Signature	Date	Time
Elizabeth Hyde	8/4/14	1:30pm

Received By:

Signature	Date	Time
Betty Lindsey	8/4/14	1:25pm

Safety Environmental Laboratories and Consulting, Inc.

Asbestos Bulk Sample Analysis Report

989 Yeager Pkwy.
Pelham, AL 35124

Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

Customer: **Safety Environmental Laboratories and Consulting, Inc.**
989 Yeager Parkway
Pelham, AL 35124

Telephone: **205-823-6200** Fax: **205-823-9066**

Sample Receipt Date: 08/07/2014
Sample Analysis Date: 08/08/2014
Sample Report Date: 08/11/2014

Project Name: **VAMC Tuscaloosa**
Project Location: **Building 39**

SELC Project #: **2014-1108**

Asbestos Identification in Bulk Materials by Polarized Light Microscopy

EPA/600/R-93/116 July 1993 – Method for the Determination of Asbestos in Bulk Building Materials

Note: See Attached Notes and Descriptions Sheet for Applicable Abbreviations and Notes

Customer Sample No.	Lab Sample No.	Sub-sample No.	Layer No.	Sample Location / Description	Homo-geneous (yes/no)	Asbestos % and Type	% Non-Asbestos Fibers	% Non-Fibrous Material
B39-6	44	N/A		Mastic/Wrap/Insulation on Pipe Fitting – Stair 6				
			1	Insulation – White, Fibrous	Y	20% Chrysotile 3% Amosite	None Detected	77%
			2	Wrap/Paint – Tan/White, Fibrous/Brittle **Unable to separate individual layers** **No mastic in sample**	N	None Detected	80% Cellulose Fibers	20%
B39-7	45	N/A		Mastic/Wrap/Insulation on Pipe – Stair 6				
			1	Insulation – White, Fibrous	Y	50% Chrysotile	35% Cellulose Fibers	15%
			2	Wrap/Paint – Tan/White, Fibrous/Brittle **Unable to separate individual layers** **No mastic on sample**	N	None Detected	80% Cellulose Fibers	20%
B39-8	46	N/A		Mastic/Wrap/Insulation on Pipe Fitting – Stair 11				
			1	Insulation – White, Fibrous	Y	20% Chrysotile 5% Amosite	None Detected	75%
			2	Wrap/Paint – Tan/White, Fibrous/Brittle **Unable to separate individual layers** **No mastic on sample**	N	None Detected	20% Cellulose Fibers	80%

Analyst
Carol Findlay – Microscopy Manager

Technical Review
Brian Ray – Asbestos Analyst

Quality Review
Carol Findlay – Microscopy Manager

Safety Environmental Laboratories and Consulting, Inc.

Asbestos Bulk Sample Analysis Report

989 Yeager Pkwy.
Pelham, AL 35124

Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

Customer: **Safety Environmental Laboratories and Consulting, Inc.**
989 Yeager Parkway
Pelham, AL 35124

Telephone: **205-823-6200** Fax: **205-823-9066**

Sample Receipt Date: 08/07/2014
Sample Analysis Date: 08/08/2014
Sample Report Date: 08/11/2014

Project Name: **VAMC Tuscaloosa**
Project Location: **Building 39**

SELC Project #: **2014-1108**

Asbestos Identification in Bulk Materials by Polarized Light Microscopy

EPA/600/R-93/116 July 1993 – Method for the Determination of Asbestos in Bulk Building Materials

Note: See Attached Notes and Descriptions Sheet for Applicable Abbreviations and Notes

Customer Sample No.	Lab Sample No.	Sub-sample No.	Layer No.	Sample Location / Description	Homo-geneous (yes/no)	Asbestos % and Type	% Non-Asbestos Fibers	% Non-Fibrous Material
B39-9	47	N/A		Mastic/Wrap/Insulation on Pipe – Stair 11				
			1	Insulation – White, Fibrous	Y	50% Chrysotile	35% Cellulose Fibers	15%
			2	Insulation – Brown/Black, Fibrous/Bituminous	N	None Detected	70% Cellulose Fibers	30%
			3	Wrap/Paint – Tan/White, Fibrous/Brittle **Unable to separate individual layers** **No mastic on sample**	N	None Detected	80% Cellulose Fibers	20%
B39-10	48	N/A		Mastic/Wrap/Insulation on Pipe – Stair 11				
			1	Insulation – White, Fibrous	Y	50% Chrysotile	35% Cellulose Fibers	15%
			2	Insulation – Brown/Black, Fibrous/Bituminous	N	None Detected	70% Cellulose Fibers	30%
			3	Wrap/Paint – Tan/White, Fibrous/Brittle **Unable to separate individual layers** **No mastic on sample**	N	None Detected	80% Cellulose Fibers	20%
B39-11	49	N/A		Mastic/Wrap/White and Gray Insulation on Pipe Fitting – Stair 11				
			1	Insulation – White, Fibrous	Y	7% Chrysotile 5% Amosite	None Detected	88%
			2	Insulation – Gray, Fibrous	Y	20% Chrysotile	60% Mineral Wool	20%

Analyst
Carol Findlay – Microscopy Manager

Technical Review
Brian Ray – Asbestos Analyst

Quality Review
Carol Findlay – Microscopy Manager

Safety Environmental Laboratories and Consulting, Inc.

Asbestos Bulk Sample Analysis Report

989 Yeager Pkwy.
Pelham, AL 35124
Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

Customer: **Safety Environmental Laboratories and Consulting, Inc.**
989 Yeager Parkway
Pelham, AL 35124

Telephone: **205-823-6200** Fax: **205-823-9066**

Sample Receipt Date: 08/07/2014
Sample Analysis Date: 08/08/2014
Sample Report Date: 08/11/2014

Project Name: **VAMC Tuscaloosa**
Project Location: **Building 39**

SELC Project #: **2014-1108**

Asbestos Identification in Bulk Materials by Polarized Light Microscopy

EPA/600/R-93/116 July 1993 – Method for the Determination of Asbestos in Bulk Building Materials

Note: See Attached Notes and Descriptions Sheet for Applicable Abbreviations and Notes

Customer Sample No.	Lab Sample No.	Sub-sample No.	Layer No.	Sample Location / Description	Homo-geneous (yes/no)	Asbestos % and Type	% Non-Asbestos Fibers	% Non-Fibrous Material
			3	Wrap/Paint – Tan/White, Fibrous/Brittle **Unable to separate individual layers** **No mastic on sample**	N	None Detected	80% Cellulose Fibers	20%
B39-12	50	N/A		Mastic/Wrap/White and Gray Insulation on Pipe Fitting – Stair 11				
			1	Insulation – White, Fibrous	Y	7% Chrysotile 5% Amosite	None Detected	88%
			2	Insulation – Gray, Fibrous	Y	20% Chrysotile	60% Mineral Wool	20%
			3	Wrap/Paint – Tan/White, Fibrous/Brittle	N	None Detected	80% Cellulose Fibers	20%
B39-13	51	N/A		Pipe Fitting Insulation – Closet 121 Insulation – Gray, Granular/Fibrous	N	None Detected	35% Mineral Wool 20% Fiberglass	45%

☒ This report is **FINAL** ☐ This report is **PRELIMINARY** – pending final QC

Carol Findlay
Analyst
Carol Findlay – Microscopy Manager

Brian Ray
Technical Review
Brian Ray – Asbestos Analyst

Carol Findlay
Quality Review
Carol Findlay – Microscopy Manager

989 Yeager Pkwy.
Pelham, AL 35124

Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

PLM Notes and Descriptions

1. Upper detection limit: 100%. Lower detection limit: <1%.
2. Bulk Samples will be stored for 3 months and will then be disposed of in an approved EPA landfill.
3. Analysis of floor tile or any other resinously bound materials by polarized light microscopy (PLM) using EPA Method 600/R-93/116 dated July 1993 may yield false-negative results because of method limitations in separating closely bound fibers from matrix material and in detecting fibers of small length and/or diameter. When analysis of such materials by the EPA PLM Method yields negative results for the presence of asbestos we recommend utilizing alternative methods of identification such as Gravimetry, XRD or AEM.
4. Samples are not homogenized by SELC prior to analysis. Distinct material layers within a sample are analyzed and reported separately by SELC. When multiple products are submitted by the customer under one sample number, SELC indicates those distinct products as sub-samples. SELC retains all samples numbers but will designate a sample number to those that are not given a sample number by the customer.
5. Percentages given are based on a visual estimated calibration.
6. Safety Environmental Laboratories and Consulting, Inc. is a NVLAP accredited laboratory, Lab Code: 200873-0 (ISO/IEC Standard 17025:2005 Compliant).
7. Results relate only to the samples tested. All tests were performed under the scope of SELC's NVLAP accreditation, unless indicated otherwise.
8. All samples were received in a condition suitable for analysis ("Good"), unless otherwise noted.
9. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.
10. Analytical Instrument: Olympus Polarized Light Microscope Series BH-2 Model BHT-002

Analyst	**Technical Review**	**Quality Review**
Carol Findlay – Microscopy Manager	Brian Ray – Asbestos Analyst	Carol Findlay – Microscopy Manager

Safety Environmental Laboratories and Consulting, Inc.

989 Yeager Pkwy.
Pelham, AL 35124
Phone: (205) 823-6200
Fax: (205) 823-9066

Environmental, Health, and Safety Solutions

SELC

Chain of Custody Form

Customer: Safety Environmental Labs and Consulting, Inc.
Address: 989 Yeager Parkway
Pelham, AL 35126
Phone: 205-823-6200 Fax: 205-823-9066
E-mail:

Project Number: 2014-1108
Project Name: VAMC Tuscaloosa
Project Location: Building 39
PO Number:
SELC Proj. #:

Sample Type
- ☐ Air
- ☒ Bulk
- ☐ Paint
- ☐ Soil
- ☐ Waste
- ☐ Other:

Asbestos Analysis
- ☐ Asbestos Air - PCM
- ☐ Asbestos Air - TEM
- ☒ PLM (EPA 600/R-93/116)
- ☐ PLM (EPA Point Count)
- ☐ Other:

Metals Analysis
- ☐ Total Conc. - Lead
- ☐ Total Conc. - RCRA 8-Metals
- ☐ TCLP - Lead
- ☐ TCLP - RCRA 8-Metals
- ☐ TCLP - Full (w/ organics)
- ☐ Other:

Turn-Around Time*
- ☐ Rush/Same Day†
- ☐ 24 Hours
- ☒ 48 Hours
- ☐ 3 Business Days
- ☐ 4 Business Days
- ☐ Other:

- Field blanks should be submitted with all samples -

** Some TAT not available for all tests. Must schedule rush organics, multi-metals, and weekend tests in advance.*
† Same day not available after 2:00 PM

Sample #	Date Sampled	Sample Description (e.g. Employee Name, SSN, Bldg. Material)	Area Wiped (ft²)	Type ‡ A/B/P/E	Time of Sampling Start	Time of Sampling Stop	Flow Rate (L/min) Start	Flow Rate (L/min) Stop	Total Vol. (L)	SELC USE ONLY #	SELC USE ONLY Cond
B39-6	8/6/14	Mastic/Cement Wrap/Fiberglass/Insulation on pipe fitting - Stair 6								44	G
B39-7	"	Mastic/Cement Wrap/Fiberglass/Insulation on pipe - Stair 6								45	"
B39-8	"	Mastic/Wrap/Insulation on pipefitting - Stair 11								46	"
B39-9	"	Mastic/Wrap/Insulation on pipe - Stair 11								47	"
B39-10	"	Mastic/Wrap/Insulation on pipe - Stair 11								48	"
B39-11	"	Mastic/Wrap/White+Gray Insulation on pipefitting - Stair 11								49	"
B39-12	"	" " " "	"	" - Stair 11						50	"
B39-13	"	Pipefitting insulation - Closet	121							51	

‡ A - Area, B - Blank, P - Personal, E - Excursion

Sampled By:
Signature
Elizabeth Hyde

Relinquished by:

Signature	Date	Time
Elizabeth Hyde	8/7/14	8:45am

Received By:

Signature	Date	Time
Betty Lindsey	8/7/14	9:00 am

APPENDIX M-5
Photographic Documentation

Photographic Documentation – 3 Year Asbestos Re-inspection – Building 39



PHOTOGRAPH 1
HA 01 – ACM 12” Multi-brown VCT and mastic. Photograph taken in Room 101A.



PHOTOGRAPH 3
HA 09 (ACM 9” brown VCT – bottom of photo) & HA 26/27 (ACM 12” off-white and brown VCT and mastic – top of photo) in Corridor 100 and 137, respectively.



PHOTOGRAPH 2
HA 06 (ACM Black 9” VCT and mastic) and HA 26/27 (ACM off-white/brown 12” VCT and mastic) in Room 108.



PHOTOGRAPH 4
HA 10 – ACM 12” Green VCT and mastic present throughout significant portion of second floor.

Photographic Documentation – 3 Year Asbestos Re-inspection – Building 39



PHOTOGRAPH 5
Pipes (2 - one pipe hidden from view) insulated with HA 38 and 39 (ACM) in stairwell 6.



PHOTOGRAPH 6
Pipes (two) with ACM insulation in stairwell 11. HA 38/39 on smaller pipe. HA 38/40 on larger pipe, which is hot to touch.



PHOTOGRAPH 7
Newer downspouts observed on Building 39.



PHOTOGRAPH 8
Newer downspouts observed on Building 39.

Photographic Documentation – 3 Year Asbestos Re-inspection – Building 39



PHOTOGRAPH 9
HA 26/27 – Off-white and brown VCT and mastic present throughout significant portion of 1st floor. Photograph taken in Room 130.



PHOTOGRAPH 11
HA 34 – Non-ACM Duct seam tape in chase of Room 210A.



PHOTOGRAPH 10
HA 34 – Non-ACM Duct seam tape at seams/joints of metal exhaust ductwork in attic.



PHOTOGRAPH 12
HA 35 – Canvas-wrapped pipe fitting mud insulation (non-ACM) on piping in Closet 121.



PHOTOGRAPH 13
HA 36 – Non-ACM black mastic exposed in Room 116.

NO PHOTOGRAPH



PHOTOGRAPH 14
HA 37 – Non-ACM vinyl sheet flooring (yellow/brown pebble patterned) pictured in 212C. Also present in 227B.

NO PHOTOGRAPH

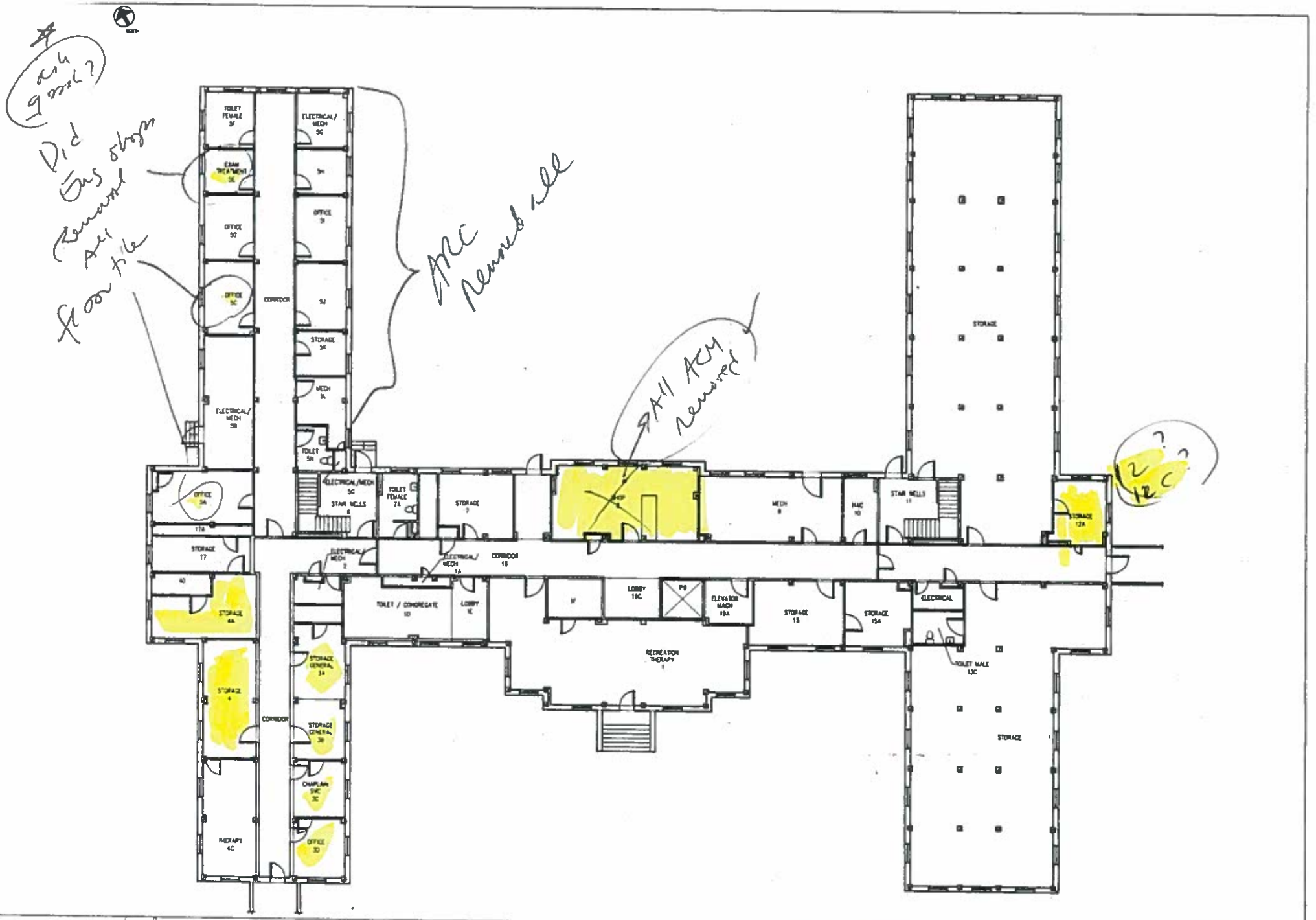
APPENDIX M-6
Estimated Asbestos Abatement Costs

BUILDING 39 ESTIMATED ASBESTOS ABATEMENT COSTS				
HA NUMBER(S)	**TYPE OF ACM**	**FRIABLE/ NON-FRIABLE**	**APPROXIMATE QUANTITY**	**ESTIMATED ABATEMENT COST**
01, 06, 08, 09, 10, 11, 12, 26/27, 31/31, 32/33	Vinyl composition floor tile and mastic	Non-Friable	21,610 square feet	$108,050
HA 19 (see Note 5)	Domestic water system pipe insulation (“cardboard”-like)	Friable	NP	NP
HA 20 (see Note 5)	Steam system pipe insulation (“magnesia”-type)	Friable	NP	NP
HA 38 (see Note 5)	Cardboard-like straight run pipe insulation	Friable	~ 35 linear feet exposed in Stairwells 6 and 11	$1,750
HA 39 and 40 (see Note 5)	Pipe fitting insulations	Friable	~ 20 fittings exposed in Stairwells 6 and 11	$1,000

Notes:

1. HA = Homogeneous area
2. ACM = Asbestos containing material
3. NP = Not provided
4. Costs provided are general estimates for information purposes only. A complete and specific cost estimate should be obtained from Alabama accredited asbestos abatement contractors prior to any abatement project.
5. Quantity and cost estimates are provided only for observable ACM/homogeneous area. Cost estimates are not provided for inaccessible portions/quantities of a homogeneous group.

APPENDIX M-7
Additional VAMC Supplied Notes/Information



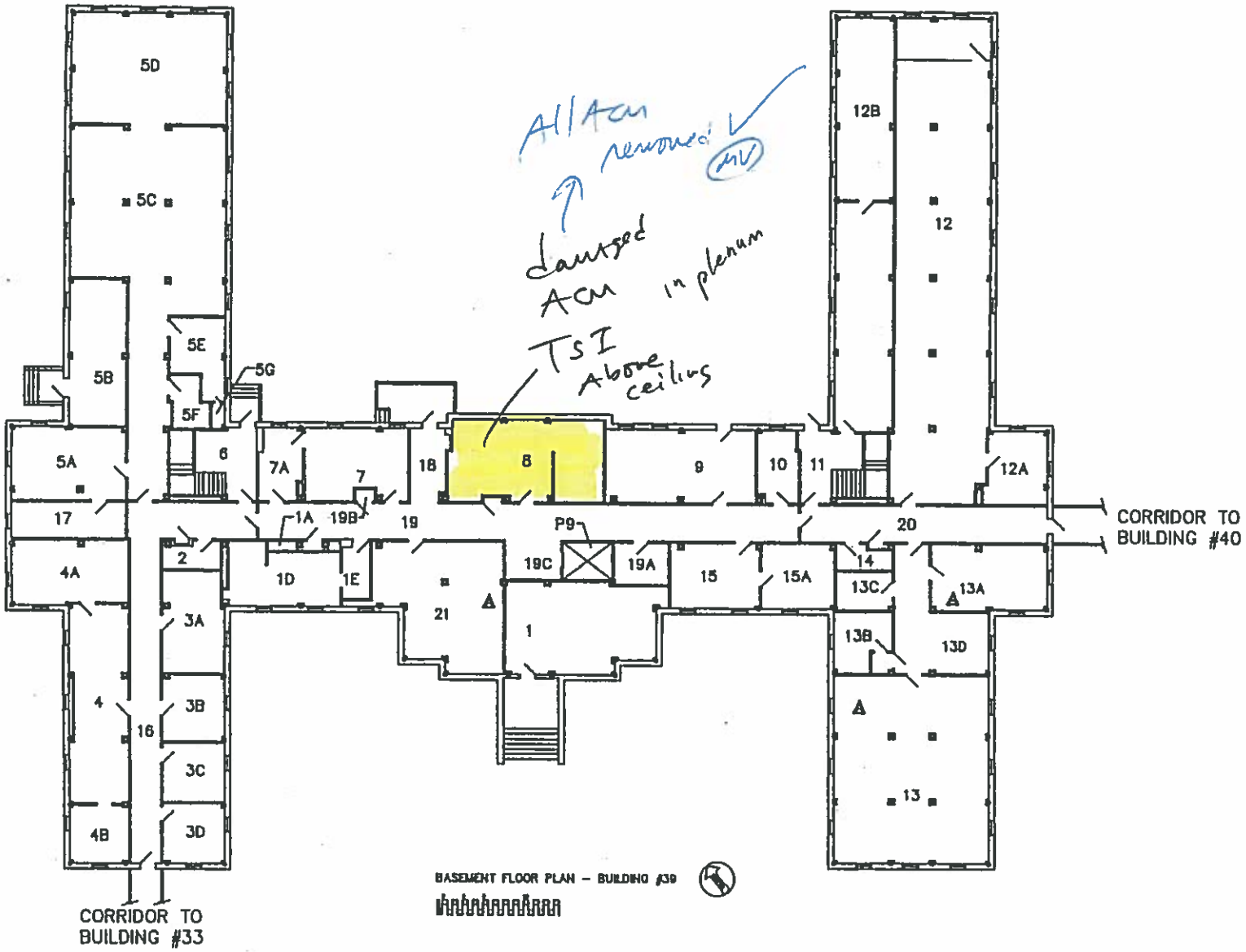
Indus Systems, Inc.
2352, Main Street, Concord MA 01742
Tel: 978-461-0555
www.indus-systems.com

Drawing Title	BASEMENT FLOOR PLAN ARCHITECTURAL
Project Title	AS-BUILT Drawings
Date	03-19-2010
Project No.	
Approved:	
Building Number	39
Checked	
Drawn	
Drawing No.	
Approved:	
Location	VAMC TUSCALOOSA

Revisions | Date | Professional Seal

VAMC TUSCALOOSA

VA Department of Veterans Affairs



BASEMENT FLOOR PLAN
BUILDING 39
FILE NAME: 88086ABI

39-B

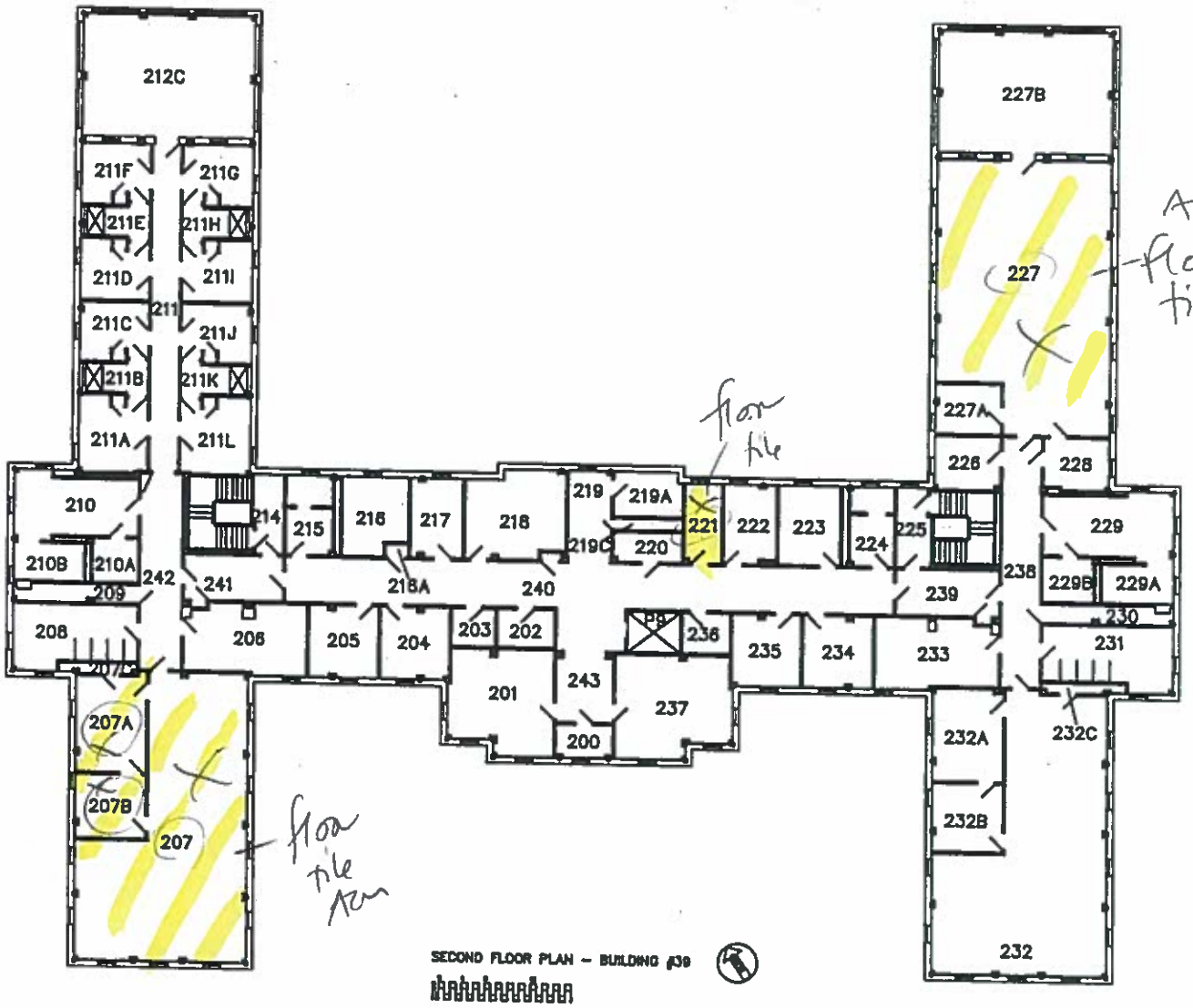
A =Additional wall added,
Deleted room.5-22-95 (DF)



FIRST FLOOR PLAN
BUILDING 39
FILE NAME: 88086ABJ

39–1

8/16/11

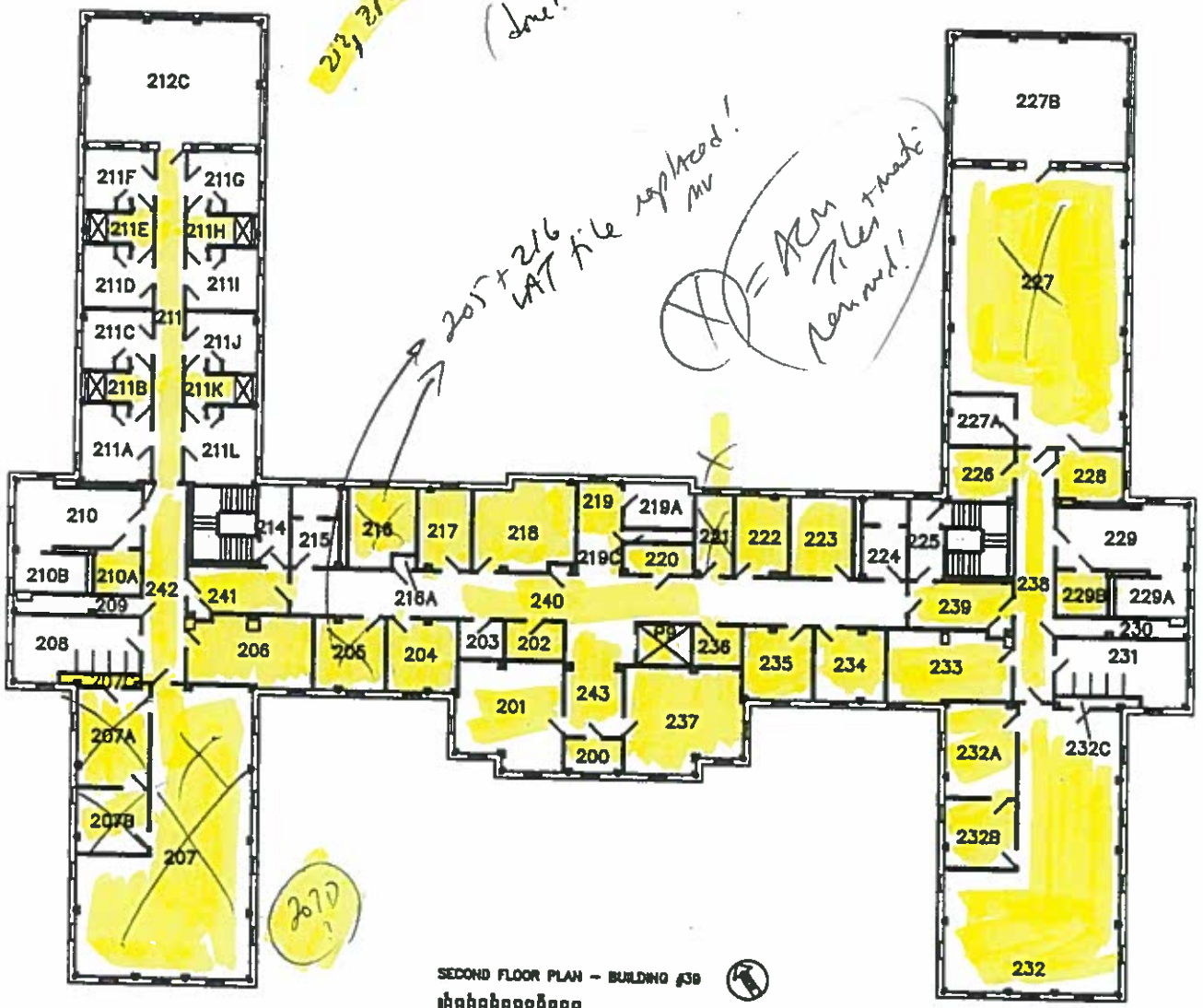


SECOND FLOOR PLAN – BUILDING #39

B-39 2nd Floor

SECOND FLOOR PLAN
BUILDING 39
FILE NAME: 88086ABK

39–2



SECOND FLOOR PLAN BUILDING 39
FILE NAME: 88086ABK
39–2

APPENDIX N

BUILDING 40
DAYCARE / OIT OFFICE BUILDING



INCLUDED IN APPENDIX N:

N-1 – Annual Asbestos Re-inspection Documentation

N-2 – Homogeneous Area / Sample Summary Table

N-3 – Sample/ACM Location Plans

N-4 – PLM Laboratory Reports

N-5 – Photographic Documentation

N-6 – Estimated Asbestos Abatement Costs

N-7 – Additional VAMC Supplied Notes/Information

APPENDIX N-1
Annual Asbestos Re-inspection Documentation

BUILDING 40 HOMOGENEOUS AREA LIST

HA 01 = 12" FLOOR TILE (MULTI BROWN) AND MASTIC
HA 02 = 9" FLOOR TILE (BLACK) AND MASTIC
HA 03 = 12" FLOOR TILE (gray/off-white) AND MASTIC
HA 04 = 12" FLOOR TILE (off-white with black) AND MASTIC- REMOVED
HA 05 = 12" FLOOR TILE (multi-yellow) AND MASTIC - REMOVED
HA 06 = 12" FLOOR TILE (GREEN WITH DARK GREEN)
HA 07 = 12" FLOOR TILE (LIGHT BROWN) AND MASTIC - REMOVED
HA 08 = 9" FLOOR TILE (BROWN) AND MASTIC
HA 09= 9" FLOOR TILE (LIGHT BROWN) AND MASTIC - REMOVED
HA 10 = 12" FLOOR TILE (MULTI-GREEN) AND MASTIC
HA 11 = 12" FLOOR TILE (off-white with BROWN) AND MASTIC
HA 12 = CEILING TILE – 2' X 2' GROOVE AND PINHOLE (OLD) – NAD
HA 13 = CEILING TILE – 2' X 2' GOOVED AND PINHOLE (NEW) – NAD
HA 14 = CEILING TILE – 2' X 2' SHALLOW GROOVE – NAD
HA 15 = CEILING TILE – 2' X 2' WHITE – NAD
HA 16 = CEILING TILE – 2' X 2' PINHOLE – NAD
HA 17 = CEILING TILE – 1' X 1' WHITE – NAD
HA 18 = ROOFING FELT – NAD
HA 19 = FLEXIBLE DUCT CONNECTOR
HA 20 = PIPE INSULATION (CARDBOARD-TYPE) DOMESTIC WATER PIPING
HA 21 = ROOFING TAR – ROOF - REMOVED
HA 22 = DOWNSPOUT TAR - REMOVED
HA 23 = PIPE INSULATION (MAGNESIA-TYPE) STEAM PIPING
HA 24/25 = 12" FT (WHITE WITH BROWN) AND MASTIC - REMOVED
HA 26/27 = 12" FT (BEIGE WITH BROWN AND WHITE) AND MASTIC - REMOVED
HA 28/29 = 12" FT (OFF-WHITE WITH GREY) AND MASTIC
HA 30 = OFF-WHITE/CREAM DUCT SEAM TAPE - NAD
HA 31 = 12" OFF-WHITE/BEIGE FLOOR TILE AND BLACK MASTIC
HA 32 = 12" OFF-WHITE FLOOR TILE AND BROWN MASTIC - NAD
HA 33 = VINYL SHEET FLOORING (LIGHT TAN PEBBLE PATTERN) - NDA
HA 34 = CARDBOARD-LIKE STRAIGHT RUN PIPE INSULATION
HA 35 = PIPE FITTING INSULATION

HA = HOMOGENEOUS AREA
HA = ASBESTOS CONTAINING MATERIAL
NAD = NO ASBESTOS DETECTED
HA (ITALICIZED) = IDENTIFIED BY SELC DURING 2014 RE-INSPECTION. OTHER HOMOGENEOUS AREAS IDENTIFIED DURING PREVIOUS RE-INSPECTIONS/INSPECTIONS BY OTHER CONSULTANTS.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 40 Homogeneous Area #: 01 Date: 7/25/14
Description: 12" x 12" Floor tile (multi-brown) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Present below carpet in Rooms 4C, 4D, 4F, 221, 221A - good condition, ~ 550 ft^2. Present/exposed in Rooms 119, 202, 227A (~ 700 ft^2). Removed/carpet over concrete in Rooms 4, 4A-B, 4G-J, 5B, 5C-K, 101, 211B, 211D. New Centiva flooring in Room 102A. New 12" VCT in Elevator P7.

2009 Inspection Note: ACM/ACE with potential for damage. Elevator P7 - fair condition. Rooms 119, 202, 211C-1, 220A, 227A - good condition. Rooms 4, 4A-J, 5, 5B, 5D-K, 101, and 221 - have carpet over tile.

2002 Inspection Note: ACM/ACE with potential for damage. Room P-7, 4, 4A-J, 5, 5B, 5D-K, 101, 202, 211B, 221, 221A, 227, AND 227C-1. UNDER CARPET. GOOD CONDITION. No reference to 102A or 211D.

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 4, 4A-J, 5, 5B-K (4,390 SF) / Rooms 101 and 102A (415 SF) / Rooms 202, 211B, 211D, 221 221A, and 227A (1,510 SF)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 40 Homogeneous Area #: 02 Date: 7/25/14
Description: 9" x 9" Floor tile (black) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Mostly removed from Room 5A; newer 12" VCT present in Room 5A. However three, 1" x 12" strips of HA 02 present in Room 5A. Fair condition.

2009 Inspection Note: N/A

2002 Inspection Note: Indicates HA 02 was removed/abated from Room 5A

1991 Inspection Note: ACM/ACE with potential for damage. Room 5A (225 SF)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 40 Homogeneous Area #: 03 Date: 7/25/14
Description: 12" x 12" Floor tile (grey) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
__X__ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
(3)	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: VAMC notes indicate that HA 03 VCT appears to have been removed and replaced with newer 12" tiles in Rooms 1, 12, 14, and 16. However, ACM tile and ACM black mastic (HA03) remains present in Room 1 (see sample B40-4 collected from Room 1). Also present in Rooms 16 and 16A. Fair to poor condition in Room 1; ~1,000 ft^2. Good to fair in Rooms 16 and 16A; ~300 ft^2. A very new 12" cream and tan VCT is present in Room 12. Two other types of 12" VCT present in Room 14; see HA 31 and 32. Removed from Rooms 201A, 201A1, and 201B – floors in these rooms now finished with either carpet or Centiva flooring over concrete or terrazzo.

2009 Inspection Note: ACM/ACE with potential for damage. Room 1 – good condition.

2002 Inspection Note: ACM/ACE with potential for damage. Room 1 – good condition. Indicates other rooms abated or another HA (HA 24/25)

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 1, 12, 12A, 14 and 16 (6210 SF) / Rooms 201A, 201A1, 201B (915 SF)

Recommendation Response Action (circle applicable actions)

(*O&M*) (*Remove/Enclose/Encapsulate*) *Evacuate/Restrict*

Explain: Manage in place until practical to remove or encapsulate in Room 1, and in other locations until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 40 Homogeneous Area #: 04 Date: 7/25/14
Description: 12" x 12" Floor tile (offwhite with black) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed from Rooms 2 and 2A. New 12" gray VCT present in both rooms, but covered with carpet in Room 2.

2009 Inspection Note: ACM/ACE with potential for damage. Room 2 - has carpet. Room 2A has new floor tile.

2002 Inspection Note: ACM/ACE with potential for damage. Rooms 2 and 2A – good condition

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 2 and 2A (480 SF)

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 40 Homogeneous Area #: 05 Date: 7/25/14
Description: 12" x 12" Floor tile (multi-yellow) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed from /not present in Rooms 8, 9, 9A, 9B, 9C, 9D. Floor in Room 8 is concrete. New 12" brown VCT present in Rooms 9, 9B, and 9D. Carpet over new 12" brown VCT is present in Room 9C.

2009 Inspection Note: ACM/ACE with potential for damage. Rooms 9, 9A, 9B, and 9D - good condition. Room 9C - has carpet over tile.

2002 Inspection Note: ACM/ACE with potential for damage. Rooms 9, 9A - D - good condition. Does not reference presence of any ACM flooring in Room 8.

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 8, 9, 9A-D (1,615 SF)

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 40 Homogeneous Area #: 06 Date: 7/25/14
Description: 12" x 12" Floor tile (green w/dark green) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
X ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Present in Rooms 115A, 116, 118 – good to fair condition, ~ 300 ft^2. Removed from all other previously listed rooms. Generally replaced with carpet or new VCT.

2009 Inspection Note: ACM/ACE with potential for damage. Rooms 102, 106, 106A, and 118 - good to fair condition. Room 116 - fair to poor condition. Rooms 102B, 103, 104, 105, 111, 114, 115, 120, 120A, 121, 124-125, 127, 128, 132-142 - floor tile has been abated and replaced with carpet.

2002 Inspection Note: ACM/ACE with potential for damage. Rooms 102B, 103, 104, 105, 106, 106A, 111, 114, 115, 116, 118, 120, 120A, 121, 124-128, 132 - 142. Room 102B is labeled 102. Good condition.

1991 Inspection Note: ACM/ACE with potential for damage. Room 103-106A, 111, 114-116, 118, 120, 120A, 121, 124-125, 127-128, and 132-142 (6425 SF)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 40 Homogeneous Area #: 07 Date: 7/25/14
Description: 12" x 12" Floor tile (light brown) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: See HA 28/29 for Room 110F-1. Removed from Rooms 109, 110, 110A-G, and 117. Has been replaced in these rooms with carpet. Please note that old Room 101A is now 102, and has a ceramic tile floor.

2009 Inspection Note: ACM/ACE with potential for damage. Rooms 109, 110, 110A, 110B, 110C, 110D, 110F, 110G, 117 - have carpet over tile.

2002 Inspection Note: ACM/ACE with potential for damage. Rooms 109, 110, 110A-G, 117. Does not reference present of any ACM flooring in Room 101A. Room 110D may have been abated.

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 101A, 109-110, 110A-G, 117 (265 SF)

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 40 Homogeneous Area #: 08 Date: 7/25/14
Description: 9" x 9" Floor tile (brown) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Present in Rooms 227, 227B, 231, 231A, 231B, 232 – good to fair condition, ~2,100 ft^2. Removed from Rooms 126 and 131 – now carpet over concrete. Removed from Rooms 207, 207A-B, 211, 211A-B – now carpet over concrete.

2009 Inspection Note: ACM/ACE with potential for damage. Rooms 207, 207A, 207B, 211, 211A, 211B, 227, 227B, 231, 231A, 231B, 232 - good to fair condition. Rooms 126 and 131 have carpet over tile.

2002 Inspection Note: ACM/ACE with potential for damage. Rooms 126, 131, 207, 207A-B, 211, 211A-B, 227, 227B, 231, 231A-B, 232 - good condition.

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 126 and 131 (2,715 sf) / Rooms 207, 207A-B, 211, 211A-B, 227, 227B, 231, 231A-B, 232 (6,235 SF)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 40 Homogeneous Area #: 09 Date: 7/25/14
Description: 9" x 9" Floor tile (light brown) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed from Room 100 – now carpet over concrete.

2009 Inspection Note: ACM/ACE with potential for damage. Room 100 - has carpet over tile. No reference to Room 119.

2002 Inspection Note: ACM/ACE with potential for damage. Rooms 100 and 119 (only 229 sf) – good condition.

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 100 and 119 (2,715 sf)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 40 Homogeneous Area #: 10 Date: 7/25/14
Description: 12" x 12" Floor tile (multi green) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
X ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Present in Room 126A – fair condition, 640 ft^2.

2009 Inspection Note: ACM/ACE with potential for damage. Room 126A - fair condition.

2002 Inspection Note: ACM/ACE with potential for damage. Rooms 126A – good condition.

1991 Inspection Note: ACM/ACE with potential for damage. Room 126A (640 SF)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 40 Homogeneous Area #: 11 Date: 7/25/14
Description: 12" x 12" Floor tile (off-white w/brown) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Present/exposed in Rooms 200, 203, 215, 218, 226, 228, 235, 236, 237, 238, fair condition. Present below carpet in Rooms 219, 222, 223, 233 – good condition. Could not access Rooms 216, 216A, 216B – likely HA 11 present below carpet. Could not access Room 217 – likely exposed HA 11. ~ 3,000 ft^2. Removed from Rooms 204, 205, 206, 210, 211C, 211D, 212, 234 – have carpet over concrete.

2009 Inspection Note: ACM/ACE with potential for damage. Rooms 200, 203, 206, 211C, 211D, 215, 216, 216B, 217, 218, 226, 228, 235, 236, 237, 238, 239 - good to fair condition. Rooms 204, 205, 210, 212, 219, 222, 223, 233, 234 - have carpet over tile.

2002 Inspection Note: ACM/ACE with potential for damage. Rooms 200, 203-206, 210, 211C, 211D, 212, 215, 216, 216b, 217, 218, 219, 222, 223, 226, 228, 233, 234-239 - good condition.

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 200, 203-206, 210, 212, 215-219, 222, 223, 226, 228, 233 (5,290 SF)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 40 Homogeneous Area #: 19 Date: 7/25/14
Description: Flexible Duct Connector Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
__X__ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
(4)	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Room 110F-1 – poor condition.

2009 Inspection Note: ACM/ACE with potential for damage. Room 110F-1 – poor condition.

2002 Inspection Note: ACM/ACE with potential for damage. Room 100F-1 – good condition.

1991 Inspection Note: Any remaining friable ACM or friable suspected ACM or ACE. Room 100F1, 1 each.

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until practical to remove/abate.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 40 Homogeneous Area #: 20 Date: 7/25/14
Description: Pipe insulation – cardboard type – domestic water Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
__X__ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
(3)	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Per VAMC personnel, ACM TSI has been removed as needed since early 1990s in accessible chases, basement, attic, and crawlspaces. TSI on domestic water piping observed in basement, and in accessible chases appears to be insulated with kraft-faced or foam fiberglass insulation. However, HA 20 is likely still present in inaccessible areas, such as wall and ceiling cavities (inside / above plaster). In addition, insulation similar to or same as HA 20 may be present on accessible straight runs of piping, as described in HA 34; however, was unable to verify the type of pipe (domestic or steam) associated with HA 34.

2009 Inspection Note: ACM or ACE with potential for damage. Basement, first floor, second floors (in walls and above ceilings)-fair condition.

2002 Inspection Note: Damaged or significantly damaged TSI ACM or ACE. Within the walls of the basement and floors 1 and 2. Fair condition observed. This material should be abated when exposed during maintenance or renovation operations.

1991 Inspection Note: Damaged or significantly damaged TSI ACM or ACE. 1st floor (310 LF accessible and 120 LF inaccessible) / 2nd floor (220 LF accessible and 70 LF inaccessible)

Recommendation Response Action (circle applicable actions)

(*O&M*) (*Remove/Enclose/Encapsulate*) *Evacuate/Restrict*

Explain: Manage known or suspected HA 20 in place until such time as practical to remove. Remove or encapsulate as needed/encountered during renovation/repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 40 Homogeneous Area #: 21 Date: 7/25/14
Description: Roofing Tar Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Per VAMC, HA 21 removed as part of roof replacement (pitched roof). Note – elevator room roof is metal.

2009 Inspection Note: No comment / outside scope of work.

2002 Inspection Note: ACM/ACE with potential for damage. Roof – good condition.

1991 Inspection Note: Any remaining friable ACM or friable suspected ACM or ACE. Roof (200 SF)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 40 Homogeneous Area #: 22 Date: 725/14
Description: Downspout Tar Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Reportedly abated. Newer downspouts with no visible tar present on exterior of building.

2009 Inspection Note: No comment / outside scope of work.

2002 Inspection Note: ACM/ACE with potential for damage. Exterior of building. Good condition.

1991 Inspection Note: Any remaining friable ACM or friable suspected ACM or ACE. Downspout joints (6 each)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 40 Homogeneous Area #: 23 Date: 7/25/14
Description: Pipe insulation – magnesia type – steam piping Inspector: E. Hyde

Physical Assessment (check all that apply)

X Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
(5)	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Per VAMC personnel, ACM TSI has been removed as needed since early 1990s in accessible chases, basement, attic, and crawlspaces. Per previous reports, it appears that HA 23 has been abated in first floor of Building 40. TSI observed in basement, and in accessible chases on 1st and 2nd floors appears to be insulated with kraft-faced fiberglass, soft and hard foam, or newer calcium silicate insulation. However, please note the following: (1) Suspect insulation (presumed to be HA 23) present on one large fitting present in Pipe Chase 4E; however, no asbestos detected in confirmation sample (sample B40-1) collected from this fitting. (2) Two pipes suspected to be insulated with HA 23 present above older 1' x 1' concealed spline ceiling tiles in Room 110F – poor condition. Could not access these pipes for sampling. (3) Suspect insulation (HA23, 34, or 35) on possible steam or domestic water piping in basement stair landings. Piping is at ceiling height, and in good condition. (4) Also likely still present in inaccessible areas, such as wall and ceiling cavities (inside / above plaster).

2009 Inspection Note: ACM or ACE with potential for damage. Basement, first floor, second floors (in walls and above ceilings)-fair condition.

2002 Inspection Note: Damaged or significantly damaged TSI ACM or ACE. Within the walls of the basement and floors 1 and 2. Fair condition observed. This material should be abated when exposed during maintenance or renovation operations. First floor steam pipe and insulation were removed during 2002.

1991 Inspection Note: Damaged or significantly damaged TSI ACM or ACE. Rooms 6, 11, and corridor 20 in basement (60 LF) / Room 3 in basement (20 LF inaccessible) / 1st floor (1,300 LF inaccessible).

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage suspected HA 23 in place until such time as practical to remove. Remove or encapsulate as needed/encountered during renovation/repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 40 Homogeneous Area #: 24/25 Date: 7/25/14
Description: 12" x 12" Floor tile (white with brown) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed from Rooms 201A, 201A-1, and 201B. Carpet over concrete or terrazzo present in these rooms.

2009 Inspection Note: ACM/ACE with potential for damage. Room 201B - good condition. Rooms 201A and 201A-1 - have carpet over tile.

2002 Inspection Note: ACM/ACE with potential for damage. Rooms 201A, 201B and 201A-1. Good condition.

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 40 Homogeneous Area #: 26/27 Date: 7/25/14
Description: 12" x 12" Floor tile (beige with brown and white)/mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed from Room 102A. Centiva flooring now present.

2009 Inspection Note: ACM/ACE with potential for damage. Room 102A - has carpet over tile.

2002 Inspection Note: ACM/ACE with potential for damage. Room 102A. It should be noted that rom is labeled 102B. Good condition.

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 40 Homogeneous Area #: 28/29 Date: 72514
Description: 12" x 12" Floor tile (off-white with grey)/mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
X ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
(3)	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Room 110F-1 - poor condition. ~30 ft^2.

2009 Inspection Note: ACM/ACE with potential for damage. Room 110F-1 - poor condition.

2002 Inspection Note: ACM/ACE with potential for damage. Room 110F-1. Good condition.

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 40 Homogeneous Area #: 30 Date: 7/25/14
Description: Off-white/cream duct seam tape Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Off-white/cream duct seam tape at seams and joints of externally un-insulated metal exhaust ductwork in wall/pipe chases and in attic. No asbestos detected in samples B40-2 and B40-3.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 40 Homogeneous Area #: 31 Date: 7/25/14
Description: 12" x 12" Floor tile (off-white/beige) and black mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
__X__ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
(4)	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Non-asbestos containing 12" off-white/beige VCT over asbestos-containing black mastic present in areas of Room 14 (see sample B40-6 collected from Room 14 office). Fair condition, ~ 1,500 ft^2. Mixed with HA 32, which is a non-asbestos containing 12" off-white VCT and non-asbestos brown mastic.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

(*O&M*) (*Remove/Enclose/Encapsulate*) *Evacuate/Restrict*

Explain: Manage in place until practical to remove or encapsulate.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 40 Homogeneous Area #: 32 Date: 7/25/14
Description: 12" x 12" Floor tile (off-white) and brown mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
__X__ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
(4)	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Non-asbestos 12" off-white VCT over non asbestos brown mastic present in areas of Room 14 (see sample B40-5). Good to fair condition, ~ 1,500 ft^2. HA 32 is mixed with HA 31, which is a non-asbestos containing 12" VCT over asbestos-containing black mastic. Please note that the asbestos containing mastic of HA 31 is likely present under HA 32 in Room 14.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

(*O&M*) (*Remove/Enclose/Encapsulate*) *Evacuate/Restrict*

Explain: Manage in place until practical to remove or encapsulate along with HA31.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 40 Homogeneous Area #: 33 Date: 7/25/14
Description: Vinyl sheet flooring (light tan pebble pattern) Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Vinyl sheet flooring (light tan pebble pattern) in Room 14B (laundry room).

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 40 Homogeneous Area #: 34 Date: 8/6/14
Description: Straight run pipe insulation – cardboard type Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
__X__ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
(3)	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Asbestos containing, cardboard-like insulation on straight runs of two pipes present in basement stairwells. HA 34 has a canvas-like wrap and is coated with thick paint. The function/use of these pipes in unknown; however, ACM straight run insulation is more comparable to "cardboard-like" insulation as described in HA20. Good to fair condition, ~30-35 linear feet of piping. Asbestos (50% chrysotile) detected in insulation samples B40-9 and B40-11. No asbestos detected in the wrap of these samples. Fittings of this piping insulated with HA 35. HA 34 & 35 may also be present in inaccessible areas (i.e., wall cavities) in building.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

(*O&M*) (*Remove/Enclose/Encapsulate*) *Evacuate/Restrict*

Explain: Manage known or suspected HA 34 in place until such time as practical to remove. Remove or encapsulate as needed/encountered during renovation/repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 40 Homogeneous Area #: 35 Date: 8/6/14
Description: Pipe fitting insulation (soft, white) with canvas wrap Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
__X__ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
(3)	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Asbestos containing pipe insulation (soft, white) on fittings of piping observed in basement stairwells. HA 35 has a canvas-like wrap and is coated with thick paint. HA 35 in good to fair condition, ~14 fittings. Asbestos (12-15% chrysotile and 5% amosite) detected in samples B40-8 and B40-10. No asbestos detected in the pipe fitting wrap. HA35 is found on same pipes insulated with HA34. HA 34/35 may also be present in inaccessible areas (i.e., wall cavities) in building. Please note that another ACM pipe fitting insulation similar to HA35, but that has an additional layer of soft, gray ACM insulation present below the non-ACM wrap (same as Building 39's HA40), is likely present on exposed piping (if hot to the touch) in basement stairwells. This type of pipe fitting insulation is also found on piping with HA 34 on straight runs.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

(*O&M*) (*Remove/Enclose/Encapsulate*) *Evacuate/Restrict*

Explain: Manage known or suspected HA 35 in place until such time as practical to remove. Remove or encapsulate as needed/encountered during renovation/repair activities.

APPENDIX N-2
Homogeneous Area / Sample Summary Table

HOMOGENEOUS AREA / SAMPLE SUMMARY TABLE PROJECT: 2014-1108 – BUILDING 40					
HOMG. AREA (HA#)	**HOMOGENEOUS AREA (HA) DESCRIPTION & LOCATION**	**HA TYPE (AHERA) EPA/OSHA CATG. (IF ACM) CONDITION (IF ACM)**	**SAMPLE NO.**	**ASBESTOS CONTENT**	**SAMPLE LOCATION**
03**	**12" x 12" Vinyl composition floor tile and black mastic in Room 1. Verification sample only.**	**Miscellaneous ACM NESHAP Category 2 Non-Friable ACM OSHA Class II Work Intact**	**B40-4**	**3% Chrysotile in Tile 5% Chrysotile in Mastic**	**Room 1**
23**	Mastic and insulation (hard, gray) on a large fitting present in Room 4E. Suspected to be a steam pipe fitting as piping appeared to be coming from below ground outside into Room 4E. Please note that this sample result is NOT representative of HA23 in the building, but indicative of insulation on this fitting only. HA 23 is still presumed to be ACM.	TSI Material Not ACM (applicable to fitting in Room4E only)	B40-1	None detected in mastic or fitting insulation	Room 4E
30	Exhaust duct seam tape (off-white/cream) applied at seams of externally un-insulated ductwork in attic and throughout building.	Miscellaneous Material Not ACM	B40-2	None Detected	Attic
			B40-3	None Detected	Attic
31	**12" x 12" Vinyl composition floor tile (off-white/beige) and black mastic in Room 14. HA 31 present in Room 14 is also found along with HA 32.**	**Miscellaneous ACM NESHAP Category 2 Non-Friable ACM OSHA Class II Work Intact**	**B40-6**	**None Detected in Tile 5% Chrysotile in Mastic**	**Room 14 office**
32	12" x 12" Vinyl composition floor tile (off-white) and brown mastic present at various locations in Room 14, along with HA32.	Miscellaneous Material Not ACM	B40-5	None Detected	Room 14
33	Vinyl sheet flooring (light tan pebble pattern) and mastic present in Room 14B (laundry room).	Miscellaneous Material Not ACM	B40-7	None Detected	Room 14B

HOMOGENEOUS AREA / SAMPLE SUMMARY TABLE PROJECT: 2014-1108 – BUILDING 40					
HOMG. AREA (HA#)	**HOMOGENEOUS AREA (HA) DESCRIPTION & LOCATION**	**HA TYPE (AHERA) EPA/OSHA CATG. (IF ACM) CONDITION (IF ACM)**	**SAMPLE NO.**	**ASBESTOS CONTENT**	**SAMPLE LOCATION**
34	**Cardboard-like insulation on straight runs of two pipes present in basement stairwells. HA 34 has a canvas-like wrap and is coated with thick paint or mastic. The function/use of these pipes in unknown; however, ACM straight run insulation is more comparable to "cardboard-like" insulation as described in HA20. Fittings of this piping insulated with HA 35.**	**TSI ACM NESHAP Friable ACM OSHA Class I Work Intact**	**B40-9**	None Detected in mastic and wrap **50% Chrysotile in Insulation**	**Stairwell nearest to OIT offices**
			B40-11		**Stairwell nearest to OIT offices**
35	**Pipe insulation (soft, white) on fittings of piping observed in basement stairwells. HA 35 has a canvas-like wrap and is coated with thick paint. HA 35 in good to fair condition, HA35 is found on same pipes insulated with HA34.**	**TSI ACM NESHAP Friable ACM OSHA Class I Work Intact**	**B40-8**	None Detected in mastic and wrap **5% Amosite 12% to 15% Chrysotile Detected in Insulation**	**Stairwell nearest to OIT offices**
			B40-10		**Stairwell nearest to OIT offices**
END OF TABLE					

Notes: 1. ** = Homogeneous area # previously identified by others.

2. If not demarked with an **, this is a new homogeneous area identified by SELC during this re-inspection

APPENDIX N-3
Sample/ACM Location Plans

ACM LEGEND:

ACM = ASBESTOS CONTAINING MATERIAL
VCT = VINYL COMPOSITION TILE
NAD = NO ASBESTOS DETECTED / NO ACM

HA02 – THREE AREAS OF HA02 – 9" VCT (BLACK) AND MASTIC

HA03 – 12" VCT (OFF–WHITE/GRAY) AND MASTIC

HA31 – 12" NON–ACM VCT (OFF–WHITE/BEIGE) OVER ACM BLACK MASTIC. MIXED IN WITH NON–ACM HA32 IN ROOM 14.

ASBESTOS NOTES:

ACM = ASBESTOS CONTAINING MATERIAL

1. HA 20 (ACM DOMESTIC WATER PIPE INSULATION) AND HA 23 (ACM STEAM PIPE INSULATION) LIKELY PRESENT IN INACCESSIBLE AREAS, SUCH AS BUT NOT LIMITED TO, WALL AND CEILING CAVITIES.

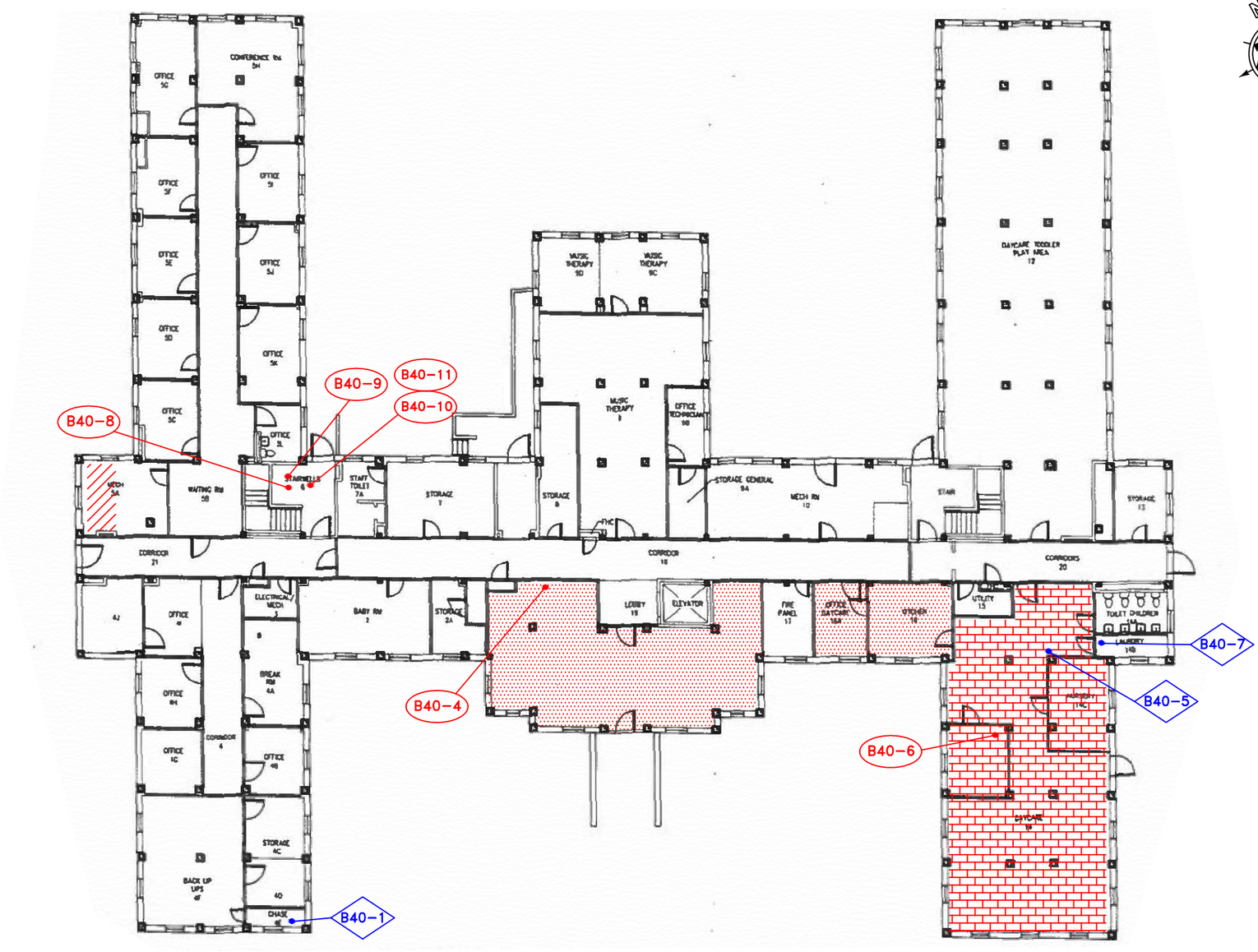
2. HA 34 (ACM STRAIGHT RUN INSULATION) ON TWO PIPES PRESENT IN BASEMENT STAIRWELLS. MAY ALSO BE PRESENT IN OTHER LOCATIONS IN BUILDING. SEE SAMPLE LOCATIONS B40–9 AND B40–11.

3. HA 35 (ACM PIPE FITTING INSULATION) ON TWO PIPES PRESENT IN BASEMENT STAIRWELLS. MAY ALSO BE PRESENT IN OTHER LOCATIONS IN BUILDING. SEE SAMPLE LOCATIONS B40–8 AND B40–10.

SAMPLE LOCATION LEGEND

B40–1 Sample Locations/ No Asbestos Detected in Sample

B40–1 Sample Locations/ Asbestos Detected in Sample



NOT TO SCALE

BUILDING 40 – BASEMENT

SHEET 1: BUILDING 40 – BASEMENT

Safety Environmental Laboratories and Consulting, Inc.
SELC
989 Yeager Parkway
Pelham, AL 35124
(205) 823–6200 fax (205) 823–9066

PROJECT

3–YEAR ASBESTOS RE–INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404
SELC PROJECT NO.: 2014–1108

BUILDING 40
BASEMENT
SHEET 1 OF 4

ACM LEGEND:

ACM = ASBESTOS CONTAINING MATERIAL
VCT = VINYL COMPOSITION TILE
NAD = NO ASBESTOS DETECTED / NO ACM

HA01 – 12" VCT (MULTI–BROWN) AND MASTIC

HA06 – 12" VCT (GREEN WITH DARK GREEN) AND MASTIC

HA10 – 12" VCT (MULTI–GREEN) AND MASTIC

HA28/29 – 12" VCT (OFF–WHITE WITH GRAY) AND MASTIC

ASBESTOS NOTES:

ACM = ASBESTOS CONTAINING MATERIAL

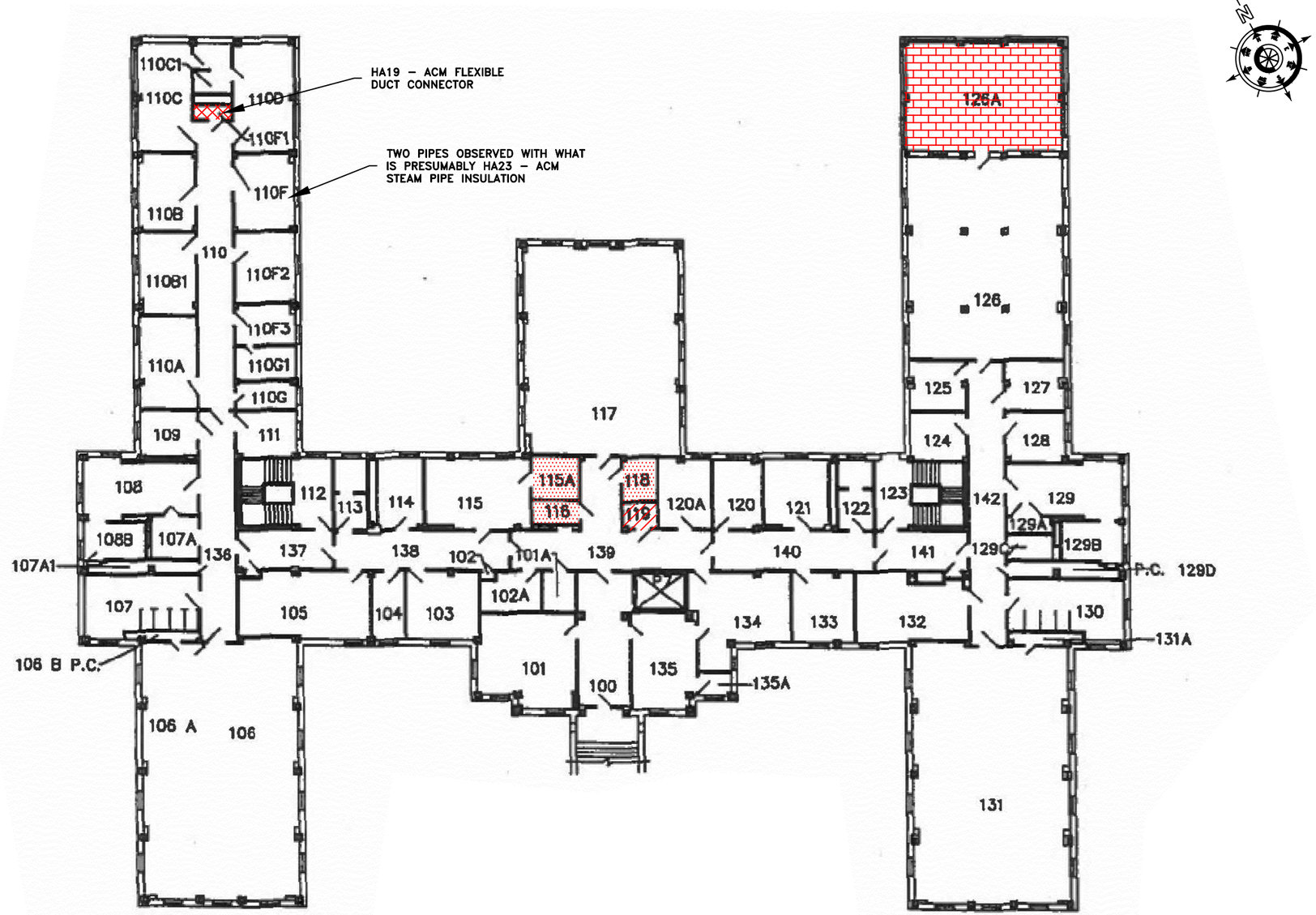
1. NO SAMPLES COLLECTED FROM FIRST FLOOR.

2. HA 19 (ACM FLEX DUCT CONNECTOR – 1) PRESENT IN CLOSET 110F1.

3. TWO PIPES PRESUMABLY INSULATED WITH HA23 OBSERVED/PRESENT ABOVE LAY–IN CEILING TILE AND OLD 1' X 1' CONCEALED SPLINE CEILING TILE IN OFFICE 110F.

4. HA 20 (ACM DOMESTIC WATER PIPE INSULATION) AND HA 23 (ACM STEAM PIPE INSULATION) LIKELY PRESENT IN INACCESSIBLE AREAS, SUCH AS BUT NOT LIMITED TO, WALL AND CEILING CAVITIES.

5. HA 34 (ACM STRAIGHT RUN INSULATION) AND HA 35 (ACM PIPE FITTING INSULATION) MAY BE PRESENT IN INACCESSIBLE AREAS, SUCH AS BUT NOT LIMITED TO, WALL AND CEILING CAVITIES.



NOT TO SCALE

BUILDING 40 – FIRST FLOOR

SHEET 2: BUILDING 40 – FIRST FLOOR	Safety Environmental Laboratories and Consulting, Inc. 989 Yeager Parkway Pelham, AL 35124 (205) 823–6200 fax (205) 823–9066	PROJECT 3–YEAR ASBESTOS RE–INSPECTION VAMC TUSCALOOSA 3701 LOOP ROAD TUSCALOOSA, ALABAMA 35404 SELC PROJECT NO.: 2014–1108	BUILDING 40 FIRST FLOOR SHEET 2 OF 4

ACM LEGEND:

ACM = ASBESTOS CONTAINING MATERIAL
VCT = VINYL COMPOSITION TILE
NAD = NO ASBESTOS DETECTED / NO ACM

- HA01 – 12" VCT (MULTI–BROWN) AND MASTIC – EXPOSED
- HA01 – 12" VCT (MULTI–BROWN) AND MASTIC – BELOW CARPET
- HA08 – 12" VCT (BROWN) AND MASTIC
- HA11 – 12" VCT (OFF–WHITE WITH BROWN) AND MASTIC – EXPOSED
- HA11 – 12" VCT (OFF–WHITE WITH BROWN) AND MASTIC – BELOW CARPET

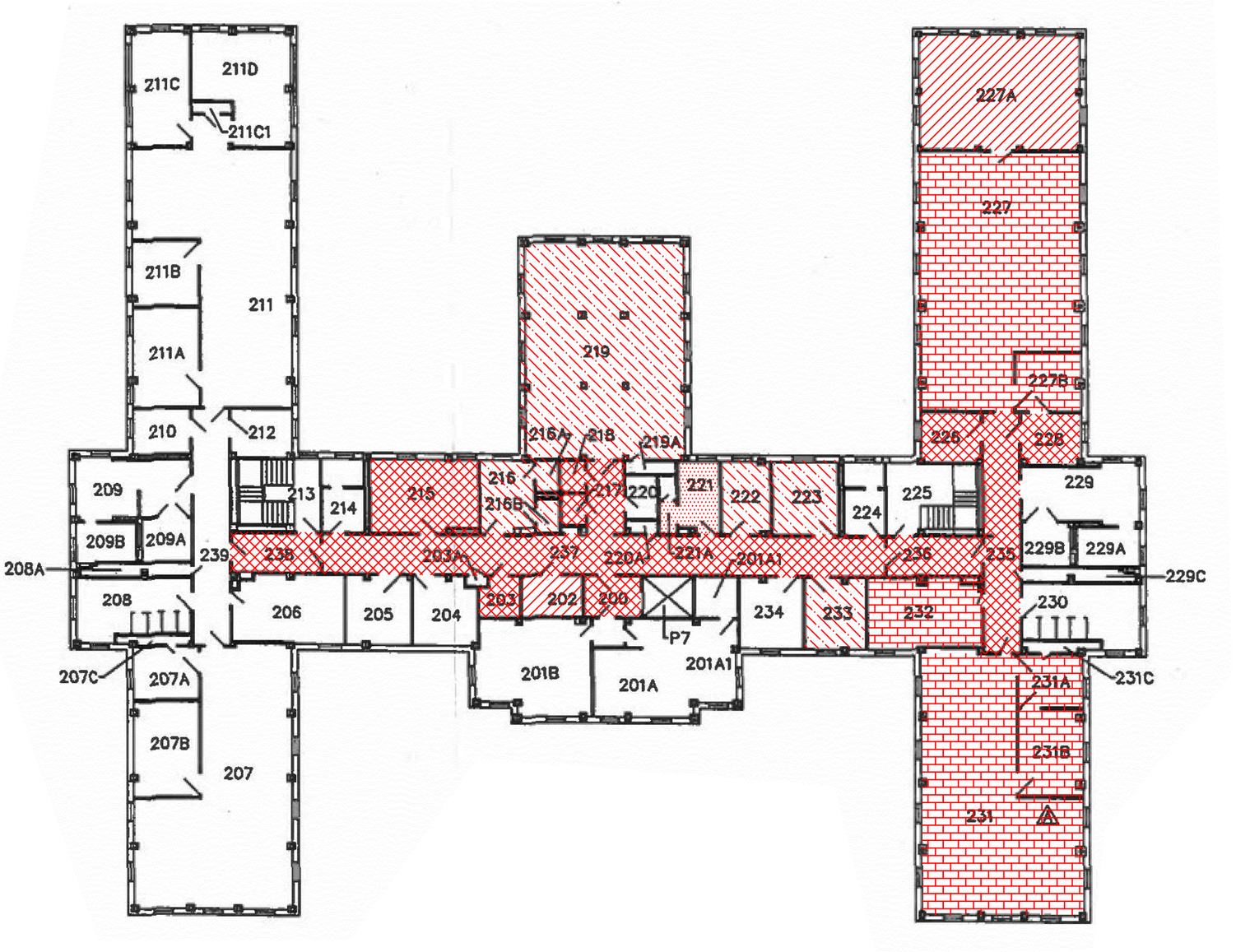
ASBESTOS NOTES:

ACM = ASBESTOS CONTAINING MATERIAL

1. NO SAMPLES COLLECTED FROM SECOND FLOOR.

2. HA 20 (ACM DOMESTIC WATER PIPE INSULATION) AND HA 23 (ACM STEAM PIPE INSULATION) LIKELY PRESENT IN INACCESSIBLE AREAS, SUCH AS BUT NOT LIMITED TO, WALL AND CEILING CAVITIES.

3. HA 34 (ACM STRAIGHT RUN INSULATION) AND HA 35 (ACM PIPE FITTING INSULATION) MAY BE PRESENT IN INACCESSIBLE AREAS, SUCH AS BUT NOT LIMITED TO, WALL AND CEILING CAVITIES.



NOT TO SCALE

BUILDING 40 – SECOND FLOOR

SHEET 3: BUILDING 40 – SECOND FLOOR	Safety Environmental Laboratories and Consulting, Inc. 989 Yeager Parkway Pelham, AL 35124 (205) 823–6200 fax (205) 823–9066	PROJECT 3–YEAR ASBESTOS RE–INSPECTION VAMC TUSCALOOSA 3701 LOOP ROAD TUSCALOOSA, ALABAMA 35404 SELC PROJECT NO.: 2014–1108	BUILDING 40 SECOND FLOOR SHEET 3 OF 4

ASBESTOS NOTES:

ACM = ASBESTOS CONTAINING MATERIAL

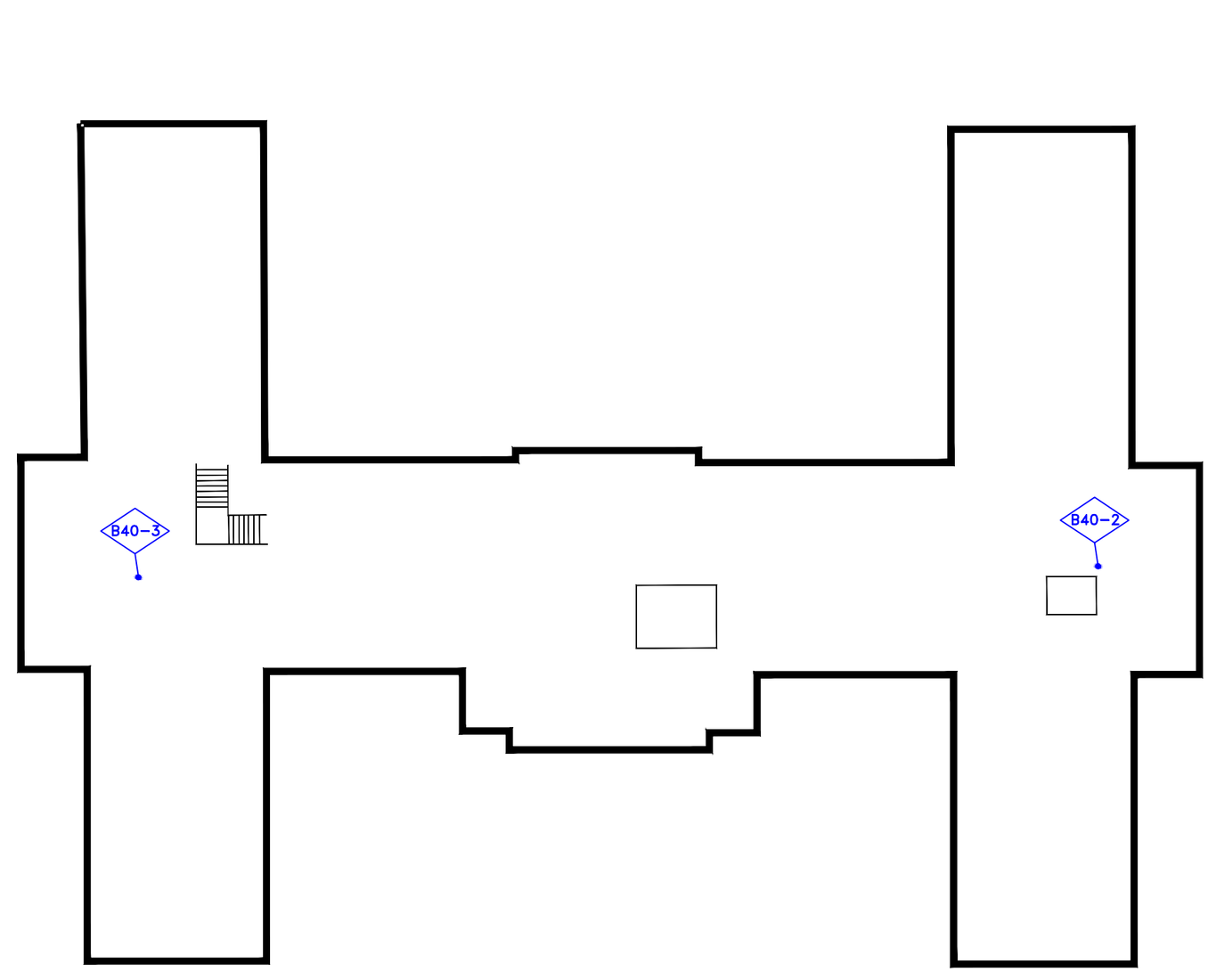
1. HA 20 (ACM DOMESTIC WATER PIPE INSULATION) AND HA 23 (ACM STEAM PIPE INSULATION) LIKELY PRESENT IN INACCESSIBLE AREAS, SUCH AS BUT NOT LIMITED TO, WALL CAVITIES.

2. HA 34 (ACM STRAIGHT RUN INSULATION) AND HA 35 (ACM PIPE FITTING INSULATION) MAY BE PRESENT IN INACCESSIBLE AREAS, SUCH AS BUT NOT LIMITED TO, WALL CAVITIES.

SAMPLE LOCATION LEGEND

B40-1 Sample Locations/ No Asbestos Detected in Sample

B40-1 Sample Locations/ Asbestos Detected in Sample



NOT TO SCALE

BUILDING 40 – ATTIC

SHEET 4: BUILDING 40 – ATTIC

Safety Environmental Laboratories and Consulting, Inc.
989 Yeager Parkway
Pelham, AL 35124
SELC
(205) 823-6200 fax (205) 823-9066

PROJECT

3-YEAR ASBESTOS RE-INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1108

BUILDING 40
ATTIC
SHEET 4 OF 4

APPENDIX N-4
PLM Laboratory Reports

Safety Environmental Laboratories and Consulting, Inc.

Asbestos Bulk Sample Analysis Report

989 Yeager Pkwy.
Pelham, AL 35124

Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

Customer: **Safety Environmental Laboratories and Consulting, Inc.**
989 Yeager Parkway
Pelham, AL 35124

Telephone: **205-823-6200** Fax: **205-823-9066**

Sample Receipt Date: 08/07/2014
Sample Analysis Date: 08/08/2014
Sample Report Date: 08/08/2014

Project Name: **VAMC Tuscaloosa**
Project Location: **Building 40**

SELC Project #: **2014-1108**

Asbestos Identification in Bulk Materials by Polarized Light Microscopy

EPA/600/R-93/116 July 1993 – Method for the Determination of Asbestos in Bulk Building Materials

Note: See Attached Notes and Descriptions Sheet for Applicable Abbreviations and Notes

Customer Sample No.	Lab Sample No.	Sub-sample No.	Layer No.	Sample Location / Description	Homo-geneous (yes/no)	Asbestos % and Type	% Non-Asbestos Fibers	% Non-Fibrous Material
B40-1	33	N/A		Pipe Mastic / Mud On Steam Pipe – Room 4E				
			1	Mastic – White, Rubbery	Y	None Detected	5% Wollastonite	95%
			2	Insulation – Light Gray, Granular/Fibrous	Y	None Detected	30% Mineral Wool	70%
B40-2	34	N/A	1	Duct Seam Tape – Attic Duct Tape – Tan, Resinously Bound/Fibrous	N	None Detected	35% Cellulose Fibers	65%
B40-3	35	N/A	1	Duct Seam Tape – Attic Duct Tape – Tan, Resinously Bound/Fibrous	N	None Detected	35% Cellulose Fibers	65%
B40-4	36	N/A		Floor Tile and Mastic – Room 1				
			1	Floor Tile – Off White, Organically Bound	Y	3% Chrysotile	None Detected	97%
			2	Mastic – Black, Bituminous	Y	5% Chrysotile	None Detected	95%
B40-5	37	N/A		Floor Tile and Mastic – Room 14				
			1	Floor Tile – White, Organically Bound	Y	None Detected	None Detected	100%
			2	Mastic – Yellow, Soft	Y	None Detected	None Detected	100%
B40-6	38	N/A		Floor Tile and Mastic – Room 14				
			1	Floor Tile – Off White, Organically Bound	Y	None Detected	2% Synthetic Fibers	98%
			2	Mastic – Black, Bituminous	Y	5% Chrysotile	None Detected	95%

Analyst
Carol Findlay – Microscopy Manager

Technical Review
Brian Ray – Asbestos Analyst

Quality Review
Carol Findlay – Microscopy Manager

Safety Environmental Laboratories and Consulting, Inc.

Asbestos Bulk Sample Analysis Report

989 Yeager Pkwy.
Pelham, AL 35124

Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

Customer: **Safety Environmental Laboratories and Consulting, Inc.**
989 Yeager Parkway
Pelham, AL 35124

Telephone: **205-823-6200** Fax: **205-823-9066**

Sample Receipt Date: 08/07/2014
Sample Analysis Date: 08/08/2014
Sample Report Date: 08/08/2014

Project Name: **VAMC Tuscaloosa**
Project Location: **Building 40**

SELC Project #: **2014-1108**

Asbestos Identification in Bulk Materials by Polarized Light Microscopy

EPA/600/R-93/116 July 1993 – Method for the Determination of Asbestos in Bulk Building Materials

Note: See Attached Notes and Descriptions Sheet for Applicable Abbreviations and Notes

Customer Sample No.	Lab Sample No.	Sub-sample No.	Layer No.	Sample Location / Description	Homo-geneous (yes/no)	Asbestos % and Type	% Non-Asbestos Fibers	% Non-Fibrous Material
B40-7	39	N/A		Vinyl Sheet Flooring – Room 14 Laundry				
			1	Sheet Flooring – Tan, Resinously Bound/Fibrous	N	None Detected	35% Cellulose Fibers 5% Fiberglass	60%
			2	Mastic - Yellow, Soft	Y	None Detected	None Detected	100%
B40-8	40	N/A		Mastic/Wrap/Insulation on Pipe Elbow in OIT Basement Stairwell				
			1	Insulation – White, Fibrous	Y	12% Chrysotile 5% Amosite	None Detected	83%
			2	Wrap/Paint – Tan/Off White, Fibrous/Brittle **Unable to separate individual layers** **No mastic on sample**	N	None Detected	90% Cellulose Fibers	10%
B40-9	41	N/A		Mastic/Wrap/Insulation on Pipe in OIT Basement Stairwell				
			1	Insulation – White, Fibrous	Y	50% Chrysotile	35% Cellulose Fibers	15%
			2	Insulation – Brown/Black, Fibrous/Bituminous	N	None Detected	70% Cellulose Fibers	30%
			3	Wrap/Paint – Tan/White, Fibrous/Brittle **Unable to separate individual layers** **No mastic on sample**	N	None Detected	80% Cellulose Fibers	20%

Carol Findlay
Analyst
Carol Findlay – Microscopy Manager

Brian Ray
Technical Review
Brian Ray – Asbestos Analyst

Carol Findlay
Quality Review
Carol Findlay – Microscopy Manager

Safety Environmental Laboratories and Consulting, Inc.

Asbestos Bulk Sample Analysis Report

989 Yeager Pkwy.
Pelham, AL 35124

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NVLAP LAB CODE: 200873-0

Customer: **Safety Environmental Laboratories and Consulting, Inc.**
989 Yeager Parkway
Pelham, AL 35124

Telephone: **205-823-6200** Fax: **205-823-9066**

Sample Receipt Date: 08/07/2014
Sample Analysis Date: 08/08/2014
Sample Report Date: 08/08/2014

Project Name: **VAMC Tuscaloosa**
Project Location: **Building 40**

SELC Project #: **2014-1108**

Asbestos Identification in Bulk Materials by Polarized Light Microscopy

EPA/600/R-93/116 July 1993 – Method for the Determination of Asbestos in Bulk Building Materials

Note: See Attached Notes and Descriptions Sheet for Applicable Abbreviations and Notes

Customer Sample No.	Lab Sample No.	Sub-sample No.	Layer No.	Sample Location / Description	Homo-geneous (yes/no)	Asbestos % and Type	% Non-Asbestos Fibers	% Non-Fibrous Material
B40-10	42	N/A		Mastic/Wrap/Insulation on Pipe Elbow in OIT Basement Stairwell				
			1	Insulation – White, Fibrous	Y	15% Chrysotile 5% Amosite	None Detected	80%
			2	Wrap/Paint – Tan/White, Fibrous/Brittle **Unable to separate individual layers** **No mastic on sample**	N	None Detected	80% Cellulose Fibers	20%
B40-11	43	N/A		Mastic/Wrap/Insulation on Pipe Elbow in OIT Basement Stairwell				
			1	Insulation – White, Fibrous	Y	50% Chrysotile	35% Cellulose Fibers	15%
			2	Insulation – Brown/Black, Fibrous/Bituminous	N	None Detected	70% Cellulose Fibers	30%
			3	Wrap/Paint – Tan/White, Fibrous/Brittle **Unable to separate individual layers** **No mastic on sample**	N	None Detected	80% Cellulose Fibers	20%

☒ This report is **FINAL** ☐ This report is **PRELIMINARY** – pending final QC

Analyst
Carol Findlay – Microscopy Manager

Technical Review
Brian Ray – Asbestos Analyst

Quality Review
Carol Findlay – Microscopy Manager

989 Yeager Pkwy.
Pelham, AL 35124

Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

PLM Notes and Descriptions

1. Upper detection limit: 100%. Lower detection limit: <1%.
2. Bulk Samples will be stored for 3 months and will then be disposed of in an approved EPA landfill.
3. Analysis of floor tile or any other resinously bound materials by polarized light microscopy (PLM) using EPA Method 600/R-93/116 dated July 1993 may yield false-negative results because of method limitations in separating closely bound fibers from matrix material and in detecting fibers of small length and/or diameter. When analysis of such materials by the EPA PLM Method yields negative results for the presence of asbestos we recommend utilizing alternative methods of identification such as Gravimetry, XRD or AEM.
4. Samples are not homogenized by SELC prior to analysis. Distinct material layers within a sample are analyzed and reported separately by SELC. When multiple products are submitted by the customer under one sample number, SELC indicates those distinct products as sub-samples. SELC retains all samples numbers but will designate a sample number to those that are not given a sample number by the customer.
5. Percentages given are based on a visual estimated calibration.
6. Safety Environmental Laboratories and Consulting, Inc. is a NVLAP accredited laboratory, Lab Code: 200873-0 (ISO/IEC Standard 17025:2005 Compliant).
7. Results relate only to the samples tested. All tests were performed under the scope of SELC's NVLAP accreditation, unless indicated otherwise.
8. All samples were received in a condition suitable for analysis ("Good"), unless otherwise noted.
9. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.
10. Analytical Instrument: Olympus Polarized Light Microscope Series BH-2 Model BHT-002

Analyst	**Technical Review**	**Quality Review**
Carol Findlay – Microscopy Manager	Brian Ray – Asbestos Analyst	Carol Findlay – Microscopy Manager

Safety Environmental Laboratories and Consulting, Inc.

989 Yeager Pkwy. Phone: (205) 823-6200
Pelham, AL 35124 Fax: (205) 823-9066

Environmental, Health, and Safety Solutions

SELC

Chain of Custody Form

Customer: Safety Environmental Labs and Consulting, Inc.
Address: 989 Yeager Parkway
Pelham, AL 35126
Phone: 205-823-6200 Fax: 205-823-9066
E-mail:

Project Number: 2014-1108
Project Name: VAMC Tuscaloosa
Project Location: Building 40
PO Number:
SELC Proj. #:

Sample Type
- ☐ Air
- ☒ Bulk
- ☐ Paint
- ☐ Soil
- ☐ Waste
- ☐ Other:

Asbestos Analysis
- ☐ Asbestos Air - PCM
- ☐ Asbestos Air - TEM
- ☒ PLM (EPA 600/R-93/116)
- ☐ PLM (EPA Point Count)
- ☐ Other:

Metals Analysis
- ☐ Total Conc. - Lead
- ☐ Total Conc. - RCRA 8-Metals
- ☐ TCLP - Lead
- ☐ TCLP - RCRA 8-Metals
- ☐ TCLP - Full (w/ organics)
- ☐ Other:

Turn-Around Time*
- ☐ Rush/Same Day†
- ☐ 24 Hours
- ☒ 48 Hours EH
- ☒ 3 Business Days
- ☐ 4 Business Days
- ☐ Other:

- Field blanks should be submitted with all samples -

** Some TAT not available for all tests. Must schedule rush organics, multi-metals, and weekend tests in advance.*
† Same day not available after 2:00 PM

Sample #	Date Sampled	Sample Description (e.g. Employee Name, SSN, Bldg, Material)	Area Wiped (ft²)	Type ‡ A/B/P/E	Time of Sampling Start	Time of Sampling Stop	Flow Rate (L/min) Start	Flow Rate (L/min) Stop	Total Vol. (L)	SELC USE ONLY #	SELC USE ONLY Cond
B40-1	7/25/14	Pipe mastic / mud on steam pipe - Room 4 E								33	G
B40-2		Duct seam tape - Attic								34	
B40-3		Duct seam tape - Attic								35	
B40-4		Floor Tile + Mastic - Room 1								36	
B40-5		Floor Tile + Mastic - Room 14								37	
B40-6		Floor Tile + Mastic - Room 14								38	
B40-7	↓	Vinyl Sheet Flooring - Room 14 Laundry								39	
B40-8	8/6/14	Mastic / Wrap / Insulation on pipe elbow in OIT Basement Stairwell								40	
B40-9		Mastic / Wrap / Insulation on pipe elbow in OIT Basement Stairwell								41	
B40-10		Mastic / Wrap / Ins. on pipe elbow in OIT Basement Stairwell								42	
B40-11	↓	Mastic / Wrap / Ins. on pipe in OIT Basement Stairwell								43	↓

‡ A - Area, B - Blank, P - Personal, E - Excursion

Sampled By:
Signature
Elizabeth Hyde

Relinquished by:

Signature	Date	Time
Elizabeth Hyde	8/7/14 EH	8:55am

Received By:

Signature	Date	Time
Betty Lindsey	8/7/14	9:00 am

APPENDIX N-5
Photographic Documentation

Photographic Documentation – 3 Year Asbestos Re-inspection – Building 40



PHOTOGRAPH 1
HA 01 – ACM 12” Multi-brown VCT and mastic. Photograph taken in Room 202.



PHOTOGRAPH 3
HA 03 – ACM 12” Off-white with blue marks VCT and mastic. Photograph taken in Room 1. Sample B40-4 collected in Room 1.



PHOTOGRAPH 2
HA 02 (ACM black 9” VCT) – three area/strips exposed in Room 5A amongst presumably newer 12” VCT.



PHOTOGRAPH 4
Two types of 12” VCT present in Room 14. Darker VCT is HA 31 (ACM VCT and black mastic). Light VCT is HA 32 (non-ACM VCT and mastic). Samples B40-5 and B40-6 collected in Room 14.

Photographic Documentation – 3 Year Asbestos Re-inspection – Building 40



PHOTOGRAPH 5
HA 06 – ACM 12” VCT (green markings) and mastic. Photograph taken in Room 118.



PHOTOGRAPH 7
HA 08 – ACM 9” brown VCT and mastic. Photograph taken in Room 227.



PHOTOGRAPH 6
HA 28/29 – ACM 12” VCT and mastic - present in Room 110F1.



PHOTOGRAPH 8
HA 11 – ACM 12” VCT (off-white with brown streaks) and mastic. Pictured below carpet in Room 219.

Photographic Documentation – 3 Year Asbestos Re-inspection – Building 40



PHOTOGRAPH 9
HA 11 – ACM 12" VCT (off-white with brown streaks) and mastic. Present in main corridor of second floor.



PHOTOGRAPH 11
Downspout (newer).



PHOTOGRAPH 10
HA 19 – ACM Flexible duct connector present in Closet 110F-1.



PHOTOGRAPH 12
Suspected HA 23 on two pipes above older concealed spline ceiling tile in Room 110F.

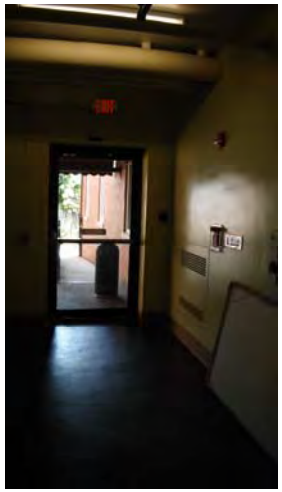
Photographic Documentation – 3 Year Asbestos Re-inspection – Building 40



PHOTOGRAPH 13
Steam pipe/fitting in Room 4E insulated with mastic over gray/ white hard insulation. No asbestos detected in Sample B40-1 collected from this fitting.



PHOTOGRAPH 15
HA 30 – Non-ACM Duct seam tape.
Photograph taken in Pipe Chase 219A.



PHOTOGRAPH 14
HA 34/35 – ACM pipe insulations present on piping in basement stairwells. Photograph taken in stairwell used by OIT offices (stair 6 on drawings). Samples B40-8 through B40-11 collected from piping in this stairwell.



PHOTOGRAPH 16
HA 30 – Non-ACM Duct seam tape in attic.
Samples B40-2 and B40-3 of HA30 collected from attic.

APPENDIX N-6
Estimated Asbestos Abatement Costs

BUILDING 40 ESTIMATED ASBESTOS ABATEMENT COSTS				
HA NUMBER(S)	**TYPE OF ACM**	**FRIABLE/ NON-FRIABLE**	**APPROXIMATE QUANTITY**	**ESTIMATED ABATEMENT COST**
01, 02, 03, 06, 08, 10, 11, 28/29	Vinyl composition floor tile and mastic	Non-Friable	8,623 square feet	$43,115
31	ACM Black mastic below non-ACM vinyl composition floor tile	Non-Friable	1,500 square feet	$4,500
19	Flexible Duct Connector	Friable	One observed in Room 110F-1	$200
HA 20 (see Note 5)	Domestic water system pipe insulation (“cardboard”-like)	Friable	NP	NP
HA 23 (see Note 5)	Steam system pipe insulation (“magnesia”-type)	Friable	2 pipes observed above ceiling tiles in Room 110F, ~10 linear feet	$500
HA 34 (see Note 5)	Cardboard-like straight run pipe insulation	Friable	~ 35 linear feet exposed in basement stairwells	$1,750
HA 35 (see Note 5)	Pipe fitting insulation	Friable	~ 20 fittings exposed in basement stairwells	$1,000

Notes:

1. HA = Homogeneous area
2. ACM = Asbestos containing material
3. NP = Not provided
4. Costs provided are general estimates for information purposes only. A complete and specific cost estimate should be obtained from Alabama accredited asbestos abatement contractors prior to any abatement project.
5. Quantity and cost estimates are provided only for observable ACM/homogeneous area. Cost estimates are not provided for inaccessible portions/quantities of a homogeneous group.

APPENDIX N-7
Additional VAMC Supplied Notes/Information

Attic flexible conducts with ACH

MV
03/25/14

Per Ken Mills

~~Bldg 2~~ - Rm 238 (NO ACH)

~~Bldg 3~~ - Attic (take stairs across from rm 213) (NO ACH)

~~Bldg 4~~ - Attic + ductwork replaced 1994 NO ACH

Bldg 5 3 of 4

Mech rm 5 + rm 205 A + rm 102 (A)
X2

Bldg 1 Above ceiling/corridor

Near ~~222~~ Rm 120F (ACH?)

conf rm 235 above ceiling (ACH?)

B-46 Chapel - duct flex

11 canvas connectors

B-40 1st fl + 2nd floor ? canvas vs ACH

potential "hot spots" for ACM

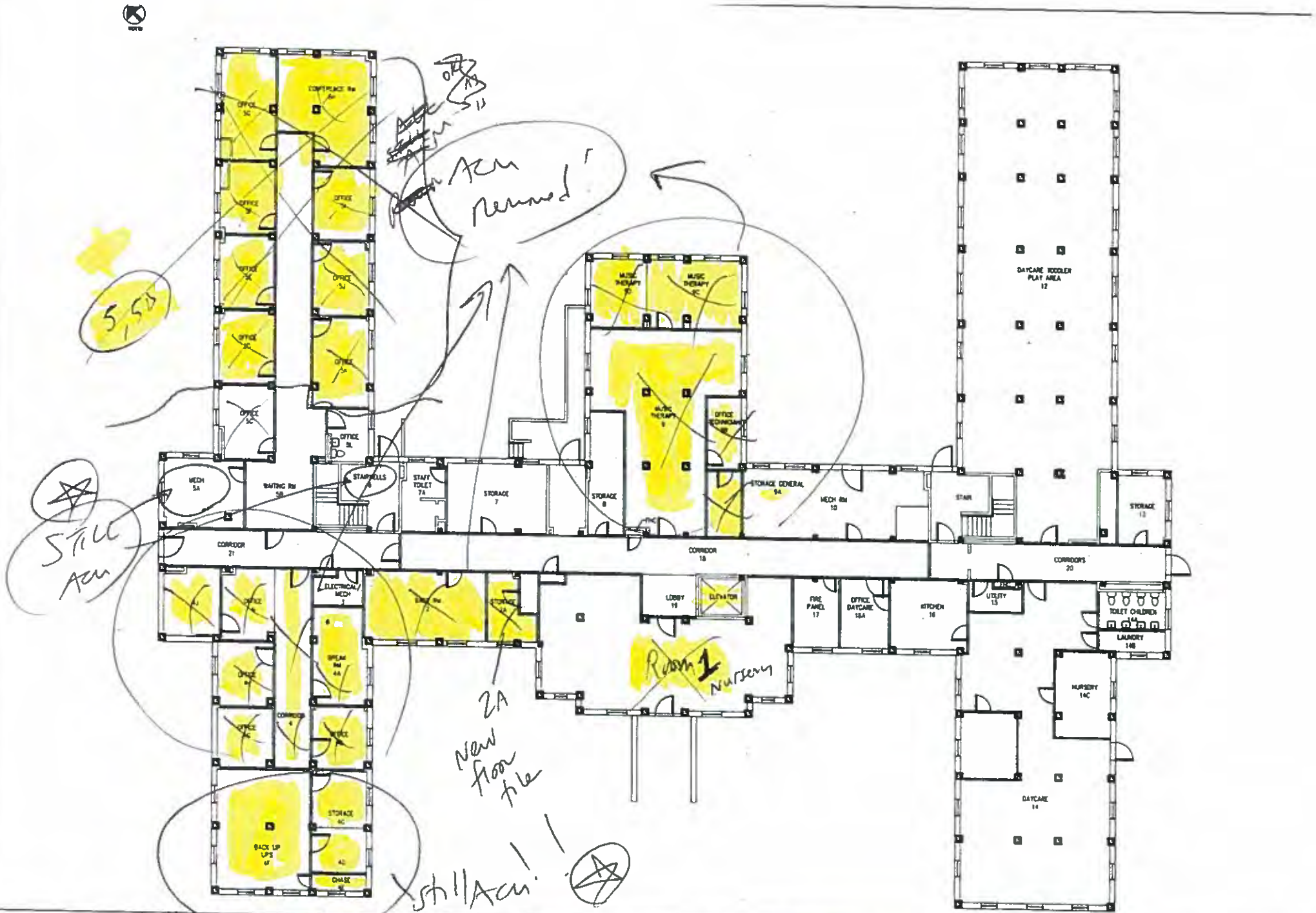
(1) Bldg 2 electrical room 1/26/12 (Rm 20?)
(Near elevators) w/ FACP (Near credit union entrance)
(9" VAT)

(2) Bldg 40 - Day Care (Rm 7 Storage) ?
Ask Donna Blackmon
~~walls + pipe flaking off~~ (ACM? a test pt.?)
(tip via Ems staff)

(3) Bldg 40 above drop ceiling in Rm 101 (plaster w/ wire mesh)
room on left at entrance lobby
via New Lanny in electric shop

(4) Bldg 3 - Rooms 12A - 13C - 13D - 13A - 14
(12)
(boat bathroom) mens lockers womens stairs
→ See floorplan/map Jenny Hixson

(5) B-17 Plumbing Shop floor tile?


Acm removed!
5, 5B
STILL Acm
2A
new floor tile
Still Acm!!
Room 1
Nursery
OFFICE 3C
FIREPLACE 3a
OFFICE 3B
OFFICE 3A
OFFICE 3K
OFFICE 3J
OFFICE 3E
OFFICE 3F
OFFICE 3G
OFFICE 3L
MECH 5A
WAITING RM 5B
STAIRWELLS 6
STAFF TOILET 7A
STORAGE 7
STORAGE 8
MUSIC THERAPY 9C
MUSIC THERAPY 9D
MUSIC THERAPY 9
OFFICE RECREATION 9B
STORAGE GENERAL 9A
MECH RM 10
STAIR
DAYCARE TODDLER PLAY AREA 12
STORAGE 13
CORRIDOR 21
CORRIDOR 18
CORRIDORS 20
ELECTRICAL MECH 2
LOBBY 19
ELEVATOR
FIRE PANEL 17
OFFICE DAYCARE 18A
KITCHEN 16
UTILITY 15
TOILET CHILDREN 14A
LAUNDRY 14B
NURSERY 14C
DAYCARE 14
BACK UP UPS 4F
STORAGE 4C
CHASE 4E
Indus Systems, Inc.
2352, Main Street, Concord MA 01742
Tel: 978-461-0555
www.indus-systems.com
Drawing Title
BASEMENT FLOOR PLAN
ARCHITECTURAL
Project Title
AS-BUILT Drawings
Date
03-19-2010
Project No.
Drawing No
Approved
Approved
Building Number
40
Checked
Drawn
Location
VAMC TUSCALOOSA
Revisions
Date
Professional Seal
VAMC TUSCALOOSA
Department of Veterans Affairs
VA

08/16/11

B-40

GENERAL NOTES

1. CONTRACTOR SHALL REMOVE DEMO'D DEBRIS AND PROVIDE DAILY CLEANUP TO ENSURE STAFF RETURNS TO A CLEAN WORK ENVIRONMENT THE NEXT BUSINESS DAY.
2. ALL DISTURBED AREAS ADJACENT TO CONSTRUCTION WORK SHALL BE PUT BACK TO ORIGINAL CONDITION BEFORE CONSTRUCTION ENDS.
3. ALL WORK SHALL TAKE PLACE DURING WEEKEND, HOLIDAY, EVENING, NIGHT (WHEN) HOURS, 4PM TO 2AM FRIDAY THRU SUNDAY. ALL WORK DURING NORMAL OPERATING HOURS OF 7:00AM-4:30PM MONDAY THRU FRIDAY MUST BE COORDINATED AND APPROVED BY ENGINEERING AND CONTRACTING.
4. CONTRACTOR TO ABIDE BY ALL VA SAFETY RULES AND REGULATIONS AND TO ENSURE ALL WORK IS IN COMPLIANCE WITH APPLICABLE NFPA REGULATIONS AND OSHA CODES.
5. CONTRACTOR TO PROVIDE WRITTEN NOTIFICATION FIVE (5) BUSINESS DAYS IN ADVANCE OF BEGINNING ANY WORK.
6. CONTRACTOR TO PROVIDE DOCUMENTATION OF AT LEAST 10 HOURS OF OSHA TRAINING FOR ALL EMPLOYEES. SUPERVISORS/SUPERINTENDENTS TO PROVIDE DOCUMENTATION OF AT LEAST 30 HOURS OF OSHA TRAINING.
7. CONTRACTOR SHALL FURNISH ALL SUPERVISION, LABOR, AND MATERIALS TO DEMO EXISTING CARPET AND VCT (ACM FLOORING AND MASTIC), ABATE ACM FLOORING AND MASTIC, DEMO EXISTING RUBBER BASE, DEMOLISH EXISTING TRANSITION STRIPS AND INSTALL NEW FLOORING, INSTALL NEW RUBBER BASE, AND INSTALL NEW TRANSITION STRIPS THROUGHOUT THE BASEMENT AND FIRST FLOOR OF BUILDING 40 AS INDICATED ON THE DRAWINGS. FLOORS SHOULD BE SKIM COATED WHERE VINYL FLOORING IS TO BE INSTALLED. ALL WORK SHALL COMPLY WITH DRAWINGS AND SPECS.
8. PRE-CONSTRUCTION AND NOTICE TO PROCEED MEETING REQUESTED BEFORE ON-SITE WORK BEGINS.
9. CONTRACTOR SHALL SUBMIT ALL SUBMITTALS AND ALL SUBMITTALS SHALL BE APPROVED PRIOR TO THE START OF ANY CONSTRUCTION.
10. THE DEMOLITION PLAN AND DEMOLITION NOTES ARE INTENDED TO GUIDE THE CONTRACTOR, BUT ARE NOT ALL INCLUSIVE. THE CONTRACTOR SHALL PERFORM ALL REQUIRED DEMOLITION WORK REQUIRED TO ACCOMMODATE CONSTRUCTION WORK INDICATED THROUGHOUT THESE DOCUMENTS.
11. COORDINATE WITH THE DESIGNATED CONTRACTING OFFICERS TECHNICAL REPRESENTATIVE (COTR) FOR EQUIPMENT TO BE SALVAGED AND TURNED OVER TO THE GOVERNMENT.
12. CONTRACTOR SHALL COMPLY WITH NFPA 241, SAFEGUARDING CONSTRUCTION, ALTERATION AND DEMOLITION OPERATIONS.
13. CONTRACTOR TO FIELD VERIFY DIMENSIONS OF EACH AREA THAT IS TO RECEIVE NEW FLOORING AND RUBBER BASE.
14. CONTRACTOR SHALL MOVE ALL FURNITURE OUT OF AREAS BEFORE NEW FLOORING IS INSTALLED AND CONTRACTOR SHALL MOVE FURNITURE BACK IN PLACE AFTER FLOORING HAS BEEN INSTALLED.
15. THIS PROJECT WILL REQUIRE PHASING AND ALL PHASING SHALL BE COORDINATED WITH PROJECT ENGINEER.



BASEMENT FLOOR PLAN – BUILDING NO. 40
FINISHES PLAN
SCALE 1/8" = 1'

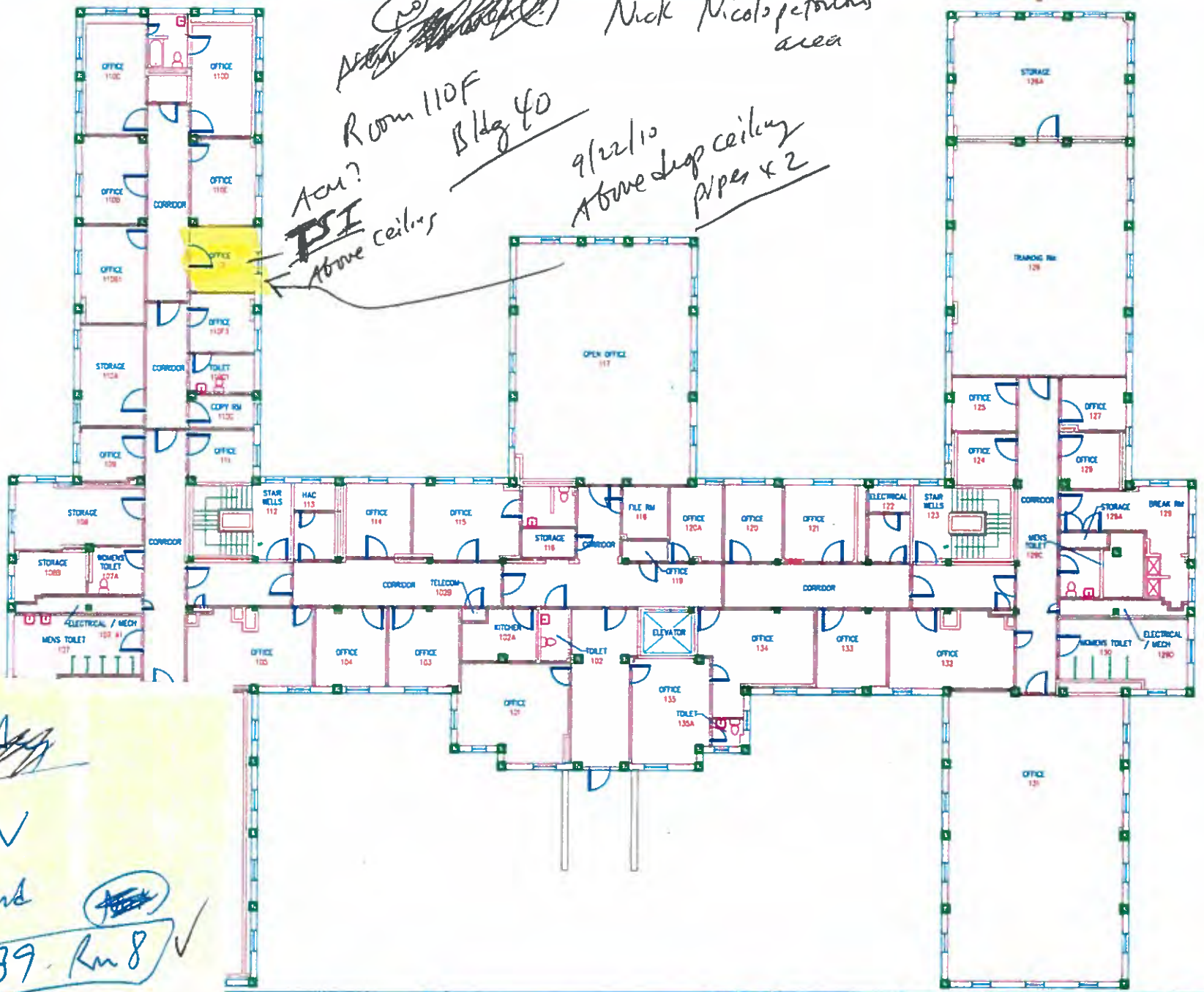
ACM mastic floorfile

FINISH LEGEND

Rooms

4J
4H
4E
4G
4A
4
5B
5C
5D
5G
5F
5H
5I
5J
5K

Veterans Administration



Floors

MV

Fund

B-39 Rm 8 ✓

+

B-40 Rm 110F

New (IT)

Indus Systems, Inc.
2352, Main Street, Concord MA 01742
Tel: 978-461-0555
www.indus-systems.com

Professional Seal

Drawing Title: FIRST FLOOR PLAN ARCHITECTURAL

Project Title: AS-BUILT Drawings

Date: 03-19-2010

Approved:

Approved:

Building Number: 40

Checked

Drawn

Location: VAMC TUSCALOOSA

Project No.

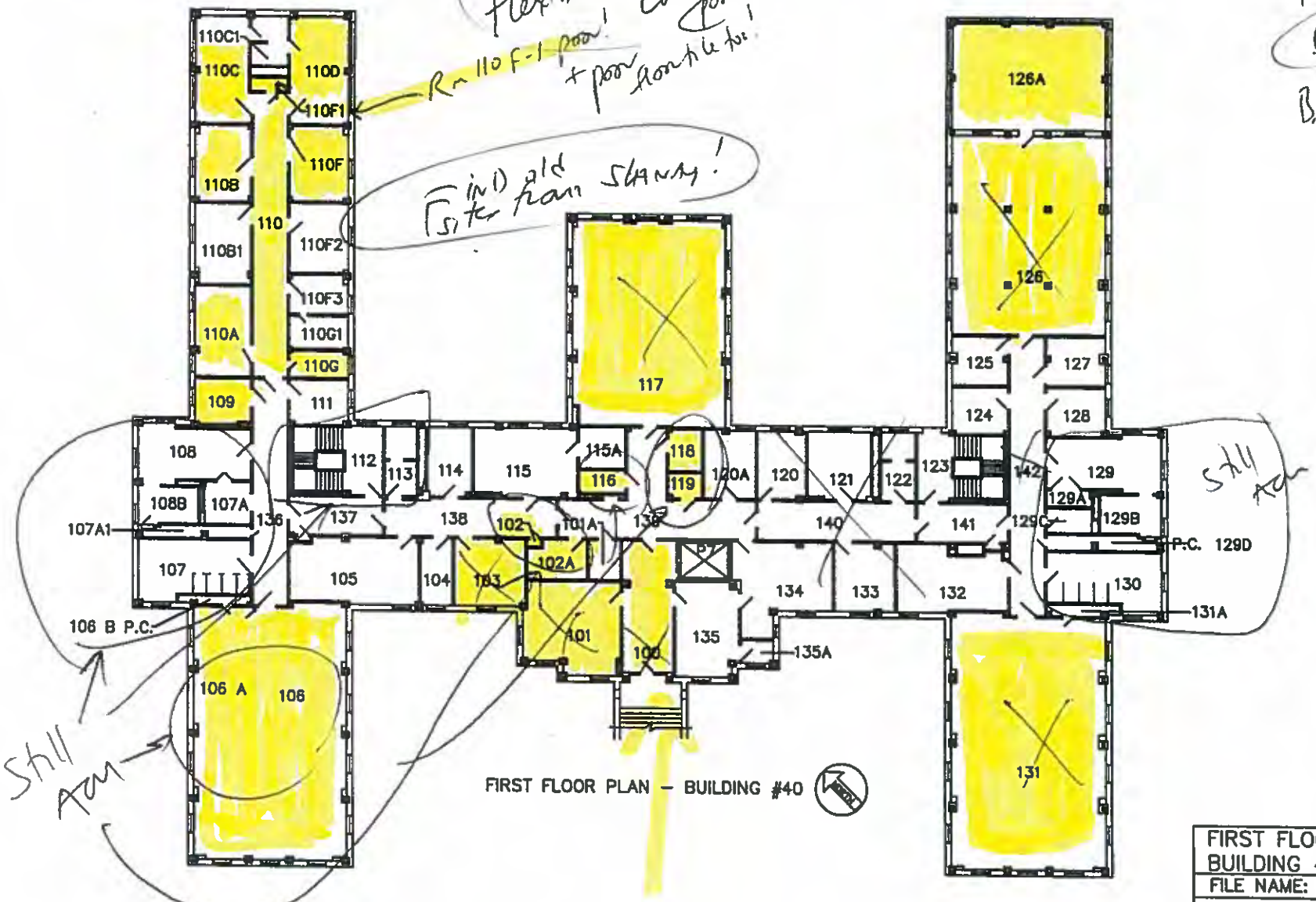
Drawing No.

MV check this!!

ACM
Pipe insulation
TSI
Bldg 40
Basement
1st floor
2nd floor
in walls + above ceilings

flexible duct
R-110 F-1 poor! connector poor
+ poor flexible duct!

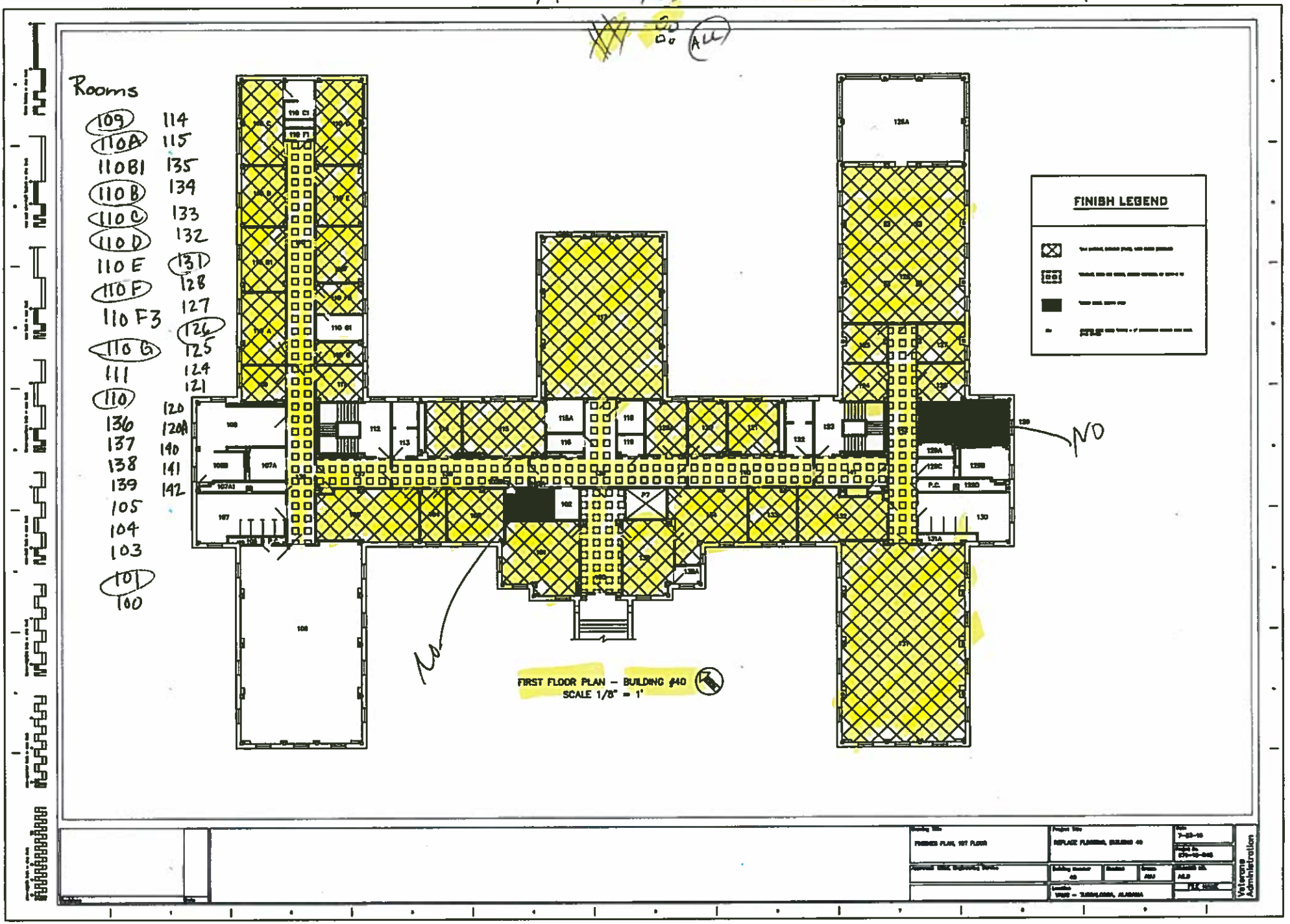
Find old fan shafts!



FIRST FLOOR PLAN – BUILDING #40

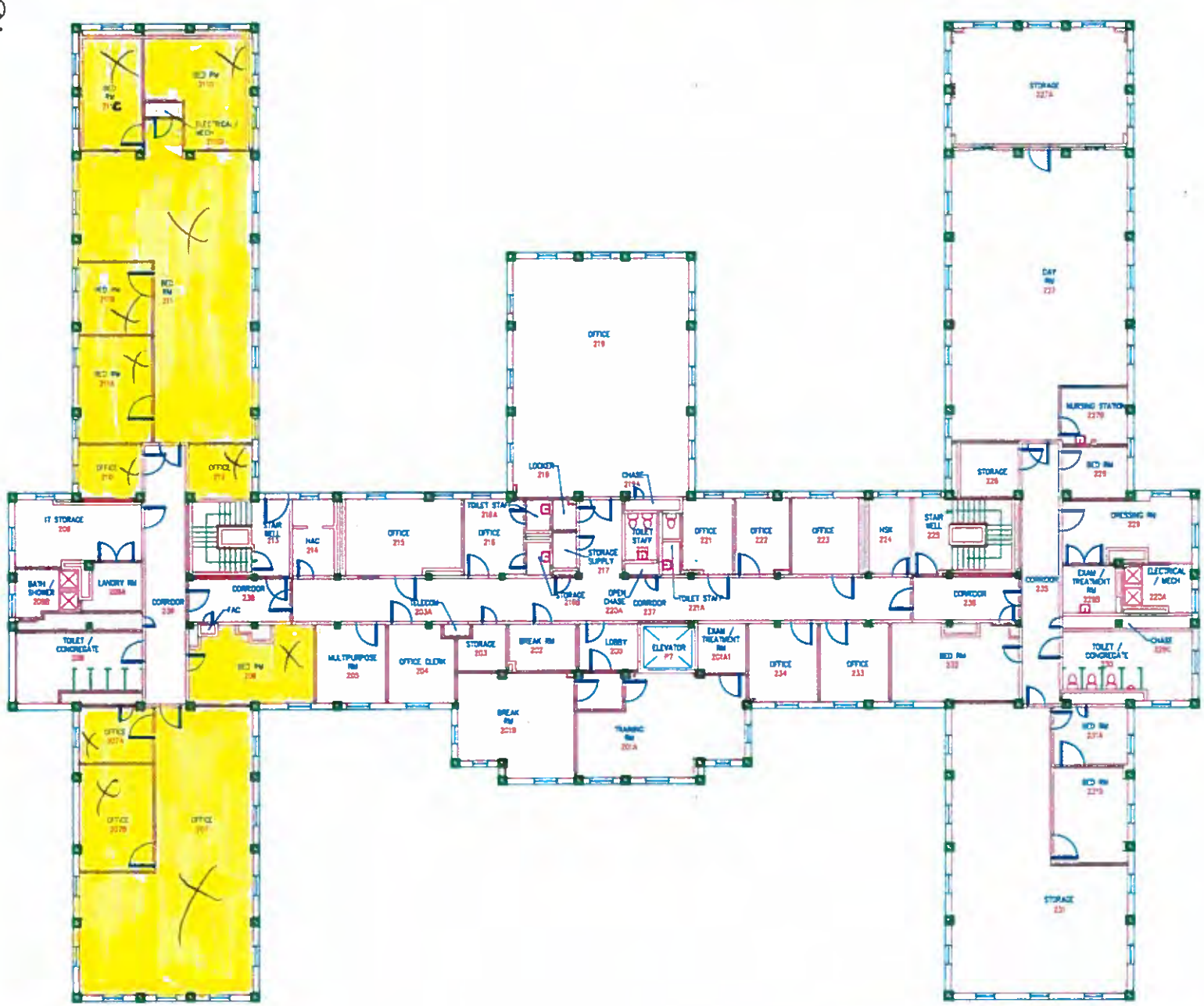
FIRST FLOOR PLAN BUILDING 40
FILE NAME: k:bs40-1
40–1

ACM mastic + tile removal B-40 1st floor

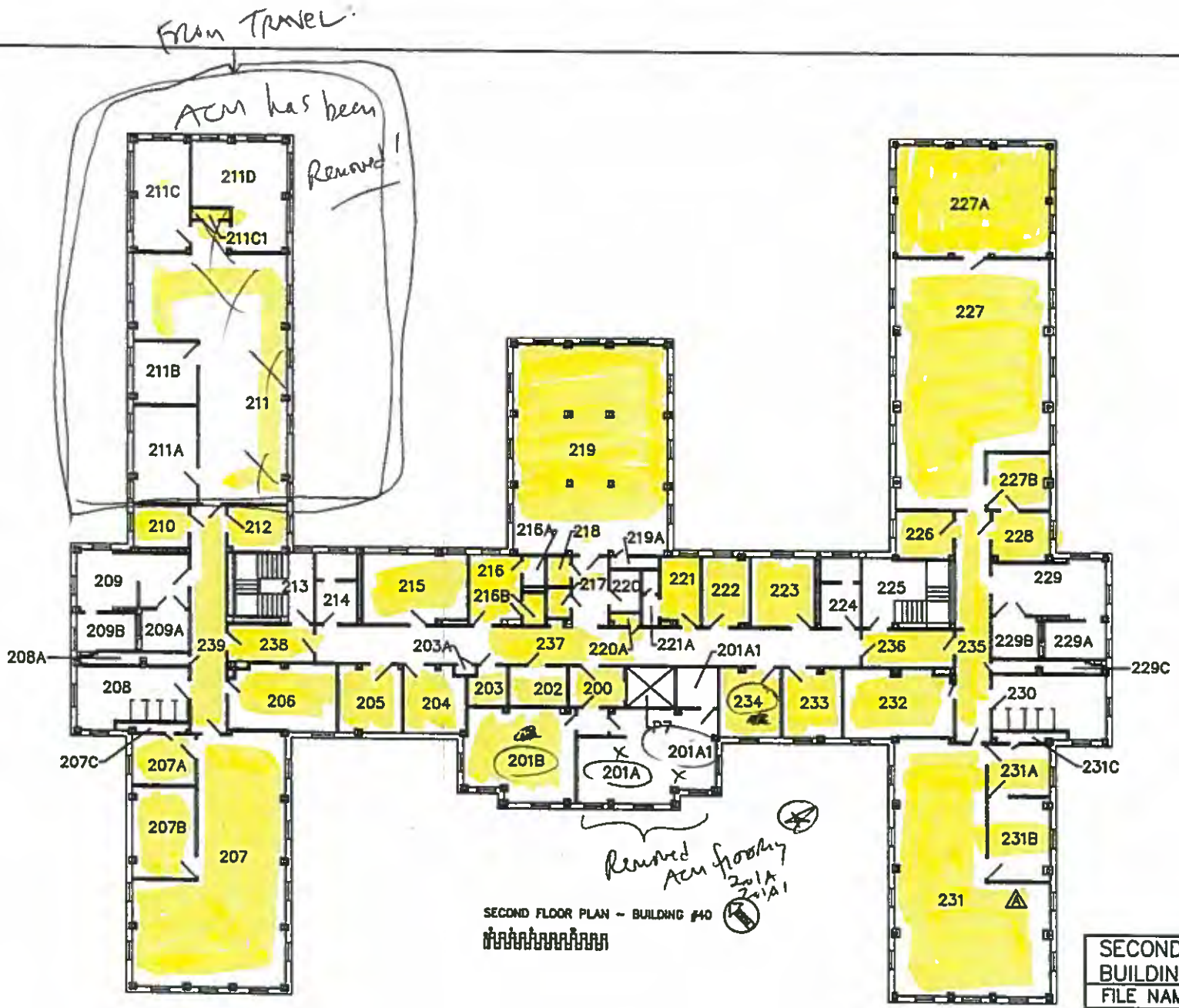


X= ACM
Mastic + floor tile removal

Rooms
206
207
207A
207B
210
212
211A
211B
211
211C
211D



Building 40 2nd Floor



SECOND FLOOR PLAN
BUILDING 40
FILE NAME: 88086AAE

40-2

⚠ MOVED WALL 3-16-05 (AWB)

APPENDIX O

BUILDING 41
GROUNDS BUILDING





INCLUDED IN APPENDIX O:

O-1 – Annual Asbestos Re-inspection Documentation

O-2 – Homogeneous Area / Sample Summary Table

O-3 – Sample/ACM Location Plans

O-4 – PLM Laboratory Reports

O-5 – Photographic Documentation

O-6 – Estimated Asbestos Abatement Costs

O-7 – Additional VAMC Supplied Notes/Information

APPENDIX O-1
Annual Asbestos Re-inspection Documentation

BUILDING 41 HOMOGENEOUS AREA LIST

HA 01 = 12” FLOOR TILE (MULTI BROWN) - NAD
HA 02 = 12” FLOOR TILE (YELLOW) AND MASTIC
HA 03 = CEILING TILE – 2’ X 2’ GOOVED AND PINHOLE (NEW) – NAD
HA 04 = PIPE INSULATION, PRE-FORMED – NAD
HA 05 = PIPE INSULATION (MAGNESIA-TYPE) STEAM PIPING - REMOVED
HA 06 = PIPE INSULATION (AIRCELL-TYPE) DOMESTIC WATER PIPING -REMOVED
HA 07 = ROOFING FELT – NAD
HA 08 = ROOFING TAR – ROOF TRIM AND SEAMS OF SLATE SHINGLES
HA 09 = CEILING TILE – 2’ X 2’ GROOVE AND PINHOLE (OLD) – NAD
HA 10 = CONTAMINATED SOILS IN CRAWLSPACE - REMOVED

HA = HOMOGENEOUS AREA
HA = ASBESTOS CONTAINING MATERIAL
NAD = NO ASBESTOS DETECTED

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 41 Homogeneous Area #: 02 Date: 7/16/14
Description: 12" x 12" Floor tile (yellow) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
(3)	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Present in Rooms 100, 101, 103 – fair to poor condition, ~ 310 ft^2.

2009 Inspection Note: ACM/ACE with potential for damage. Rooms 100, 101, 103 - fair to poor condition.

2002 Inspection Note: ACM/ACE with potential for damage. Rooms 100, 101, 103. Fair condition.

1991 Inspection Note: ACM/ACE with potential for damage. Rooms 100, 101, 103 (310 SF)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 41 Homogeneous Area #: 05 Date: 7/16/14
Description: Pipe insulation – magnesia type – steam piping Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: According to VAMC personnel, ACM TSI has been removed/replaced. SELC observed newer fiberglass and foam insulation in building and in crawlspace.

2009 Inspection Note: No comment.

2002 Inspection Note: Drawing indicates ACM piping still present.

1991 Inspection Note: Damaged or significantly damaged TSI ACM or ACE. Basement (1,305 LF) / 1st floor (70 LF accessible, 40 LF inaccessible)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 41 Homogeneous Area #: 06 Date: 7/16/14
Description: Pipe insulation – aircell type – domestic water Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: According to VAMC personnel, ACM TSI has been removed/replaced. SELC observed newer fiberglass and foam insulation in building and in crawlspace.

2009 Inspection Note: No comment.

2002 Inspection Note: Drawing indicates ACM piping still present.

1991 Inspection Note: Damaged or significantly damaged TSI ACM or ACE. Basement (545 LF)

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 41 Homogeneous Area #: 08 Date: 7/16/14
Description: Roofing tar Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Good condition.

2009 Inspection Note: No comment / outside scope of work.

2002 Inspection Note: ACM or ACE with potential for damage. Roof – good condition.

1991 Inspection Note: Any remaining friable ACM or friable suspected ACM or ACE. Roofing trim and seams of slate shingles (200 SF)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 41 Homogeneous Area #: 10 Date: 7/16/14
Description: Soils Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Not observed. Newer insulation on piping in crawlspace.

2009 Inspection Note: No comment / outside scope of work.

2002 Inspection Note: ACM or ACE with potential for damage. Crawlspace (453SF) – good condition

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

APPENDIX O-2
Homogeneous Area / Sample Summary Table

HOMOGENEOUS AREA / SAMPLE SUMMARY TABLE PROJECT: 2014-1108 – BUILDING 41					
HOMG. AREA (HA#)	**HOMOGENEOUS AREA (HA) DESCRIPTION & LOCATION**	**HA TYPE (AHERA) EPA/OSHA CATG. (IF ACM) CONDITION (IF ACM)**	**SAMPLE NO.**	**ASBESTOS CONTENT**	**SAMPLE LOCATION**
No samples collected					
END OF TABLE					

Notes: 1. ** = Homogeneous area # previously identified by others.

2. If not demarked with an **, this is a new homogeneous area identified by SELC during this re-inspection

APPENDIX O-3
Sample/ACM Location Plans

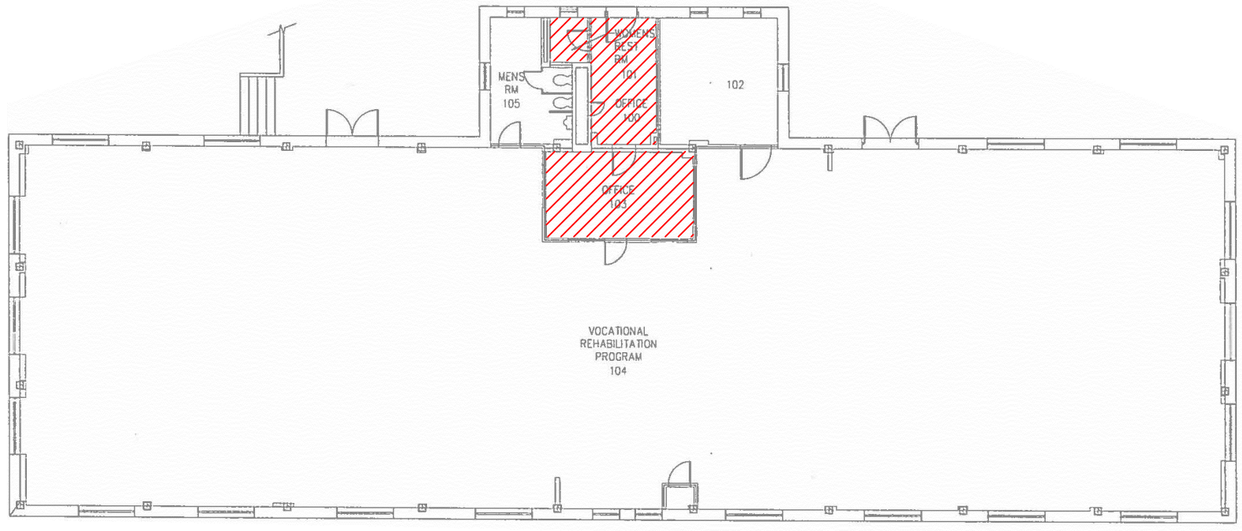
ASBESTOS NOTES AND LEGEND:

ACM = ASBESTOS CONTAINING MATERIALS
VCT = VINYL COMPOSITION FLOOR TILE
NAD = NO ASBESTOS DETECTED / NOT ACM

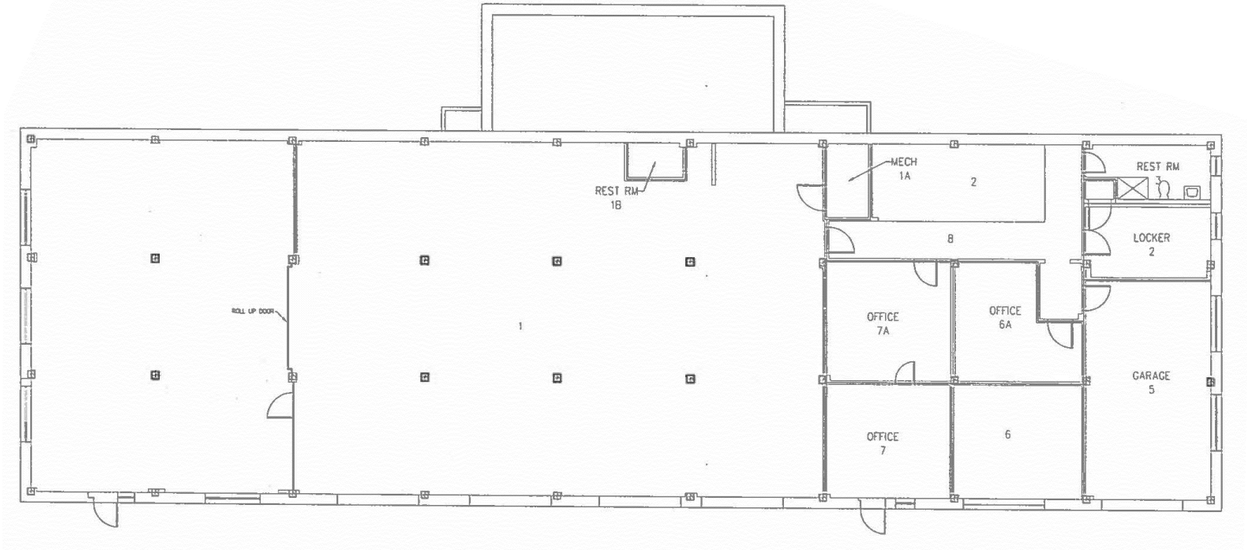
1. HA08 – ACM ROOF TRIM AND SEAMS OF SLATE SHINGLES, PRESENT ON BUILDING'S ROOF.

2. NO SAMPLES COLLECTED IN BUILDING 41 BY SELC.

HA02 = ACM 12" VCT (YELLOW) AND MASTIC.



BUILDING 41 – FIRST FLOOR



BUILDING 41 – GROUND FLOOR

NOT TO SCALE

SHEET 1: BUILDING 41	Safety Environmental Laboratories and Consulting, Inc. 989 Yeager Parkway Pelham, AL 35124 SELC (205) 823-6200 fax (205) 823-9066	PROJECT 3-YEAR ASBESTOS RE-INSPECTION VAMC TUSCALOOSA 3701 LOOP ROAD TUSCALOOSA, ALABAMA 35404 SELC PROJECT NO.: 2014-1108	BUILDING 41 SHEET 1 OF 1

APPENDIX O-4
PLM Laboratory Reports

(NO PLM REPORT)

APPENDIX O-5
Photographic Documentation

Photographic Documentation – 3 Year Asbestos Re-inspection – Building 41



PHOTOGRAPH 1
HA 02 – Yellow 12” VCT and mastic in Rooms 100, 101, and 103 on first floor.



PHOTOGRAPH 3
View of ground and first floor level, and roof with HA 08 – roofing tar at trim and seals of slate roof.



PHOTOGRAPH 2
View of first floor level, and roof with HA 08 – roofing tar at trim and seals of slate roof.

NO PHOTOGRAPH

APPENDIX O-6
Estimated Asbestos Abatement Costs

BUILDING 41 ESTIMATED ASBESTOS ABATEMENT COSTS				
HA NUMBER(S)	**TYPE OF ACM**	**FRIABLE/ NON-FRIABLE**	**APPROXIMATE QUANTITY**	**ESTIMATED ABATEMENT COST**
02	Vinyl composition floor tile and mastic	Non-Friable	~ 310 square feet	$1,550
08	Roofing tar	Non-Friable	200 square feet	$1,000

Notes:

1. HA = Homogeneous area
2. ACM = Asbestos containing material
3. NP = Not provided
4. Costs provided are general estimates for information purposes only. A complete and specific cost estimate should be obtained from Alabama accredited asbestos abatement contractors prior to any abatement project.
5. Quantity and cost estimates are provided only for observable ACM/homogeneous area. Cost estimates are not provided for inaccessible portions/quantities of a homogeneous group.

APPENDIX O-7
Additional VAMC Supplied Notes/Information

(NONE INCLUDED)

APPENDIX P

BUILDING 46
CHAPEL



INCLUDED IN APPENDIX P:

P-1 – Annual Asbestos Re-inspection Documentation

P-2 – Homogeneous Area / Sample Summary Table

P-3 – Sample/ACM Location Plans

P-4 – PLM Laboratory Reports

P-5 – Photographic Documentation

P-6 – Estimated Asbestos Abatement Costs

P-7 – Additional VAMC Supplied Notes/Information

APPENDIX P-1
Annual Asbestos Re-inspection Documentation

BUILDING 46 HOMOGENEOUS AREA LIST

HA 01 = 9” FLOOR TILE (BROWN) - REMOVED
HA 02 = 12” FLOOR TILE (GREEN) - REMOVED
HA 03 = 12” FLOOR TILE (GREEN WITH DARK GREEN)
HA 04 = CEILING TILE – 1’ X 1’ TONGUE AND GROOVE – NAD
HA 05 = CEILING TILE – 2’ X 2’ GOOVED AND PINHOLE (OLD) – NAD
HA 06 = CEILING TILE – 2’ X 2’ GOOVED AND PINHOLE (NEW) – NAD
HA 07 = CEILING TILE – 2’ X 2’ WHITE – NAD
HA 08 = ROOFING SHINGLES – NAD
HA 09 = ROOFING TAR – ROOF - REMOVED
HA 10 = ROOFING FELT – NAD
HA 11 = PIPE FITTING INSULATION (HARD) ON FIBERGLASS RUNS ON DOMESTIC WATER AND STEAM PIPING SYSTEMS = NAD
HA 12 = PIPE INSULATION, BLACK MASTIC – NAD
HA 13 = FLEXIBLE DUCT CONNECTOR - REMOVED
HA 14 = DOWNSPOUT TAR
HA 15 = WHITE/OFF-WHITE MASTIC ON RAW ENDS AND SEAMS OF INSULATED PIPING
HA 16 = GRAY-GREEN MASTIC APPLIED TO SEAMS OF AHU DUCTWORK

HA = HOMOGENEOUS AREA
HA = ASBESTOS CONTAINING MATERIAL
NAD = NO ASBESTOS DETECTED
HA (ITALICIZED) = IDENTIFIED BY SELC DURING 2014 RE-INSPECTION. OTHER HOMOGENEOUS AREAS IDENTIFIED DURING PREVIOUS RE-INSPECTIONS/INSPECTIONS BY OTHER CONSULTANTS.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 46 Homogeneous Area #: 01 Date: 7/16 & 23/14
Description: 9" x 9" Floor tile (brown) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed. Carpet or Centiva flooring over concrete in Rooms1, 3, 7-9, and 11. New 12" VCT over concrete in Corridor 5.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: ACM or ACE with potential for damage. Rooms 1, 3, 5, 7-9 and 11. Rooms 7, 9, 11 under carpet

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Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 46 Homogeneous Area #: 02 Date: 7/16 & 23/14
Description: 12" x 12" Floor tile (green) and mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed. New 12" VCT over concrete in Room 6.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: ACM or ACE with potential for damage. Room 6 (240 SF)

Recommendation Response Action (circle applicable actions)
O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 46 Homogeneous Area #: 03 Date: 7/16/14
Description: 12" x 12" Floor tile (green w/ dark green) & mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Removed from corridor 5B portion inside sliding glass doors of chapel. However, HA 03 is present in connection corridor to Building 1.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: ACM or ACE with potential for damage. Connecting corridor 5B (450 SF)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 46 Homogeneous Area #: 09 Date: 7/16/14
Description: Roofing tar Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: According to VAMC personnel, this roof was removed, and HA 09 abated in mid to late 2007s after sustained storm damage.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: Any remaining friable ACM or friable suspected ACM or ACE. Roof-200 SF.

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 46 Homogeneous Area #: 13 Date: 7/16/14
Description: Flexible Duct Connector Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Vinyl/rubber flexible duct connectors in mechanical room.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: Any remaining friable ACM or friable suspected ACM or ACE. Mechanical Room (1 each)

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 46 Homogeneous Area #: 14 Date: 7/16 /14
Description: Downspout tar Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
__X__ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
_____ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
(2)	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Most removed / no tar observed. However, one downspout outside mechanical room has HA 14. Fair condition.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: Any remaining friable ACM or friable suspected ACM or ACE. Downspout joints (2 each)

Recommendation Response Action (circle applicable actions)

(*O&M*) *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: Manage in place until impacted by planned renovations or repair activities. Abate prior to or as part of planned renovation or repair activities.

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 46 Homogeneous Area #: 15 Date: 7/16 /14
Description: White/off-white mastic on piping Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: White/off-white mastic at raw ends and seams of kraft-faced fiberglass steam and chiller piping in mechanical room. Samples B46-1 and B46-2.

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

Tuscaloosa VA Medical Center
Annual Asbestos Re-Inspection Documentation

Building #: 46 Homogeneous Area #: 16 Date: 7/16 /14
Description: Gray-green AHU Duct Mastic Inspector: E. Hyde

Physical Assessment (check all that apply)

_____ Damaged or significantly damaged TSI, ACM or ACE
_____ Damaged friable surfacing ACM or ACM
_____ Significantly damaged friable surfacing ACM or ACE
_____ Damaged or significantly damaged friable miscellaneous ACM or ACE
_____ ACM or ACE with potential for damage
_____ ACM or ACE with potential for significant damage
_____ Any remaining friable ACM or ACE
__X__ No asbestos detected

Classification of Hazard Potential (circle one)

Hazard Rank	ACM Condition	ACM Disturbance Potential
7	Significantly Damaged	Any
6	Damaged	Potential for Significant Damage
5	Damaged	Potential for Damage
4	Damaged	Low Potential for Damage
3	Good	Significant Potential for Damage
2	Good	Potential for Damage
1	Good	Low Potential for Damage

Current Inspection Comments/Condition if Changed: Gray/green mastic applied at seams of externally un-insulated metal AHU ductwork in mechanical room. On reportedly newer ductwork. Not present on presumably older ductwork. Sample B46-3

2009 Inspection Note: N/A

2002 Inspection Note: N/A

1991 Inspection Note: N/A

Recommendation Response Action (circle applicable actions)

O&M *Remove/Enclose/Encapsulate* *Evacuate/Restrict*

Explain: N/A

APPENDIX P-2
Homogeneous Area / Sample Summary Table

HOMOGENEOUS AREA / SAMPLE SUMMARY TABLE PROJECT: 2014-1108 – BUILDING 46					
HOMG. AREA (HA#)	**HOMOGENEOUS AREA (HA) DESCRIPTION & LOCATION**	**HA TYPE (AHERA) EPA/OSHA CATG. (IF ACM) CONDITION (IF ACM)**	**SAMPLE NO.**	**ASBESTOS CONTENT**	**SAMPLE LOCATION**
15	Mastic (white/off-white) applied at seams of kraft-faced fiberglass insulation on, and raw fiberglass ends of steam and chiller piping in the mechanical room.	Miscellaneous Material on TSI Not ACM	B46-1	None Detected	Mechanical Room – Steam Pipe
			B46-2	None Detected	Mechanical Room – Chiller Pipe
16	Mastic (gray/green) applied at seams of externally un-insulated metal AHU ductwork in mechanical room. Ductwork appears to be relatively new. No mastic observed on what appeared to be older ductwork in the mechanical room.	Miscellaneous ACM NESHAP Category 2 Non-Friable ACM OSHA Class II Work Intact	B46-3	None Detected	Mechanical Room
END OF TABLE					

Notes: 1. ** = Homogeneous area # previously identified by others.

2. If not demarked with an **, this is a new homogeneous area identified by SELC during this re-inspection

APPENDIX P-3
Sample/ACM Location Plans



SAMPLE LOCATION LEGEND

B46-1 Sample Locations/ No Asbestos Detected in Sample

B46-1 Sample Locations/ Asbestos Detected in Sample

NOT TO SCALE

BUILDING 46

SHEET 1: BUILDING 46

Safety Environmental Laboratories and Consulting, Inc.
SELC
989 Yeager Parkway
Pelham, AL 35124
(205) 823-6200 fax (205) 823-9066

PROJECT

3-YEAR ASBESTOS RE-INSPECTION
VAMC TUSCALOOSA
3701 LOOP ROAD
TUSCALOOSA, ALABAMA 35404

SELC PROJECT NO.: 2014-1108

BUILDING 46
GROUND FLOOR
SHEET 1 OF 1

APPENDIX P-4
PLM Laboratory Reports

Safety Environmental Laboratories and Consulting, Inc.

Asbestos Bulk Sample Analysis Report

989 Yeager Pkwy.
Pelham, AL 35124
Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

Customer: **Safety Environmental Laboratories and Consulting, Inc.**
989 Yeager Parkway
Pelham, AL 35124

Telephone: **205-823-6200** Fax: **205-823-9066**

Project Name: **VAMC Tuscaloosa**
Project Location: **Building 46**

SELC Project #: **2014-1108**

Sample Receipt Date: 08/06/2014
Sample Analysis Date: 08/07/2014
Sample Report Date: 08/07/2014

Asbestos Identification in Bulk Materials by Polarized Light Microscopy

EPA/600/R-93/116 July 1993 – Method for the Determination of Asbestos in Bulk Building Materials

Note: See Attached Notes and Descriptions Sheet for Applicable Abbreviations and Notes

Customer Sample No.	Lab Sample No.	Sub-sample No.	Layer No.	Sample Location / Description	Homo-geneous (yes/no)	Asbestos % and Type	% Non-Asbestos Fibers	% Non-Fibrous Material
B46-1	29	N/A	1	Steam Pipe Mastic – Mechanical Room Pipe Mastic – White, Soft	N	None Detected	None Detected	100%
B46-2	30	N/A	1	Chiller Pipe Mastic – Mechanical Room Pipe Mastic – Tan, Hard	N	None Detected	7% Wollastonite	93%
B46-3	31	N/A	1	Duct Seam Mastic – Mechanical Room Duct Mastic – Gray, Hard	N	None Detected	None Detected	100%

☒ This report is **FINAL** ☐ This report is **PRELIMINARY** – pending final QC

Analyst
Kris Parker – Asbestos Analyst

Technical Review
Brian Ray – Asbestos Analyst

Quality Review
Carol Findlay – Microscopy Manager

989 Yeager Pkwy.
Pelham, AL 35124

Phone: (205) 823-6200
Fax: (205) 823-9066

NVLAP LAB CODE: 200873-0

PLM Notes and Descriptions

1. Upper detection limit: 100%. Lower detection limit: <1%.
2. Bulk Samples will be stored for 3 months and will then be disposed of in an approved EPA landfill.
3. Analysis of floor tile or any other resinously bound materials by polarized light microscopy (PLM) using EPA Method 600/R-93/116 dated July 1993 may yield false-negative results because of method limitations in separating closely bound fibers from matrix material and in detecting fibers of small length and/or diameter. When analysis of such materials by the EPA PLM Method yields negative results for the presence of asbestos we recommend utilizing alternative methods of identification such as Gravimetry, XRD or AEM.
4. Samples are not homogenized by SELC prior to analysis. Distinct material layers within a sample are analyzed and reported separately by SELC. When multiple products are submitted by the customer under one sample number, SELC indicates those distinct products as sub-samples. SELC retains all samples numbers but will designate a sample number to those that are not given a sample number by the customer.
5. Percentages given are based on a visual estimated calibration.
6. Safety Environmental Laboratories and Consulting, Inc. is a NVLAP accredited laboratory, Lab Code: 200873-0 (ISO/IEC Standard 17025:2005 Compliant).
7. Results relate only to the samples tested. All tests were performed under the scope of SELC's NVLAP accreditation, unless indicated otherwise.
8. All samples were received in a condition suitable for analysis ("Good"), unless otherwise noted.
9. This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.
10. Analytical Instrument: Olympus Polarized Light Microscope Series BH-2 Model BHT-002

Analyst
Kris Parker – Asbestos Analyst

Technical Review
Brian Ray – Asbestos Analyst

Quality Review
Carol Findlay – Microscopy Manager

Safety Environmental Laboratories and Consulting, Inc.

989 Yeager Pkwy.
Pelham, AL 35124
Phone: (205) 823-6200
Fax: (205) 823-9066

Environmental, Health, and Safety Solutions

SELC

Chain of Custody Form

Customer: Safety Environmental Labs and Consulting, Inc.
Address: 989 Yeager Parkway
Pelham, AL 35126
Phone: 205-823-6200 Fax: 205-823-9066
E-mail:

Project Number: 2014-1108
Project Name: VAMC Tuscaloosa
Project Location: Building 46
PO Number:
SELC Proj. #:

Sample Type
- ☐ Air
- ☒ Bulk
- ☐ Paint
- ☐ Soil
- ☐ Waste
- ☐ Other:

Asbestos Analysis
- ☐ Asbestos Air - PCM
- ☐ Asbestos Air - TEM
- ☒ PLM (EPA 600/R-93/116)
- ☐ PLM (EPA Point Count)
- ☐ Other:

Metals Analysis
- ☐ Total Conc. - Lead
- ☐ Total Conc. - RCRA 8-Metals
- ☐ TCLP - Lead
- ☐ TCLP - RCRA 8-Metals
- ☐ TCLP - Full (w/ organics)
- ☐ Other:

Turn-Around Time*
- ☐ Rush/Same Day†
- ☐ 24 Hours
- ☐ 48 Hours
- ☒ 3 Business Days
- ☐ 4 Business Days
- ☐ Other:

- Field blanks should be submitted with all samples -

* *Some TAT not available for all tests. Must schedule rush organics, multi-metals, and weekend tests in advance.*
† *Same day not available after 2:00 PM*

Sample #	Date Sampled	Sample Description (e.g. Employee Name, SSN, Bldg, Material)	Area Wiped (ft^2)	Type ‡ A/B/P/E	Time of Sampling Start	Time of Sampling Stop	Flow Rate (L/min) Start	Flow Rate (L/min) Stop	Total Vol. (L)	SELC USE ONLY #	SELC USE ONLY Cond
B46-1	7/16/14	EH ~~Mastic~~ Steam Pipe Mastic - Mech Rm								29	6
B46-2	↓	Chiller Pipe Mastic - Mech Room								30	↓
B46-3	↓	Duct Seam Mastic - Mech. Room								31	↓
~~B46-4~~ EH	↓ EH										

‡ A - Area, B - Blank, P - Personal, E - Excursion

Sampled By:
Signature
Elizabeth Hyde

Relinquished by: / **Received By:**

Signature	Date	Time	Signature	Date	Time
Elizabeth Hyde	8/15/14	5:00pm	Betty Lindsey	8/16/14	8:25am

APPENDIX P-5
Photographic Documentation

Photographic Documentation – 3 Year Asbestos Re-inspection – Building 46



PHOTOGRAPH 1
HA 03 – ACM 12” Vinyl composition floor tile and mastic in connecting corridor to Building 1.



PHOTOGRAPH 3
View of rubber/vinyl flexible duct connector in mechanical room, and grey/green mastic on seams of AHU ductwork (HA 16 – NAD).



PHOTOGRAPH 2
HA 03 – ACM 12” Vinyl composition floor tile and mastic in connecting corridor to Building 1.



PHOTOGRAPH 4
Piping insulated with kraft-faced fiberglass insulation in mechanical room. Mastic (HA 16 – NAD) is present at raw ends and seams of this piping.

APPENDIX P-6
Estimated Asbestos Abatement Costs

BUILDING 46 ESTIMATED ASBESTOS ABATEMENT COSTS				
HA NUMBER(S)	**TYPE OF ACM**	**FRIABLE/ NON-FRIABLE**	**APPROXIMATE QUANTITY**	**ESTIMATED ABATEMENT COST**
03	Vinyl composition floor tile and mastic	Non-Friable	~ 450 square feet	$2,250
14	Downspout Tar	Non-Friable	Observed on one down spout by mechanical room.	$200

Notes:

1. HA = Homogeneous area
2. ACM = Asbestos containing material
3. NP = Not provided
4. Costs provided are general estimates for information purposes only. A complete and specific cost estimate should be obtained from Alabama accredited asbestos abatement contractors prior to any abatement project.
5. Quantity and cost estimates are provided only for observable ACM/homogeneous area. Cost estimates are not provided for inaccessible portions/quantities of a homogeneous group.

APPENDIX P-7
Additional VAMC Supplied Notes/Information

Attic flexible conducts with ACM *

MV
03/25/14

Per Ken Mills

~~Bldg 2~~ - Rm 238 (No ACM)

~~Bldg 3~~ - Attic (take stairs across from rm 213) (No ACM)

~~Bldg 4~~ - Attic + ductwork replaced 1994 No ACM

Bldg 5 - 3rd fl

Mech rm 5 + rm 205 A
X2 + rm 102 (A)

Bldg 1 Above ceiling / corridor

Near ~~Rm~~ Rm 120F (ACM?)

cont rm 235 above ceiling (ACM?)

B-46 Chapel - duct flex "Canvas Connector"

B-40 1st fl + 2nd floor ? canvas vs ACM

APPENDIX Q

INSPECTOR AND LABORATORY CERTIFICATIONS

THE UNIVERSITY OF ALABAMA

UA SafeState

has examined the documentation of asbestos training
and qualifications of the person named below and confers this

Certificate of Accreditation

For the Asbestos Contractor Discipline

INSPECTOR

Elizabeth Hyde

Alabama Accreditation Number

AIN0414542250

Certificate Expiration Date

April 17, 2015

This certificate has been issued pursuant to the authority granted to the
University of Alabama Safe-State Program
by the Alabama Asbestos Contractor Accreditation Act,
Alabama Act No. 89-517, May, 1989 and
Alabama Act No. 97-626, May, 1997.

Interim Executive Director

Environmental Services Manager

THE UNIVERSITY OF ALABAMA

UA SafeState

has examined the documentation of asbestos training
and qualifications of the person named below and confers this

Certificate of Accreditation

For the Asbestos Contractor Discipline

INSPECTOR

N. Glenn Ray

Alabama Accreditation Number

AIN0414203952

Certificate Expiration Date

April 17, 2015

This certificate has been issued pursuant to the authority granted to the
University of Alabama Safe-State Program
by the Alabama Asbestos Contractor Accreditation Act,
Alabama Act No. 89-517, May, 1989 and
Alabama Act No. 97-626, May, 1997.

Interim Executive Director

Environmental Services Manager

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200873-0

Safety Environmental Laboratories & Consulting Inc.

Pelham, AL

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

BULK ASBESTOS FIBER ANALYSIS

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

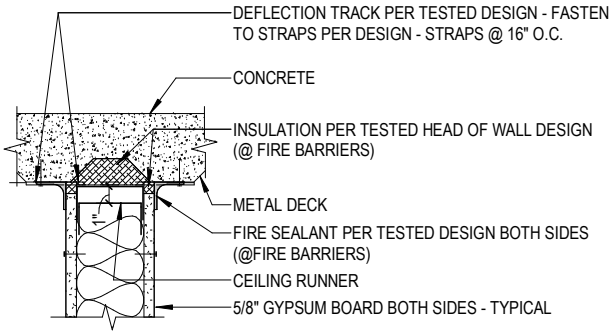
2013-10-01 through 2014-09-30

Effective dates

DEPARTMENT OF COMMERCE * UNITED STATES OF AMERICA *

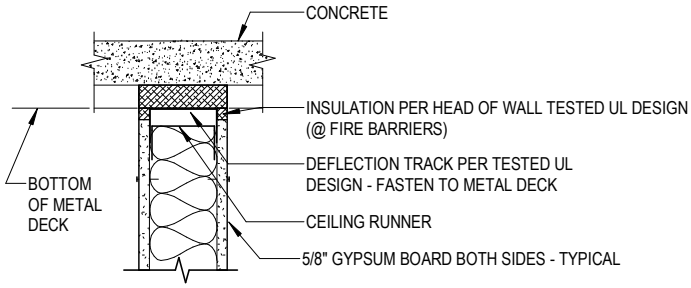
For the National Institute of Standards and Technology

NVLAP-01C (REV 2009-01-28)



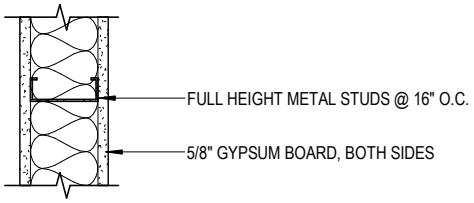
HEAD PARALLEL TO MTL DECK

1" DEFLECTION STI SYSTEM No. HW-D-0456

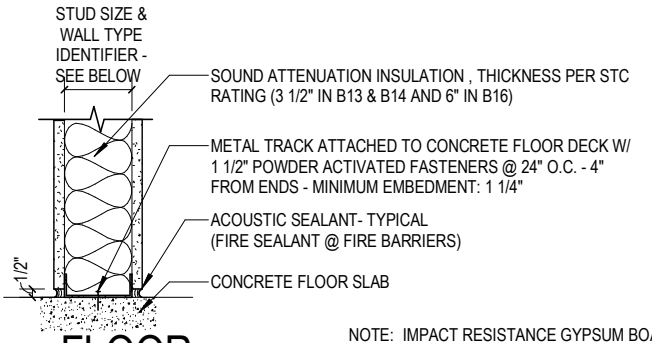


HEAD PERPENDICULAR TO MTL DECK

1" DEFLECTION STI SYSTEM No. HW-D-0456



PLAN SECTION



FLOOR

NOTE: IMPACT RESISTANCE GYPSUM BOARD ON ONE OR BOTH SIDES ARE EQUIVALENT.

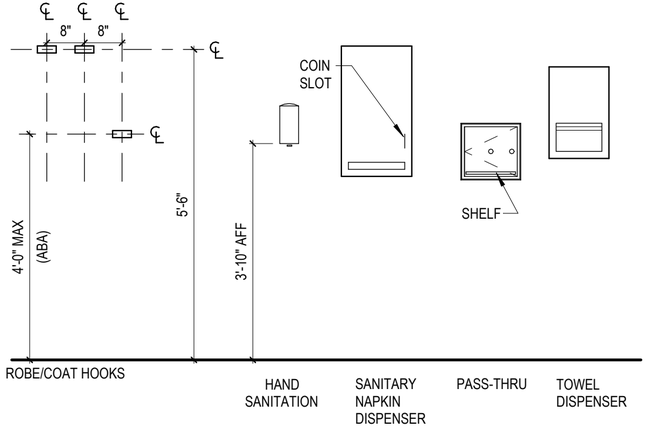
WALL TYPE IDENTIFIERS	-FIRE-		-SOUND-	
B13 3 5/8" METAL STUDS = 4 7/8" WALL	RATING	TEST #	STC	TEST #
	1 hr	UL U465	40	NGC 2013004
	1 hr	& UL V438	40	NGC 2518

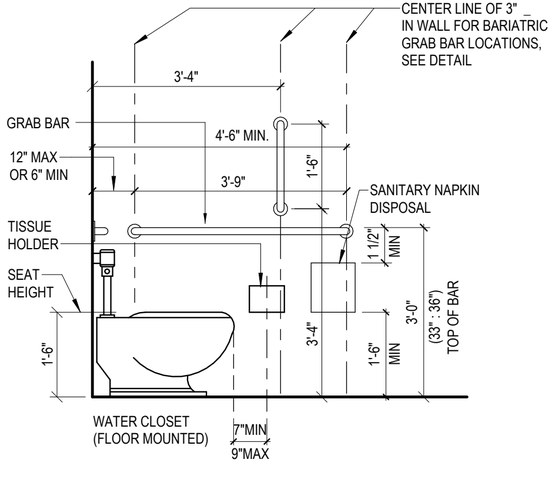
FIRE RATED - ONE HOUR
WHERE INDICATED ON PLANS

B1_ WALL TYPE

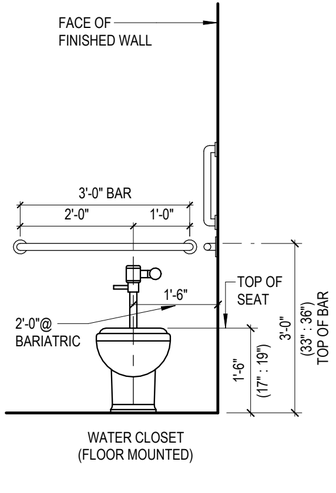
SCALE: 1 1/2"=1'-0"

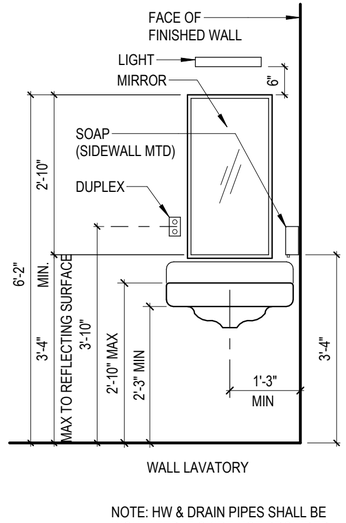
2 - TLTU1 - Toilet, Staff				
JSN	**NAME**	**QTY**	**ACQ/INS**	**DESCRIPTION**
A1067	Mirror, Float Glass, ADA Accessible	1	CC	A high quality 1/4" polished float glass mirror with a stainless steel frame. Frame holds mirror in a tilted position for accessibility and compliance with ADA requirements. Mirror has a galvanized steel back secured to frame with concealed screws with integral horizontal hanging brackets. Mirror shall be approximately 18" wide and 36" high. Other sizes are available.
A5075	Dispenser, Soap, Disposable	1	VV	Disposable soap dispenser. One-handed dispensing operation. Designed to accommodate disposable soap cartridge and valve.
A5082	Dispenser, Paper Towel, Sensor, Hands Free	1	CC	A surface mounted, sensor activated, automatic, roll paper towel dispenser. The unit dispenses a paper towel automatically only when hands are place in position below the dispenser for maximum sanitation and hygiene. May include adjustable settings for sheet length, time delay, and sensor range. Unit is battery operated or with optional AC power adapter.
A5090	Disposal, Sanitary Napkin, SS, Surface Mounted	1	CC	A surface mounted, satin finish stainless steel, sanitary napkin disposal. Disposal features a flip-up cover, secured to the container by a heavy duty stainless steel piano-hinge. Disposal may be secured to wall or toilet partition. For general purpose use in female toilet stalls or rooms and uni-sex toilet rooms.
A5109	Grab Bar, 1-1/4" Dia., SS, 2 Wall, W/C Accessible	1	CC	A 1-1/4" diameter, satin finish stainless steel, peened gripping surface, 2 wall toilet stall/ room, grab bar with concealed mounting flanges. Snap over flanges are provided to conceal mounting screws. A selection of mounting kits and concealed anchor devices are available from the manufacturers for different types of installations. Grab bar shall comply with barrier-free accessibility guidelines for structural strength. For typical water closet applications in toilet stalls and rooms where ADA (American's With Disabilities Act) requirements must be met.
A5145	Hook, Garment, Double, SS, Surface Mounted	1	CC	A surface mounted, satin finish stainless steel, double garment hook. Equipped with a concealed mounting bracket that is secured to a concealed wall plate. For general purpose use throughout the facility to hang various items of apparel.
A5200	Dispenser, Toilet Tissue, SS, 2-Roll, Surface Mntd	1	CC	A concealed surface mounted, double roll, satin finish stainless steel, toilet tissue dispenser. Unit accommodates two standard-core toilet tissue rolls through 5" in diameter. Spindles are chrome plated plastic with a heavy-duty internal spring and turn freely for non-controlled delivery. For general purpose use in restrooms.
F2010	Basket, Wastepaper, Step-On	1	VV	"Step-on" wastepaper basket with inner liner and foot petal activated flip top.
P3000	Lavatory, Vitreous China, Straight Back	1	CC	Wall mounted, vitreous china lavatory (approximate bowl size 7"x15"x10") with: straight-front apron, straight or contoured back; faucet holes on 4" centers; gooseneck spout; wrist blade handles; and grid strainer. It shall be suitable for use in clinics, offices, washrooms or patient care areas.
P9050	Toilet, Wall Hung, Siphon Jet	1	CC	Siphon jet water closet/ toilet. This unit is wall hung with an elongated bowl, top spud flushometer, seat with open front and check hinge, and carrier. Used in restrooms throughout the health care facility.



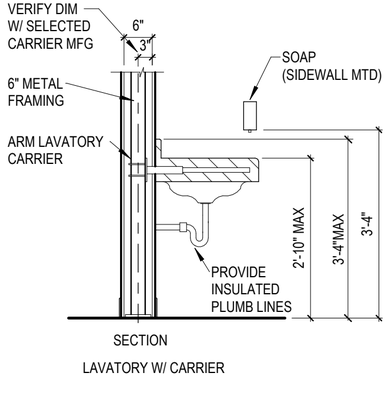


NOTE: PROVIDE W/GRAB BARS METAL STRAPPING OR
WOOD BLOCKING PLATE IN WALLS OR FOR ACCESSORIES.

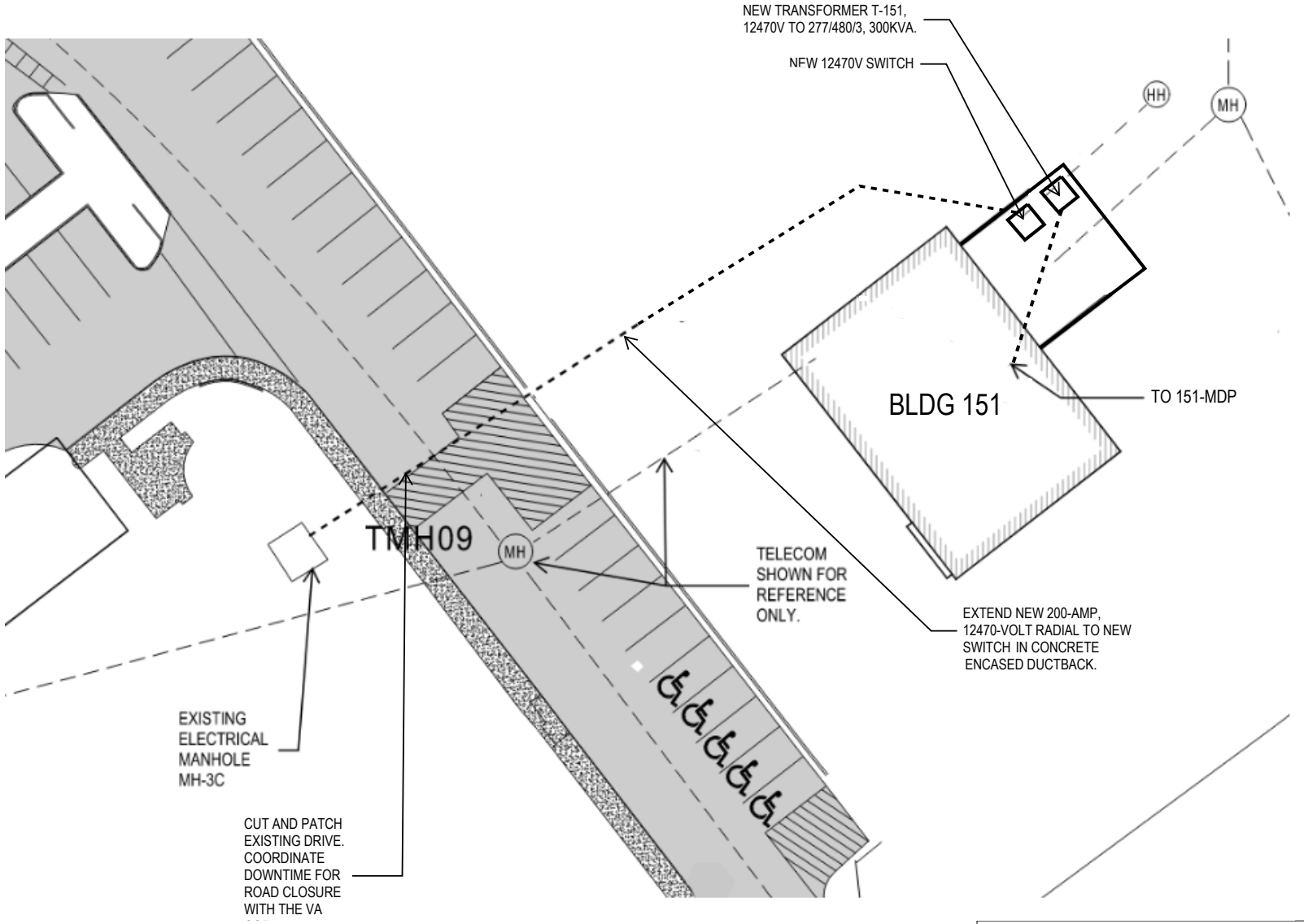




NOTE: HW & DRAIN PIPES SHALL BE
INSULATED IF SKIRT NOT PROVIDED



LAVATORY W/ CARRIER



PARTIAL ELECTRICAL SITE PLAN - BUILDING 151

NOT TO SCALE

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PARTIAL ELECTRICAL SITE PLAN - BUILDING 151

PROJECT NO.	DATE	DRAWN BY: JVE	DRAWING #:
20375.008	04/09/2025	CHECKED BY: CGH	EBD-01

Request for Information

EHRM Infrastructure Upgrades
Construction – Tuscaloosa VAMC
RFQ: 36C77625R0025
04/27/2025

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
1.	Looking through the drawings it is unclear what the finishes are for building B151. Please provide a room by room finish schedule for building B151.	A/E: See finish plan on sheet A-151.5. See Finish Schedule on sheet A-601.
2.	Please identify any specific company-wide certifications the VA requires for infectious Control construction for the Prime and their subcontractors. Also, please identify any specific licenses or certifications of individual workers regarding Infectious Control construction for this project.	VA: Licenses and/or Certifications for Infectious Control construction is not a requirement. The GC and subcontractors are required to meet the Infection Control Risk assessment (ICRA) requirements.
3.	Are all OSP cables to be home run to the new DC? Drawings indicate they are, but can trunk cables/splices be implemented?	A/E: Yes. Refer to sheet TG-003 for the site OSP connectivity diagram. Refer to Division 27 specifications for backbone cable routing requirements.
4.	Is fiber optic splicing in OSP Maintenance holes acceptable?	A/E: Refer to sheet TG-003 for the site OSP connectivity diagram. Refer to Division 27 specifications for backbone cable routing requirements.
5.	Is a sump pump or built-in sump desired for the Data Center entrance facility?	A/E: This question needs clarifying. Are you referring to the ductbank or the building entrance? Please elaborate on concern for water infiltration to building. Not required by code.
6.	Does the USG desire the installation of a hard ceiling in new TRs or addition of a screen from top of existing walls to true ceiling?	A/E: See RCP on Architectural sheets.
7.	Does the USG desire the removal of radiators from new TR spaces?	A/E: Yes
8.	Does the USG desire that TR require windows sealed/covered, and if so what is the spec?	A/E: See note 22 on Architectural sheets.
9.	How are buildings 1, 2, 63, 135, 38, and 137 fed from existing OSP? In the drawings, they do not have new OSP going to them, but can the government tell us where the current service comes in at each building?	A/E: Refer to sheets TG-004 and TG-004.A through TG-004.F. Some buildings have conduit routed through the connecting corridors which then connect to new OSP ductbank at certain buildings.
10.	Is government owned warehousing and laydown yard area available? What is the size of each?	VA: The contractor is responsible for their own storage of materials. The VA has a laydown area for all contractors to utilize and share on our facility. The contractor will be responsible for fencing a portion of the laydown area to house their materials. See attached pdf for laydown area location.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
11.	Will contractors be able to place equipment in the buildings before work is commenced- such as panel boards and wire.	VA: No, all equipment and materials must be stored at the laydown area within the contractor's designated space until time for install.
12.	Will the VA remove existing IT infrastructure (desks, monitors, cabinets, etc.) in Rooms that are or will be converted to TR rooms? -Is the contractor also responsible for its disposal? Will the hospital equipment administrator have a log of the equipment, so they can track its disposal?	A/E: Refer to sheet GI-003 – Installation/Construction Procedures, note #1.1.
13.	Are there any hazardous work areas such as radioactive areas or infectious areas?	VA: No, there are not any hazardous work areas on our facility.
14.	Is electrical splicing authorized?	A/E: Yes, refer to specification 26 05 19 (2.2) for Splicing requirements.
15.	Is Asbestos, PCB, Lead information available? This would be helpful in determining disposal of materials cost risk.	VA: Information will be provided. A/E: General Contractor should be prepared to sample, mediate, and/or abate hazardous materials if encountered during demolition/construction tasks.
16.	What is the ASI/Outage requirements and average timelines?	A/E: Wither electrical or data, coordinate outages with the COR.
17.	Is there a requirement for conduit (both electric and telecom) re: Compression vs. set-screw, are there any specific material call outs in specs?	A/E: Refer to division 26 and 27 specifications for electrical and telecom pathway requirements in addition to the drawings.
18.	Many TRs are in basement areas which are damp or show water intrusion. Is water abatement a portion of project scope? If not, will water abatement be performed before this project begins?	VA: General Contractor should be prepared to sample, mediate, and/or abate hazardous materials if encountered during demolition/construction tasks.
19.	Are there specific lighting specifications in TRs and/or work areas? Many locations are below BICSI/NEC thresholds- is lighting to be upgraded in this project scope?	A/E: Refer to division 26 51 00 specifications for lighting requirements in addition to the drawings.
20.	Please confirm the Superintendent shall not have any shared duties as a QCM or SSHO.	VA: Yes, that is correct. The Superintendent shall not have shared duties as a QCM or SSHO.
21.	Please confirm the SSHO shall not have any shared duties as a QCM or Superintendent.	VA: Yes, that is correct. The SSHO shall not have shared duties as a QCM or Superintendent.
22.	Please confirm the QCM shall not have any shared duties as the SSHO or Superintendent.	VA: Yes, that is correct. The QCM shall not have shared duties as the SSHO or Superintendent.
23.	Please confirm that all firestopping must be either installed by an FM global approved contractor, or a UL qualified firestop contractor certified.	VA: Yes, that is correct. A/E: Refer to the specifications.
24.	Please confirm that the contractor is to include the services of a third party independent firestopping inspector in their bid	VA: Yes, that is correct. A/E: Refer to the specifications.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
25.	Please confirm that firestopping installers accredited by a firestopping product manufacturer will not be approved by the VA unless they meet the FM global or UL qualifications referenced in section 07 84 00.	A/E: Refer to the specifications.
26.	Please confirm if there are any phase constraints between the tasks or work areas outlined in the RFP document. Will there be any facility-mandated constraints the contractor will have to take into account when sequencing work? Will the contractor be limited In the amount of rooms isolated simultaneously? If so, please provide an approximation of the amount of rooms the contract will be able to access at a time.	A/E: See Phasing Plan on sheet GI-003. This design phasing plan is not intended to replace a detailed means and methods of the General Contractor. It does provide a feasible overall plan that minimizes downtime for the VA. VA: The facility operates 24/7 and all construction work must have minimum impact to the operations of the facility.
27.	If rooms are required to be isolated in phases, will there be any downtime in the schedule between phases to allow the VA time for relocation of staff / equipment / devices.	VA: The VA has plans to have all affected staff, equipment, and belongings relocated prior to work within the new telecom rooms.
28.	Please confirm that contractor parking will be provided on site. This directly impacts pricing.	VA: The contractor is allowed to park in any of the designated parking lots across the facility but cannot parking any of the handicap, Veteran-only parking spaces, or Government-only parking spaces.
29.	Please confirm if this project is tax exempt. If so, will the VA provide the documentation to the prime contractor after award?	VA: This project is not tax exempt.
30.	Please confirm the contractor will be required to submit post award the requested information that the telecommunications contractor shall be a BICSI licensed Contractor with a minimum of five (5) years' experience installing and servicing systems of similar scope and complexity. The Contractor shall provide four (4) current references from clients with systems of similar scope and complexity which became operational in the past three (3) years. At least three (3) of the references shall be utilizing the same system components, in a similar configuration as the proposed system. The references must include a current point of contact, company or agency name, address, telephone number, complete system description, date of completion, and approximate cost of the project.	A/E: The contractor shall comply with any and all requirements called out in the specifications.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
31.	Please confirm that the telecommunications contractor must submit copies of system manufacturer certification for all technicians. The Contractor shall provide proof project superintendent with BICSI Certified Commercial Installer Level 1, Level 2, or Technician to provide oversight of the project.	A/E: The contractor shall comply with any and all requirements called out in the specifications.
32.	Please confirm cable installer must have on staff a Registered Communication Distribution Designer (RCDD) certified by Building Industry Consulting Service International (BICSI).	A/E: The contractor shall comply with any and all requirements called out in the specifications.
33.	Please confirm this project must meet the buy American act requirements.	VA: Yes, the contractor is required to ensure all materials, equipment, and product purchased abides by the Buy American Act requirements.
34.	Please confirm level 4 finish for all finished gypsum board including patches.	A/E: Use level 4 finish for all Gypsum Board, including patches.
35.	Are we required to use plenum rated cabling for all areas? Can we use riser rated cabling in non plenum spaces?	A/E: Refer to division 27 specifications for telecom cabling and pathway requirements in addition to the drawings.
36.	Will flexible metal conduit be allowed?	A/E: Refer to division 26 and 27 specifications for electrical and telecom pathway requirements in addition to the drawings.
37.	Please confirm the VA will be working and scheduling with the subsystem vendors on scheduling network outages.	VA: The VA is the lead for coordination of relocating equipment (leased/owned) from the existing data center to the new data center following commissioning of the new data center. The GC is required to have representatives present during the VA-led relocation meetings with the VA IPTs.
38.	Please define off hours, we assume off hours to be second shift work but need confirmation.	VA: Off hours are considered to be times after 4:30 pm on Monday thru Friday, weekends, and Federal holidays.
39.	Please confirm the normal working hours of this contract are to be assumed as normal working hours; 7:00 am-5:00 pm	VA: Normal working hours are Monday thru Friday, 7:00am – 4:30pm.
40.	Please confirm if there are any requirements to work off hours and define those definable features of work that the Facility or COR will require the contractor to work during off hours.	VA: Weekends and after hours work requires a 2-week notification and permission/approval from the VA COR to perform this work. The notification must have detailed information of the type of work being performed, how long the work is estimated to take, and who will be performing this work.
41.	Please confirm per section 01 00 00 that contractor is to provide a commercial photographer/subcontractor and that indexing/navigation will use AutoCAD drawings to be interactive online. Typically, this has been waived on most other VA projects as most facilities do not have the capabilities to utilize AutoCAD.	A/E: Per 01 00 00, photographic documentation is required for Building 151.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
42.	Please confirm the pre-determined intervals in which the photographic documentation is to be done.	A/E: Per 01 00 00 and coordinate with the COR.
43.	Can the contractor QC manager serve as the photographer if they meet the requirement of having experience photographing construction projects. The term “Commercial Photographer” is vague, has no licensing requirements or any other information required.	VA: Yes, it is fine for the QC Manager to serve as photographer as long as they meet the requirements.
44.	Can the QC manager serve as the photographer for the demonstration and training recordings? The term “Commercial Photographer” is vague, has no licensing requirements or any other information required.	VA: Yes, it is fine for the QC Manager to serve as photographer for the demonstration and training recordings.
45.	Will the VA consider allowing another site visit, as the original site visit was held very shortly after the release of the solicitation and many subcontractors are requesting another opportunity to look at the site.	VA: No, there will not be another site visit.
46.	Is there a proprietary fire alarm contractor at the facility? If so, please provide the company name and point of contact.	VA: Yes, Johnson Controls Inc.
47.	Is there a proprietary controls contractor at the facility? If so, please provide the company name and point of contact	VA: Yes, Johnson Controls Inc.
48.	Is there a proprietary security contractor at the facility? If so, please provide the company name and point of contact	VA: Yes, Johnson Controls Inc.
49.	For any grass or landscaping requiring restoration, will the contractor be responsible for watering and maintenance for a certain period of time after approval? If so, what is the length of the establishment / maintenance period?	A/E: Per 31 20 11, the contractor is responsible for landscaping maintenance until site stabilization and final acceptance by the COR. VA is responsible after acceptance.
50.	Is there an existing roof warranty for the roof system requiring modification as part of this project? If so, is the contractor required to uphold the existing warranty? If so, please provide the point of contact for the company that holds the existing warranty?	VA: No, there is not an existing roof warranty.
51.	Is it anticipated that unsuitable soil will be encountered on this project? If so, is the contractor responsible for removal and disposal of any unsuitable soils?	A/E: The contractor is responsible for removal and disposal of unsuitable soils if encountered.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
52.	Asbestos quantities are not given in the specs and don't seem to be shown on the drawings. Please confirm, is asbestos abatement required as part of this contract? If so, please provide indication of the quantities, types, and locations of ACM to be abated and removed.	VA: Information will be provided. A/E: General Contractor should be prepared to sample, mediate, and/or abate hazardous materials if encountered during demolition/construction tasks.
53.	Is lead based paint to be abated and removed as part of this project? If so, please provide indication of the quantities and locations lead-based paint is assumed to be existing within the work areas to be removed	VA: Information will be provided. A/E: General Contractor should be prepared to sample, mediate, and/or abate hazardous materials if encountered during demolition/construction tasks.
54.	Please confirm, where new data drops are to be provided at new wall area outlet locations, is the contractor responsible for providing all new backboxes, conduit, and associated pathways? Or can existing backboxes and conduit at drop locations be reused?	A/E: Refer to drawing sheet GI-003 for phasing notes and installation/construction procedures in addition to the Project manual.
55.	Please confirm, are all walls calling for new paint assumed to be required to be painted with 3 coats, seam-to-seam?	A/E: Paint per Finish Schedule and specifications.
56.	Please confirm, will all exterior underground cable runs require new maxcell 3-cell innerduct at pathways?	A/E: Innerduct is required for all exterior conduit runs. See drawing sheet TG-502 for more information.
57.	Are all exterior duct bank pathways to be provided as new? Are there any exterior duct bank pathways intended to be reused in place?	A/E: No existing exterior duct banks are intended to be reused for this project.
58.	Please confirm, is the prime contractor required to directly hire the controls system integrator?	VA: Yes, the GC is required to hire a controls system integrator.
59.	Is there a proprietary controls systems integrator at the facility? If so, please provide the company and point of contact	VA: See response for question 47.
60.	Please confirm, are HEPA carts sufficient for infection control when working above ceilings in hallways?	VA: Yes, this is sufficient.
61.	Ceilings in hallways are not shown. Is the contractor to assume all ceilings in hallways are ACT drop ceiling systems that can be removed and reinstalled for above-ceiling access as needed? If gypsum, plaster, or any alternative type of ceiling is anticipated to be present in the hallway and require removal and reinstallation for above-ceiling access, please provide a means of quantifying how much of each ceiling type to assume for bidding purposes.	A/E: Bidders are responsible for verifying existing conditions as part of their due diligence during the bidding process. If the condition observed differs materially from what is shown in the documents and could impact pricing or scope, please provide specific observations and supporting documentation (e.g., photos or measurements) so that we can evaluate the condition and determine if an addendum or clarification is warranted. At this time, bidders should base their proposals on the documents as issued, incorporating any conditions verified during their site visit.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
62.	Please confirm, is the contractor responsible for providing all new conduit and cable fire sleeves where new cable is fed into work areas?	A/E: See responsibility matrices on drawing sheet TG-001.
63.	Is flexible conduit allowed for new cable pathways where entering into work areas?	A/E: Refer to divisions 26 and 27 specifications for electrical and telecom pathway requirements in addition to the drawings.
64.	Telecom drawings (TD-Series) reference a “phasing narrative”. Where can this phasing narrative be found?	A/E: See drawing sheet GI-003.
65.	Please confirm, are all interior horizontal pathways to be removed and replaced with new? Is the contractor permitted to reuse any of the existing interior horizontal pathways for new fiber runs?	A/E: Provide new backbone and horizontal pathways as indicated on the Telecom drawings. Existing pathways shall be demolished as called out in the drawings.
66.	Please confirm, is all new interior horizontal cable to be provided with new cable trays or conduit in hallways?	A/E: Provide new backbone and horizontal pathways as indicated on the Telecom drawings. Existing pathways shall be demolished as called out in the drawings.
67.	Please confirm, is all horizontal cat6a cable from telecom rooms to data drops permitted to be installed using J-hooks rather than conduit or cable trays (with exception of vertical conduit required at drop locations).	A/E: Provide new backbone and horizontal pathways as indicated on the Telecom drawings. Existing pathways shall be demolished as called out in the drawings.
68.	Is maxcell innerduct require for interior backbone cable within conduit?	A/E: Refer to drawing sheet TG-001 General Note #21.
69.	Telecom drawings seem to be contradictory. A general note on page TG001 says that the contractor is to remove cable and jacks, but allow horizontal conduit to remain for reuse. TD-Series drawings all seem to indicate all horizontal pathways to be removed in entirety. Please clarify.	A/E: The only existing horizontal pathways that can be reused if possible are the existing WAO backboxes and WAO conduit stub-ups. All other horizontal and backbone pathways shall be new.
70.	Wall type B13 is shown throughout the new Data Center on page A-151.2, but now wall detail is shown for type B13. Please provide partition wall details for all wall types.	A/E: See attached detail for wall type B13 to be used in the Data Center only.
71.	Are new TR rooms to receive new room identification signage as part of this contract?	A/E: TR signage by VA. VA: New TRs that are taking the place of existing offices will reutilize existing signage. New signage will be needed for new TRs that are splitting an existing space.
72.	Are new Fire extinguisher cabinets to be provided near all new TR rooms as part of this contract?	A/E: No, the TR should be more than 75’ away from a carbon dioxide or clean agent fire extinguisher. No extinguisher should be inside a telecom room.
73.	Is the contractor to provide new floor finish in room 116A and 200? If so, what type?	A/E: No.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
74.	"Alternate No. 1" is indicated on plumbing drawing P-151.2 and P-151.3, however no alternative option line items are included in the CLIN schedule. Please clarify what this note on P-151.3 and P-151.2 is intended to indicate.	A/E: Base bid to be gravity drain. Refer to civil plans for base bid. If forced main is required due to building construction price Alternate No.1. VA: The solicitation will be amended to include the alternate.
75.	Buildings 1, 3, and 137 will require roof modifications to accommodate new roof-mounted condensing units, however no details regarding the existing roof system appear to be included in the documents. Please provide further details regarding the type of roof that exists on each of these buildings.	A/E: Buildings 1, 3, and 137 have flat roofs. Details for roof mounted equipment can be found on drawing sheet M-001.
76.	Is there a current roof warranty that the contractor will be required to maintain (specifically for buildings 1, 3, and 137)? If so, please provide the company name and point of contact that holds the existing warranty.	VA: See response for question 50.
77.	Schedule of Special Inspections is referenced in the specifications but does not seem to be included in the contract docs. Please provide a schedule of special inspections.	A/E: See attached Schedule of Special Inspections.
78.	Key note (1) says REMOVE ALL HORIZONTAL PATHWAYS, CONDUIT, CABLE TRAY, CABLING, OUTLET BOXES, FACEPLATES, JACKS, PATCH PANELS, AND EQUIPMENT THROUGHOUT THIS LEVEL. CABLE SHALL BE REMOVED FROM END TO END TO INCLUDE ALL TERMINATIONS. NO ABANDONED CABLE SHALL BE LEFT IN PLACE. ALL EXISTING END USER EQUIPMENT CONNECTED TO EXISTING HORIZONTAL INFRASTRUCTURE (COMPUTERS, PHONES, WIRELESS ACCESS POINTS, ETC.) SHALL REMAIN IN PLACE AND BE CONNECTED TO THE NEW HORIZONTAL PERMANENT LINK AT THE TIME OF CUTOVER PRIOR TO DEMOLITION. The keynote is shown in the hallways in the drawing, but it does not show what is in those areas-Can you confirm we are only demoing what is down in dark lettering.	A/E: In addition to the WAOs shown on the TD sheets, the contractor shall also remove all pathways, conduit, cable tray, etc. As indicated in the keynote.
79.	Please confirm that all face plate will be 4 port with blanks.	A/E: Refer to drawing sheet TG-504 and division 27 specifications for faceplate requirements.
80.	Drawings show cable tray with no additional information- Is the cable tray new? If so is there a size preference?	A/E: Cable tray shall be sized in accordance with the drawings and specification section 27 05 36: 2.1.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
81.	Is there a requirement for fiber tray in the MCR to separated the back bone fiber and production fiber- If you can details be provided	A/E: The OSP backbone fiber that is routed to the TRs is to be installed in the 18" x 4" cable tray. The fiber routed within the MCR (MDA-HDA-Server) shall be installed in the 4" x 4" fiber optic cable tray.
82.	The sheet note says to provide a diverse path- The drawings do not identify the preferred path. Please identify the A and B path in the buildings.	A/E: Pathways indicated comprise of both the A and B pathways. It is the contractor's responsibility to install the cabling in a manner that meets the diversity and survivability requirements.
83.	The specification includes integrating electronic security systems into the existing systems- In prior projects the security systems where to be provided by the existing integrator. Is that the case on this project as well?	VA: It is the contractor's responsibility to integrate the new security equipment into the VA's existing security system. Coordinate with the COR and VA Police for access to the existing security system.
84.	The specification includes integrating electronic security systems into the existing systems. Can you provide the names of the existing electronic security equipment manufacturers? Is there existing space on the NVR for the addition of cameras?	A/E: Existing video surveillance system is Avigilon. Existing access control and intrusion detection systems are Software House iStar CCURE. VA: Contractor is responsible for the procurement of a new NVR. The NVR make is Avigilon.
85.	Please confirm, are underground duct banks to be concrete encased in entirety? Or only when crossing roadways or driveways?	A/E: All exterior duct banks shall be constructed of reinforced concrete. See Telecom T333-3 for construction detail. Refer to sheet TG-501.
86.	Are there any historical areas or obstacles that we need to be aware of?	A/E: Much of the campus is in a historical zone. The new data center building is not.
87.	Are there any sensitive environmental areas that need to be protected?	VA: All disturbed environmental areas need to be restored back to previous conditions.
88.	Any outside areas off limits to crews?	A/E: Memorial Garden shall be protected from damage/disturbance during all phases of construction. Use caution when demolishing the Greenhouse building adjacent to protect garden walls and plants from damage or debris.
89.	Will there be any permitting requirements?	A/E: Disturbed area of project is over 1-acre, so an Alabama Erosion and Sediment Control permit will be required. VA: Permits must be obtained from VA Safety for any confined space, trenching, and hot work being done in this project.
90.	What are the workdays/hours?	Monday thru Friday, 7:00am – 4:30pm. VA is closed on all Federal Holidays and if the federal holiday falls on a weekend, then the day proceeding or falling after the holiday is an off day. Weekends and after hours work requires a 2-week notification and permission/approval from the VA COR to perform this work.
91.	Any noise restrictions?	A/E: Noise restrictions included in specifications.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
92.	What are the Base Standards for Softscape Restoration? Seed and Straw?	A/E: See the Landscaping Sheet CS104 and accompanying specifications for permanent site stabilization (seed, sod, plantings). See sheet C-503 and C-504 for typical ADEM details. See erosion control notes and details, general notes, and site notes for more information.
93.	Base Standards on Hardscape Replacement - Concreate – Patch and Replace Section? - Asphalt – Patch or Repave in entirety.	A/E: Remove and replace full sections of concrete paving/curb and gutter/road between joints. Asphalt demolition in full sections, sawcut clean/straight and remove full sections for duct bank/utility construction. Asphalt roads should be fully repaved entirely. Asphalt trails should also be fully repaved entirely. Roadways constructed to Alabama DOT standards for rigid and flexible pavement. Soil compaction, asphalt and concrete, aggregate shall meet Alabama DOT standards for roadway construction.
94.	Are there any requirements for storing equipment or material while not in use on the property?	A/E: Requirements for storage are included in the specifications.
95.	Are there any specific requirements around safety besides the standard practice?	A/E: Contractor shall observe all standard protections, including but not limited to, utility construction, utility locates, work around active utilities (electrical/sanitary/water lines/storm/etc.), trenching protections for construction of the duct bank and other underground utilities: exits, trench boxes, setback excavated soil from edge of open trenches, control access to any open trench at all times, mark and enclose trenches inside construction fence, etc. Safety of workers, visitors, and staff is paramount for all exterior excavations and utilities work.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
96.	ET series drawings for CCTV camera. Bid spec documents do not specify what system is currently in place for this project, please answer the following questions: -What is the manufacturer of the current video management system? -What version/existing is the current video management system operating? -Are we expected to support version upgrades as part of this contract? -Are there sufficient existing licenses to support the new cameras? -Are the cameras to be 2MP pan/tilt/zoom or fixed dome? -Is there a current vendor/installer of this system that we can contact Please provide contact information	A/E: Existing video surveillance system is Avigilon. It is the contractor's responsibility to provide new licenses for any new device shown. VA: The current Avigilon version that the VA is 7.3. The cameras are to be dome. The vendor/installer is Johnson Control, Inc.
97.	ET series drawings for card reader/pin pad. Bid spec documents do not specify what system is currently in place for this project, please answer the following questions: -What is the manufacturer of the current access control system. -What version/existing software is the access control system operating. -Are we expected to support the version? updates as part of the contract? -Are the licenses sufficient to support the new doors? -Is there any existing integration between the access control and CCTV systems? -Is there a current vendor/installer of this system that we can contact? Please provide contact information	A/E: Existing access control and intrusion detection systems are Software House iStar CCure. It is the contractor's responsibility to provide new licenses for any new device shown. VA: There is no existing integration between the access control and CCTV systems. The current version for access control is 2.8. Contractor is responsible for procuring the latest license version of the Software House iStar CCure system. The vendor/installer is Johnson Control, Inc.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
98.	Is there an allowance of Cat 6A cables & 1 1/4" data rough-in that should be carried within the Div.26&27 pricing? Some previous requirements on other projects requested 5-10% additional Cat 6A cables and 1 ¼" data rough-in cover what may have been missed during design. Please advise.	A/E: This project includes a one for one replacement of the existing horizontal cabling infrastructure from the telecom rooms to the work area outlets. The contractor shall assume an additional 10% (above and beyond what is currently shown on the drawings) for horizontal cabling and horizontal cabling connections (faceplates, jacks, patch panel ports, conduit, backboxes, etc.). The contractor is also required to perform their own site survey sometime after award but before installation to determine the final horizontal cabling counts from each telecom room.
99.	Existing Fire Alarm System - Q: Is there a current maintenance vendor/installer of this system that we can contact? Please provide contact information.	VA: Yes, Johnson Controls, Inc.
100.	Existing Nurse Call System. - Q: Is there a current maintenance vendor/installer that we can contact? Please provide contact information.	VA: No, there is not. Not sure how the Nurse call system has anything to do with this EHRM project.
101.	Is conduit required for grounding conductors running/installed ceiling & risers?	A/E: Refer to division 27 specifications for pathway requirements.
102.	Spec. 27 05 33 D calls for Rigid or IMC in wall & above ceiling installation. - Q1: Clarification are all new WAO to be installed in rigid/IMC? -Q2: Can EMT be expected for installation for all WOA above ceiling/in walls?	A/E: Pathways shall be provided as required in the specifications.
103.	TN-plan calls for 4" pathway for A&B backbone, plan notes does not state if it is EMT, Rigid or IMC. Spec. 27 05 33 D calls for Rigid or IMC in wall & above ceiling installation. - Q1-Clarification are all A&B backbone pathway to be installed rigid/IMC. - Q2-Can EMT be expected for installation of all A&B backbone above ceiling/in walls	A/E: Pathways shall be provided as required in the specifications.
104.	Is there a requirement for x-ray scanning of concrete floor slabs prior to core drilling for floor-to-floor sleeves/conduits?	A/E: Refer to the specifications.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
105.	Is there a location where site asphalt and concrete can be stored/separated? Can this material be removed from the site once per week?	A/E: Laydown area can provide storage for demolished asphalt and concrete. Coordinate access and available space with COR. VA: Location of laydown area is being provided. The contractor's spoil pile shall be contained within the contractor's designated spot. Spoil pile may be removed from the site once per week but shall not exceed a month without removal of unsuitable.
106.	Will soil testing be performed prior to construction, to determine if any soils are contaminated?	A/E: A geotechnical investigation was conducted during design and contaminated soils were not located.
107.	Is there a location where spoil dirt can be stored?	VA: See response for question 105.
108.	Is there a specific location that will be used as a laydown yard during construction?	VA: See response for question 10.
109.	Will erosion control plans be provided?	A/E: Erosion and sediment control plans are provided as part of civil site plan for duct banks and datacenter building. See sheet C-503 and C-504 for erosion control and stabilization details.
110.	Has there been any boring samples/test made for duct bank pathway/trench to determine subsurface condition?	A/E: Soil borings and geotechnical reports are provided in the project specifications.
111.	WAO-There are no prints that indicate new locations. Is this a 1 for 1 replacement for existing cables?	A/E: New WAOs are shown on the TN series sheets.
112.	Is there required a full survey of every room/above ceiling? If so, who dictates the outlet location and quantity of cables per location?	A/E: New WAOs are shown on the TN series sheets.
113.	Can the government provide a quantity of CAT6 A cables that need to be installed by TR? Please provide a Drop Count Matrix that needs to be provided.	A/E: This information is shown on the TN series sheets.
114.	What is the drop count of each coverage zone? If it is a 1 for 1 swap, how many existing drops are in each coverage zone?	A/E: New WAOs are shown on the TN series sheets.
115.	Is there a count and length for Cat6A patch cords?	A/E: The contractor shall provide (1) patch cord for every wired port within each rack/cabinet. For example, if there is a 48-port fiber patch panel in a rack/cabinet the contractor shall provide a patch cord to cover all 48-ports. If there is a 48-port copper patch panel, the contractor shall project 48 copper patch cords. Contractor shall assume that every patch needs to reach any location with the associated cabinet. There will be no patch cords that leave one rack/cabinet to go to another rack/cabinet.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
116.	Are we to provide one patch cable for each station and closet end?	A/E: See response for question 115.
117.	Is there a count and length for Fiber Patch cords?	A/E: See response for question 115.
118.	Are we to provide patch cables for each pair of strands at each end?	A/E: See response for question 115.
119.	Is there any copper backbone (25-pair or larger) needed?	A/E: New backbone cable information is shown on the TN series sheets.
120.	Please provide Hazardous Materials Survey.	A/E: No known hazardous materials were identified.
121.	Please clarify details for Column 1 on S-151.100. Please confirm how the column is attached to the slab.	A/E: The columns are not anchored to the slab. The columns are anchored to the footing as indicated in details B3 and B5 on drawing sheet S-151.401.
122.	Drawings show cable tray with no additional information- Is the cable tray new? If so, is there a size preference?	VA: See response for question 80.
123.	Can you confirm that all face plates will be 4 ports with blanks.	VA: See response for question 79.
124.	It appears that the cameras are existing in the TRs and are just being moved. Can you confirm they are new or existing?	A/E: If a device on the TN sheets is not noted as existing or shown as half-tone, then it is new.
125.	Is there a requirement for fiber tray in the MCR to separate the backbone fiber and production fiber-If you can details be provided.	VA: See response for question 81.
126.	TN149.1A - Sheet note says to provide a diverse path. The drawings do not identify the preferred path. Can you identify the A and B path in all buildings.	VA: See response for question 82.
127.	Access Control, Video and IDS equipment - During the walk through the question was asked about existing security equipment. It was stated that you must match the existing site equipment. Can you provide the existing equipment already in place on-site?	A/E: Existing Access Control and Intrusion Detection Systems are Software House iStar CCURE. New licenses shall be provided for any new device shown.
128.	Existing security network rooms - There are several locations listed as a dual use space. That would be IT and Security. There are switches for each system in those rooms. Where the IT switches are moving to another location. Is it the intent to leave the security switches in place?	A/E: Relocating existing security switches are not in the scope of this project.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
129.	Existing security network rooms - Along with switches in those same rooms, there is access and control equipment. Will that equipment stay in place or be moved to an additional location?	A/E: New electronic security scope is shown on the TN series drawings.
130.	Existing security network rooms - If current security equipment lines/equipment are damaged/removed during construction, would that be considered part of this project to replace?	A/E: Yes, the contractor is responsible for replacing any equipment that they damage. VA: At no cost to the government.
131.	Would the department owner of the security systems be available to go over system availability and connections prior to project starting?	A/E: This information is not required as part of the bidding process. It will be provided by the VA after award. VA: Coordinate with VA COR for a meeting with VA Police.
132.	Can you supply information on existing panel capacity for Access and Video systems?	A/E: Existing Access Control and Intrusion Detection Systems are Software House iStar CCURE. Existing Video Surveillance System is Avigilon. New licenses shall be provided for any new device shown.
133.	If any security system capacity has been reached or would be reached in some areas, would mitigation be considered part of this project?	A/E: Existing Access Control and Intrusion Detection Systems are Software House iStar CCURE. Existing Video Surveillance System is Avigilon. New licenses shall be provided for any new device shown.
134.	Based on initial design, will changes in pathways be considered if it is found to be more advantageous to the security systems layout and possibly be more cost effective?	A/E: This will be considered on a case-by-case basis. For bidding purposes what is shown on the IFC documents shall be provided.
135.	LAN network - In section 28 13 00 and 28 23 00, it mentions that new equipment is to be placed on existing LAN. Can you provide the network map that indicates where that network is established?	A/E: This information is not required as part of the bidding process. It will be provided by the VA after award. VA: Coordinate with VA COR for a meeting with VA Police.
136.	LAN network - Is all security equipment on a stand-alone LAN network? If so, can you list the components of that network and available expansion?	A/E: This information is not required as part of the bidding process. It will be provided by the VA after award. VA: Coordinate with VA COR for a meeting with VA Police.
137.	Video server - Would a new video server be needed to support the additional cameras for the project?	A/E: Existing video surveillance system is Avigilon. New licenses shall be provided for any new device shown. VA: Contractor is responsible for the procurement of a new NVR. The NVR make is Avigilon.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
138.	Network switches - Will any new network switches be required for any of the new security products?	A/E: New electronic security scope is shown on the TN series drawings. VA: For buildings without existing network switches, contractor is responsible for procurement.
139.	Network switches - If they are required, can you supply the exact model number of the switches needed?	A/E: Refer to division 27 and 28 specifications and the TN series drawings for new equipment. VA: Network switch model: Cisco 9300
140.	Drawing TD149.1 Key note (1) says REMOVE ALL HORIZONTAL PATHWAYS, CONDUIT, CABLE TRAY, CABLING, OUTLET BOXES, FACEPLATES, JACKS, PATCH PANELS, AND EQUIPMENT THROUGHOUT THIS LEVEL. CABLE SHALL BE REMOVED FROM END TO END TO INCLUDE ALL TERMINATIONS. NO ABANDONED CABLE SHALL BE LEFT IN PLACE. ALL EXISTING END USER EQUIPMENT CONNECTED TO EXISTING HORIZONTAL INFRASTRUCTURE (COMPUTERS, PHONES, WIRELESS ACCESS POINTS, ETC.) SHALL REMAIN IN PLACE AND BE CONNECTED TO THE NEW HORIZONTAL PERMANENT LINK AT THE TIME OF CUTOVER PRIOR TO DEMOLITION.- The keynote is shown in the hallways in the drawing, but it does not show what is in those areas-Can you confirm we are only demoing what is down in dark lettering.	VA: See response for question 78.
141.	Drawing TN149.1A Can you confirm that all face plate will be 4 port with blanks.	VA: See response for question 79.
142.	Drawing TN149.1A Drawings show cable tray with no additional information- Is the cable tray new? If so is there a size preference?	VA: See response for question 80.
143.	Drawing TN149.1A It appears that maybe the cameras are existing in the TRs and are just being moved. Can you confirm they are new or existing? If the camera are to be moved and need to be reprogrammed or adjusted can you confirm whose scope that is?	VA: See response for question 124.
144.	Drawing TN149.1A Is there a requirement for fiber tray in the MCR to separated the back bone fiber and production fiber- If you can details be provided?	VA: See response for question 125.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
145.	Drawing TN149.1A The sheet note says to provide a diverse path- The drawings do not identify the preferred path. Can you identify the A and B path in the buildings?	VA: See response for question 126.
146.	Specification Div 28 The specification includes integrating electronic security systems into the existing systems- In prior projects the security systems where to be provided by the existing integrator. Is that the case here as well?	VA: See response for question 83.
147.	Specification Div 28 The specification includes integrating electronic security systems into the existing systems. Can you provide the names of the existing electronic security equipment manufacturers? Is there existing space on the NVR for the addition of cameras?	VA: See response for question 84.
148.	ET series drawings for CCTV camera. Bid spec documents do not specified what system are currently in place for this project, please answer the following questions: a. What is the manufacturer of the current video management system? b. What version/existing is the current video management system operating? c. Are we expected to support version upgrades as part of this contract? d. Are there sufficient existing licenses to support the new cameras? e. Are the cameras to be 2MP pan/tilt/zoom or fixed dome? f. Is there a current vendor/installer of this system that we can contact Please provide contact information	VA: See response for question 96.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
149.	ET series drawings for card reader/pin pad. Bid spec documents do not specified what system are currently in place for this project, please answer the following questions: a. What is the manufacturer of the current access control system. b. What version/existing software is the access control system operating. c. Are we expected to support the version? updates as part of the contract? d. Are the sufficient licenses to support the new doors? e. Is there any existing integration between the access control and CCTV systems? f. Is there a current vendor/installer of this system that we can contact? Please provide contact information	VA: See response for question 97.
150.	Existing Fire Alarm System. a. Q- Is there a current maintenance vendor/installer of this system that we can contact? Please provide contact information	VA: See response for question 99.
151.	Existing Nurse Call System. a. Q- Is there a current maintenance vendor/installer of this system that we can contact? Please provide contact information	VA: See response for question 100.
152.	Is conduit required for grounding conductors running/installed ceiling & risers?	VA: See response for question 101.
153.	Spec. 27 05 33 D calls for Rigid or IMC in wall & above ceiling installation. Q1-Clarification all new WAO to be installed in rigid/IMC Q2-Can EMT be expected for installation for all WOA above ceiling/in walls.	VA: See response for question 102.
154.	TN-plan calls for 4” pathway for A&B backbone, plan notes does not state if it is EMT, Rigid or IMC. Spec. 27 05 33 D calls for Rigid or IMC in wall & above ceiling installation. Q1-Clarification on all A&B backbone pathway to be installed rigid/IMC. Q2-Can EMT be expected for installation of all A&B backbone above ceiling/in walls.	VA: See response for question 103.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
155.	Is there a requirement for x-ray scanning of concrete floor slabs prior to core drilling for floor-to-floor sleeves/conduits?	VA: See response for question 104.
156.	Is there a location where site asphalt and concrete can be stored/separated? Can this material be removed from the site once per week?	VA: See response for question 105.
157.	Will soil testing be performed prior to construction, to determine if any soils are contaminated?	VA: See response for question 106.
158.	Is there a location where spoil dirt can be stored?	VA: See response for question 107.
159.	Is there a specific location that will be used as a laydown yard during construction?	VA: See response for question 108.
160.	Will erosion control plans be provided?	VA: See response for question 109.
161.	Has there been any boring samples/test made for duct bank pathway/trench to determine subsurface condition?	VA: See response for question 110.
162.	WAO-There are no prints that indicate new locations. Is this a 1 for 1 replacement for existing cables?	VA: See response for question 111.
163.	Is there required a full survey of every room/above ceiling? If so, who dictates the outlet location and quantity of cables per location?	VA: See response for question 112.
164.	Can the government provide a quantity of CAT6 A cables that need to be installed by TR? Please provide a Drop Count Matrix that needs to be provided.	VA: See response for question 113.
165.	What is the drop counts of each coverage zone? If it is a 1 for 1 swap, how many existing drops are located in each coverage zone?	VA: See response for question 114.
166.	Is there a count and length for Cat6A patch cords?	VA: See response for question 115.
167.	Are we to provide one patch cable for each station and closet end?	VA: See response for question 116.
168.	Is there a count and length for Fiber Patch cords?	VA: See response for question 117.
169.	Are we to provide patch cables for each pair of strand at each end?	VA: See response for question 118.
170.	Is there any copper backbone (25-pair or larger) needed?	VA: See response for question 119.
171.	Is cable tray shown as new or existing?	A/E: All devices, equipment and pathways shown on the TN series drawings are new unless noted otherwise. VA: See response for question 80.
172.	Cable tray sizing is not shown.	A/E: Cable tray shall be sized in accordance with the drawings and specification section 270536 2.1.
173.	Is there any existing cable tray to be removed/reused?	A/E: See TD series sheets keynote #1.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
174.	Please confirm that the VA will provide the use of power and water to the contractor at no cost for this project.	A/E: Refer to the specifications.
175.	Please confirm that the VA will require an SSHO be present for each shift if multiple shifts are worked in a day.	VA: Yes, the SSHO is required to be present.
176.	If the drawings do not identify new control panels for the PAC devices, should the contractor assume a new standalone control panel will be required to support each new PAC device.	A/E: Existing connections and new PAC devices are shown on the TN series sheets.
177.	Will the VA require escorts for all work to be performed within a Telecommunication Room? If so, does the VA have a sufficient number of escorts available to allow for the work to be performed and completed by the contract completion date?	VA: Yes, the VA requires escort for work in all existing telecom rooms that are getting renovated. Any new telecom rooms will not require escort until equipment is moved into the new space.
178.	Will the VA allow workers to be in a Telecommunication Room or Server Room without an escort if the individual has passed the VA OIT background check and has a badge?	VA: No, escorts are required will working in telecommunication rooms and/or server rooms.
179.	Because the work is being performed throughout multiple buildings and areas on campus the level / classification infection control parameters will vary. For bidding purposes, please share the level/classification for each area or building or alternatively provide a baseline assumption that can be applied to all areas.	A/E: See drawing sheet GI-004 and Architectural sheets.
180.	It has been this contractor's experience that multiple shifts are required to complete similar EHRM projects in a timely manner. Will the VA allow the contractor to work more than one shift during a 24-hour period?	VA: The contractor is required to submit a request to work over hours so that it can be arranged for someone to oversee the contractor's work.
181.	Will coordination drawings be required to be submitted for approval by the VA prior to installing cable tray or other raceways?	A/E: Refer to division 27 specifications for shop drawings and submittal requirements.
182.	Please confirm that existing legacy communication cable that is disconnected when the new CAT 6A cable is installed must be removed from the wall jack all the way back to the TR Room equipment rack. It will not be acceptable to abandon the disconnected cable in place or above the ceiling.	A/E: Demolition requirements are called out in the T series sheets, G series sheets, and project manual.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
183.	Drawings for CCTV cameras & Bid spec documents do not specify what Camera system is currently in place for this project, please answer the following questions: a. Who is the manufacturer of the current video management system? What is the current version? b. On what existing software version is the current video management system operating? c. Are we expected to support version upgrades as part of this contract? d. Are there sufficient existing Camera Licenses to support the new cameras? e. Are the cameras to be 2MP pan/tilt/zoom or fixed dome? f. Is there a current vendor/installer of this system that we can contact? e. is there a main Video Server or are NVR's in use? f. What is the preferred camera brand, megapixel, stationary, PTZ, VF? g. Will the VA provide all Network switches? h. Is there an existing SSA in place for VIDEO, and who is vendor servicing SSA? i. Is there an existing interface between VIDEO & Access Control	VA: See response for question 96.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
184.	Drawings for card reader/pin pad, & Bid spec documents specify LENEL: a. What is the current Brand of Access Control? What is the current version? What is the current Build? b. What is the existing software version of the access control system operating? c. Are we expected to support version updates as part of this contract? d. Are there sufficient Access Control Software licenses to support the new doors? e. Is there any existing integration between the access control and CCTV systems? f. IF so, what is the base platform (Access Control or Video) that operate both? g. Is there a current vendor/installer of this system that we can contact? h. Is there an existing SSA in place for Access Control, and who is vendor servicing SSA? i. Are there existing software licenses available from the VA that can be used for new reader / Controllers? j. Does new access control need to be FICAM Compliant? Is there a current FICAM License? k. Is CESIP Certification required? l. Is there an existing interface between Access Control & Video m. Who is the desired manufacturer of the card Readers to be installed?	VA: See response for question 97.
185.	Will the owner accept Procore Project Management software as the primary submittal and data tracking tool for this project?"	VA: Procore is acceptable.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
186.	As a result of the effect of COVID-19 throughout the U.S., and the resulting Federal, State and local governments' responses / requirements of safe distancing and potential advocations of working remotely and/or complete organization closures, please advise how the Government intends to address delays resulting there as it pertains to the current solicitation schedule for this and all future projects.	VA: Federal administration considers COVID19 complete. Business as usual.
187.	Is this project tax exempt, and will the CO/COR provide the necessary tax-exempt certificates.	VA: See response for question 29.
188.	What is the approximate duration between issuing the award and issuing the NTP?	VA: NTP will be released at the discretion of the post-award CO and typically coincides with the Pre-Construction meeting.
189.	For planning the preliminary project schedule, can you please provide an anticipated award date?	VA: Estimating July 30, 2025
190.	The contractor feels this project warrants a separate SSHO Super, but the specifications section 01 35 26 para. 1.7 mentions that SSHO can have collateral duties as a site superintendent. Can a requirement for an SSHO separate from the project's superintendent be added to the required staffing plan?	VA: See response for question 21.
191.	The contractor feels this project warrants a QA/QC Super, but the specifications section 01 45 00 para. 3.4.B states that CQC has duties as a superintendent. Can a requirement for a QA/QC manager separate from the project's superintendent be added to the required staffing plan?	VA: See response for question 22.
192.	How many calendar days should be included in the critical-path method schedule for owner and A/E review and respond to RFIs?	A/E: Per specification 01 33 23, 14 calendar days.
193.	How many calendar days should be included in the critical-path method schedule for owner and A/E submittal review?	A/E: Per specification 01 33 23, 14 calendar days.
194.	Will the Government provide the 3-D REVIT Design model in native file format, for the creation of coordination drawings?	VA: CAD files will be provided.
195.	Will the owner provide the contract drawings in the native Revit format for use by the GC?	VA: See response for question 194.
196.	Will owner require GC's to develop and submit coordination drawings in Revit?	VA: CAD is preferred.
197.	Will the owner provide as-built drawings for the existing structures/work area of the project?	VA: As-builts will be provided.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
198.	Where will the designated parking & laydown area be for workers accessing the construction site?	VA: See response for questions 10 and 28.
199.	Can the owner please provide a single drawing that clearly states floor to ceilings heights for the construction area? This is used to ensure that the above ceiling utilities will fit in the above ceiling space.	A/E: Bidders are responsible for verifying existing conditions as part of their due diligence during the bidding process. If the condition observed differs materially from what is shown in the documents and could impact pricing or scope, please provide specific observations and supporting documentation (e.g., photos or measurements) so that we can evaluate the condition and determine if an addendum or clarification is warranted. At this time, bidders should base their proposals on the documents as issued, incorporating any conditions verified during their site visit.
200.	Will the contractor be authorized to build a temporary office inside the space in lieu of renting an office trailer for the duration of the project?	VA: No, the contractor is responsible for procuring an office trailer.
201.	Does the contract include liquidated damages?	VA: No
202.	How many site visits do owner consultants have for MEP and systems coordination with GC?	A/E: There are 8 site visits planned for the AE during construction period services.
203.	Has the work area been checked for asbestos, lead based materials and/or other hazardous materials? Is there a report available?	VA: See response for question 15.
204.	What is the Government's policy if asbestos products are encountered during construction which is not quantified in the construction documents?	VA: See response for question 15.
205.	The specifications section 05 12 00 para 1.5 states that AISC (American Iron and Steel Certification) certification is required for the structural steel fabrication and erection for this project. Will any substitute certification be acceptable?	A/E: No. AISC certification of structural steel supporting the roof of the Data Center is required.
206.	Please confirm that the owner will provide fire watch during the period of time that the fire suppression system is not in service.	VA: Coordinate with the COR, VA Police, and VA Safety.
207.	Can you confirm that the owner will be contracting directly with a third-party commissioning agent for commissioning the project and that the Contractor is only to include participation/coordination with the Commissioning Agent?	VA: The VA is responsible for contracting a third-party commissioning agent.
208.	Can the existing service and/or public elevators be used for construction activities? Are there any restrictions or time constraints?	VA: The use of all elevators will need to be coordinated with the COR as these elevators will need to be used by our Veterans and VA staff.
209.	Where is the designated contractor job site trailers and employee parking?	VA: See response for question 10. Coordinate with VA COR on location for job site trailer.
210.	Where is the designated contractor area for trash dumpsters?	VA: In the contractor laydown area. See attached pdf for laydown area location.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
211.	The sewer force main alternate #1 is not shown in the bid form but requested by keynote 4 on CS105 and keynotes 4-6 on CS201. Please provide an updated bid form or confirm to ignore force sewer main alternate 1.	VA: The solicitation will be amended to include the alternate.
212.	CS105 keynote 3 shows the new water service to Data Center building to be picked up in 2 places. Please clarify the POC of the new water service to existing water service.	A/E: Connections are for domestic supply and fire suppression. So (2) separate connections are required.
213.	CS507 detail 6 note 3 states to match existing style and depth. Please provide lamp post foundation style and dimensions for bidding purposes.	
214.	A-001 through A-149 pages TR General Note 4 states all rooms to receive 12x12 ESD conductive static control resilient floor tile. However, keynotes 1-42 on the same pages do not reference ESD flooring in any of the TR rooms. Moreover, the Finish Schedule on A-601 lists two types of floor finishes (LVT-1 and SC). Unfortunately, the Room Finish Schedule is absent and there is no clear direction outlining which rooms receive what floor finish (for example floor finish at various vestibule and storage rooms, etc.). Please provide a Room Finish Schedule or a Room Finish Plan that outlines the floor finish in each individual room.	A/E: All Telecom Rooms (TRs) will receive antistatic tiles; LVT-1. A floor finish plan is provided for B151, the new Data Center. Match existing in all other areas impacted by construction.
215.	A-001 through A-149 pages TR General Note 4 states all rooms to receive 12x12 ESD conductive static control resilient floor tile. However, there is no room finish plan for each room. Specifically, Bldg 1 Ground Floor TR Room #1 has a ramp and numerous existing floor-mounted equipment to remain. Please provide a finish floor plan that outlines whether LVT-1 flooring needs to be installed over the ramp and under the floor-mounted equipment to remain.	A/E: All Telecom Rooms (TRs) will receive antistatic tiles; LVT-1. A floor finish plan is provided for B151, the new Data Center. Match existing in all other areas impacted by construction.
216.	A-001 through A-149 pages TR General Note 4 states all TR rooms to receive 12x12 ESD conductive static control resilient floor tile. However, detail 1 on A-001.4.1 (Demolition Floor Plan Level 04) states to remove tile flooring and patch and repair with salvaged tile. Moreover, this room is missing the keynote 2 (remove all existing flooring). Please clarify the new floor finish at rooms 430 and 431 and clarify if LVT-1/SC needs to be installed over the existing tile flooring.	A/E: All Telecom Rooms (TRs) will receive antistatic tiles; LVT-1. A floor finish plan is provided for B151, the new Data Center. Match existing in all other areas impacted by construction.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
217.	In numerous areas, this project requires building new partition walls that separate previously continuous space (for example, the new wall at Bldg 1 Level 3, the new wall at the Conference room of Bldg 137 Level 2, and the new wall at the Retail Storage Bldg 38 Ground Level). Unfortunately, the floor plan does not show the new base or flooring on the non-TR room side. Please clarify the flooring, base, and wall finish information for newly formed rooms and the extent of those finishes or provide plans that show this information.	A/E: Contractor to match existing.
218.	Page A-137.4.2 detail 3 shows to infill the existing door at the existing restroom and to cut in a new door in restroom (no room number). However, there are no wall elevations available to outline the extend of wall finish repair at door infill and at the new door of this restroom. Please provide restroom elevations.	A/E: Bidders are responsible for verifying existing conditions as part of their due diligence during the bidding process. If the condition observed differs materially from what is shown in the documents and could impact pricing or scope, please provide specific observations and supporting documentation (e.g., photos or measurements) so that we can evaluate the condition and determine if an addendum or clarification is warranted. At this time, bidders should base their proposals on the documents as issued, incorporating any conditions verified during their site visit.
219.	Details 1, 2, 6, and 8 on page A-301 show various wall types. Details 1 and 2 call partitions C3 and C5. Detail 8 shows a “typical” new wall. The floor plans on pages A-001 through A-149 do not show any wall types and page A-151.2 shows wall type B-13. Please clarify which wall type to use at which rooms.	A/E: The AE did not have access to perform destructive investigation to verify existing wall construction types. Typical wall details were provided based on available documentation and reasonable assumptions of standard construction practices. It is recommended that the contractor verify existing conditions in the field and notify the AE of any discrepancies. A detail for wall type B13, used in the Data Center only, is attached.
220.	Page A-001.2 keynote 13 states to prepare windows for concealment. Please clarify the appropriate preparation needed to conceal the existing window.	A/E: Keynote 13 should read: EXISTING WINDOW TO REMAIN. DEMOLISH TRIM AND PREPARE WINDOW FOR BLACKOUT FILM AND CONCEALMENT. Keynote 22 should read: EXISTING WINDOW TO REMAIN. CLEAN AND APPLY BLACKOUT FILM. ENCLOSE WINDOW WITH METAL STUD AND 5/8” GYPSUM BOARD FINISHED FLUSH TO ADJACENT SURFACES. PROVIDE TWO 4”X8” VENTS, ONE EACH AT HEAD AND SILL.
221.	Pages A-001 through A-149 do not show any new signage. Please confirm to exclude new signage at buildings 1-149 or provide appropriate signage plan, schedule, and sign type details.	VA: See response for question 71.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
222.	Page A-147.A.1 detail 4 shows keynote 34 "construct lid". Detail 1 on A-147.A.2 does not clarify the underside finish of "lid." Please clarify the ceiling finish at Bldg 147 Attic TR room (similar condition occurs at Bldg 12 Level 1 and Bldg 146 Attic).	A/E: Ceiling should be 5/8" Type X Gyp. Bd.
223.	The new data center appears to have a restroom. However, there are no elevations for the restroom and restroom accessories information is missing. Please provide elevations and restroom accessories schedule for Toilet 105 at the new Data Center.	A/E: See attached pdf document for standard mounting heights and JSN numbers for Toilet accessories.
224.	This solicitation includes specification section 07 81 00 Applied Fireproofing. Please clarify the extent of fireproofing required on this project.	A/E: Per 07 81 00, applied fireproofing is required for new structural steel and where existing fireproofing is disturbed. See Structural and Architectural drawings for Building 151.
225.	This solicitation includes specification section 02 82 13 Asbestos Abatement. Please provide asbestos testing report outlining the extent of asbestos removal on this project.	VA: See response for question 15.
226.	The solicitation instruction para. 2.8.3 requires GCs to submit attachment 17 - Division Cost Breakdown. This Excel attachment has numerous tabs (a tab for each division) and each tab requests a detailed breakdown of labor and material costs, including the quantity of man-hours, price per man-hour unit, and each material item including the unit pricing and quantities. Such a breakdown would be extremely cumbersome. Please confirm that as part of this submission, the GC needs to complete only the Summation tab (breakdown of costs by each division).	VA: Please provide a breakdown of division costs on the summation page when you submit your proposal. The individual DIV sheets do NOT need to be filled out. The Government reserves the right to ask questions and ask vendors to provide additional pricing information if there is not a clear market value across multiple proposals. The goal of the worksheet is to aid the government in assessing inconsistent pricing, if any exist, and explain the discrepancies in the analysis for award.
227.	Please clarify whether this project will require a Storm Water Pollution Prevention Plan (SWPPP) and associated weekly/rain-event inspections.	A/E: Project will require erosion control permits and SWPPP Associated weekly/rain-event inspections as required under the permit and plans. The City of Tuscaloosa is the permitting authority for all land disturbance activities during the construction process.
228.	What type of CAT cable will be decommissioned?	A/E: There are various types of existing CAT cable that will be demolished. Refer to TD sheets for the telecom demolition scope.
229.	Does the owner have an existing network diagram with existing cabled lengths? - This would facilitate us building the new CAT6A cables to match.	A/E: No.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
230.	ET series drawings for CCTV camera. Bid spec documents do not specify what systems are currently in place for this project. Please provide additional information regarding the existing system, including the manufacturer of the current video management system.	VA: See response for question 96.
231.	Please clarify what version/existing is the current video management system operating?	VA: See response for question 96.
232.	Are we expected to support version upgrades as part of this contract?	VA: See response for question 96.
233.	Are there sufficient existing licenses to support the new cameras?	VA: See response for question 96.
234.	Are the cameras to be 2MP pan/tilt/zoom or fixed dome?	VA: See response for question 96.
235.	Is there a current vendor/installer of CCTV system that we can contact? Please provide contact information.	VA: See response for question 96.
236.	ET series drawings for card reader/pin pad. Bid spec documents do not specify what systems are currently in place for this project. Please provide additional information regarding the existing system, including what is the manufacturer of the current access control system.	VA: See response for question 97.
237.	What version/existing software is the access control system operating?	VA: See response for question 97.
238.	Are we expected to support the version updates as part of the contract?	VA: See response for question 97.
239.	Are there sufficient licenses to support the new doors?	VA: See response for question 97.
240.	Is there any existing integration between the access control and CCTV systems?	VA: See response for question 97.
241.	Is there a current PACS vendor/installer of this system that we can contact? Please provide contact information.	VA: See response for question 97.
242.	Is there an allowance of Cat 6A cables & 1 ¼" data rough-in that should be carried within the Div.26&27 pricing? Some previous requirements on other projects requested 5-10% additional Cat 6A cables & 1 ¼" data rough-in to cover what may have been missed during design. Please advise.	VA: See response for question 98.
243.	Is there a current maintenance vendor/installer for the existing fire alarm system that we can contact? Please provide contact information	VA: See response for question 99.
244.	Is there a current maintenance vendor/installer of Nurse call system that we can contact? Please provide contact information.	VA: See response for question 100.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
245.	Is conduit required for grounding conductors running/installed ceiling & risers?	VA: See response for question 101.
246.	Spec. 27 05 33 D calls for Rigid or IMC in wall & above ceiling installation. Q1-Clarification all new WAO to be installed in rigid/IMC Q2-Can EMT be expected for installation for all WOA above ceiling/in walls.	VA: See response for question 102.
247.	TN-plan calls for 4" pathway for A&B backbone, plan notes does not state if it is EMT, Rigid or IMC. Spec. 27 05 33 D calls for Rigid or IMC in wall & above ceiling installation. Q1-Clarification on all A&B backbone pathway to be installed rigid/IMC. Q2-Can EMT be expected for installation of all A&B backbone above ceiling/in walls.	VA: See response for question 103.
248.	Is there a requirement for x-ray scanning of concrete floor slabs prior to core drilling for floor-to-floor sleeves/conduits?	VA: See response for question 104.
249.	Is there a location where site asphalt and concrete can be stored/separated? Can this material be removed from the site once per week?	VA: See response for question 105.
250.	Will soil testing be performed prior to construction, to determine if any soils are contaminated?	VA: See response for question 106.
251.	Is there a location where spoil dirt can be stored?	VA: See response for question 107.
252.	Is there a specific location that will be used as a laydown yard during construction?	VA: See response for question 108
253.	Has there been any boring samples/test made for duct bank pathway/trench to determine the subsurface condition?	VA: See response for question 110.
254.	WAO-There are no prints that indicate new locations. Is this a 1 for 1 replacement for existing cables?	VA: See response for question 111.
255.	Is there required a full survey of every room/above ceiling? If so, who dictates the outlet location and quantity of cables per location?	VA: See response for question 112.
256.	Can the government provide a quantity of CAT6 A cables that need to be installed by TR? Please provide a Drop Count Matrix that needs to be provided.	VA: See response for question 113.
257.	What is the drop counts of each coverage zone? If it is a 1 for 1 swap, how many existing drops are located in each coverage zone?	VA: See response for question 114.
258.	Is there a count and length for Cat6A patch cords?	VA: See response for question 115.
259.	Are we to provide one patch cable for each station and closet end?	VA: See response for question 116.
260.	Is there a count and length for Fiber Patch cords?	VA: See response for question 117.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
261.	Are we to provide patch cables for each pair of strand at each end?	VA: See response for question 118.
262.	Is there any copper backbone (25-pair or larger) needed?	VA: See response for question 119.
263.	Single line drawing on E-151.501 Detail 1 shows to connect to existing medium voltage loop previously serving demolished greenhouse. Please provide engineered drawings showing the point of connection existing medium voltage, feeder sizes, conduit sizes, and any other pertinent information to accomplish this scope.	A/E: Partial Electrical Site Plan – Building 151 will be provided in an attached drawing.
264.	Single line drawing on E-151.501 Detail 1 shows a new transformer. Unfortunately, the electrical site plan is missing and this transformer is not shown on the civil drawings. Moreover, there is no information regarding this transformer (kVa, PRI, SEC, etc.) Please provide civil drawings/electrical site plan, or power company's engineered drawings that depict the transformer location, transformer size, meter info, transformer pad size, etc.	VA: See response for question 263.
265.	Single line drawing on E-151.501 Detail 1 shows new 12470-volt switch. Please provide more information on this switch, it's location on site plan, feeders to and from the switch, and any other pertinent information.	VA: See response for question 263.
266.	CS102 keynote 14 shows to remove and replace lamp post; however, this information is missing from the electrical drawings. Please provide pertinent electrical information to replace this light (for example, circuitry and conduit info, location of adjacent lights on this light circuit, etc.)	A/E: CS102 keynote 14 states to "Build new concrete base, reinstall lamp posts removed/stored by contractor." See 6/C-507 for typical lamp post installation. Match existing concrete bases to reinstall existing lamp posts.
267.	Civil drawings (page CS105 keynote 4) mentions an alternate for sewer force pump. There is no electrical information for this alternate on electrical drawings showing power requirements, conduit, and circuitry for this force pump. Please provide pertinent information to price out this scope.	A/E: Civil drawings (page CS105 keynote 4) states " (Bid Alternate 1) install 2" force main sanitary line...". No mention of sewer force pump. See Sheet CS201 for additional information on bid alternate and location of force main pump manhole.
268.	The door schedule on A-601 shows 8' doors at Building 151. From our experience with other EHRMs, 8' high doors were not needed and made things very difficult throughout the project. Unless the corresponding doors in the building are 8'0", the only room that truly needed to be 8'0" is the main server room. Please clarify if you want 8' doors or if 7' high doors at data center (Bldg 151) would be acceptable.	A/E: All doors in Bldg. 151 shall be 8'.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
269.	Please clarify if these plans depict enough data switches for cutovers or provide updated design showing the correct data switch quantities.	A/E: Refer to drawing sheet TG-001 “Telecom Scope of Work Responsibility Matrix” row 1.
270.	Please clarify if Starc panels can be used in lieu of drywall/metal stud framed temporary ICRA walls.	VA: Starc panels are an acceptable replacement.
271.	Do you know if there will be any heavylift crawler crane needs on the demo and data center (tilt-wall) aspects of this one?	A/E: This will be a part of the General Contractor’s means and methods.
272.	Architectural drawings A-001 through A-149 for existing TR rooms show that new walls need to extend to the underside of the roof structure. Unfortunately, numerous TR rooms have various ducts, conduits, wiring, and piping in the way of the proposed walls. Would it be possible for GCs to “box” around these obstructions? If not, please clarify the VA’s preferred method of addressing the conflict of constructing new full-height walls around existing obstructions like pipes, wires, ducts, and conduits.	A/E: AE accounted for these conditions in the drawings. GC is required to notify the COR of any conditions that conflict with the drawings.
273.	Specification section 34 71 13 para 1.1.A.2 mentions “removable anti-ram RATED vehicle barriers” when describing the bollards adjacent to the new data center. Unfortunately, civil drawings CS102 keynotes 5 and 6 and civil details 3 and 4 on page C-506 do not specify any rating for vehicle barriers but merely specify a concrete-filled steel bollard with a concrete footing (and a stainless bollard for a removable bollard). Please clarify if permanent and removable bollards need to be rated as per the specifications or if they need to be per Civil details 4 and 5 on C-506. If rated, please specify the necessary rating.	A/E: It was designed to meet PU40 P1 crash which is a 4000lb vehicle going 30 mph.

ITEM NO.	QUESTION	GOVERNMENT RESPONSE
274.	According to the drawing on page number TN456 of the Telecommunications General and New Work prints, keynotes 3 and 4 show that there are 6 conduits that go to TMH09 and 6 that go to TMH07. On page TG003, there are a total of 105 fiber cables. According to TG502, each conduit pathway (A and B in building 151) can support up to 9 cables each. If we are to run these with the main fiber run and the redundant run using separate pathways, there will be multiple areas where there will be too many fiber runs per available conduit, or where the redundant run must run alongside the main run. Can you provide us with specific pathways for each fiber run through each exterior conduit run from each respective target building to the data center?	A/E: Maximum fill ratio for the OSP ducts is 40%. The average 24-strand OS2 Indoor/Outdoor fiber cable is between 0.45" and 0.55". This will allow for between 21 and 32 cables to be installed in each 4" duct not 9 cables. More than 1 cable is allowed to be installed in each fabric-mesh innerduct cell. It is up to the contractor to determine which cables will be installed in each duct. The design includes ample routing and pathway options in order to install the primary and redundant backbone cabling in a diverse manner as required by the contract documents.
275.	What are the pathways for the two 144 SM OS2 OSP fiber runs from building 003 to the data center? (TG003 Keynotes 2&3)	A/E: The (2) 144 OS2 temporary fiber cables shall utilize the pathways indicated on TG002 and TG004-TG004.F

SOLICITATION, OFFER, AND AWARD (Construction, Alteration, or Repair)	1. SOLICITATION NUMBER	2. TYPE OF SOLICITATION	3. DATE ISSUED	PAGE OF PAGES
	36C77625R0025	☐ SEALED BID (IFB) ☒ NEGOTIATED (RFP)	03-11-2025	1 86

IMPORTANT - The "offer" section on the reverse must be fully completed by offeror.

4. CONTRACT NUMBER	5. REQUISITION/PURCHASE REQUEST NUMBER	6. PROJECT NUMBER
		679-20-104

7. ISSUED BY	CODE	8. ADDRESS OFFER TO
Department of Veterans Affairs Program Contracting Activity Central 6100 Oak Tree Blvd, Suite 490 Independence OH 44131	36C776	Department of Veterans Affairs Program Contract Activity Central 6100 Oak Tree Blvd, Suite 490 Independence OH 44131

9. FOR INFORMATION CALL:	a. NAME	b. TELEPHONE NUMBER (Include area code) (NO COLLECT CALLS)
	Dawn Schydzik	dawn.schydzik@va.gov

SOLICITATION

NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder".

10. THE GOVERNMENT REQUIRES PERFORMANCE OF THE WORK DESCRIBED IN THESE DOCUMENTS (Title, identifying number, date)

In accordance with 38 U.S.C. § 8127 (Public Law 109-461), this procurement is set aside for SDVOSBs in a trade off evaluation approach.

The contractor shall provide all tools, equipment, materials, labor, supervision, and personnel, and shall do all things necessary, that will result in the completion of the EHRM Infrastructure Upgrades construction project, in accordance with the attached Specifications and Drawings.

This project is located at:
Tuscaloosa VA Medical Center (VAMC)
3701 Loop Road
East Tuscaloosa, AL 35404

VAAR Magnitude of Construction: $20,000,000 to $50,000,000
NAICS Code 236220 and PSC Y1BG

Contractor is required to fill in Unique Identifier in Block No. 14 on Standard Form (SF) 1442.
All references in the Specs and Drawings to CLIN shall be replaced with the term "Line Item".

PLEASE NOTE: The Contractor agrees to attend any Post Award Conference convened by the contracting activity or contract administration in accordance with Federal Acquisition Regulation subpart 42.5.

11. The Contractor shall begin performance within 10 (TEN) calendar days and complete it within 730 calendar days after receiving ☐ award, ☒ notice to proceed. This performance period is ☒ mandatory ☐ negotiable. (See 52.211-10).

12a. THE CONTRACTOR MUST FURNISH ANY REQUIRED PERFORMANCE AND PAYMENT BONDS? (If "YES," indicate within how many calendar days after award in Item 12B.)	12b. CALENDAR DAYS
☒ YES ☐ NO	10 (Ten)

13. ADDITIONAL SOLICITATION REQUIREMENTS:

a. Sealed offers in original and 0 (ZERO) copies to perform the work required are due at the place specified in Item 8 by 3:00pm CDT (hour) local time 04-22-2025 (date). If this is a sealed bid solicitation, offers must be publicly opened at that time. Sealed envelopes containing offers shall be marked to show the offeror's name and address, the solicitation number, the date and time offers are due.

b. An offer guarantee ☒ is, ☐ is not required.

c. All offers are subject to the (1) work requirements, and (2) other provisions and clauses incorporated in the solicitation in full text or by reference.

d. Offers providing less than 90 (NINETY) calendar days for Government acceptance after the date offers are due will not be considered and will be rejected.

OFFER (Must be fully completed by offeror)

14. NAME AND ADDRESS OF OFFEROR (Include ZIP Code)	15. TELEPHONE NUMBER (Include area code)
	16. REMITTANCE ADDRESS (Include only if different than Item 14.)
CODE FACILITY CODE	

17. The offeror agrees to perform the work required at the prices specified below in strict accordance with the terms of the solicitation, if this offer is accepted by the Government in writing within _____ calendar days after the date offers are due. (Insert any number equal to or greater than the minimum requirement stated in Item 13d. Failure to insert any number means the offeror accepts the minimum in Item 13d.)

AMOUNTS	

18. The offeror agrees to furnish any required performance and payment bonds.

19. ACKNOWLEDGMENT OF AMENDMENTS

(The offeror acknowledges receipt of amendments to the solicitation -- give number and date of each)

AMENDMENT NUMBER										
DATE.										

20a. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER (Type or print)	20b. SIGNATURE	20c. OFFER DATE

AWARD (To be completed by Government)

21. ITEMS ACCEPTED:

22. AMOUNT	23. ACCOUNTING AND APPROPRIATION DATA

24. SUBMIT INVOICES TO ADDRESS SHOWN IN (4 copies unless otherwise specified)	ITEM	25. OTHER THAN FULL AND OPEN COMPETITION PURSUANT TO ☐ 10 U.S.C. 2304(c)( ) ☐ 41 U.S.C. 3304(a) ( )
26. ADMINISTERED BY 36C776 Department of Veterans Affairs Program Contracting Activity Central 6100 Oak Tree Blvd, Suite 490 Independence OH 44131		27. PAYMENT WILL BE MADE BY VAFSC Department of Veterans Affairs Financial Services Center Invoices to be Submitted Electronically https://www.fsc.va.gov/einvoice.asp e-Invoice Setup Info Phone 877-489-6135 PHONE: 877-353-9791 FAX: 512-460-5429

CONTRACTING OFFICER WILL COMPLETE ITEM 28 OR 29 AS APPLICABLE

☐ 28. NEGOTIATED AGREEMENT (Contractor is required to sign this document and return _____ copies to issuing office.) Contractor agrees to furnish and deliver all items or perform all work requirements identified on this form and any continuation sheets for the consideration stated in this contract. The rights and obligations of the parties to this contract shall be governed by (a) this contract award, (b) the solicitation, and (c) the clauses, representations, certifications, and specifications incorporated by reference in or attached to this contract.	☐ 29. AWARD (Contractor is not required to sign this document.) Your offer on this solicitation is hereby accepted as to the items listed. This award consummates the contract, which consists of (a) the Government solicitation and your offer, and (b) this contract award. No further contractual document is necessary.
30a. NAME AND TITLE OF CONTRACTOR OR PERSON AUTHORIZED TO SIGN (Type or print)	31a. NAME OF CONTRACTING OFFICER (Type or print) Jennifer Braaten

30b. SIGNATURE	30c. DATE	31b. UNITED STATES OF AMERICA BY	31c. AWARD DATE

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A.3 PRICE/COST SCHEDULE

ITEM INFORMATION

ITEM NUMBER	DESCRIPTION OF SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	Contractor shall supply all materials, supervision, and labor to complete Project 679-20-104 EHRM Infrastructure Upgrades – Tuscaloosa, AL per contract drawings and specifications. Work includes the demolition, installation, and new upgrades of the following infrastructure: Electrical (electrical panel upgrade, power (normal and emergency)), Bonding, UPS, Overhead power distribution in new Data Center, Building Management System interfaces, HVAC, expansion, and renovation of existing space, communication (Data outlets, patch panels, upgrade to Cat 6A cable), physical security upgrades, fiber infrastructure backbone campus wide within and between buildings, install diversified path to new Data Center for WAN, hazardous material abatement, demolition of Greenhouse Building 101, and construction of new stand-alone Data Center Building 151. • Greenhouse Building 101: Work includes the demolition of existing Greenhouse Building 101, all existing utilities, site features, and septic system connected to the building. • New Data Center Building 151: Work includes but not limited to civil site work, mechanical enclosures, walls, new sidewalks, site grading, drainage system, utility connections, landscaping, signage, and new gravity sewer pipe with manholes. New physical security features such as reinforced concrete ram-proof wall, fix-in-place bollards, and removable bollards. • New Fiber duct bank network: Work includes but not limited to demolition and replacement of various site hardscapes such as asphalt roads, parking lots, concrete sidewalks, landscaping, signage, lighting, etc. • Building locations include: 1, 2, 3, 4, 5, 6, 12, 17, 18, 38, 39, 40, 41, 46, 61, 63,101, 135, 137, 138, 143, 145, 146, 147, 149, 151, and site. Contract Period: Base POP Begin: **730 calendar days from NTP** POP End:	1.00	JB	_____	_____
0002		1.00	JB	_____	_____

	ALTERNATE NO.1: BASE BID except gravity feed changed to lift pump. In the event that gravity sewer is found to be not constructable due to conflict with existing utilities, a force main/lift pump is to replace the gravity connection for the new Data Center (Building 151). Contract Period: Base POP Begin: **730 calendar days from NTP** POP End:				
0003	BID DEDUCT NO.1: BASE BID except Remove from the construction of Building 151, both gable roofs, all balustrades, both entablatures, and all columns. Contract Period: Base POP Begin: **730 calendar days from NTP** POP End:	1.00	JB	_____	_____
			GRAND TOTAL		_____

NOTICE

1. **Line Item 0001 and 0002 (Base)** contains all the work for this project.
2. Offerors must provide a lump sum price for **Line Item 0001 and 0002 (Base) and 0003 (Deduct).** Failure to do so may render their offeror as unacceptable.
3. Summation of **CLINs 0001 and 0002 (Base**). If federal funding is limited, the Government will then consider all three CLINs including the deduct for a grand total to make an award. Pricing shall be submitted in **whole dollar values.** Please do **NOT** include pricing in cents.
4. Contractor is required to fill in their Unique Entity Identifier number associate with SAM.gov in Block No. 14 on Standard Form (SF) 1442.
5. PLEASE NOTE: The Contractor agrees to attend any Post Award conference convened by the contracting activity or contract administration in accordance with Federal Acquisition Regulation subpart 42.5.

INFORMATION REGARDING PROPOSAL MATERIAL, BID GUARANTEE AND BONDS

1.1 BID MATERIAL:

Proposal materials consisting of drawings, specifications, and contract forms are included and/or attached as part of this Request For Proposal (RFP). The VA will not provide printed copies of drawings or specifications. It is the responsibility of the offeror to obtain the proposal materials in a time and manner sufficient to respond to this solicitation by the specified due date.

1.2 BID GUARANTEE:

A Bid Guarantee, Standard Form 24 (SF 24), is required in an amount not less than 20 percent of the proposal price but shall not exceed $3,000,000. Failure to furnish the required bid guarantee in the proper form and amount, by the time set for receipt of proposals, may result in the proposal being deemed unacceptable. Copies of the SF 24 may be obtained from https://www.gsa.gov/forms.

1.3 PAYMENT & PERFORMANCE BONDS:

The offeror to whom award is made will be required to furnish two bonds. A Payment Bond shall be provided on Standard Form 25A (SF 25A) and a Performance Bond shall be provided on Standard Form 25 (SF 25). Both bonds shall be submitted in accordance with FAR 52.228-15 Performance and Payment Bonds - Construction. Copies of SFs 25A and 25 may be obtained from https://www.gsa.gov/forms.

1.4 TAXES:

Contractor must take into account FAR 52.229-3; "Federal, State and Local Taxes" and its Special Note in their pricing. The FAR clause and its Special Note provide guidance on taxes being applied to pricing.

INSTRUCTIONS, CONDITIONS, AND OTHER STATEMENTS TO OFFERORS

2.1 AVAILABILITY OF SOLICITATION DOCUMENTS

All solicitation-related documents will be published to Contract Opportunities at https://sam.gov/.

2.2 REQUEST FOR PROPOSAL:

This is a Request for Proposal (RFP) in accordance with FAR Part 15. Award will be made to the offeror whose proposal represents the "best value" to the Government utilizing a **Trade-offs** method of evaluation.

An offer must be determined to meet the minimum requirements technically based on Factor 1-Past Performance submitted by the offeror in relevancy and confidence ratings compared with the SOW, Specs and Plans. The responsibility determination will be made in accordance with FAR 9.1, Responsible Prospective Contractors. All proposals shall be subject to evaluation by a team of Government personnel. The Government reserves the right to award without discussions based upon the initial evaluation of the proposals.

Evaluations will be based on the following evaluation factors:

1. Factor 1 Past Performance
2. Factor 2 Price

2.3 SDVOSB SET-ASIDE

This procurement is a 100% set-aside for Service-Disabled Veteran-Owned Small Business (SDVOSB) concerns. Offers received from other than SDVOSBs will not be considered. All SDVOSBs **must be listed as "certified"** by the Small Business Administration (SBA) Veteran Small Business Certification (VetCert). Offerors must be certified in the SBA VetCert database (Veteran Small Business Certification (sba.gov)) at the time of proposal submission through the time of award. Failure to be certified from the time of proposal submission through the time of award will result in the offeror's proposal being rejected.

2.4 PRE-PROPOSAL SITE VISIT:

A formal site visit has been scheduled for this project. This will be the only opportunity for potential offerors to visit the site. All potential offerors, subcontractors, and suppliers are strongly encouraged to attend this site visit.

All attendees are to meet at the following location:

Tuscaloosa VAMC
3701 Loop Road
East Tuscaloosa, AL 35404
Building 5 Conference Rm. 210

At the following date and time: *Wednesday, March 19, 2025, at 9:00 AM (CST)*

If further direction is needed, please call to 205-554-2000 ext.3035.

2.5 TECHNICAL QUESTIONS:

Questions of a technical nature must be submitted by prospective offerors via e-mail to: Dawn.Schydzik@va.gov and Jennifer.Braaten@va.gov . The subject line of each e-mail must read: **EHRM Infrastructure Upgrades Construction project at the Tuscaloosa VAMC - *Technical Questions.*** Oral questions of a technical nature are not acceptable due to the possibility of misunderstanding or misinterpretation. **THE CUT-OFF DATE AND TIME FOR RECEIPT OF QUESTIONS IS Friday, March 28, 2025, at 3:00 PM CST.**

2.6 AMENDMENTS

Amendments to this solicitation will be posted at https://sam.gov/. Paper copies of the amendments will NOT be individually mailed. No other notification of amendments will be provided. Potential offerors are advised that they are responsible for obtaining and acknowledging any amendments to the solicitation. Failure to acknowledge an amendment may result in a proposal being considered ineligible for award as incomplete.

2.7 PREPARATION OF PROPOSALS

The Government will not pay for any costs incurred in the preparation and submission of proposals.

2.8 PROPOSAL REQUIREMENTS

A. **General:**

1. **Proposal Submission:** Offerors must submit their proposals via e-mail to Dawn.Schydzik@va.gov and Jennifer.Braaten@va.gov. Proposals must be based on solicitation documents issued for RFP number 36C77625R0025. Proposals will be in the format set forth in this document. Proposals shall be received on or before the date and time specified in Block 13 of the SF 1442. There will be no public opening of the proposals. Only proposals submitted by email will be accepted. Hard-copy proposals will not be accepted.

B. **Proposal Format:**

1. Technical, Price and Administrative sections of the Offerors proposals will be evaluated independently; therefore, the Offeror must submit the proposal in three (3) Volumes: Volume I Technical, Volume II Price and Volume III Administrative. Offerors must send Volumes I, II and III as attachments in separate e-mails. Each volume must be labeled with the Offeror's organization, business address, and VA Solicitation Number. Each volume must be submitted as searchable PDF documents attached to an e-mail. Portions of proposals submitted via drop-box, hyperlink, or format rather than a searchable PDF attached to an email will not be considered, which may render the proposal incomplete. The proposal, in its entirety, shall not exceed three (3) e-mails (one e-mail for each volume). Each e-mail, including its attachments, must be less than 5MB in size. Offerors must Include page numbers and its company name in the header or footer of each page of all attachments.
2. **Volume I Technical:** Offerors shall format Volume I Technical proposal as listed below. The specific evaluation criteria and methodology is below.
    a. Volume I, Technical must include a title page, detailed table of contents and preface Volume I Technical shall be submitted in one (1) PDF document for Volume I Technical and shall not exceed a total of **50** pages. The title page, table of contents and preface are excluded from the page limits. Offerors must not include any price or price related material in the Volume I Technical proposal. Use

graphic presentations where such use will contribute to the compactness and clarity of the proposal.

b. A page is defined as each face of an 8.5 X 11-inch sheet of paper with 1-inch margins around the page perimeter containing information. All information (except for document numbers, page numbers, etc.) must be provided in an image area of 7 X 9 inches. The background color of each page of the submission shall be white or ivory stock and each page shall count as one (1) page. Excess pages will not be evaluated. Text lines must be single-spaced, and proposals shall be submitted using Times New Roman, with font no smaller than 12 point with normal proportional spacing. A smaller font size for any graphics presented in a proposal is permitted as long as the information is legible to the human eye. Fonts other than Times New Roman are permissible in the presentation of graphic material only.

c. The Offeror's proposal must address each evaluation factor and subfactor listed in this solicitation. Failure to submit a proposal in the format required that addresses each factor and subfactor may result in the proposal being deemed ineligible for award.

3. **Volume II Price:** Offerors shall provide a breakdown of their base bid line item on the price breakdown form provided as a solicitation **attachment 17**. Offerors shall provide pricing on each line item on the SF1442 continuation price sheet. Note: In accordance with (IAW) FAR 28.101-1, a bid-bond is required; therefore, a performance and payment bond is required. Offerors shall format the Volume II Price proposal as listed below. The specific evaluation criteria and methodology is below.
    - **a.** Volume II Price shall not exceed a total of **FIFTY (50**) pages in Times New Roman size 12 font.
    - **b.** Offerors shall complete the Price Schedule in part A of this solicitation.
    - **c.** Offerors shall ensure the Signed Standard Form (SF) 1442 is provided. Offerors shall acknowledge receiving amendments by filling out section 19 of the SF 1442.
    - **d.** Bid Guarantee: The Offeror shall furnish a bid guarantee as stipulated in the solicitation (see **FAR 52.228-1**). Pricing shall be Firm Fixed Price. The bid guarantee shall be provided on Standard Form 24. The bid bond shall be submitted as part of the electronic submission. In accordance with Class Deviation from the Federal Acquisition Regulation to Eliminate Hard Copy Original Documents, Signatures, Notarization, Seals on Bonds, and Other Seals for Certain Contract Requirements issued by the VA Executive Director, Office of Acquisition and Logistics and the Senior Procurement Executive on May 11, 2020, the requirement for an original bond, with the original signatures, notarization and seals has been eliminated.
    - **e.** Failure to furnish the required bid guarantee on the proper form and for the proper amount by the time specified in Block 13 of SF 1442, may result in rejection of the proposal.
4. **Volume III Administrative Information:** If an offeror fails to include all of the below information in its proposal, then the proposal may be deemed incomplete and ineligible for award.
    - **a. Representations & Certifications:**
      As the provision at FAR 52.204-7 is included in the solicitation, FAR 52.204-8 (d) applies and the fill-in for FAR 52.204-8 (b)(2) does not need to be completed. The offeror is required to complete the annual representations and certifications electronically at https://www.sam.gov.

b. **Representation Regarding Certain Telecommunications and Video Surveillance Services or Equipment:**
Offeror shall provide their response to FAR 52.204-24 (d) Representation.

c. **Information Regarding Responsibility Matters:**
Offeror shall provide their response to FAR 52.209-7 (b) Information Regarding Responsibility Matters.

d. **Violation of Arms Controls Treaties or Agreements:**
Offeror shall provide their response to FAR 52.209-13 (b) Violation of Arms Controls Treaties or Agreements.

e. **Tax on Certain Foreign Procurements – Notice and Representation:**
The offeror shall provide their response to **FAR 52.229-11 (d)**.

f. **Post Award Small Business Program Representations:**
Offeror shall provide their response to FAR 52.219-28 (h), if applicable.

g. **Limitations on Subcontracting:**
The offeror shall complete and sign the VA Notice of Limitations on Subcontracting - Certificate of Compliance for Services and Construction required in VAAR 852.219-75 and return it with their proposal submission attached as a separate document (**Limitations on Subcontracting Attachment - 13**). The completed and signed form will become part of the official award documentation.

h. **Notice to SDVOSB Joint Venture/Mentor Protegee:** Any offeror submitting a proposal as a joint venture must provide a certification from each SDVOSB joint partner, signed by an authorized official of each partner to the joint venture, stating that the parties to the joint venture (1) have entered into a joint venture agreement that fully complies with paragraph (c) of 13 CFR § 128.402 and (2) will perform the contract in compliance with the joint venture agreement. Failure to submit the certification with the offeror's proposal, may result in the rejection of the proposal.

C. **Technical Proposal Requirements**: The proposal must address the following submission requirements for Factor 1 Past Performance.

1. Factor 1 The Past Performance evaluation will assess the relative risks associated with an Offeror's likelihood of success in fulfilling the solicitation's requirements as indicated by that Offeror's record of past performance. In this context, "Offeror" refers to the proposed prime SDVOSB. A single past performance rating will be based on the total package submitted by the offeror.

   The Government will conduct a performance risk assessment based on the relevancy and recency of the Offeror's past performance, as it relates to the probability of successful accomplishment of the required effort for project #679-20-104. Offerors are cautioned that the Government will review available past performance data available in the Contractors Performance Assessment Reporting System (CPARS). The Government reserves the right to obtain past performance information from any available source and may contact customers other than those identified by the Offeror when evaluating past performance.

   The Government will review aspects of the offeror's past performance by the final costs, project schedule, and performance. Areas to be evaluated may include but are not limited to quality of construction service, timeliness of performance or

adherence to performance schedules, controlling project cost, and/or effectiveness in program management (to include use and control of subcontractors).

Per FAR 15.305(a)(2)(iv), an Offeror without a record of relevant past performance or for whom information on past performance is not available, the Offeror may not be evaluated favorably or unfavorably on past performance.

Recent Successful Past Performance: Offerors are required to provide their recent, substantially complete (>75% complete), successful performance under contracts that demonstrate performance of telecommunications infrastructure to standards equal or similar to the VA Infrastructure Standard for Telecommunication Spaces (ISTS) and construction. Similar in the scope of work related to the Tuscaloosa VAMC scope of Project #679-20-104, as the prime contractor within the last six (6) years from the date this solicitation was issued.

Offeror shall provide a detailed summary of the most recent three (3) projects that includes:

1. Owner Government Agency/Company which awarded contract and their contact information (Name, Title, Telephone Number, Email);
2. Contract Number;
3. Location (physical address) of project performance;
4. Project Name;
5. Project Description (Details of construction requirements, challenges, and solutions);
6. Project Cost and Cost Control Measures (original and final contract costs, contract mods, cost containment measures, value engineering, etc.);
7. Project Performance Period (Initial and actual, schedule impacts and efficiencies); and
8. Subcontractors (Name, Roles, Responsibilities, Percent of work).
9. In addition, for each project submitted, Offerors shall provide a narrative that describes recent successful performance in the construction of infrastructure upgrades similar in scope of work to “Project 679-20-104 EHRM Infrastructure Upgrades – Tuscaloosa, AL. Information shall include details on complexity, magnitude, challenges, and degree of success. Offeror is encouraged to include supporting documents such as photographs that support the narrative. The narrative should discuss items such as challenges with schedule, unforeseen site conditions, or other unusual factors, and provide details on how the offeror overcame those challenges.

Since the Government may not necessarily interview all the sources provided by the Offerors, it is incumbent upon the Offerors to explain the relevance of the data provided. Offerors are reminded that the burden of proving low performance risk rests with the Offerors.

D. **Volume II – Price Proposal Requirements**

Offerors shall provide a breakdown of their base bid line items and deductive alternative line item on the price breakdown form provided as a solicitation **Attachment 17**. Offerors shall provide pricing on each line item on the SF1442 continuation price sheet. Note:

Note: In accordance with FAR 28.101-1, this solicitation requires both a bid guarantee and a performance and payment bond.

To be eligible for award, Offerors are required to be SDVOSB certified by SBA.

- 2-page SF1442 completed and signed by the signatory authority. The signature shall be a wet signature, and then the document may be scanned and submitted electronically. Microsoft Word "signatures" in different fonts, digital signatures, and scanned jpeg signatures are not allowed. All blocks under section "OFFER" on page 2 of SF1442 (Item 14 thru 20C) shall be completed.
- SF1442 Continuation Price Sheet and Price breakout form shall be submitted.
- Reps and Certs and any provisions/clauses that require offeror's responses shall be submitted.
- Acknowledgement of ALL Amendments.
- Proof VETS 4212 has been filed for 2024.
- Duly executed Bid Bond/Guarantee: Offerors shall use form SF24 Bid Bond. Bid bonds that are found noncompliant with bid guarantee requirements will result in the rejection of the proposal. See clause 52.228-1 Bid Guarantee for additional information on the compliance with bid guarantee requirements. This requirement shall be emailed as part of VOLUME II. The Contracting Officer may request a physical copy of the bid bond be mailed later.
- It is solely the responsibility of the offerors to ensure the Government receives the proposal before or on the exact due date and time set forth in this solicitation.
- VETS-4212: Title 38, USC Section 4212(d) and Public Law 105-339, requires that federal contractors report, at least annually, the number and category of veterans who are within their workforce. This VETS-4212 report can be submitted per the instructions at https://www.dol.gov/agencies/vets/programs/vets4212. For assistance contact VETS4212 customer support at 1-866-237-0275 or vets4212-customersupport@dolncc.dol.gov. For procurement awards in excess of $150,000, this report must be completed and accepted prior to any Federal contract award. Therefore, all potential contractors are encouraged to file every year.

All inquiries about this solicitation shall be directly submitted in writing via email to all three points of contacts listed here Dawn.Schydzik@va.gov and Jennifer.Braaten@va.gov. No phone or faxed inquiry will be accepted. Government's responses to inquiries will be issued in the form of Amendment(s) to be posted on the same website where this solicitation is posted: www. SAM.gov. All interested offerors including those submitting inquiries are required to monitor the above website for any posted amendments and acknowledge them in accordance with the instructions provided in the amendments as well as in this solicitation.

E. **Evaluation Methodology:**

Factor 1, Past Performance: Past performance demonstrating higher levels of success and quality on recent and relevant projects similar in scope and magnitude to this

solicitation present lower levels of risk and will be more favorably rated. Offerors should make every attempt to provide past performance for projects cited in factor 1 by furnishing a Past Performance Questionnaire completed by the customer or a CPARS rating, if applicable and available.

Contractors without relevant past performance or for whom past performance information is not available, the offeror cannot be evaluated favorably nor unfavorably on past performance. Past performance evaluations may also be conducted using information obtained from CPARS and any other sources deemed appropriate by the CO. Other sources may include, but are not limited to, inquiries of owner representative(s), Contractor Performance Assessment Reporting System (CPARS), Electronic Subcontract Reporting System (eSRS), and any other known sources not provided by the Offeror.

Factor 2, Price: The total evaluated price will be determined by the Offeror's price provided on the Price Schedule to include CLIN items 0001 and 0002.

Note: If none of the offerors are within the available funding limitation or is otherwise determined to be other than fair and reasonable, the VA reserves the right to enter into discussions with those offerors who are determined to be within the competitive range.

If the Offeror communicates in its proposal any qualifications, exceptions, exclusions, or conditions to the proposed prices in the Offerors proposal documents, the Contracting Officer may reject the proposal and exclude the Offeror from further discussions.

2.9 DETERMINATION OF RESPONSIBILITY

A Determination of Responsibility will be conducted for the apparent successful offeror prior to award of the project. The above information, along with other information obtained from Government systems, such as, but not limited to the OSHA and EPA online inspection history databases, as well as any other information the Contracting Officer has determined to be valid, will be used to make the Determination of Responsibility. NOTE: Any information received by the Government that would be cause for a negative Determination of Responsibility may make the offeror ineligible for award.

2.10 VETS 4212

Title 38, USC Section 4212(d), codified at 41 CFR Section 61-300, requires that federal contractors report, at least annually, the number and category of veterans who are within their workforce. Submission of the VETS-4212 reporting information can be done electronically at: http://www.dol.gov/vets/vets4212.htm. Award cannot be made unless the awardee has filed their VETS-4212 report. Therefore, all offerors are encouraged to file every year. The Contracting Officer may request a copy of the email confirmation of receipt notification prior to awarding the project.

2.11 SYSTEM FOR AWARD MANAGEMENT (SAM)

Federal Acquisition Regulations require that federal contractors register in the System for Award Management (SAM) database at https://sam.gov/ and enter all mandatory information into the system. Offerors are required to be registered in SAM at the time an offer is submitted in order to comply with the annual representations and certifications requirements (see **FAR 52.204-7**).

2.12 REVIEW REQUIRED REGISTRATION WITH CONTRACTOR PERFORMANCE ASSESSMENT REPORTING SYSTEM (CPARS)

As prescribed in Federal Acquisition Regulation (FAR) Part 42.1502(e), the Department of Veterans Affairs (VA) evaluates contractor past performance on all construction contracts that exceed $750,000 and shares those evaluations with other Federal Government contract specialists and procurement officials. The FAR requires that the contractor be provided an opportunity to comment on past performance evaluations prior to each report closing. To fulfill this requirement, VA uses an online database, CPARS, which is maintained by the Naval Seal Logistics Center in Portsmouth, Virginia. CPARS is available to all Federal agencies and is the system used to collect and retrieve performance assessment reports used in source selection determinations. CPARS also includes access to the federal awardee performance and integrity information system (FAPIIS). FAPIIS is a web-enabled application accessed via CPARS for contractor responsibility determination information.

Each contractor whose contract award is estimated to exceed $750,000 is required to register with CPARS database at the following web address: http://www.cpars.gov/. Help in registering can be obtained by contacting Customer Support Desk @ DSN: 684-1690 or COMM: 207- 438-1690. Registration should occur no later than thirty days after contract award and must be kept current should there be any change to the contractor's registered representative.

For contracts with a period of one year or less, the contracting officer will perform a single evaluation when the contract is complete. For contracts exceeding one year, the contracting officer will evaluate the contractor's performance annually. Interim reports will be filed each year until the last year of the contract, when the final report will be completed. The report shall be assigned in CPARS to the contractor's designated representative for comment. The contractor representative will have thirty days to submit any comments and re-assign the report to the VA contracting officer.

Failure to have a current registration in the CPARS database, or to re-assign the report to the VA contracting officer within those thirty days, will result in the Government's evaluation being placed on file in the database with a statement that the contractor failed to respond.

2.13 BACKGROUND INVESTIGATIONS AND SPECIAL AGREEMENT CHECKS

All contractor employees are subject to the same level of investigation as VA employees who have access to VA Sensitive Information. The level of background investigation is commensurate with the level of access needed to perform all work as identified in the solicitation documents. This requirement is applicable to all subcontractor personnel requiring the same access. As per VA Directive 0710, costs of background investigations will be borne by the contractor. Please be advised that the awardee will need to coordinate with the VA Medical Center concerning badging requirements.

2.14 REFERENCES TO VA ENGINEER, RESIDENT ENGINEER, OR PROJECT MANAGER

Any reference contained within the solicitation/contract specifications and/or drawings to the "VA Engineer," "Resident Engineer," or "Project Manager," or their abbreviations shall be replaced with "Contracting Officer's Representative (COR)."

2.15 52.216-1 TYPE OF CONTRACT (APR 1984)

The Government contemplates award of a Firm-Fixed-Price contract resulting from this solicitation.

(End of Provision)

2.16 52.222-5 CONSTRUCTION WAGE RATE REQUIREMENTS—SECONDARY SITE OF THE WORK (MAY 2014)

(a)(1) The offeror shall notify the Government if the offeror intends to perform work at any secondary site of the work, as defined in paragraph (a)(1)(ii) of the FAR clause at 52.222-6, Construction Wage Rate Requirements, of this solicitation.

(2) If the offeror is unsure if a planned work site satisfies the criteria for a secondary site of the work, the offeror shall request a determination from the Contracting Officer.

(b)(1) If the wage determination provided by the Government for work at the primary site of the work is not applicable to the secondary site of the work, the offeror shall request a wage determination from the Contracting Officer.

(2) The due date for receipt of offers will not be extended as a result of an offeror's request for a wage determination for a secondary site of the work.

(End of Provision)

~~2.17 52.222-23 NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY FOR CONSTRUCTION (FEB 1999)~~

~~(a) The offeror's attention is called to the Equal Opportunity clause and the Affirmative Action Compliance Requirements for Construction clause of this solicitation.~~

~~(b) The goals for minority and female participation, expressed in percentage terms for the Contractor's aggregate workforce in each trade on all construction work in the covered area, are as follows:~~

~~Goals for minority participation for each trade~~	~~Goals for female participation for each trade~~
~~20.6 %~~	~~6.9 %~~

~~These goals are applicable to all the Contractor's construction work performed in the covered area. If the Contractor performs construction work in a geographical area located outside of the covered area, the Contractor shall apply the goals established for the geographical area where the work is actually performed. Goals are published periodically in the Federal Register in notice form, and these notices may be obtained from any Office of Federal Contract Compliance Programs office.~~

~~(c) The Contractor's compliance with Executive Order 11246, as amended, and the regulations in 41 CFR 60-4 shall be based on (1) its implementation of the Equal Opportunity clause, (2) specific affirmative action obligations required by the clause entitled "Affirmative Action Compliance Requirements for Construction," and (3) its efforts to meet the goals. The hours of~~

~~minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade. The Contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor, or from project to project, for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, Executive Order 11246, as amended, and the regulations in 41 CFR 60-4. Compliance with the goals will be measured against the total work hours performed.~~

~~(d) The Contractor shall provide written notification to the Deputy Assistant Secretary for Federal Contract Compliance, U.S. Department of Labor, within 10 working days following award of any construction subcontract in excess of $10,000 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the—~~

~~(1) Name, address, and telephone number of the subcontractor;~~

~~(2) Employer's identification number of the subcontractor;~~

~~(3) Estimated dollar amount of the subcontract;~~

~~(4) Estimated starting and completion dates of the subcontract; and~~

~~(5) Geographical area in which the subcontract is to be performed.~~

~~(e) As used in this Notice, and in any contract resulting from this solicitation, the "covered area" is~~

~~Alabama~~

~~(End of Provision)~~

2.18 52.225-12 NOTICE OF BUY AMERICAN REQUIREMENT—CONSTRUCTION MATERIALS UNDER TRADE AGREEMENTS (MAY 2014)

(a) *Definitions.* "Commercially available off-the-shelf (COTS) item," "construction material," "designated country construction material," "domestic construction material," and "foreign construction material," as used in this provision, are defined in the clause of this solicitation entitled "Buy American—Construction Materials Under Trade Agreements" (Federal Acquisition Regulation (FAR) clause 52.225-11).

(b) *Requests for determination of inapplicability.* An offeror requesting a determination regarding the inapplicability of the Buy American statute should submit the request to the Contracting Officer in time to allow a determination before submission of offers. The offeror shall include the information and applicable supporting data required by paragraphs (c) and (d) of FAR clause 52.225-11 in the request. If an offeror has not requested a determination regarding the inapplicability of the Buy American statute before submitting its offer, or has not received a response to a previous request, the offeror shall include the information and supporting data in the offer.

(c) Evaluation of offers.

(1) The Government will evaluate an offer requesting exception to the requirements of the Buy American statute, based on claimed unreasonable cost of domestic construction materials, by adding to the offered price the appropriate percentage of the cost of such foreign construction material, as specified in paragraph (b)(4)(i) of FAR clause 52.225-11.

(2) If evaluation results in a tie between an offeror that requested the substitution of foreign construction material based on unreasonable cost and an offeror that did not request an exception, the Contracting Officer will award to the offeror that did not request an exception based on unreasonable cost.

(d) Alternate offers.

(1) When an offer includes foreign construction material, other than designated country construction material, that is not listed by the Government in this solicitation in paragraph (b)(3) of FAR clause 52.225-11, the offeror also may submit an alternate offer based on use of equivalent domestic or designated country construction material.

(2) If an alternate offer is submitted, the offeror shall submit a separate Standard Form 1442 for the alternate offer, and a separate price comparison table prepared in accordance with paragraphs (c) and (d) of FAR clause 52.225-11 for the offer that is based on the use of any foreign construction material for which the Government has not yet determined an exception applies.

(3) If the Government determines that a particular exception requested in accordance with paragraph (c) of FAR clause 52.225-11 does not apply, the Government will evaluate only those offers based on use of the equivalent domestic or designated country construction material, and the offeror shall be required to furnish such domestic or designated country construction material. An offer based on use of the foreign construction material for which an exception was requested—

(i) Will be rejected as nonresponsive if this acquisition is conducted by sealed bidding; or

(ii) May be accepted if revised during negotiations.

(End of Provision)

2.19 52.228-1 BID GUARANTEE (SEP 1996)

(a) Failure to furnish a bid guarantee in the proper form and amount, by the time set for opening of bids, may be cause for rejection of the bid.

(b) The bidder shall furnish a bid guarantee in the form of a firm commitment, e.g., bid bond supported by good and sufficient surety or sureties acceptable to the Government, postal money order, certified check, cashier's check, irrevocable letter of credit, or, under Treasury Department regulations, certain bonds or notes of the United States. The Contracting Officer will return bid guarantees, other than bid bonds—

(1) To unsuccessful bidders as soon as practicable after the opening of bids; and

(2) To the successful bidder upon execution of contractual documents and bonds (including any necessary coinsurance or reinsurance agreements), as required by the bid as accepted.

(c) The amount of the bid guarantee shall be 20 percent of the bid price or $3,000,000, whichever is less.

(d) If the successful bidder, upon acceptance of its bid by the Government within the period specified for acceptance, fails to execute all contractual documents or furnish executed bond(s) within 10 days after receipt of the forms by the bidder, the Contracting Officer may terminate the contract for default.

(e) In the event the contract is terminated for default, the bidder is liable for any cost of acquiring the work that exceeds the amount of its bid, and the bid guarantee is available to offset the difference.

(End of Provision)

2.20 52.233-2 SERVICE OF PROTEST (SEP 2006)

Protests, as defined in section 33.101 of the Federal Acquisition Regulation, that are filed directly with an agency, and copies of any protests that are filed with the Government Accountability Office (GAO), shall be served on the Contracting Officer (addressed as follows) by obtaining written and dated acknowledgment of receipt from:

CO - William Henkel

William.Henkel@va.gov
Hand-Carried Address:

William Henkel

Department of Veterans Affairs
Progam Contracting Activity Central
6100 Oak Tree Blvd, Suite 490
Independence, OH 44131
Mailing Address:

Department of Veterans Affairs

Program Contracting Activity Central
6100 Oak Tree Blvd, Suite 490
Independence OH 44131

(b) The copy of any protest shall be received in the office designated above within one day of filing a protest with the GAO.

(End of Provision)

2.21 52.236-27 SITE VISIT (CONSTRUCTION) (FEB 1995) ALTERNATE I (FEB 1995)

(a) The clauses at 52.236-2, Differing Site Conditions, and 52.236-3, Site Investigations and Conditions Affecting the Work, will be included in any contract awarded as a result of this solicitation. Accordingly, offerors or quoters are urged and expected to inspect the site where the work will be performed.

(b) An organized site visit has been scheduled for—

TBD

(c) Participants will meet at—

TBD

(End of Provision)

2.22 52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (FEB 1998)

This solicitation incorporates one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at this/these address(es):

https://www.acquisition.gov/browse/index/far
https://www.va.gov/oal/library/vaar/

(End of Provision)

FAR Number	Title	Date
52.204-7	SYSTEM FOR AWARD MANAGEMENT	NOV 2024
52.204-16	COMMERCIAL AND GOVERNMENT ENTITY CODE REPORTING	AUG 2020
52.204-22	ALTERNATIVE LINE ITEM PROPOSAL	JAN 2017
52.215-1	INSTRUCTIONS TO OFFERORS—COMPETITIVE ACQUISITION	NOV 2021
52.228-17	INDIVIDUAL SURETY—PLEDGE OF ASSETS (BID GUARANTEE)	FEB 2021
52.236-28	PREPARATION OF PROPOSALS—CONSTRUCTION	OCT 1997

2.23 VAAR 852.228-72 ASSISTING SERVICE-DISABLED VETERAN-OWNED AND VETERAN-OWNED SMALL BUSINESSES IN OBTAINING BONDS (DEC 2009)

Prime contractors are encouraged to assist service-disabled veteran-owned and veteran-owned small business potential subcontractors in obtaining bonding, when required. Mentor firms are encouraged to assist protégé firms under VA's Mentor-Protégé Program in obtaining acceptable bid, payment, and performance bonds, when required, as a prime contractor under a solicitation or contract and in obtaining any required bonds under subcontracts.

(End of Clause)

2.24 VAAR 852.232-70 PAYMENTS UNDER FIXED-PRICE CONSTRUCTION CONTRACTS (WITHOUT NAS– CPM) (NOV 2018)

The clause FAR 52.232–5, Payments Under Fixed-Price Construction Contracts, is implemented as follows:

(a) Retainage.

(1) The Contracting Officer may retain funds—

(i) Where performance under the contract has been determined to be deficient or the Contractor has performed in an unsatisfactory manner in the past; or

(ii) As the contract nears completion, to ensure that deficiencies will be corrected and that completion is timely.

(2) Examples of deficient performance justifying a retention of funds include, but are not restricted to, the following—

(i) Unsatisfactory progress as determined by the Contracting Officer;

(ii) Failure to meet schedule in Schedule of Work Progress;

(iii) Failure to present submittals in a timely manner; or

(iv) Failure to comply in good faith with approved subcontracting plans, certifications, or contract requirements.

(3) Any level of retention shall not exceed 10 percent either where there is determined to be unsatisfactory performance, or when the retainage is to ensure satisfactory completion. Retained amounts shall be paid promptly upon completion of all contract requirements, but nothing contained in this paragraph (a)(3) shall be construed as limiting the Contracting Officer's right to withhold funds under other provisions of the contract or in accordance with the general law and regulations regarding the administration of Government contracts.

(b) The Contractor shall submit a schedule of cost to the Contracting Officer for approval within 30 calendar days after date of receipt of notice to proceed. Such schedule will be signed and submitted in triplicate. The approved cost schedule will be one of the bases for determining progress payments to the Contractor for work completed. This schedule shall show cost by the work activity/event for each building or unit of the contract, as instructed by the resident engineer.

(1) The work activities/events shall be subdivided into as many sub-activities/events as are necessary to cover all component parts of the contract work.

(2) Costs as shown on this schedule must be true costs and the resident engineer may require the Contractor to submit the original estimate sheets or other information to substantiate the detailed makeup of the schedule.

(3) The sums of the sub-activities/events, as applied to each work activity/event, shall equal the total cost of such work activity/event. The total cost of all work activities/events shall equal the contract price.

(4) Insurance and similar items shall be prorated and included in the cost of each branch of the work.

(5) The cost schedule shall include separate cost information for the systems listed in the table in this paragraph (b)(5). The percentages listed in the following table are proportions of the cost listed in the Contractor's cost schedule and identify, for payment purposes, the value of the work to adjust, correct and test systems after the material has been installed. Payment of the listed percentages will be made only after the Contractor has demonstrated that each of the systems is substantially complete and operates as required by the contract.

VALUE OF ADJUSTING, CORRECTING, AND TESTING SYSTEM	
System	Percent
Pneumatic tube system.....	10
Incinerators (medical waste and trash).....	5
Sewage treatment plant equipment.....	5
Water treatment plant equipment.....	5
Washers (dish, cage, glass, etc.).....	5
Sterilizing equipment.....	5
Water distilling equipment.....	5
Prefab temperature rooms (cold, constant temperature).....	5
Entire air-conditioning system (Specified under 600 Sections).....	5
Entire boiler plant system (Specified under 700 Sections).....	5
General supply conveyors.....	10
Food service conveyors.....	10
Pneumatic soiled linen and trash system.....	10
Elevators and dumbwaiters.....	10
Materials transport system.....	10
Engine-generator system.....	5
Primary switchgear.....	5
Secondary switchgear.....	5

Fire alarm system.....	5
Nurse call system.....	5
Intercom system.....	5
Radio system.....	5
TV (entertainment) system.....	5

(c) In addition to this cost schedule, the Contractor shall submit such unit costs as may be specifically requested. The unit costs shall be those used by the Contractor in preparing its bid and will not be binding as pertaining to any contract changes.

(d) The Contracting Officer will consider for monthly progress payments material and/or equipment procured by the Contractor and stored on the construction site, as space is available, or at a local approved location off the site, under such terms and conditions as the Contracting Officer approves, including but not limited to the following—

(1) The materials or equipment are in accordance with the contract requirements and/or approved samples and shop drawings;

(2) The materials and/or equipment are approved by the resident engineer;

(3) The materials and/or equipment are stored separately and are readily available for inspection and inventory by the resident engineer;

(4) The materials and/or equipment are protected against weather, theft and other hazards and are not subjected to deterioration; and

(5) The Contractor obtains the concurrence of its surety for off-site storage.

(e) The Government reserves the right to withhold payment until samples, shop drawings, engineer's certificates, additional bonds, payrolls, weekly statements of compliance, proof of title, nondiscrimination compliance reports, or any other requirements of this contract, have been submitted to the satisfaction of the Contracting Officer.

(f) The Contracting Officer will notify the Contractor in writing within 10 calendar-days of exercising retainage against any payment in accordance with FAR clause 52.232–5(e). The notice shall disclose the amount of the retainage in value and percent retained from the payment, and provide explanation for the retainage.

(End of Clause)

2.25 VAAR 852.233-71 ALTERNATE PROTEST PROCEDURE (OCT 2018)

(a) As an alternative to filing a protest with the Contracting Officer, an interested party may file a protest by mail or electronically with: Executive Director, Office of Acquisition and Logistics, Risk Management and Compliance Service (003A2C), Department of Veterans Affairs, 810 Vermont Avenue NW, Washington, DC 20420 or Email: *EDProtests@va.gov*.

(b) The protest will not be considered if the interested party has a protest on the same or similar issue(s) pending with the Contracting Officer.

(End of Provision)

2.26 VAAR 852.233-70 PROTEST CONTENT/ALTERNATIVE DISPUTE RESOLUTION (OCT 2018)

(a) Any protest filed by an interested party shall—

(1) Include the name, address, fax number, email and telephone number of the protester;

(2) Identify the solicitation and/or contract number;

(3) Include an original signed by the protester or the protester's representative and at least one copy;

(4) Set forth a detailed statement of the legal and factual grounds of the protest, including a description of resulting prejudice to the protester, and provide copies of relevant documents;

(5) Specifically request a ruling of the individual upon whom the protest is served;

(6) State the form of relief requested; and

(7) Provide all information establishing the timeliness of the protest.

(b) Failure to comply with the above may result in dismissal of the protest without further consideration.

(c) Bidders/offerors and Contracting Officers are encouraged to use alternative dispute resolution (ADR) procedures to resolve protests at any stage in the protest process. If ADR is used, the Department of Veterans Affairs will not furnish any documentation in an ADR proceeding beyond what is allowed by the Federal Acquisition Regulation.

(End of Provision)

2.27 VAAR 852.239-75 INFORMATION AND COMMUNICATION TECHNOLOGY ACCESSIBILITY NOTICE (FEB 2023)

(a) Any offeror responding to this solicitation must comply with established VA Information and Communication Technology (ICT) (formerly Electronic and Information (EIT)) accessibility standards. Information about Section 508 is available at *http://www.section508.va.gov/*.

(b) The Section 508 accessibility standards applicable to this solicitation are stated in the clause at 852.239–75, Information and Communication Technology Accessibility. In order to facilitate the Government's determination whether proposed ICT supplies meet applicable Section 508 accessibility standards, offerors must submit appropriate VA Section 508 Checklists, in accordance with the checklist completion instructions. The purpose of the checklists is to assist VA acquisition and program officials in determining whether proposed ICT supplies, or information, documentation and services conform to applicable Section 508 accessibility standards. The checklists allow offerors or developers to self-evaluate their

supplies and document—in detail—whether they conform to a specific Section 508 accessibility standard, and any underway remediation efforts addressing conformance issues.

(c) Respondents to this solicitation must identify any exception to Section 508 requirements. If an offeror claims its supplies or services meet applicable Section 508 accessibility standards, and it is later determined by the Government, i.e., after award of a contract or order, that supplies or services delivered do not conform to the described accessibility standards, remediation of the supplies or services to the level of conformance specified in the contract will be the responsibility of the Contractor at its expense.

(End of Provision)

REPRESENTATIONS AND CERTIFICATIONS

3.1 52.201-1 ACQUISITION 360: VOLUNTARY SURVEY (SEP 2023)

(a) All actual and potential offerors are encouraged to provide feedback on the preaward and debriefing processes, as applicable. Feedback may be provided to agencies up to 45 days after award. The feedback is anonymous, unless the participant self-identifies in the survey. Actual and potential offerors can participate in the survey by selecting the following link: *https:// www.acquisition.gov/360*.

(b) The Contracting Officer will not review the information provided until after contract award and will not consider it in the award decision. The survey is voluntary and does not convey any protections, rights, or grounds for protest. It creates a way for actual and potential offerors to provide the Government constructive feedback about the preaward and debriefing processes, as applicable, used for a specific acquisition.

(End of Clause)

3.2 52.204-8 ANNUAL REPRESENTATIONS AND CERTIFICATIONS (JAN 2025)(DEVIATION FEB 2025)

(a)(1) The North American Industry Classification System (NAICS) code for this acquisition is 236220.

(2) The small business size standard is $45 Million.

(3) The small business size standard for a concern that submits an offer, other than on a construction or service acquisition, but proposes to furnish an end item that it did not itself manufacture, process, or produce is 500 employees, or 150 employees for information technology value-added resellers under NAICS code 541519, if the acquisition—

(i) Is set aside for small business and has a value above the simplified acquisition threshold;

(ii) Uses the HUBZone price evaluation preference regardless of dollar value, unless the offeror waives the price evaluation preference; or

(iii) Is an 8(a), HUBZone, service-disabled veteran-owned, economically disadvantaged women-owned, or women-owned small business set-aside or sole-source award regardless of dollar value.

(b)(1) If the provision at 52.204-7, System for Award Management, is included in this solicitation, paragraph (d) of this provision applies.

(2) If the provision at 52.204-7, System for Award Management, is not included in this solicitation, and the Offeror has an active registration in the System for Award Management (SAM), the Offeror may choose to use paragraph (d) of this provision instead of completing the

corresponding individual representations and certifications in the solicitation. The Offeror shall indicate which option applies by checking one of the following boxes:

[ ] (i) Paragraph (d) applies.

[ ] (ii) Paragraph (d) does not apply and the offeror has completed the individual representations and certifications in the solicitation.

(c)(1) The following representations or certifications in SAM are applicable to this solicitation as indicated:

(i) 52.203-2, Certificate of Independent Price Determination. This provision applies to solicitations when a firm-fixed-price contract or fixed-price contract with economic price adjustment is contemplated, unless—

(A) The acquisition is to be made under the simplified acquisition procedures in Part 13;

(B) The solicitation is a request for technical proposals under two-step sealed bidding procedures; or

(C) The solicitation is for utility services for which rates are set by law or regulation.

(ii) 52.203-11, Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions. This provision applies to solicitations expected to exceed $150,000.

(iii) 52.203-18, Prohibition on Contracting with Entities that Require Certain Internal Confidentiality Agreements or Statements—Representation. This provision applies to all solicitations.

(iv) 52.204-3, Taxpayer Identification. This provision applies to solicitations that do not include the provision at 52.204-7, System for Award Management.

(v) 52.204-5, Women-Owned Business (Other Than Small Business). This provision applies to solicitations that—

(A) Are not set aside for small business concerns;

(B) Exceed the simplified acquisition threshold; and

(C) Are for contracts that will be performed in the United States or its outlying areas.

(vi) 52.204-26, Covered Telecommunications Equipment or Services—Representation. This provision applies to all solicitations.

(vii) 52.209-2, Prohibition on Contracting with Inverted Domestic Corporations—Representation.

(viii) 52.209-5, Certification Regarding Responsibility Matters. This provision applies to solicitations where the contract value is expected to exceed the simplified acquisition threshold.

(ix) 52.209-11, Representation by Corporations Regarding Delinquent Tax Liability or a Felony Conviction under any Federal Law. This provision applies to all solicitations.

(x) 52.214-14, Place of Performance—Sealed Bidding. This provision applies to invitations for bids except those in which the place of performance is specified by the Government.

(xi) 52.215-6, Place of Performance. This provision applies to solicitations unless the place of performance is specified by the Government.

(xii) 52.219-1, Small Business Program Representations (Basic, Alternates I, and II). This provision applies to solicitations when the contract is for supplies to be delivered or services to be performed in the United States or its outlying areas, or when the contracting officer has applied part 19 in accordance with 19.000(b)(1)(ii).

(A) The basic provision applies when the solicitations are issued by other than DoD, NASA, and the Coast Guard.

(B) The provision with its Alternate I applies to solicitations issued by DoD, NASA, or the Coast Guard.

(C) The provision with its Alternate II applies to solicitations that will result in a multiple-award contract with more than one NAICS code assigned.

(xiii) 52.219-2, Equal Low Bids. This provision applies to solicitations when contracting by sealed bidding and the contract is for supplies to be delivered or services to be performed in the United States or its outlying areas, or when the contracting officer has applied part 19 in accordance with 19.000(b)(1)(ii).

(xiv) [Reserved]

(xv) [Reserved]

(xvi) 52.222-38, Compliance with Veterans' Employment Reporting Requirements. This provision applies to solicitations when it is anticipated the contract award will exceed the simplified acquisition threshold and the contract is not for acquisition of commercial products or commercial services.

(xvii) 52.223-1, Biobased Product Certification. This provision applies to solicitations that require the delivery or specify the use of biobased products in USDA-designated product categories; or include the clause at 52.223-2, Reporting of Biobased Products Under Service and Construction Contracts.

(xviii) 52.223-4, Recovered Material Certification. This provision applies to solicitations that are for, or specify the use of, EPA-designated items.

(xix) 52.223-22, Public Disclosure of Greenhouse Gas Emissions and Reduction Goals—Representation. This provision applies to solicitations that include the provision at 52.204-7.

(xx) 52.225-2, Buy American Certificate. This provision applies to solicitations containing the clause at 52.225-1.

(xxi) 52.225-4, Buy American—Free Trade Agreements—Israeli Trade Act Certificate. (Basic, Alternates II and III.) This provision applies to solicitations containing the clause at 52.225-3.

(A) If the acquisition value is less than $50,000, the basic provision applies.

(B) If the acquisition value is $50,000 or more but is less than $100,000, the provision with its Alternate II applies.

(C) If the acquisition value is $100,000 or more but is less than $102,280, the provision with its Alternate III applies.

(xxii) 52.225-6, Trade Agreements Certificate. This provision applies to solicitations containing the clause at 52.225-5.

(xxiii) 52.225-20, Prohibition on Conducting Restricted Business Operations in Sudan—Certification. This provision applies to all solicitations.

(xxiv) 52.225-25, Prohibition on Contracting with Entities Engaging in Certain Activities or Transactions Relating to Iran-Representation and Certifications. This provision applies to all solicitations.

(xxv) 52.226-2, Historically Black College or University and Minority Institution Representation. This provision applies to solicitations for research, studies, supplies, or services of the type normally acquired from higher educational institutions.

(A) Solicitations for research, studies, supplies, or services of the type normally acquired from higher educational institutions; and

(B) For DoD, NASA, and Coast Guard acquisitions, solicitations that contain the clause at 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns.

(2) The following representations or certifications are applicable as indicated by the Contracting Officer:

[X] (i) 52.204-17, Ownership or Control of Offeror.

[X] (ii) 52.204-20, Predecessor of Offeror.

[] (iii) 52.222-18, Certification Regarding Knowledge of Child Labor for Listed End Products.

[] (iv) 52.222-48, Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment—Certification.

[] (v) 52.222-52, Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services—Certification.

[] (vi) 52.227-6, Royalty Information.

[] (A) Basic.

[] (B) Alternate I.

[] (vii) 52.227-15, Representation of Limited Rights Data and Restricted Computer Software.

(d) The Offeror has completed the annual representations and certifications electronically in SAM accessed through https://www.sam.gov. After reviewing the SAM information, the Offeror

verifies by submission of the offer that the representations and certifications currently posted electronically that apply to this solicitation as indicated in paragraph (c) of this provision have been entered or updated within the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer and are incorporated in this offer by reference (see FAR 4.1201); except for the changes identified below [*offeror to insert changes, identifying change by clause number, title, date*]. These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer.

FAR Clause #	Title	Date	Change

Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications posted on SAM.

END-OF-PROVISION)

3.3 52.204-24 REPRESENTATION REGARDING CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT (NOV 2021)

The Offeror shall not complete the representation at paragraph (d)(1) of this provision if the Offeror has represented that it ''does not provide covered telecommunications equipment or services as a part of its offered products or services to the Government in the performance of any contract, subcontract, or other contractual instrument'' in paragraph (c)(1) in the provision at 52.204–26, Covered Telecommunications Equipment or Services—Representation, or in paragraph (v)(2)(i) of the provision at 52.212–3, Offeror Representations and Certifications–Commercial Products and Commercial Services. The Offeror shall not complete the representation in paragraph (d)(2) of this provision if the Offeror has represented that it ''does not use covered telecommunications equipment or services, or any equipment, system, or service that uses covered telecommunications equipment or services'' in paragraph (c)(2) of the provision at 52.204–26, or in paragraph (v)(2)(ii) of the provision at 52.212–3.

(a) *Definitions*. As used in this provision—

Backhaul, covered telecommunications equipment or services, critical technology, interconnection arrangements, reasonable inquiry, roaming, and *substantial or essential component* have the meanings provided in the clause 52.204–25, Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment.

(b) *Prohibition*. (1) Section 889(a)(1)(A) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115–232) prohibits the head of an executive agency on or after August 13, 2019, from procuring or obtaining, or extending or renewing a contract to procure or obtain, any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. Nothing in the prohibition shall be construed to—

(i) Prohibit the head of an executive agency from procuring with an entity to provide a service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or

(ii) Cover telecommunications equipment that cannot route or redirect user data traffic or cannot permit visibility into any user data or packets that such equipment transmits or otherwise handles.

(2) Section 889(a)(1)(B) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115–232) prohibits the head of an executive agency on or after August 13, 2020, from entering into a contract or extending or renewing a contract with an entity that uses any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. This prohibition applies to the use of covered telecommunications equipment or services, regardless of whether that use is in performance of work under a Federal contract. Nothing in the prohibition shall be construed to—

(i) Prohibit the head of an executive agency from procuring with an entity to provide a service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or

(ii) Cover telecommunications equipment that cannot route or redirect user data traffic or cannot permit visibility into any user data or packets that such equipment transmits or otherwise handles.

(c) *Procedures*. The Offeror shall review the list of excluded parties in the System for Award Management (SAM) (https://www.sam.gov) for entities excluded from receiving federal awards for “covered telecommunications equipment or services.”

(d) *Representations*. The Offeror represents that—

(1) It [ ] will, [ ] will not provide covered telecommunications equipment or services to the Government in the performance of any contract, subcontract or other contractual instrument resulting from this solicitation. The Offeror shall provide the additional disclosure information required at paragraph (e)(1) of this section if the Offeror responds “will’’ in paragraph (d)(1) of this section; and

(2) After conducting a reasonable inquiry, for purposes of this representation, the Offeror represents that—

It [ ] does, [ ] does not use covered telecommunications equipment or services, or use any equipment, system, or service that uses covered telecommunications equipment or services. The Offeror shall provide the additional disclosure information required at paragraph (e)(2) of this section if the Offeror responds “does’’ in paragraph (d)(2) of this section.

(e) *Disclosures*. (1) Disclosure for the representation in paragraph (d)(1) of this provision. If the Offeror has responded “will’’ in the representation in paragraph (d)(1) of this provision, the Offeror shall provide the following information as part of the offer:

(i) For covered equipment—

(A) The entity that produced the covered telecommunications equipment (include entity name, unique entity identifier, CAGE code, and whether the entity was the original equipment manufacturer (OEM) or a distributor, if known);

(B) A description of all covered telecommunications equipment offered (include brand; model number, such as OEM number, manufacturer part number, or wholesaler number; and item description, as applicable); and

(C) Explanation of the proposed use of covered telecommunications equipment and any factors relevant to determining if such use would be permissible under the prohibition in paragraph (b)(1) of this provision.

(ii) For covered services—

(A) If the service is related to item maintenance: A description of all covered telecommunications services offered (include on the item being maintained: Brand; model number, such as OEM number, manufacturer part number, or wholesaler number; and item description, as applicable); or

(B) If not associated with maintenance, the Product Service Code (PSC) of the service being provided; and explanation of the proposed use of covered telecommunications services and any factors relevant to determining if such use would be permissible under the prohibition in paragraph (b)(1) of this provision.

(2) Disclosure for the representation in paragraph (d)(2) of this provision. If the Offeror has responded “does’’ in the representation in paragraph (d)(2) of this provision, the Offeror shall provide the following information as part of the offer:

(i) For covered equipment—

(A) The entity that produced the covered telecommunications equipment (include entity name, unique entity identifier, CAGE code, and whether the entity was the OEM or a distributor, if known);

(B) A description of all covered telecommunications equipment offered (include brand; model number, such as OEM number, manufacturer part number, or wholesaler number; and item description, as applicable); and

(C) Explanation of the proposed use of covered telecommunications equipment and any factors relevant to determining if such use would be permissible under the prohibition in paragraph (b)(2) of this provision.

(ii) For covered services—

(A) If the service is related to item maintenance: A description of all covered telecommunications services offered (include on the item being maintained: Brand; model number, such as OEM number, manufacturer part number, or wholesaler number; and item description, as applicable); or

(B) If not associated with maintenance, the PSC of the service being provided; and explanation of the proposed use of covered telecommunications services and any factors

relevant to determining if such use would be permissible under the prohibition in paragraph (b)(2) of this provision.

(End of Provision)

3.4 52.209-7 INFORMATION REGARDING RESPONSIBILITY MATTERS (OCT 2018)

(a) *Definitions.* As used in this provision—

"Administrative proceeding" means a non-judicial process that is adjudicatory in nature in order to make a determination of fault or liability (e.g., Securities and Exchange Commission Administrative Proceedings, Civilian Board of Contract Appeals Proceedings, and Armed Services Board of Contract Appeals Proceedings). This includes administrative proceedings at the Federal and State level but only in connection with performance of a Federal contract or grant. It does not include agency actions such as contract audits, site visits, corrective plans, or inspection of deliverables.

"Federal contracts and grants with total value greater than $10,000,000" means—

(1) The total value of all current, active contracts and grants, including all priced options; and

(2) The total value of all current, active orders including all priced options under indefinite-delivery, indefinite-quantity, 8(a), or requirements contracts (including task and delivery and multiple-award Schedules).

"Principal" means an officer, director, owner, partner, or a person having primary management or supervisory responsibilities within a business entity (e.g., general manager; plant manager; head of a division or business segment; and similar positions).

(b) The offeror [ ] has [ ] does not have current active Federal contracts and grants with total value greater than $10,000,000.

(c) If the offeror checked "has" in paragraph (b) of this provision, the offeror represents, by submission of this offer, that the information it has entered in the Federal Awardee Performance and Integrity Information System (FAPIIS) is current, accurate, and complete as of the date of submission of this offer with regard to the following information:

(1) Whether the offeror, and/or any of its principals, has or has not, within the last five years, in connection with the award to or performance by the offeror of a Federal contract or grant, been the subject of a proceeding, at the Federal or State level that resulted in any of the following dispositions:

(i) In a criminal proceeding, a conviction.

(ii) In a civil proceeding, a finding of fault and liability that results in the payment of a monetary fine, penalty, reimbursement, restitution, or damages of $5,000 or more.

(iii) In an administrative proceeding, a finding of fault and liability that results in—

(A) The payment of a monetary fine or penalty of $5,000 or more; or

(B) The payment of a reimbursement, restitution, or damages in excess of $100,000.

(iv) In a criminal, civil, or administrative proceeding, a disposition of the matter by consent or compromise with an acknowledgment of fault by the Contractor if the proceeding could have led to any of the outcomes specified in paragraphs (c)(1)(i), (c)(1)(ii), or (c)(1)(iii) of this provision.

(2) If the offeror has been involved in the last five years in any of the occurrences listed in (c)(1) of this provision, whether the offeror has provided the requested information with regard to each occurrence.

(d) The offeror shall post the information in paragraphs (c)(1)(i) through (c)(1)(iv) of this provision in FAPIIS as required through maintaining an active registration in the System for Award Management, which can be accessed via *https://www.sam.gov* (see 52.204-7).

(End of Provision)

3.5 52.209-13 VIOLATION OF ARMS CONTROL TREATIES OR AGREEMENTS—CERTIFICATION (NOV 2021)

(a) This provision does not apply to acquisitions at or below the simplified acquisition threshold or to acquisitions of commercial products and commercial services as defined in Federal Acquisition Regulation 2.101.

(b) *Certification. [Offeror shall check either (1) or (2).]*

_____ (1) The Offeror certifies that—

(i) It does not engage and has not engaged in any activity that contributed to or was a significant factor in the President's or Secretary of State's determination that a foreign country is in violation of its obligations undertaken in any arms control, nonproliferation, or disarmament agreement to which the United States is a party, or is not adhering to its arms control, nonproliferation, or disarmament commitments in which the United States is a participating state. The determinations are described in the most recent unclassified annual report provided to Congress pursuant to section 403 of the Arms Control and Disarmament Act (22 U.S.C. 2593a). The report is available at https://www.state.gov/bureaus-offices/under-secretary-for-arms-control-and-international-security-affairs/bureau-of-arms-control-verification-and-compliance/; and

(ii) No entity owned or controlled by the Offeror has engaged in any activity that contributed to or was a significant factor in the President's or Secretary of State's determination that a foreign country is in violation of its obligations undertaken in any arms control, nonproliferation, or disarmament agreement to which the United States is a party, or is not adhering to its arms control, nonproliferation, or disarmament commitments in which the United States is a participating state. The determinations are described in the most recent unclassified annual report provided to Congress pursuant to section 403 of the Arms Control and Disarmament Act (22 U.S.C. 2593a). The report is available at https://www.state.gov/bureaus-offices/under-secretary-for-arms-control-and-international-security-affairs/bureau-of-arms-control-verification-and-compliance/; or

_____ (2) The Offeror is providing separate information with its offer in accordance with paragraph (d)(2) of this provision.

(c) Procedures for reviewing the annual unclassified report (see paragraph (b)(1) of this provision). For clarity, references to the report in this section refer to the entirety of the annual unclassified report, including any separate reports that are incorporated by reference into the annual unclassified report.

(1) Check the table of contents of the annual unclassified report and the country section headings of the reports incorporated by reference to identify the foreign countries listed there. Determine whether the Offeror or any person owned or controlled by the Offeror may have engaged in any activity related to one or more of such foreign countries.

(2) If there may have been such activity, review all findings in the report associated with those foreign countries to determine whether or not each such foreign country was determined to be in violation of its obligations undertaken in an arms control, nonproliferation, or disarmament agreement to which the United States is a party, or to be not adhering to its arms control, nonproliferation, or disarmament commitments in which the United States is a participating state. For clarity, in the annual report an explicit certification of noncompliance is equivalent to a determination of violation. However, the following statements in the annual report are not equivalent to a determination of violation:

(i) An inability to certify compliance.

(ii) An inability to conclude compliance.

(iii) A statement about compliance concerns.

(3) If so, determine whether the Offeror or any person owned or controlled by the Offeror has engaged in any activity that contributed to or is a significant factor in the determination in the report that one or more of these foreign countries is in violation of its obligations undertaken in an arms control, nonproliferation, or disarmament agreement to which the United States is a party, or is not adhering to its arms control, nonproliferation, or disarmament commitments in which the United States is a participating state. Review the narrative for any such findings reflecting a determination of violation or non-adherence related to those foreign countries in the report, including the finding itself, and to the extent necessary, the conduct giving rise to the compliance or adherence concerns, the analysis of compliance or adherence concerns, and efforts to resolve compliance or adherence concerns.

(4) The Offeror may submit any questions with regard to this report by email to *NDAA1290Cert@state.gov*. To the extent feasible, the Department of State will respond to such email inquiries within 3 business days.

(d) Do not submit an offer unless—

(1) A certification is provided in paragraph (b)(1) of this provision and submitted with the offer; or

(2) In accordance with paragraph (b)(2) of this provision, the Offeror provides with its offer information that the President of the United States has—

(i) Waived application under U.S.C. 2593e(d) or (e); or

(ii) Determined under 22 U.S.C. 2593e(g)(2) that the entity has ceased all activities for which measures were imposed under 22 U.S.C.2593e(b).

(e) *Remedies*. The certification in paragraph (b)(1) of this provision is a material representation of fact upon which reliance was placed when making award. If it is later determined that the Offeror knowingly submitted a false certification, in addition to other remedies available to the Government, such as suspension or debarment, the Contracting Officer may terminate any contract resulting from the false certification.

(End of Provision)

3.6 52.229-11 TAX ON CERTAIN FOREIGN PROCUREMENTS—NOTICE AND REPRESENTATION (JUN 2020)

(a) *Definitions*. As used in this provision—

Foreign person means any person other than a United States person.

Specified Federal procurement payment means any payment made pursuant to a contract with a foreign contracting party that is for goods, manufactured or produced, or services provided in a foreign country that is not a party to an international procurement agreement with the United States. For purposes of the prior sentence, a foreign country does not include an outlying area.

United States person as defined in 26 U.S.C. 7701(a)(30) means—

(1) A citizen or resident of the United States;

(2) A domestic partnership;

(3) A domestic corporation;

(4) Any estate (other than a foreign estate, within the meaning of 26 U.S.C. 701(a)(31)); and

(5) Any trust if—

(i) A court within the United States is able to exercise primary supervision over the administration of the trust; and

(ii) One or more United States persons have the authority to control all substantial decisions of the trust.

(b) Unless exempted, there is a 2 percent tax of the amount of a specified Federal procurement payment on any foreign person receiving such payment. See 26 U.S.C. 5000C and its implementing regulations at 26 CFR 1.5000C-1 through 1.5000C-7.

(c) Exemptions from withholding under this provision are described at 26 CFR 1.5000C-1(d)(5) through (7). The Offeror would claim an exemption from the withholding by using the Department of the Treasury Internal Revenue Service Form W-14, Certificate of Foreign Contracting Party Receiving Federal Procurement Payments, available via the internet at www.irs.gov/w14. Any exemption claimed and self-certified on the IRS Form W-14 is subject to

audit by the IRS. Any disputes regarding the imposition and collection of the 26 U.S.C. 5000C tax are adjudicated by the IRS as the 26 U.S.C. 5000C tax is a tax matter, not a contract issue. The IRS Form W-14 is provided to the acquiring agency rather than to the IRS.

(d) For purposes of withholding under 26 U.S.C. 5000C, the Offeror represents that—

(1) It [ ] is [ ] is not a foreign person; and

(2) If the Offeror indicates "is" in paragraph (d)(1) of this provision, then the Offeror represents that—I am claiming on the IRS Form W-14 [ ] a full exemption, or [ ] partial or no exemption [*Offeror shall select one*] from the excise tax.

(e) If the Offeror represents it is a foreign person in paragraph (d)(1) of this provision, then—

(1) The clause at FAR 52.229-12, Tax on Certain Foreign Procurements, will be included in any resulting contract; and

(2) The Offeror shall submit with its offer the IRS Form W-14. If the IRS Form W-14 is not submitted with the offer, exemptions will not be applied to any resulting contract and the Government will withhold a full 2 percent of each payment.

(f) If the Offeror selects "is" in paragraph (d)(1) and "partial or no exemption" in paragraph (d)(2) of this provision, the Offeror will be subject to withholding in accordance with the clause at FAR 52.229-12, Tax on Certain Foreign Procurements, in any resulting contract.

(g) A taxpayer may, for a fee, seek advice from the Internal Revenue Service (IRS) as to the proper tax treatment of a transaction. This is called a private letter ruling. Also, the IRS may publish a revenue ruling, which is an official interpretation by the IRS of the Internal Revenue Code, related statutes, tax treaties, and regulations. A revenue ruling is the conclusion of the IRS on how the law is applied to a specific set of facts. For questions relating to the interpretation of the IRS regulations go to *https://www.irs.gov/help/tax-law-questions*.

(End of Provision)

GENERAL CONDITIONS

4.1 52.203-14 DISPLAY OF HOTLINE POSTER(S) (NOV 2021)

(a) *Definition.*

United States, as used in this clause, means the 50 States, the District of Columbia, and outlying areas.

(b) *Display of fraud hotline poster(s).* Except as provided in paragraph (c)—

(1) During contract performance in the United States, the Contractor shall prominently display in common work areas within business segments performing work under this contract and at contract work sites-

(i) Any agency fraud hotline poster or Department of Homeland Security (DHS) fraud hotline poster identified in paragraph (b)(3) of this clause; and

(ii) Any DHS fraud hotline poster subsequently identified by the Contracting Officer.

(2) Additionally, if the Contractor maintains a company website as a method of providing information to employees, the Contractor shall display an electronic version of the poster(s) at the website.

(3) Any required posters may be obtained as follows:

Poster(s)	***Obtain from***
VA Hotline Poster	http://www.va.gov/oig/hotline/default.asp

(*Contracting Officer shall insert—*

(i) Appropriate agency name(s) and/or title of applicable Department of Homeland Security fraud hotline poster; and

(ii) The website(s) or other contact information for obtaining the poster(s).)

(c) If the Contractor has implemented a business ethics and conduct awareness program, including a reporting mechanism, such as a hotline poster, then the Contractor need not display any agency fraud hotline posters as required in paragraph (b) of this clause, other than any required DHS posters.

(d) *Subcontracts.* The Contractor shall include the substance of this clause, including this paragraph (d), in all subcontracts that exceed the threshold specified in Federal Acquisition Regulation 3.1004(b)(1) on the date of subcontract award, except when the subcontract—

(1) Is for the acquisition of a commercial product or commercial service; or

(2) Is performed entirely outside the United States.

(End of Clause)

4.2 52.204-21 BASIC SAFEGUARDING OF COVERED CONTRACTOR INFORMATION SYSTEMS (NOV 2021)

(a) *Definitions*. As used in this clause—

Covered contractor information system means an information system that is owned or operated by a contractor that processes, stores, or transmits Federal contract information.

Federal contract information means information, not intended for public release, that is provided by or generated for the Government under a contract to develop or deliver a product or service to the Government, but not including information provided by the Government to the public (such as on public Web sites) or simple transactional information, such as necessary to process payments.

Information means any communication or representation of knowledge such as facts, data, or opinions, in any medium or form, including textual, numerical, graphic, cartographic, narrative, or audiovisual (Committee on National Security Systems Instruction (CNSSI) 4009).

Information system means a discrete set of information resources organized for the collection, processing, maintenance, use, sharing, dissemination, or disposition of information (44 U.S.C. 3502).

Safeguarding means measures or controls that are prescribed to protect information systems.

(b) *Safeguarding requirements and procedures*. (1) The Contractor shall apply the following basic safeguarding requirements and procedures to protect covered contractor information systems. Requirements and procedures for basic safeguarding of covered contractor information systems shall include, at a minimum, the following security controls:

(i) Limit information system access to authorized users, processes acting on behalf of authorized users, or devices (including other information systems).

(ii) Limit information system access to the types of transactions and functions that authorized users are permitted to execute.

(iii) Verify and control/limit connections to and use of external information systems.

(iv) Control information posted or processed on publicly accessible information systems.

(v) Identify information system users, processes acting on behalf of users, or devices.

(vi) Authenticate (or verify) the identities of those users, processes, or devices, as a prerequisite to allowing access to organizational information systems.

(vii) Sanitize or destroy information system media containing Federal Contract Information before disposal or release for reuse.

(viii) Limit physical access to organizational information systems, equipment, and the respective operating environments to authorized individuals.

(ix) Escort visitors and monitor visitor activity; maintain audit logs of physical access; and control and manage physical access devices.

(x) Monitor, control, and protect organizational communications (i.e., information transmitted or received by organizational information systems) at the external boundaries and key internal boundaries of the information systems.

(xi) Implement subnetworks for publicly accessible system components that are physically or logically separated from internal networks.

(xii) Identify, report, and correct information and information system flaws in a timely manner.

(xiii) Provide protection from malicious code at appropriate locations within organizational information systems.

(xiv) Update malicious code protection mechanisms when new releases are available.

(xv) Perform periodic scans of the information system and real-time scans of files from external sources as files are downloaded, opened, or executed.

(2) *Other requirements*. This clause does not relieve the Contractor of any other specific safeguarding requirements specified by Federal agencies and departments relating to covered contractor information systems generally or other Federal safeguarding requirements for controlled unclassified information (CUI) as established by Executive Order 13556.

(c) *Subcontracts*. The Contractor shall include the substance of this clause, including this paragraph (c), in subcontracts under this contract (including subcontracts for the acquisition of commercial products or commercial services, other than commercially available off-the-shelf items), in which the subcontractor may have Federal contract information residing in or transiting through its information system.

(End of Clause)

4.3 52.204-30 FEDERAL ACQUISITION SUPPLY CHAIN SECURITY ACT ORDERS—PROHIBITION (DEC 2023)

(a) Definitions. As used in this clause—

Covered article, as defined in 41 U.S.C. 4713(k), means—

(1) Information technology, as defined in 40 U.S.C. 11101, including cloud computing services of all types;

(2) Telecommunications equipment or telecommunications service, as those terms are defined in section 3 of the Communications Act of 1934 (47 U.S.C. 153);

(3) The processing of information on a Federal or non-Federal information system, subject to the requirements of the Controlled Unclassified Information program (see 32 CFR part 2002); or

(4) Hardware, systems, devices, software, or services that include embedded or incidental information technology.

FASCSA order means any of the following orders issued under the Federal Acquisition Supply Chain Security Act (FASCSA) requiring the removal of covered articles from executive agency

information systems or the exclusion of one or more named sources or named covered articles from executive agency procurement actions, as described in 41 CFR 201–1.303(d) and (e):

(1) The Secretary of Homeland Security may issue FASCSA orders applicable to civilian agencies, to the extent not covered by paragraph (2) or (3) of this definition. This type of FASCSA order may be referred to as a Department of Homeland Security (DHS) FASCSA order.

(2) The Secretary of Defense may issue FASCSA orders applicable to the Department of Defense (DoD) and national security systems other than sensitive compartmented information systems. This type of FASCSA order may be referred to as a DoD FASCSA order.

(3) The Director of National Intelligence (DNI) may issue FASCSA orders applicable to the intelligence community and sensitive compartmented information systems, to the extent not covered by paragraph (2) of this definition. This type of FASCSA order may be referred to as a DNI FASCSA order.

Intelligence community, as defined by 50 U.S.C. 3003(4), means the following—

(1) The Office of the Director of National Intelligence;

(2) The Central Intelligence Agency;

(3) The National Security Agency;

(4) The Defense Intelligence Agency;

(5) The National Geospatial-Intelligence Agency;

(6) The National Reconnaissance Office;

(7) Other offices within the Department of Defense for the collection of specialized national intelligence through reconnaissance programs;

(8) The intelligence elements of the Army, the Navy, the Air Force, the Marine Corps, the Coast Guard, the Federal Bureau of Investigation, the Drug Enforcement Administration, and the Department of Energy;

(9) The Bureau of Intelligence and Research of the Department of State;

(10) The Office of Intelligence and Analysis of the Department of the Treasury;

(11) The Office of Intelligence and Analysis of the Department of Homeland Security; or

(12) Such other elements of any department or agency as may be designated by the President, or designated jointly by the Director of National Intelligence and the head of the department or agency concerned, as an element of the intelligence community.

National security system, as defined in 44 U.S.C. 3552, means any information system (including any telecommunications system) used or operated by an agency or by a contractor of an agency, or other organization on behalf of an agency—

(1) The function, operation, or use of which involves intelligence activities; involves cryptologic activities related to national security; involves command and control of military forces; involves equipment that is an integral part of a weapon or weapons system; or is critical to the direct fulfillment of military or intelligence missions, but does not include a system that is to be used for routine administrative and business applications (including payroll, finance, logistics, and personnel management applications); or

(2) Is protected at all times by procedures established for information that have been specifically authorized under criteria established by an Executive order or an Act of Congress to be kept classified in the interest of national defense or foreign policy.

Reasonable inquiry means an inquiry designed to uncover any information in the entity's possession about the identity of any covered articles, or any products or services produced or provided by a source. This applies when the covered article or the source is subject to an applicable FASCSA order. A reasonable inquiry excludes the need to include an internal or third-party audit.

Sensitive compartmented information means classified information concerning or derived from intelligence sources, methods, or analytical processes, which is required to be handled within formal access control systems established by the Director of National Intelligence.

Sensitive compartmented information system means a national security system authorized to process or store sensitive compartmented information.

Source means a non-Federal supplier, or potential supplier, of products or services, at any tier.

(b) *Prohibition*. (1) Unless an applicable waiver has been issued by the issuing official, Contractors shall not provide or use as part of the performance of the contract any covered article, or any products or services produced or provided by a source, if the covered article or the source is prohibited by an applicable FASCSA orders as follows:

(i) For solicitations and contracts awarded by a Department of Defense contracting office, DoD FASCSA orders apply.

(ii) For all other solicitations and contracts DHS FASCSA orders apply.

(2) The Contractor shall search for the phrase ''FASCSA order'' in the System for Award Management (SAM) at *https://www.sam.gov* to locate applicable FASCSA orders identified in paragraph (b)(1).

(3) The Government may identify in the solicitation additional FASCSA orders that are not in SAM, which are effective and apply to the solicitation and resultant contract.

(4) A FASCSA order issued after the date of solicitation applies to this contract only if added by an amendment to the solicitation or modification to the contract (see FAR 4.2304(c)). However, see paragraph (c) of this clause.

(5)(i) If the contractor wishes to ask for a waiver of the requirements of a new FASCSA order being applied through modification, then the Contractor shall disclose the following:

(A) Name of the product or service provided to the Government;

(B) Name of the covered article or source subject to a FASCSA order;

(C) If applicable, name of the vendor, including the Commercial and Government Entity code and unique entity identifier (if known), that supplied or supplies the covered article or the product or service to the Offeror;

(D) Brand;

(E) Model number (original equipment manufacturer number, manufacturer part number, or wholesaler number);

(F) Item description;

(G) Reason why the applicable covered article or the product or service is being provided or used;

(ii) *Executive agency review of disclosures*. The contracting officer will review disclosures provided in paragraph (b)(5)(i) to determine if any waiver is warranted. A contracting officer may choose not to pursue a waiver for covered articles or sources otherwise covered by a FASCSA order and to instead pursue other appropriate action.

(c) *Notice and reporting requirement*. (1) During contract performance, the Contractor shall review *SAM.gov* at least once every three months, or as advised by the Contracting Officer, to check for covered articles subject to FASCSA order(s), or for products or services produced by a source subject to FASCSA order(s) not currently identified under paragraph (b) of this clause.

(2) If the Contractor identifies a new FASCSA order(s) that could impact their supply chain, then the Contractor shall conduct a reasonable inquiry to identify whether a covered article or product or service produced or provided by a source subject to the FASCSA order(s) was provided to the Government or used during contract performance.

(3)(i) The Contractor shall submit a report to the contracting office as identified in paragraph (c)(3)(ii) of this clause, if the Contractor identifies, including through any notification by a subcontractor at any tier, that a covered article or product or service produced or provided by a source was provided to the Government or used during contract performance and is subject to a FASCSA order(s) identified in paragraph (b) of this clause, or a new FASCSA order identified in paragraph (c)(2) of this clause. For indefinite delivery contracts, the Contractor shall report to both the contracting office for the indefinite delivery contract and the contracting office for any affected order.

(ii) If a report is required to be submitted to a contracting office under (c)(3)(i) of this clause, the Contractor shall submit the report as follows:

(A) If a Department of Defense contracting office, the Contractor shall report to the website at *https://dibnet.dod.mil*.

(B) For all other contracting offices, the Contractor shall report to the Contracting Officer.

(4) The Contractor shall report the following information for each covered article or each product or service produced or provided by a source, where the covered article or source is subject to a FASCSA order, pursuant to paragraph (c)(3)(i) of this clause:

(i) Within 3 business days from the date of such identification or notification:

(A) Contract number;

(B) Order number(s), if applicable;

(C) Name of the product or service provided to the Government or used during performance of the contract;

(D) Name of the covered article or source subject to a FASCSA order;

(E) If applicable, name of the vendor, including the Commercial and Government Entity code and unique entity identifier (if known), that supplied the covered article or the product or service to the Contractor;

(F) Brand;

(G) Model number (original equipment manufacturer number, manufacturer part number, or wholesaler number);

(H) Item description; and

(I) Any readily available information about mitigation actions undertaken or recommended.

(ii) Within 10 business days of submitting the information in paragraph (c)(4)(i) of this clause:

(A) Any further available information about mitigation actions undertaken or recommended.

(B) In addition, the Contractor shall describe the efforts it undertook to prevent submission or use of the covered article or the product or service produced or provided by a source subject to an applicable FASCSA order, and any additional efforts that will be incorporated to prevent future submission or use of the covered article or the product or service produced or provided by a source that is subject to an applicable FASCSA order.

(d) *Removal*. For Federal Supply Schedules, Governmentwide acquisition contracts, multi-agency contracts or any other procurement instrument intended for use by multiple agencies, upon notification from the Contracting Officer, during the performance of the contract, the Contractor shall promptly make any necessary changes or modifications to remove any product or service produced or provided by a source that is subject to an applicable FASCSA order.

(e) *Subcontracts*. (1) The Contractor shall insert the substance of this clause, including this paragraph (e) and excluding paragraph (c)(1) of this clause, in all subcontracts and other contractual instruments, including subcontracts for the acquisition of commercial products and commercial services.

(2) The Government may identify in the solicitation additional FASCSA orders that are not in SAM, which are effective and apply to the contract and any subcontracts and other contractual instruments under the contract. The Contractor or higher-tier subcontractor shall notify their subcontractors, and suppliers under other contractual instruments, that the FASCSA orders in the solicitation that are not in SAM apply to the contract and all subcontracts.

(End of Clause)

4.4 52.211-10 COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK (APR 1984)

The Contractor shall be required to (a) commence work under this contract within 10 (TEN) calendar days after the date the Contractor receives the notice to proceed, (b) prosecute the work diligently, and (c) complete the entire work ready for use not later than 730 days after the date the contractor receives the notice to proceed. The time stated for completion shall include final cleanup of the premises.

(End of Clause)

4.5 52.219-28 POST-AWARD SMALL BUSINESS PROGRAM REREPRESENTATION (FEB 2024)

(a) *Definitions.* As used in this clause—

Long-term contract means a contract of more than five years in duration, including options. However, the term does not include contracts that exceed five years in duration because the period of performance has been extended for a cumulative period not to exceed six months under the clause at 52.217-8, Option to Extend Services, or other appropriate authority.

Small business concern—

(1) Means a concern, including its affiliates, that is independently owned and operated, not dominant in its field of operation, and qualified as a small business under the criteria in 13 CFR part 121 and the size standard in paragraph (d) of this clause.

(2) *Affiliates*, as used in this definition, means business concerns, one of whom directly or indirectly controls or has the power to control the others, or a third party or parties control or have the power to control the others. In determining whether affiliation exists, consideration is given to all appropriate factors including common ownership, common management, and contractual relationships. SBA determines affiliation based on the factors set forth at 13 CFR 121.103.

(b) If the Contractor represented that it was any of the small business concerns identified in 19.000(a)(3) prior to award of this contract, the Contractor shall rerepresent its size and socioeconomic status according to paragraph (f) of this clause or, if applicable, paragraph (h) of this clause, upon occurrence of any of the following:

(1) Within 30 days after execution of a novation agreement or within 30 days after modification of the contract to include this clause, if the novation agreement was executed prior to inclusion of this clause in the contract.

(2) Within 30 days after a merger or acquisition that does not require a novation or within 30 days after modification of the contract to include this clause, if the merger or acquisition occurred prior to inclusion of this clause in the contract.

(3) For long-term contracts—

(i) Within 60 to 120 days prior to the end of the fifth year of the contract; and

(ii) Within 60 to 120 days prior to the date specified in the contract for exercising any option thereafter.

(c) If the Contractor represented that it was any of the small business concerns identified in 19.000(a)(3) prior to award of this contract, the Contractor shall rerepresent its size and socioeconomic status according to paragraph (f) of this clause or, if applicable, paragraph (h) of this clause, when the Contracting Officer explicitly requires it for an order issued under a multiple-award contract.

(d) The Contractor shall rerepresent its size status in accordance with the size standard in effect at the time of this rerepresentation that corresponds to the North American Industry Classification System (NAICS) code(s) assigned to this contract. The small business size standard corresponding to this NAICS code(s) can be found at https://www.sba.gov/document/support--table-size-standards.

(e) The small business size standard for a Contractor providing an end item that it does not manufacture, process, or produce itself, for a contract other than a construction or service contract, is 500 employees, or 150 employees for information technology value-added resellers under NAICS code 541519, if the acquisition—

(1) Was set aside for small business and has a value above the simplified acquisition threshold;

(2) Used the HUBZone price evaluation preference regardless of dollar value, unless the Contractor waived the price evaluation preference; or

(3) Was an 8(a), HUBZone, service-disabled veteran-owned, economically disadvantaged women-owned, or women-owned small business set-aside or sole-source award regardless of dollar value.

(f) Except as provided in paragraph (h) of this clause, the Contractor shall make the representation(s) required by paragraph (b) and (c) of this clause by validating or updating all its representations in the Representations and Certifications section of the System for Award Management (SAM) and its other data in SAM, as necessary, to ensure that they reflect the Contractor's current status. The Contractor shall notify the contracting office in writing within the timeframes specified in paragraph (b) of this clause, or with its offer for an order (see paragraph (c) of this clause), that the data have been validated or updated, and provide the date of the validation or update.

(g) If the Contractor represented that it was other than a small business concern prior to award of this contract, the Contractor may, but is not required to, take the actions required by paragraphs (f) or (h) of this clause.

(h) If the Contractor does not have representations and certifications in SAM, or does not have a representation in SAM for the NAICS code applicable to this contract, the Contractor is required to complete the following rerepresentation and submit it to the contracting office, along with the contract number and the date on which the rerepresentation was completed:

(1) The Contractor represents that it [ ] is, [ ] is not a small business concern under NAICS Code 236220 assigned to contract number .

(2) [*Complete only if the Contractor represented itself as a small business concern in paragraph (h)(1) of this clause.*] The Contractor represents that it [ ] is, [ ] is not, a small disadvantaged business concern as defined in 13 CFR 124.1001.

(3) [*Complete only if the Contractor represented itself as a small business concern in paragraph (h)(1) of this clause.*] The Contractor represents that it [ ] is, [ ] is not a women-owned small business concern.

(4) Women-owned small business (WOSB) concern eligible under the WOSB Program. The Contractor represents that it [ ] is, [ ] is not a joint venture that complies with the requirements of 13 CFR 127.506(a) through (c). [*The Contractor shall enter the name and unique entity identifier of each party to the joint venture:* _____.]

(5) Economically disadvantaged women-owned small business (EDWOSB) joint venture. The Contractor represents that it [ ] is, [ ] is not a joint venture that complies with the requirements of 13 CFR 127.506(a) through (c). [*The Contractor shall enter the name and unique entity identifier of each party to the joint venture*: _____.]

(6) [*Complete only if the Contractor represented itself as a small business concern in paragraph (h)(1) of this clause.*] The Contractor represents that it [ ] is, [ ] is not a veteran-owned small business concern.

(7) [*Complete only if the Contractor represented itself as a veteran-owned small business concern in paragraph (h)(6) of this clause.*] The Contractor represents that it [ ] is, [ ] is not a service-disabled veteran-owned small business concern.

(8) *Service-disabled veteran-owned small business (SDVOSB) joint venture eligible under the SDVOSB Program*. The Contractor represents that it [ ] is, [ ] is not an SDVOSB joint venture eligible under the SDVOSB Program that complies with the requirements of 13 CFR 128.402. [*The Contractor shall enter the name and unique entity identifier of each party to the joint venture*: __.]

(9) [*Complete only if the Contractor represented itself as a small business concern in paragraph (h)(1) of this clause.*] The Contractor represents that—

(i) It [ ] is, [ ] is not a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material changes in ownership and control, principal office, or HUBZone employee percentage have occurred since it was certified in accordance with 13 CFR part 126; and

(ii) It [ ] is, [ ] is not a HUBZone joint venture that complies with the requirements of 13 CFR part 126, and the representation in paragraph (h)(8)(i) of this clause is accurate for each HUBZone small business concern participating in the HUBZone joint venture. [*The Contractor shall enter the names of each of the HUBZone small business concerns participating in the HUBZone joint venture:* _____.] Each HUBZone small business concern participating in the HUBZone joint venture shall submit a separate signed copy of the HUBZone representation.

[Contractor to sign and date and insert authorized signer's name and title.]

(End of Clause)

4.6 52.222-6 CONSTRUCTION WAGE RATE REQUIREMENTS (AUG 2018) (DEVIATION FEB 2025)

(a)Definition.—"Site of the work"— (1)Means—

(i)The primary site of the work. The physical place or places where the construction called for in the contract will remain when work on it is completed; and

(ii)The secondary site of the work, if any. Any other site where a significant portion of the building or work is constructed, provided that such site is-

(A)Located in the United States; and

(B)Established specifically for the performance of the contract or project;

(2)Except as provided in paragraph (3) of this definition, includes any fabrication plants, mobile factories, batch plants, borrow pits, job headquarters, tool yards, etc., provided-

(i)They are dedicated exclusively, or nearly so, to performance of the contract or project; and

(ii)They are adjacent or virtually adjacent to the "primary site of the work" as defined in paragraph (a)(1)(i), or the "secondary site of the work" as defined in paragraph (a)(1)(ii) of this definition;

(3)Does not include permanent home offices, branch plant establishments, fabrication plants, or tool yards of a Contractor or subcontractor whose locations and continuance in operation are determined wholly without regard to a particular Federal contract or project. In addition, fabrication plants, batch plants, borrow pits, job headquarters, yards, etc., of a commercial or material supplier which are established by a supplier of materials for the project before opening of bids and not on the Project site, are not included in the "site of the work." Such permanent, previously established facilities are not a part of the "site of the work" even if the operations for a period of time may be dedicated exclusively or nearly so, to the performance of a contract.

(b)(1)All laborers and mechanics employed or working upon the site of the work will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR Part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, or as may be incorporated for a secondary site of the work, regardless of any contractual relationship which may be alleged to exist between the Contractor and such laborers and mechanics. Any wage determination incorporated for a secondary site of the work shall be effective from the first day on which work under the contract was performed at that site and shall be incorporated without any adjustment in contract price or estimated cost. Laborers employed by the construction Contractor or construction subcontractor that are transporting portions of the building or work between the secondary site of the work and the primary site of the work shall be paid in accordance with the wage determination applicable to the primary site of the work.

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(2)Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Construction Wage Rate Requirements statute on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph (e) of this clause; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such period.

(3)Such laborers and mechanics shall be paid not less than the appropriate wage rate and fringe benefits in the wage determination for the classification of work actually performed, without regard to skill. Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein; provided that the employer's payroll records accurately set forth the time spent in each classification in which work is performed.

(4)The wage determination (including any additional classifications and wage rates conformed under paragraph (c) of this clause) and the Construction Wage Rate Requirements (Davis-Bacon Act) poster (WH-1321) shall be posted at all times by the Contractor and its subcontractors at the primary site of the work and the secondary site of the work, if any, in a prominent and accessible place where it can be easily seen by the workers.

(c)(1)The Contracting Officer shall require that any class of laborers or mechanics which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The Contracting Officer shall approve an additional classification and wage rate and fringe benefits therefor only when all the following criteria have been met:

(i)The work to be performed by the classification requested is not performed by a classification in the wage determination.

(ii)The classification is utilized in the area by the construction industry.

(iii)The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2)If the Contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the Contracting Officer agree on the classification and wage rate (including the amount designated for fringe benefits, where appropriate), a report of the action taken shall be sent by the Contracting Officer to the Administrator of the:

Wage and Hour Division

U.S. Department of Labor

Washington, DC 20210

The Administrator or an authorized representative will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the Contracting Officer or will notify the Contracting Officer within the 30-day period that additional time is necessary.

(3)In the event the Contractor, the laborers or mechanics to be employed in the classification, or their representatives, and the Contracting Officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the Contracting Officer shall refer the questions, including the views of all interested parties and the recommendation of the Contracting Officer, to the Administrator of the Wage and Hour Division for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the Contracting Officer or will notify the Contracting Officer within the 30-day period that additional time is necessary.

(4)The wage rate (including fringe benefits, where appropriate) determined pursuant to paragraphs (c)(2) and (c)(3) of this clause shall be paid to all workers performing work in the classification under this contract from the firstday on which work is performed in the classification.

(d)Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the Contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

(e)If the Contractor does not make payments to a trustee or other third person, the Contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program; provided, That the Secretary of Labor has found, upon the written request of the Contractor, that the applicable standards of the Construction Wage Rate Requirements statute have been met. The Secretary of Labor may require the Contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

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4.7, 52.222-11, SUBCONTRACTS (LABOR STANDARDS) (MAY 2014) (DEVIATION FEB 2025)

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(a)*Definition.* "Construction, alteration or repair," as used in this clause, means all types of work done by laborers and mechanics employed by the construction Contractor or construction subcontractor on a particular building or work at the site thereof, including without limitation-

(1)Altering, remodeling, installation (if appropriate) on the site of the work of items fabricated off-site;

(2)Painting and decorating;

(3)Manufacturing or furnishing of materials, articles, supplies, or equipment on the site of the building or work;

(4)Transportation of materials and supplies between the site of the work within the meaning of paragraphs (a)(1)(i) and (ii) of the "site of the work" as defined in the FAR clause at 52.222-6, Construction Wage Rate Requirements of this contract, and a facility which is dedicated to the construction of the building or work and is deemed part of the site of the work within the meaning of paragraph (2) of the "site of the work" definition; and

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(5)Transportation of portions of the building or work between a secondary site where a significant portion of the building or work is constructed, which is part of the "site of the work" definition in paragraph (a)(1)(ii) of the FAR clause at 52.222-6, Construction Wage Rate Requirements, and the physical place or places where the building or work will remain (paragraph (a)(1)(i) of the FAR clause at 52.222-6, in the "site of the work" definition).

(b)The Contractor shall insert in any subcontracts for construction, alterations and repairs within the United States the clauses entitled-

(1)Construction Wage Rate Requirements;

(2)Contract Work Hours and Safety Standards-Overtime Compensation (if the clause is included in this contract);

(3)[RESERVED]

(4)Payrolls and Basic Records;

(5)Compliance with Copeland Act Requirements;

(6)Withholding of Funds;

(7)Subcontracts (Labor Standards);

(8)Contract Termination-Debarment;

(9)Disputes Concerning Labor Standards;

(10)Compliance with Construction Wage Rate Requirements and Related Regulations; and

(11)Certification of Eligibility.

(c)The prime Contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor performing construction within the United States with all the contract clauses cited in paragraph (b).

(d)(1)Within 14 days after award of the contract, the Contractor shall deliver to the Contracting Officer a completed Standard Form (SF) 1413, Statement and Acknowledgment, for each subcontract for construction within the United States, including the subcontractor's signed and dated acknowledgment that the clauses set forth in paragraph (b) of this clause have been included in the subcontract.

(2)Within 14 days after the award of any subsequently awarded subcontract the Contractor shall deliver to the Contracting Officer an updated completed SF 1413 for such additional subcontract.

(e)The Contractor shall insert the substance of this clause, including this paragraph (e) in all subcontracts for construction within the United States.

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4.8 52.222-12 CONTRACT TERMINATION—DEBARMENT (MAY 2014) (DEVIATION FEB 2025)

A breach of the contract clauses entitled Construction Wage Rate Requirements, Contract Work Hours and Safety Standards-Overtime Compensation, Payrolls and Basic Records, Compliance with Copeland Act Requirements, Subcontracts (Labor Standards), Compliance with Construction Wage Rate Requirements and Related Regulations, or Certification of Eligibility may be grounds for termination of the contract, and for debarment as a Contractor and subcontractor as provided in 29 CFR 5.12.

(END-OF-CLAUSE)

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4.9 52.223-20 AEROSOLS (MAY 2024)

(a) *Definitions*. As used in this clause—

Global warming potential means how much a given mass of a chemical contributes to global warming over a given time period compared to the same mass of carbon dioxide. Carbon dioxide's global warming potential is defined as 1.0.

High global warming potential hydrofluorocarbons means any hydrofluorocarbons in a particular end use for which EPA's Significant New Alternatives Policy (SNAP) program has identified other acceptable alternatives that have lower global warming potential. The SNAP list of alternatives is found at 40 CFR part 82, subpart G, with supplemental tables of alternatives available at (*https://www.epa.gov/snap/*).

Hydrofluorocarbons means compounds that contain only hydrogen, fluorine, and carbon.

(b) Unless otherwise specified in the contract, the Contractor shall reduce its use, release, or emissions of high global warming potential hydrofluorocarbons, when feasible, from aerosol propellants or solvents under this contract. When determining feasibility of using a particular alternative, the Contractor shall consider environmental, technical, and economic factors such as—

(1) In-use emission rates, energy efficiency;

(2) Safety, such as flammability or toxicity;

(3) Ability to meet technical performance requirements; and

(4) Commercial availability at a reasonable cost.

(c) The Contractor shall refer to EPA's SNAP program to identify alternatives. The SNAP list of alternatives is found at 40 CFR part 82, subpart G, with supplemental tables available at *https://www.epa.gov/snap/*.

(End of Clause)

4.10 52.223-21 FOAMS (MAY 2024)

(a) *Definitions*. As used in this clause—

Global warming potential means how much a given mass of a chemical contributes to global warming over a given time period compared to the same mass of carbon dioxide. Carbon dioxide's global warming potential is defined as 1.0.

High global warming potential hydrofluorocarbons means any hydrofluorocarbons in a particular end use for which EPA's Significant New Alternatives Policy (SNAP) program has identified other acceptable alternatives that have lower global warming potential. The SNAP list of alternatives is found at 40 CFR part 82, subpart G, with supplemental tables of alternatives available at https://www.epa.gov/snap/.

Hydrofluorocarbons means compounds that contain only hydrogen, fluorine, and carbon.

(b) Unless otherwise specified in the contract, the Contractor shall reduce its use, release, and emissions of high global warming potential hydrofluorocarbons and refrigerant blends containing hydrofluorocarbons, when feasible, from foam blowing agents, under this contract. When determining feasibility of using a particular alternative, the Contractor shall consider environmental, technical, and economic factors such as—

(1) In-use emission rates, energy efficiency, and safety;

(2) Ability to meet performance requirements; and

(3) Commercial availability at a reasonable cost.

(c) The Contractor shall refer to EPA's SNAP program to identify alternatives. The SNAP list of alternatives is found at 40 CFR part 82, subpart G, with supplemental tables available at https://www.epa.gov/snap/.

(End of Clause)

4.11 52.225-11 BUY AMERICAN—CONSTRUCTION MATERIALS UNDER TRADE AGREEMENTS (NOV 2023)

(a) *Definitions.* As used in this clause—

Caribbean Basin country construction material means a construction material that—

(1) Is wholly the growth, product, or manufacture of a Caribbean Basin country; or

(2) In the case of a construction material that consists in whole or in part of materials from another country, has been substantially transformed in a Caribbean Basin country into a new and different construction material distinct from the materials from which it was transformed.

Commercially available off-the-shelf (COTS) item—

(1) Means any item of supply (including construction material) that is—

(i) A commercial product (as defined in paragraph (1) of the definition of ‘‘commercial product’’ at Federal Acquisition Regulation (FAR) 2.101;

(ii) Sold in substantial quantities in the commercial marketplace; and

(iii) Offered to the Government, under a contract or subcontract at any tier, without modification, in the same form in which it is sold in the commercial marketplace; and

(2) Does not include bulk cargo, as defined in 46 U.S.C. 40102(4), such as agricultural products and petroleum products.

Component means an article, material, or supply incorporated directly into a construction material.

Construction material means an article, material, or supply brought to the construction site by the Contractor or subcontractor for incorporation into the building or work. The term also includes an item brought to the site preassembled from articles, materials, or supplies. However, emergency life safety systems, such as emergency lighting, fire alarm, and audio evacuation systems, that are discrete systems incorporated into a public building or work and that are produced as complete systems, are evaluated as a single and distinct construction material regardless of when or how the individual parts or components of those systems are delivered to the construction site. Materials purchased directly by the Government are supplies, not construction material.

Cost of components means—

(1) For components purchased by the Contractor, the acquisition cost, including transportation costs to the place of incorporation into the construction material (whether or not such costs are paid to a domestic firm), and any applicable duty (whether or not a duty-free entry certificate is issued); or

(2) For components manufactured by the Contractor, all costs associated with the manufacture of the component, including transportation costs as described in paragraph (1) of this definition, plus allocable overhead costs, but excluding profit. Cost of components does not include any costs associated with the manufacture of the construction material.

Critical component means a component that is mined, produced, or manufactured in the United States and deemed critical to the U.S. supply chain. The list of critical components is at FAR 25.105.

Critical item means a domestic construction material or domestic end product that is deemed critical to U.S. supply chain resiliency. The list of critical items is at FAR 25.105.

Designated country means any of the following countries:

(1) A World Trade Organization Government Procurement Agreement (WTO GPA) country (Armenia, Aruba, Australia, Austria, Belgium, Bulgaria, Canada, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hong Kong, Hungary, Iceland, Ireland, Israel, Italy, Japan, Korea (Republic of), Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Moldova, Montenegro, Netherlands, New Zealand, North Macedonia, Norway, Poland,

Portugal, Romania, Singapore, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Taiwan, Ukraine, or United Kingdom);

(2) A Free Trade Agreement (FTA) country (Australia, Bahrain, Chile, Colombia, Costa Rica, Dominican Republic, El Salvador, Guatemala, Honduras, Korea (Republic of), Mexico, Morocco, Nicaragua, Oman, Panama, Peru, or Singapore);

(3) A least developed country (Afghanistan, Angola, Bangladesh, Benin, Bhutan, Burkina Faso, Burundi, Cambodia, Central African Republic, Chad, Comoros, Democratic Republic of Congo, Djibouti, Equatorial Guinea, Eritrea, Ethiopia, Gambia, Guinea, Guinea-Bissau, Haiti, Kiribati, Laos, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mozambique, Nepal, Niger, Rwanda, Samoa, Sao Tome and Principe, Senegal, Sierra Leone, Solomon Islands, Somalia, South Sudan, Tanzania, Timor-Leste, Togo, Tuvalu, Uganda, Vanuatu, Yemen, or Zambia); or

(4) A Caribbean Basin country (Antigua and Barbuda, Aruba, Bahamas, Barbados, Belize, Bonaire, British Virgin Islands, Curacao, Dominica, Grenada, Guyana, Haiti, Jamaica, Montserrat, Saba, St. Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, Sint Eustatius, Sint Maarten, or Trinidad and Tobago).

Designated country construction material means a construction material that is a WTO GPA country construction material, an FTA country construction material, a least developed country construction material, or a Caribbean Basin country construction material.

Domestic construction material means—

(1) For construction material that does not consist wholly or predominantly of iron or steel or a combination of both—

(i) An unmanufactured construction material mined or produced in the United States; or

(ii) A construction material manufactured in the United States, if—

(A) The cost of its components mined, produced, or manufactured in the United States exceeds 60 percent of the cost of all its components, except that the percentage will be 65 percent for items delivered in calendar years 2024 through 2028 and 75 percent for items delivered starting in calendar year 2029. Components of foreign origin of the same class or kind for which nonavailability determinations have been made are treated as domestic. Components of unknown origin are treated as foreign; or

(B) The construction material is a COTS item; or

(2) For construction material that consists wholly or predominantly of iron or steel or a combination of both, a construction material manufactured in the United States if the cost of foreign iron and steel constitutes less than 5 percent of the cost of all components used in such construction material. The cost of foreign iron and steel includes but is not limited to the cost of foreign iron or steel mill products (such as bar, billet, slab, wire, plate, or sheet), castings, or forgings utilized in the manufacture of the construction material and a good faith estimate of the cost of all foreign iron or steel components excluding COTS fasteners. Iron or steel components of unknown origin are treated as foreign. If the construction material contains multiple

components, the cost of all the materials used in such construction material is calculated in accordance with the definition of ‘‘cost of components’’.

Fastener means a hardware device that mechanically joins or affixes two or more objects together. Examples of fasteners are nuts, bolts, pins, rivets, nails, clips, and screws.

Foreign construction material means a construction material other than a domestic construction material.

Foreign iron and steel means iron or steel products not produced in the United States. Produced in the United States means that all manufacturing processes of the iron or steel must take place in the United States, from the initial melting stage through the application of coatings, except metallurgical processes involving refinement of steel additives. The origin of the elements of the iron or steel is not relevant to the determination of whether it is domestic or foreign.

Free Trade Agreement country construction material means a construction material that—

(1) Is wholly the growth, product, or manufacture of a Free Trade Agreement (FTA) country; or

(2) In the case of a construction material that consists in whole or in part of materials from another country, has been substantially transformed in a FTA country into a new and different construction material distinct from the materials from which it was transformed.

Least developed country construction material means a construction material that—

(1) Is wholly the growth, product, or manufacture of a least developed country; or

(2) In the case of a construction material that consists in whole or in part of materials from another country, has been substantially transformed in a least developed country into a new and different construction material distinct from the materials from which it was transformed.

Predominantly of iron or steel or a combination of both means that the cost of the iron and steel content exceeds 50 percent of the total cost of all its components. The cost of iron and steel is the cost of the iron or steel mill products (such as bar, billet, slab, wire, plate, or sheet), castings, or forgings utilized in the manufacture of the product and a good faith estimate of the cost of iron or steel components excluding COTS fasteners.

Steel means an alloy that includes at least 50 percent iron, between 0.02 and 2 percent carbon, and may include other elements.

United States means the 50 States, the District of Columbia, and outlying areas.

WTO GPA country construction material means a construction material that—

(1) Is wholly the growth, product, or manufacture of a WTO GPA country; or

(2) In the case of a construction material that consists in whole or in part of materials from another country, has been substantially transformed in a WTO GPA country into a new and different construction material distinct from the materials from which it was transformed.

(b) Construction materials.

(1) This clause implements 41 U.S.C. chapter 83, Buy American, by providing a preference for domestic construction material. In accordance with 41 U.S.C. 1907, the domestic content test of the Buy American statute is waived for construction material that is a COTS item, except that for construction material that consists wholly or predominantly of iron or steel or a combination of both, the domestic content test is applied only to the iron and steel content of the construction material, excluding COTS fasteners. (See FAR 12.505(a)(2)). In addition, the Contracting Officer has determined that the WTO GPA and Free Trade Agreements (FTAs) apply to this acquisition. Therefore, the Buy American restrictions are waived for designated country construction materials.

(2) The Contractor shall use only domestic or designated country construction material in performing this contract, except as provided in paragraphs (b)(3) and (b)(4) of this clause.

(3) The requirement in paragraph (b)(2) of this clause does not apply to information technology that is a commercial product or to the construction materials or components listed by the Government as follows:

None

(4) The Contracting Officer may add other foreign construction material to the list in paragraph (b)(3) of this clause if the Government determines that—

(i) The cost of domestic construction material would be unreasonable.

(A) *For domestic construction material that is not a critical item or does not contain critical components*. (1) The cost of a particular domestic construction material subject to the restrictions of the Buy American statute is unreasonable when the cost of such material exceeds the cost of foreign material by more than 20 percent;

(2) For construction material that is not a COTS item and does not consist wholly or predominantly of iron or steel or a combination of both, if the cost of a particular domestic construction material is determined to be unreasonable or there is no domestic offer received, and the low offer is for foreign construction material that does not exceed 55 percent domestic content, the Contracting Officer will treat the lowest offer of foreign construction material that is manufactured in the United States and exceeds 55 percent domestic content as a domestic offer and determine whether the cost of that offer is unreasonable by applying the evaluation factor listed in paragraph (b)(4)(i)(A)(1) of this clause.

(3) The procedures in paragraph (b)(4)(i)(A)(2) of this clause will no longer apply as of January 1, 2030.

(B) *For domestic construction material that is a critical item or contains critical components*. (1) The cost of a particular domestic construction material that is a critical item or contains critical components, subject to the requirements of the Buy American statute, is unreasonable when the cost of such material exceeds the cost of foreign material by more than 20 percent plus the additional preference factor identified for the critical item or construction material containing critical components listed at FAR 25.105.

(2) For construction material that does not consist wholly or predominantly of iron or steel or a combination of both, if the cost of a particular domestic construction material is determined to be unreasonable or there is no domestic offer received, and the low offer is for foreign construction material that does not exceed 55 percent domestic content, the Contracting Officer will treat the lowest offer of foreign construction material that is manufactured in the United States and exceeds 55 percent domestic content as a domestic offer, and determine whether the cost of that offer is unreasonable by applying the evaluation factor listed in paragraph (b)(4)(i)(B)(1) of this clause.

(3) The procedures in paragraph (b)(4)(i)(B)(2) of this clause will no longer apply as of January 1, 2030.

(ii) The application of the restriction of the Buy American statute to a particular construction material would be impracticable or inconsistent with the public interest; or

(iii) The construction material is not mined, produced, or manufactured in the United States in sufficient and reasonably available commercial quantities of a satisfactory quality.

(c) Request for determination of inapplicability of the Buy American statute.

(1)(i) Any Contractor request to use foreign construction material in accordance with paragraph (b)(4) of this clause shall include adequate information for Government evaluation of the request, including—

(A) A description of the foreign and domestic construction materials;

(B) Unit of measure;

(C) Quantity;

(D) Price;

(E) Time of delivery or availability;

(F) Location of the construction project;

(G) Name and address of the proposed supplier; and

(H) A detailed justification of the reason for use of foreign construction materials cited in accordance with paragraph (b)(3) of this clause.

(ii) A request based on unreasonable cost shall include a reasonable survey of the market and a completed price comparison table in the format in paragraph (d) of this clause.

(iii) The price of construction material shall include all delivery costs to the construction site and any applicable duty (whether or not a duty-free certificate may be issued).

(iv) Any Contractor request for a determination submitted after contract award shall explain why the Contractor could not reasonably foresee the need for such determination and could not have requested the determination before contract award. If the Contractor does not submit a satisfactory explanation, the Contracting Officer need not make a determination.

(2) If the Government determines after contract award that an exception to the Buy American statute applies and the Contracting Officer and the Contractor negotiate adequate consideration, the Contracting Officer will modify the contract to allow use of the foreign construction material. However, when the basis for the exception is the unreasonable price of a domestic construction material, adequate consideration is not less than the differential established in paragraph (b)(4)(i) of this clause.

(3) Unless the Government determines that an exception to the Buy American statute applies, use of foreign construction material is noncompliant with the Buy American statute.

(d) *Data*. To permit evaluation of requests under paragraph (c) of this clause based on unreasonable cost, the Contractor shall include the following information and any applicable supporting data based on the survey of suppliers:

Foreign and Domestic Construction Materials Price Comparison

Construction Material Description	Unit of Measure	Quantity	Price (Dollars)*
Item 1:			
Foreign Construction Material			
Domestic Construction Material			
Item 2:			
Foreign Construction Material			
Domestic Construction Material			

[*List name, address, telephone number, and contact for suppliers surveyed. Attach copy of response; if oral, attach summary.*]

[*Include other applicable supporting information.*]

[* *Include all delivery costs to the construction site and any applicable duty (whether or not a duty-free entry certificate is issued).*]

(End of Clause)

4.12 52.228-11 INDIVIDUAL SURETY—PLEDGE OF ASSETS (FEB 2021)(DEVIATION APR 2020)

(a) The Contractor shall obtain from each person acting as an individual surety on a performance bond or a payment bond—

(1) A pledge of assets that meets the eligibility, valuation, and security requirements described in the Federal Acquisition Regulation (FAR) 28.203–1; and

(2) Standard Form 28, Affidavit of Individual Surety, **except that the words "being duly sworn, depose and say" on the Standard Form 28 are replaced with the word "affirm" and the Standard Form 28 is not required to be sworn and notarized in block 12.**

(b) The Contracting Officer may release a portion of the security interest on the individual surety's assets based upon substantial performance of the Contractor's obligations under its performance bond. The security interest in support of a performance bond shall be maintained—

(1) *Contracts for the construction, alteration, or repair of any public building or public work of the Federal Government exceeding $150,000 (40 U.S.C. 3131)*. Until completion of any warranty period, or for 1 year following final payment, whichever is later.

(2) *Contracts subject to alternative payment protection (see FAR 28.102–1(b)(1))*. For the full contract performance period plus 1 year.

(3) *Other contracts not subject to the requirements of paragraph (b)(1) of this clause*. Until completion of any warranty period, or for 90 days following final payment, whichever is later.

(c) A surety's assets pledged in support of a payment bond may be released to a subcontractor or supplier upon Government receipt of a Federal district court judgment, or a sworn statement by the subcontractor or supplier that the claim is correct along with a notarized authorization of the release by the surety stating that it approves of such release. The security interest on the individual surety's assets in support of a payment bond shall be maintained—

(1) *Contracts for the construction, alteration, or repair of any public building or public work of the Federal Government exceeding $150,000 which require performance and payment bonds (40 U.S.C. 3131)*. For 1 year following final payment, or until resolution of all pending claims filed against the payment bond during the 1-year period following final payment, whichever is later.

(2) *Contracts subject to alternative payment protection (see FAR 28.102–1(b)(1))*. For the full contract performance period plus 1 year.

(3) *Other contracts not subject to the requirements of paragraph (c)(1) of this clause*. For 90 days following final payment.

(d) The Contracting Officer may allow the Contractor to substitute an individual surety, for a performance or payment bond, after contract award. The Contractor shall comply with the requirements of paragraph (a) of this clause within the timeframe established by the Contracting Officer.

(End of Clause)

4.13 52.228-15 PERFORMANCE AND PAYMENT BONDS—CONSTRUCTION (JUN 2020)(DEVIATION APR 2020)

(a) *Definitions*. As used in this clause—

"Original contract price" means the award price of the contract; or, for requirements contracts, the price payable for the estimated total quantity; or, for indefinite-quantity contracts, the price payable for the specified minimum quantity. Original contract price does not include the price of any options, except those options exercised at the time of contract award.

(b) *Amount of required bonds*. Unless the resulting contract price is valued at or below the threshold specified in Federal Acquisition Regulation 28.102–1(a) on the date of award of this contract, the successful offeror shall furnish performance and payment bonds to the Contracting Officer as follows:

(1) *Performance bonds* (Standard Form 25, **except that a seal is not required**). The penal amount of performance bonds at the time of contract award shall be 100 percent of the original contract price.

(2) *Payment Bonds* (Standard Form 25-A, **except that a seal is not required**). The penal amount of payment bonds at the time of contract award shall be 100 percent of the original contract price.

(3) Additional bond protection.

(i) The Government may require additional performance and payment bond protection if the contract price is increased. The increase in protection generally will equal 100 percent of the increase in contract price.

(ii) The Government may secure the additional protection by directing the Contractor to increase the penal amount of the existing bond or to obtain an additional bond.

(c) *Furnishing executed bonds*. The Contractor shall furnish all executed bonds, including any necessary reinsurance agreements, to the Contracting Officer, within the time period specified in the Bid Guarantee provision of the solicitation, or otherwise specified by the Contracting Officer, but in any event, before starting work.

(d) *Surety or other security for bonds*. The bonds shall be in the form of firm commitment, supported by corporate sureties whose names appear on the list contained in Treasury Department Circular 570, individual sureties, or by other acceptable security such as postal money order, certified check, cashier's check, irrevocable letter of credit, or, in accordance with Treasury Department regulations, certain bonds or notes of the United States. Treasury Circular 570 is published in the *Federal Register* or may be obtained from the:

U.S. Department of Treasury
Financial Management Service
Surety Bond Branch
3700 East West Highway, Room 6F01
Hyattsville, MD 20782.
Or via the internet at http://www.fms.treas.gov/c570/.

(e) *Notice of subcontractor waiver of protection (40 U.S.C. 3133(c))*. Any waiver of the right to sue on the payment bond is void unless it is in writing, signed by the person whose right is waived, and executed after such person has first furnished labor or material for use in the performance of the contract.

(End of Clause)

4.14 52.229-3 FEDERAL, STATE, AND LOCAL TAXES (FEB 2013)

(a) As used in this clause—

"After-imposed Federal tax," means any new or increased Federal excise tax or duty, or tax that was exempted or excluded on the contract date but whose exemption was later revoked or reduced during the contract period, on the transactions or property covered by this contract that the Contractor is required to pay or bear as the result of legislative, judicial, or administrative action taking effect after the contract date. It does not include social security tax or other employment taxes.

"After-relieved Federal tax," means any amount of Federal excise tax or duty, except social security or other employment taxes, that would otherwise have been payable on the transactions or property covered by this contract, but which the Contractor is not required to pay or bear, or for which the Contractor obtains a refund or drawback, as the result of legislative, judicial, or administrative action taking effect after the contract date.

"All applicable Federal, State, and local taxes and duties," means all taxes and duties, in effect on the contract date, that the taxing authority is imposing and collecting on the transactions or property covered by this contract.

"Contract date," means the date set for bid opening or, if this is a negotiated contract or a modification, the effective date of this contract or modification.

Local taxes includes taxes imposed by a possession or territory of the United States, Puerto Rico, or the Northern Mariana Islands, if the contract is performed wholly or partly in any of those areas.

(b)(1) The contract price includes all applicable Federal, State, and local taxes and duties, except as provided in subparagraph (b)(2)(i) of this clause.

(2) Taxes imposed under 26 U.S.C. 5000C may not be—

(i) Included in the contract price; nor

(ii) Reimbursed.

(c) The contract price shall be increased by the amount of any after-imposed Federal tax, provided the Contractor warrants in writing that no amount for such newly imposed Federal excise tax or duty or rate increase was included in the contract price, as a contingency reserve or otherwise.

(d) The contract price shall be decreased by the amount of any after-relieved Federal tax.

(e) The contract price shall be decreased by the amount of any Federal excise tax or duty, except social security or other employment taxes, that the Contractor is required to pay or bear, or does not obtain a refund of, through the Contractor's fault, negligence, or failure to follow instructions of the Contracting Officer.

(f) No adjustment shall be made in the contract price under this clause unless the amount of the adjustment exceeds $250.

(g) The Contractor shall promptly notify the Contracting Officer of all matters relating to any Federal excise tax or duty that reasonably may be expected to result in either an increase or

decrease in the contract price and shall take appropriate action as the Contracting Officer directs.

(h) The Government shall, without liability, furnish evidence appropriate to establish exemption from any Federal, State, or local tax when the Contractor requests such evidence and a reasonable basis exists to sustain the exemption.

Special Notes regarding FAR 52.229-3: Federal, State and Local Taxes:

Offerors are hereby notified that all state and local sales or use taxes for construction materials must be included in their bid or proposal price. It is solely the responsibility of the offeror to include all other applicable taxes in their bid or proposal price as well. The Government has determined that for this acquisition it cannot take advantage of any sales or use tax exemptions that may be available to it under applicable state law. Under no circumstances will any Contractor be designated as an agent of the Government for purposes of any tax exemption, nor will the Government authorize any Contractor's use of any tax exemption directly applicable to the Government under this procurement.

4.15 52.236-4 PHYSICAL DATA (APR 1984)

Data and information furnished or referred to below is for the Contractor's information. The Government shall not be responsible for any interpretation of or conclusion drawn from the data or information by the Contractor.

(a) The indications of physical conditions on the drawings and in the specifications are the result of site investigations by:

See Attachment 12 - Geotechnical Report

(b) Weather Conditions:

N/A

(c) Transportation Facilities

N/A

(d) Other Physical Data

N/A

(End of Clause)

4.16 52.444-6 SUBCONTRACTS FOR COMMERCIAL PRODUCTS AND COMMERCIAL SERVICES (JAN 2025) (DEVIATION FEB 2025)

(a)*Definitions.* As used in this clause—

Commercial product, commercial service and commercially available off-the-shelf item have the meanings contained in Federal Acquisition Regulation (FAR) 2.101.

Subcontract includes a transfer of commercial products or commercial services between divisions, subsidiaries, or affiliates of the Contractor or subcontractor at any tier.

(b)To the maximum extent practicable, the Contractor shall incorporate, and require its subcontractors at all tiers to incorporate, commercial products, commercial services, or non-developmental items as components of items to be supplied under this contract.

(c)(1)The Contractor shall insert the following clauses in subcontracts for commercial products or commercial services:

(i)52.203-13, Contractor Code of Business Ethics and Conduct (Nov 2021) (41 U.S.C. 3509), if the subcontract exceeds the threshold specified in FAR 3.1004(a) on the date of subcontract award, and has a performance period of more than 120 days. In altering this clause to identify the appropriate parties, all disclosures of violation of the civil False Claims Act or of Federal criminal law shall be directed to the agency Office of the Inspector General, with a copy to the Contracting Officer.

(ii)52.203-15, Whistleblower Protections Under the American Recovery and Reinvestment Act of 2009 (Jun 2010) (Section 1553 of Pub. L. 111-5), if the subcontract is funded under the Recovery Act.

(iii)52.203-17, Contractor Employee Whistleblower Rights (Nov 2023) (41 U.S.C. 4712); this clause does not apply to contracts of DoD, NASA, the Coast Guard, or applicable elements of the intelligence community—see FAR 3.900(a).

(iv)52.203-19, Prohibition on Requiring Certain Internal Confidentiality Agreements or Statements (Jan 2017).

(v)52.204-21, Basic Safeguarding of Covered Contractor Information Systems (Nov 2021) , other than subcontracts for commercially available off-the-shelf items, if flow down is required in accordance with paragraph (c) of FAR clause 52.204-21.

(vi)52.204-23, Prohibition on Contracting for Hardware, Software, and Services Developed or Provided by Kaspersky Lab Covered Entities (Dec 2023) (Section 1634 of Pub. L. 115-91).

(vii)52.204-25, Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment. (Nov 2021) (Section 889(a)(1)(A) of Pub. L. 115-232).

(viii)52.204-27, Prohibition on a ByteDance Covered Application (Jun 2023) (Section 102 of Division R of Pub. L. 117-328).

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(ix)(A) 52.204-30, Federal Acquisition Supply Chain Security Act Orders—Prohibition. (Dec 2023) (Pub. L. 115–390, title II).

(B) Alternate I (Dec 2023) of 52.204-30.

(x) 52.219-8, Utilization of Small Business Concerns (Jan 2025) (15 U.S.C. 637(d)(2) and (3)), if the subcontract offers further subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds the applicable threshold specified in FAR 19.702(a) on the date of subcontract award, the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

(xi) [RESERVED]

(xii) [RESERVED]

(xiii) 52.222-35, Equal Opportunity for Veterans (Jun 2020) (38 U.S.C. 4212(a));

(xiv) 52.222-36, Equal Opportunity for Workers with Disabilities (Jun 2020) (29 U.S.C. 793).

(xv) 52.222-37, Employment Reports on Veterans (Jun 2020) (38 U.S.C. 4212).

(xvi) 52.222-40, Notification of Employee Rights Under the National Labor Relations Act (Dec 2010) (E.O. 13496), if flow down is required in accordance with paragraph (f) of FAR clause 52.222-40.

(xvii)(A) 52.222-50, Combating Trafficking in Persons (Nov 2021) (22 U.S.C. chapter 78 and E.O. 13627).

(B) Alternate I (Mar 2015) of 52.222-50 (22 U.S.C. chapter 78 and E.O. 13627).

(xviii) 52.222-55, Minimum Wages for Contractor Workers under Executive Order 14026 (Jan 2022), if flow down is required in accordance with paragraph (k) of FAR clause 52.222-55.

(xix) 52.222-62, Paid Sick Leave Under Executive Order 13706 (Jan 2022) (E.O. 13706), if flow down is required in accordance with paragraph (m) of FAR clause 52.222-62.

(xx)(A) 52.224-3, Privacy Training (Jan 2017) (5 U.S.C. 552a) if flow down is required in accordance with 52.224-3(f).

(B) Alternate I (Jan 2017) of 52.224-3, if flow down is required in accordance with 52.224-3(f) and the agency specifies that only its agency-provided training is acceptable).

(xxi) 52.225-26, Contractors Performing Private Security Functions Outside the United States (Oct 2016) (Section 862, as amended, of the National Defense Authorization Act for Fiscal Year 2008; 10 U.S.C. Subtitle A, Part V, Subpart G Note).

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(xxii)52.232-40, Providing Accelerated Payments to Small Business Subcontractors (Mar 2023) , if flow down is required in accordance with paragraph (c) of FAR clause 52.232-40.

(xxiii)52.240-1, Prohibition on Unmanned Aircraft Systems Manufactured or Assembled by American Security Drone Act-Covered Foreign Entities (Nov 2024) (Sections 1821-1826, Pub. L. 118-31, 41 U.S.C. 3901 note prec.).

(xxiv)52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (Nov 2021) (46 U.S.C. 55305 and 10 U.S.C.2631), if flow down is required in accordance with paragraph (d) of FAR clause 52.247-64.

(2)While not required, the Contractor may flow down to subcontracts for commercial products or commercial services a minimal number of additional clauses necessary to satisfy its contractual obligations.

(d)The Contractor shall include the terms of this clause, including this paragraph (d), in subcontracts awarded under this contract.

(END-OF-CLAUSE)

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4.17 52.252-6 AUTHORIZED DEVIATIONS IN CLAUSES (NOV 2020)

(a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the date of the clause.

(b) The use in this solicitation or contract of any VA Acquisition Regulation (48 CFR Chapter) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

(End of Clause)

4.18 SUPPLEMENTAL INSURANCE REQUIREMENTS

In accordance with FAR 28.307-2 and FAR 52.228-5, the following minimum coverage shall apply to this contract:

(a) Workers' compensation and employers liability: Contractors are required to comply with applicable Federal and State workers' compensation and occupational disease statutes. If occupational diseases are not compensable under those statutes, they shall be covered under the employer's liability section of the insurance policy, except when contract operations are so commingled with a Contractor's commercial operations that it would not be practical to require this coverage. Employer's liability coverage of at least $100,000 is required, except in States with exclusive or monopolistic funds that do not permit workers' compensation to be written by private carriers.

(b) General Liability: $500,000.00 per occurrences.

(c) Automobile liability: $200,000.00 per person; $500,000.00 per occurrence and $20,000.00 property damage.

(d) The successful bidder must present to the Contracting Officer, prior to award, evidence of general liability insurance without any exclusionary clauses for asbestos that would void the general liability coverage.

(End of Clause)

4.19 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

https://www.acquisition.gov/browse/index/far
https://www.va.gov/oal/library/vaar/

(End of Clause)

FAR Number	Title	Date
52.202-1	DEFINITIONS	JUN 2020
52.203-3	GRATUITIES	APR 1984
52.203-5	COVENANT AGAINST CONTINGENT FEES	MAY 2014
52.203-6	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT	JUN 2020
52.203-7	ANTI-KICKBACK PROCEDURES	JUN 2020
52.203-8	CANCELLATION, RESCISSION, AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY	MAY 2014
52.203-10	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY	MAY 2014
52.203-12	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS	JUN 2020
52.203-13	CONTRACTOR CODE OF BUSINESS ETHICS AND CONDUCT	NOV 2021
52.203-17	CONTRACTOR EMPLOYEE WHISTLEBLOWER RIGHTS	NOV 2023
52.203-19	PROHIBITION ON REQUIRING CERTAIN INTERNAL CONFIDENTIALITY AGREEMENTS OR STATEMENTS	JAN 2017
52.204-9	PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL	JAN 2011
52.204-10	REPORTING EXECUTIVE COMPENSATION AND FIRST-TIER SUBCONTRACT AWARDS	JUN 2020
52.204-13	SYSTEM FOR AWARD MANAGEMENT MAINTENANCE	OCT 2018
52.204-14	SERVICE CONTRACT REPORTING REQUIREMENTS	OCT 2016
52.204-18	COMMERCIAL AND GOVERNMENT ENTITY CODE MAINTENANCE	AUG 2020
52.204-19	INCORPORATION BY REFERENCE OF REPRESENTATIONS AND CERTIFICATIONS	DEC 2014
52.204-23	PROHIBITION ON CONTRACTING FOR HARDWARE, SOFTWARE, AND SERVICES DEVELOPED OR PROVIDED BY KASPERSKY LAB COVERED ENTITIES	DEC 2023

52.204-25	PROHIBITION ON CONTRACTING FOR CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT	NOV 2021
52.204-27	PROHIBITION ON A BYTEDANCE COVERED APPLICATION	JUN 2023
52.209-6	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT	NOV 2021
52.209-10	PROHIBITION ON CONTRACTING WITH INVERTED DOMESTIC CORPORATIONS	NOV 2015
52.210-1	MARKET RESEARCH	NOV 2021
52.215-2	AUDIT AND RECORDS—NEGOTIATION	JUN 2020
52.219-8	UTILIZATION OF SMALL BUSINESS CONCERNS	FEB 2024
52.219-27	NOTICE OF SET-ASIDE FOR, OR SOLE-SOURCE AWARD TO, SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS (SDVOSB) CONCERNS ELIGIBLE UNDER THE SDVOSB PROGRAM	FEB 2024
52.222-3	CONVICT LABOR	JUN 2003
52.222-4	CONTRACT WORK HOURS AND SAFETY STANDARDS—OVERTIME COMPENSATION	MAY 2018
~~52.222-6~~	~~CONSTRUCTION WAGE RATE REQUIREMENTS~~	~~AUG 2018~~
52.222-7	WITHHOLDING OF FUNDS	MAY 2014
52.222-8	PAYROLLS AND BASIC RECORDS	JUL 2021
~~52.222-9~~	~~APPRENTICES AND TRAINEES~~	~~JUL 2005~~
52.222-10	COMPLIANCE WITH COPELAND ACT REQUIREMENTS	FEB 1988
~~52.222-11~~	~~SUBCONTRACTS (LABOR STANDARDS)~~	~~MAY 2014~~
~~52.222-12~~	~~CONTRACT TERMINATION—DEBARMENT~~	~~MAY 2014~~
52.222-13	COMPLIANCE WITH CONSTRUCTION WAGE RATE REQUIREMENTS AND RELATED REGULATIONS	MAY 2014
52.222-14	DISPUTES CONCERNING LABOR STANDARDS	FEB 1988
52.222-15	CERTIFICATION OF ELIGIBILITY	MAY 2014
~~52.222-21~~	~~PROHIBITION OF SEGREGATED FACILITIES~~	~~APR 2015~~
~~52.222-26~~	~~EQUAL OPPORTUNITY~~	~~SEP 2016~~
~~52.222-27~~	~~AFFIRMATIVE ACTION COMPLIANCE REQUIREMENTS FOR CONSTRUCTION~~	~~APR 2015~~
52.222-36	EQUAL OPPORTUNITY FOR WORKERS WITH DISABILITIES	JUN 2020
52.222-50	COMBATING TRAFFICKING IN PERSONS	NOV 2021
52.222-54	EMPLOYMENT ELIGIBILITY VERIFICATION	MAY 2022
52.222-55	MINIMUM WAGES FOR CONTRACTOR WORKERS UNDER EXECUTIVE ORDER 14026	JAN 2022
52.222-62	PAID SICK LEAVE UNDER EXECUTIVE ORDER 13706	JAN 2022
52.223-2	REPORTING OF BIOBASED PRODUCTS UNDER SERVICE AND CONSTRUCTION CONTRACTS	MAY 2024
52.223-5	POLLUTION PREVENTION AND RIGHT-TO-KNOW INFORMATION	MAY 2024
52.223-11	OZONE-DEPLETING SUBSTANCES AND HIGH GLOBAL WARMING POTENTIAL HYDROFLUOROCARBONS	MAY 2024
52.223-12	MAINTENANCE, SERVICE, REPAIR, OR DISPOSAL OF REFRIGERATION EQUIPMENT AND AIR CONDITIONERS	MAY 2024
52.223-23	SUSTAINABLE PRODUCTS AND SERVICES	MAY 2024
52.225-13	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES	FEB 2021
52.226-7	DRUG-FREE WORKPLACE	MAY 2024

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52.226-8	ENCOURAGING CONTRACTOR POLICIES TO BAN TEXT MESSAGING WHILE DRIVING	MAY 2024
52.227-1	AUTHORIZATION AND CONSENT	JUN 2020
52.227-2	NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT	JUN 2020
52.227-4	PATENT INDEMNITY—CONSTRUCTION CONTRACTS	DEC 2007
52.228-2	ADDITIONAL BOND SECURITY	OCT 1997
52.228-5	INSURANCE—WORK ON A GOVERNMENT INSTALLATION	JAN 1997
52.228-12	PROSPECTIVE SUBCONTRACTOR REQUESTS FOR BONDS	DEC 2022
52.228-14	IRREVOCABLE LETTER OF CREDIT	NOV 2014
52.228-15	PERFORMANCE AND PAYMENT BONDS—CONSTRUCTION	JUN 2020
FAR Number	**Title**	**Date**
52.229-12	TAX ON CERTAIN FOREIGN PROCUREMENTS	FEB 2021
52.232-5	PAYMENTS UNDER FIXED-PRICE CONSTRUCTION CONTRACTS	MAY 2014
52.232-17	INTEREST	MAY 2014
52.232-23	ASSIGNMENT OF CLAIMS	MAY 2014
52.232-27	PROMPT PAYMENT FOR CONSTRUCTION CONTRACTS	JAN 2017
52.232-33	PAYMENT BY ELECTRONIC FUNDS TRANSFER—SYSTEM FOR AWARD MANAGEMENT	OCT 2018
52.232-39	UNENFORCEABILITY OF UNAUTHORIZED OBLIGATIONS	JUN 2013
52.232-40	PROVIDING ACCELERATED PAYMENTS TO SMALL BUSINESS SUBCONTRACTORS	MAR 2023
52.233-1	DISPUTES ALTERNATE I (DEC 1991)	MAY 2014
52.233-3	PROTEST AFTER AWARD	AUG 1996
52.233-4	APPLICABLE LAW FOR BREACH OF CONTRACT CLAIM	OCT 2004
52.236-2	DIFFERING SITE CONDITIONS	APR 1984
52.236-3	SITE INVESTIGATION AND CONDITIONS AFFECTING THE WORK	APR 1984
52.236-5	MATERIAL AND WORKMANSHIP	APR 1984
52.236-6	SUPERINTENDENCE BY THE CONTRACTOR	APR 1984
52.236-7	PERMITS AND RESPONSIBILITIES	NOV 1991
52.236-8	OTHER CONTRACTS	APR 1984
52.236-9	PROTECTION OF EXISTING VEGETATION, STRUCTURES, EQUIPMENT, UTILITIES, AND IMPROVEMENTS	APR 1984
52.236-10	OPERATIONS AND STORAGE AREAS	APR 1984
52.236-11	USE AND POSSESSION PRIOR TO COMPLETION	APR 1984
52.236-12	CLEANING UP	APR 1984
52.236-13	ACCIDENT PREVENTION	NOV 1991
52.236-14	AVAILABILITY AND USE OF UTILITY SERVICES	APR 1984
52.236-15	SCHEDULES FOR CONSTRUCTION CONTRACTS	APR 1984
52.236-17	LAYOUT OF WORK	APR 1984
52.236-21	SPECIFICATIONS AND DRAWINGS FOR CONSTRUCTION ALTERNATE I (APR 1984)	FEB 1997
52.236-26	PRECONSTRUCTION CONFERENCE	FEB 1995
52.240-1	PROHIBITION ON UNMANNED AIRCRAFT SYSTEMS MANUFACTURED OR ASSEMBLED BY AMERICAN SECURITY DRONE ACT—COVERED FOREIGN ENTITIES	NOV 2024
52.242-13	BANKRUPTCY	JUL 1995

52.242-14	SUSPENSION OF WORK	APR 1984
52.243-4	CHANGES	JUN 2007
52.244-5	COMPETITION IN SUBCONTRACTING	AUG 2024
~~52.244-6~~	~~SUBCONTRACTS FOR COMMERCIAL PRODUCTS AND COMMERCIAL SERVICES~~	~~NOV 2024~~
52.246-12	INSPECTION OF CONSTRUCTION	AUG 1996
52.246-21	WARRANTY OF CONSTRUCTION ALTERNATE I (APR 1984)	MAR 1994
52.248-3	VALUE ENGINEERING—CONSTRUCTION ALTERNATE I (APR 1984)	OCT 2020
52.249-2	TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED PRICE) ALTERNATE I (SEPT 1996)	APR 2012
52.249-10	DEFAULT (FIXED-PRICE CONSTRUCTION)	APR 1984
52.253-1	COMPUTER GENERATED FORMS	JAN 1991

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4.20 VAAR 852.201-70 CONTRACTING OFFICER'S REPRESENTATIVE (DEC 2022)

The Contracting Officer reserves the right to designate representatives to act for him/her in furnishing technical guidance and advice or generally monitor the work to be performed under this contract. Such designation will be in writing and will define the scope and limitation of the designee's authority. A copy of the designation letter shall be furnished to the Contractor.

(End of Clause)

4.21 VAAR 852.204-70 PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL (MAY 2020)

(a) The Contractor shall comply with current Department of Veterans Affairs policy for personal identity verification of all employees performing under this contract when frequent and continuing access to VA facilities or information systems is required.

(b) The Contractor shall insert this clause in all subcontracts when the subcontractor's employees will require frequent and continuing access to VA facilities or information systems.

(End of Clause)

4.22 VAAR 852.204-71 INFORMATION AND INFORMATION SYSTEMS SECURITY (FEB 2023)

(a) *Definitions.* As used in this clause—*Business Associate* means an entity, including an individual (other than a member of the workforce of a covered entity), company, organization or another covered entity, as defined by the Health Insurance Portability and Accountability Act of 1996 (HIPAA) Privacy Rule, that performs or assists in the performance of a function or activity on behalf of the Veterans Health Administration (VHA) that involves the creating, receiving, maintaining, transmitting of, or having access to, protected health information (PHI). The term also includes a subcontractor of a business associate that creates, receives, maintains, or transmits PHI on behalf of the business associate.

Business Associate Agreement (BAA) means the agreement, as dictated by the Privacy Rule, between VHA and a business associate, which must be entered into in addition to the

underlying contract for services and before any release of PHI can be made to the business associate, in order for the business associate to perform certain functions or activities on behalf of VHA.

Information system means a discrete set of information resources organized for the collection, processing, maintenance, use, sharing, dissemination, or disposition of information whether automated or manual.

Information technology (*see* FAR 2.101) also means Information and Communication Technology (ICT).

Information technology-related contracts means those contracts which include services (including support services), and related resources for information technology as defined in 802.101.

Privacy officer means the VA official with responsibility for implementing and oversight of privacy related policies and practices that impact a given VA acquisition.

Sensitive personal information means, with respect to an individual, any information about the individual maintained by VA, including but not limited to the following:

(1) Education, financial transactions, medical history, and criminal or employment history.

(2) Information that can be used to distinguish or trace the individual's identity, including but not limited to name, social security number, date and place of birth, mother's maiden name, or biometric records.

Security plan means a formal document that provides an overview of the security requirements for an information system or an information security program and describes the security controls in place or planned for meeting those requirements.

VA Information Security Rules of Behavior for Organizational Users (VA National Rules of Behavior) means a set of VA rules that describes the responsibilities and expected behavior of users of VA information or information systems.

VA sensitive information means all VA data, on any storage media or in any form or format, which requires protection due to the risk of harm that could result from inadvertent or deliberate disclosure, alteration, or destruction of the information and includes sensitive personal information. The term includes information where improper use or disclosure could adversely affect the ability of VA to accomplish its mission, proprietary information, records about individuals requiring protection under various confidentiality provisions such as the Privacy Act and the HIPAA Privacy Rule, and information that can be withheld under the Freedom of Information Act. Examples of VA sensitive information include the following:

individually-identifiable medical, benefits, and personnel information; financial, budgetary, research, quality assurance, confidential commercial, critical infrastructure, investigatory, and law enforcement information; information that is confidential and privileged in litigation such as information protected by the deliberative process privilege, attorney work-product privilege, and the attorney-client privilege; and other information which, if released, could result in violation of

law or harm or unfairness to any individual or group, or could adversely affect the national interest or the conduct of Federal programs.

(b) *General.* Contractors, subcontractors, their employees, third-parties, and business associates with access to VA information, information systems, or information technology (IT) or providing and accessing IT-related goods and services, shall adhere to VA Directive 6500, VA Cybersecurity Program, and the directives and handbooks in the VA 6500 series related to VA information (including VA sensitive information and sensitive personal information and information systems security and privacy), as well as those set forth in the contract specifications, statement of work, or performance work statement. These include, but are not limited to, VA Handbook 6500.6, Contract Security; and VA Directive and Handbook 0710, *Personnel Security and Suitability Program,* which establishes VA's procedures, responsibilities, and processes for complying with current Federal law, Executive Orders, policies, regulations, standards and guidance for protecting VA information, information systems (*see* 802.101, Definitions) security and privacy, and adhering to personnel security requirements when accessing VA information or information systems.

(c) *Access to VA information and VA information systems.*

(1) Contractors are limited in their request for logical or physical access to VA information or VA information systems for their employees, subcontractors, third parties and business associates to the extent necessary to perform the services or provide the goods as specified in the contracts, agreements, task, delivery or purchase orders.

(2) All Contractors, subcontractors, third parties, and business associates working with VA information are subject to the same investigative requirements as those of VA appointees or employees who have access to the same types of information. The level and process of background security investigations for contractors to access VA information and VA information systems shall be in accordance with VA Directive and Handbook 0710, *Personnel Security and Suitability Program.*

(3) Contractors, subcontractors, third parties, and business associates who require access to national security programs must have a valid security clearance.

(4) HIPAA Business Associate Agreement requirement. Contractors shall enter into a Business Associate Agreement (BAA) with VHA, VA's Covered Entity, when contract requirements and access to protected health information is required and when requested by the Contracting Officer, or the Contracting Officer's Representative (COR) (see VAAR 824.103–70). Under the HIPAA Privacy and Security Rules, a Covered Entity (VHA) must have a satisfactory assurance that its PHI will be safeguarded from misuse. To do so, a Covered Entity enters into a BAA with a contractor (now the business associate), which obligates the business associate to only use the Covered Entity's PHI for the purposes for which it was engaged, provide the same protections and safeguards as is required from the Covered Entity, and agree to the same disclosure restrictions to PHI that is required of the Covered Entity in situations where a contractor—

(i) Creates, receives, maintains, or transmits VHA PHI or that will store, generate, access, exchange, process, or utilize such PHI in order to perform certain health care operations activities or functions on behalf of the Covered Entity; or

(ii) Provides one or more of the services specified in the Privacy Rule to or for the Covered Entity.

(A) *Contractors or entities required to execute BAAs for contracts and other agreements become VHA business associates.* BAAs are issued by VHA or may be issued by other VA programs in support of VHA. The HIPAA Privacy Rule requires VHA to execute compliant BAAs with persons or entities that create, receive, maintain, or transmit VHA PHI or that will store, generate, access, exchange, process, or utilize such PHI in order to perform certain activities, functions or services to, for, or on behalf of VHA. There may be other VA components or staff offices which also provide certain services and support to VHA and must receive PHI in order to do so. If these components award contracts or enter into other agreements, purchase/delivery orders, modifications and issue governmentwide purchase card transactions to help in the delivery of these services to VHA, they will also fall within the requirement to obtain a satisfactory assurance from these contractors by executing a BAA.

(B) *BAA requirement flow down to subcontractors.* A prime Contractor required to execute a BAA shall also obtain a satisfactory assurance, in the form of a BAA, that any of its subcontractors who will also create, receive, maintain, or transmit VHA PHI or that will store, generate, access, exchange, process, or utilize such PHI will comply with HIPAA requirements to the same degree as the Contractor. Contractors employing a subcontractor who creates, receives, maintains, or transmits VHA PHI or that will store, generate, access, exchange, process, or utilize such VHA PHI under a contract or agreement is required to execute a BAA with each of its subcontractors which also obligates the subcontractor (*i.e.,* also a business associate) to provide the same protections and safeguards and agree to the same disclosure restrictions to VHA's PHI that is required of the Covered Entity and the prime Contractor.

(d) *Contractor operations required to be in United States.* Custom software development and outsourced operations must be located in the U.S. to the maximum extent practicable. If such services are proposed to be performed outside the continental United States, and are not otherwise disallowed by other Federal law, regulations or policy, or other VA policy or other mandates as stated in the contract, specifications, statement of work or performance work statement (including applicable Business Associate Agreements), the Contractor/subcontractor must state in its proposal where all non-U.S. services are provided. At a minimum, the Contractor/ subcontractor must include a detailed Information Technology Security Plan, for review and approval by the Contracting Officer, specifically to address mitigation of the resulting problems of communication, control, and data protection.

(e) *Contractor/subcontractor employee reassignment and termination notification.* Contractors and subcontractors shall provide written notification to the Contracting Officer and Contracting Officer's Representative (COR) immediately, and not later than four (4) hours, when an employee working on a VA information system or with access to VA information is reassigned or leaves the Contractor or subcontractor's employment on the cognizant VA contract. The Contracting Officer and COR must also be notified immediately by the Contractor or subcontractor prior to an unfriendly termination.

(f) *VA information custodial requirements.*

(1) *Release, publication, and use of data.* Information made available to a Contractor or subcontractor by VA for the performance or administration of a contract or information

developed by the Contractor/subcontractor in performance or administration of a contract shall be used only for the stated contract purpose and shall not be used in any other way without VA's prior written approval. This clause expressly limits the Contractor's/ subcontractor's rights to use data as described in Rights in Data—General, FAR 52.227–14(d).

(2) *Media sanitization.* VA information shall not be co-mingled with any other data on the Contractors/subcontractor's information systems or media storage systems in order to ensure federal and VA requirements related to data protection, information segregation, classification requirements, and media sanitization can be met (*see* VA Directive 6500, VA Cybersecurity Program). VA reserves the right to conduct scheduled or unscheduled on-site inspections, assessments, or audits of Contractor and subcontractor IT resources, information systems and assets to ensure data security and privacy controls, separation of data and job duties, and destruction/media sanitization procedures are in compliance with Federal and VA requirements. The Contractor and subcontractor will provide all necessary access and support to VA and/or GAO staff during periodic control assessments or audits.

(3) *Data retention, destruction, and contractor self-certification.* The Contactor and its subcontractors are responsible for collecting and destroying any VA data provided, created, or stored under the terms of this contract, to a point where VA data or materials are no longer readable or reconstructable to any degree, in accordance with VA Directive 6371, Destruction of Temporary Paper Records, or subsequent issue. Prior to termination or completion of this contract, the Contractor/subcontractor must provide its plan for destruction of all VA data in its possession according to VA Handbook 6500, and VA Cybersecurity Program, including compliance with National Institute of Standards and Technology (NIST) 800–88, Guidelines for Media Sanitization, for the purposes of media sanitization on all IT equipment. The Contractor must certify in writing to the Contracting Officer within 30 days of termination of the contract that the data destruction requirements in this paragraph have been met.

(4) *Return of VA data and information.* When information, data, documentary material, records and/or equipment is no longer required, it shall be returned to the VA (as stipulated by the Contracting Officer or the COR) or the Contractor/subcontractor must hold it until otherwise directed. Items returned will be hand carried, securely mailed, emailed, or securely electronically transmitted to the Contracting Officer or to the address as provided in the contract or by the assigned COR, and/or accompanying BAA. Depending on the method of return, Contractor/subcontractor must store, transport, or transmit VA sensitive information, when permitted by the contract using VA-approved encryption tools that are, at a minimum, validated under Federal Information Processing Standards (FIPS) 140–3 (or its successor). If mailed, Contractor/subcontractor must send via a trackable method (USPS, UPS, Federal Express, etc.) and immediately provide the Contracting Officer with the tracking information. No information, data, documentary material, records or equipment will be destroyed unless done in accordance with the terms of this contract and the VHA Records Control Schedule 10–1.

(5) *Use of VA data and information.* The Contractor/subcontractor must receive, gather, store, back up, maintain, use, disclose and dispose of VA information only in compliance with the terms of the contract and applicable Federal and VA information confidentiality and security laws, regulations and policies. If Federal or VA information confidentiality and security laws, regulations and policies become applicable to the VA information or information systems after execution of the contract, or if the National NIST issues or updates applicable FIPS or Special

Publications (SP) after execution of this contract, the parties agree to negotiate in good faith to implement the information confidentiality and security laws, regulations and policies for this contract as a result of any updates, if required.

(6) *Copying VA data or information.* The Contractor/subcontractor shall not make copies of VA information except as authorized and necessary to perform the terms of the contract or to preserve electronic information stored on Contractor/ subcontractor electronic storage media for restoration in case any electronic equipment or data used by the Contractor/subcontractor needs to be restored to an operating state. If copies are made for restoration purposes, after the restoration is complete, the copies must be appropriately destroyed.

(7) *Violation of information custodial requirements.* If VA determines that the Contractor has violated any of VA's information confidentiality, privacy, or security provisions, it shall be sufficient grounds for VA to withhold payment to the Contractor or third-party or terminate the contract for default in accordance with FAR part 49 or terminate for cause in accordance with FAR 12.403.

(8) *Encryption.* The Contractor/ subcontractor must store, transport, or transmit VA sensitive information, when permitted by the contract, using cryptography, and VA-approved encryption tools that are, at a minimum, validated under FIPS 140–3 (or its successor).

(9) *Firewall and web services security controls.* The Contractor/subcontractor's firewall and web services security controls, if applicable, shall meet or exceed VA's minimum requirements. VA Configuration Guidelines are available upon request.

(10) *Disclosure of VA data and information.* Except for uses and disclosures of VA information authorized in a cognizant contract for performance of the contract, the Contractor/subcontractor may use and disclose VA information only in two other situations:

(i) subject to paragraph (f)(10) of this section, in response to a court order from a court of competent jurisdiction, or

(ii) with VA's prior written approval. The Contractor/ subcontractor must refer all requests for, demands for production of, or inquiries about, VA information and information systems to the Contracting Officer for response. If the Contractor/subcontractor is in receipt of a court order or other request or believes it has a legal requirement to disclose VA information, that Contractor/ subcontractor shall immediately refer such court order or other request to the Contracting Officer for response. If the Contractor or subcontractor discloses information on behalf of VHA, the Contractor and/or subcontractor must maintain an accounting of disclosures. Accounting of Disclosures documentation maintained by the Contractor/subcontractor will include the name of the individual to whom the information pertains, the date of each disclosure, the nature or description of the information disclosed, a brief statement of the purpose of each disclosure or, in lieu of such statement, a copy of a written request for a disclosure, and the name and address of the person or agency to whom the disclosure was made. The Contractor/ subcontractor will provide its Accounting of Disclosures upon request and within 15 calendar days to the assigned COR and Privacy Officer. Accounting of disclosures should be provided electronically via encrypted email to the COR and designated VA facility Privacy Officer as provided in the contract, BAA, or by the Contracting Officer. If providing the Accounting of Disclosures electronically cannot be done securely, the Contractor/subcontractor will provide

copies via trackable methods (UPS, USPS, Federal Express, etc.) immediately, providing the designated COR and Privacy Officer with the tracking information.

(11) *Compliance with privacy statutes and applicable regulations.* The Contractor/ subcontractor shall not disclose VA information protected by any of VA's privacy statutes or applicable regulations including but not limited to: the Privacy Act of 1974, 38 U.S.C. 5701, confidential nature of claims, 38 U.S.C. 5705, confidentiality of medical quality assurance records and/or 38 U.S.C. 7332, confidentiality of certain health records pertaining to drug addiction, sickle cell anemia, alcoholism or alcohol abuse, or infection with human immunodeficiency virus or the HIPAA Privacy Rule. If the Contractor/subcontractor is in receipt of a court order or other requests for VA information or has questions if it can disclose information protected under the abovementioned confidentiality statutes because it is required by law, that Contractor/subcontractor shall immediately refer such court order or other request to the Contracting Officer for response.

(g) *Report of known or suspected security/ privacy incident.* The Contractor, subcontractor, third-party affiliate or business associate, and its employees shall notify VA immediately via the Contracting Officer and the COR or within one (1) hour of an incident which is an occurrence (including the discovery or disclosure of successful exploits of system vulnerability) that

(A) actually or imminently jeopardizes, without lawful authority, the integrity, confidentiality, or the availability of its data and operations, or of its information or information system(s); or

(B) constitutes a violation or imminent threat of violation of law, security policies, security procedures, or acceptable use policies. The initial notification may first be made verbally but must be followed up in writing within one (1) hour. See VA Data Breach Response Service at *https://www.oprm.va.gov/dbrs/about_dbrs.aspx*. Report all actual or suspected security/privacy incidents and report the information to the Contracting Officer and the COR as identified in the contract or as directed in the contract, within one hour of discovery or suspicion.

(1) Such issues shall be remediated as quickly as is practical, but in no event longer than [] day. The Contractor shall notify the Contracting Officer in writing.

(2) When the security fixes involve installing third party patched (*e.g.,* Microsoft OS patches or Adobe Acrobat), the Contractor will provide written notice to VA that the patch has been validated as not affecting the systems within 10 working days. When the Contractor is responsible for operations or maintenance of the systems, they shall apply the security fixes within [].

(3) All other vulnerabilities shall be remediated in a timely manner based on risk, but within 60 days of discovery or disclosure. Contractors shall notify the Contracting Officer, and COR within 2 business days after remediation of the identified vulnerability. Exceptions to this paragraph (*e.g.,* for the convenience of VA) must be requested by the Contractor through the COR and shall only be granted with approval of the Contracting Officer and the VA Assistant Secretary for Office of Information and Technology. These exceptions will be tracked by the Contractor in concert with the Government in accordance with VA Directive 6500.6 and related VA Handbooks.

(h) *Security and privacy incident investigation.*

(1) The term ‘‘privacy incident’’ means the unauthorized disclosure or use of VA information protected under a confidentiality statute or regulation.

(2) The term ‘‘security incident’’ means an occurrence that

(A) actually or imminently jeopardizes, without lawful authority, the integrity, confidentiality, or availability of information systems; or

(B) constitutes a violation or imminent threat of violation of law, security policies, security procedures, or acceptable policies. The Contractor/subcontractor shall immediately notify the Contracting Officer and COR for the contract of any known or suspected security or privacy incident, or any other unauthorized disclosure of sensitive information, including that contained in system(s) to which the Contractor/subcontractor has access.

(3) To the extent known by the Contractor/ subcontractor, the Contractor/subcontractor’s notice to VA shall identify the information involved, the circumstances surrounding the incident (including to whom, how, when, and where the VA information or assets were placed at risk or compromised), and any other information that the Contractor/subcontractor considers relevant.

(4) With respect to unsecured PHI, the Business Associate is deemed to have discovered a security incident as defined above when the Business Associate either knew, or by exercising reasonable diligence should have been known to an employee of the Business Associate. Upon discovery, the Business Associate must notify VHA of the security incident immediately within one hour of discovery or suspicion as agreed to in the BAA.

(5) In instances of theft or break-in or other criminal activity, the Contractor/subcontractor must concurrently report the incident to the appropriate law enforcement entity (or entities) of jurisdiction, including the VA OIG and the VA Office of Security and Law Enforcement. The Contractor, its employees, and its subcontractors and their employees shall cooperate with VA and any law enforcement authority responsible for the investigation and prosecution of any possible criminal law violation(s) associated with any incident. The Contractor/subcontractor shall cooperate with VA in any civil litigation to recover VA information, obtain monetary or other compensation from a third party for damages arising from any incident, or obtain injunctive relief against any third party arising from, or related to, the incident.

(i) *Data breach notification requirements.*

(1) This contract may require access to sensitive personal information. If so, the Contractor is liable to VA for liquidated damages in the event of a data breach involving any VA sensitive personal information the Contractor/Subcontractor processes or maintains under the contract as set forth in clause 852.211–76, Liquidated Damages—Reimbursement for Data Breach Costs.

(2) The Contractor/subcontractor shall provide notice to VA of a privacy or security incident as set forth in the Security and Privacy Incident Investigation section of this clause. The term ’data breach’ means the loss, theft, or other unauthorized access, or any access other than that incidental to the scope of employment, to data containing sensitive personal information, in electronic or printed form, that results in the potential compromise of the confidentiality or integrity of the data. The Contractor shall fully cooperate with VA or third-party entity performing

an independent risk analysis on behalf of VA. Failure to cooperate may be deemed a material breach and grounds for contract termination.

(3) The Contractor/subcontractor shall fully cooperate with VA or any Government agency conducting an analysis regarding any notice of a data breach or potential data breach or security incident which may require the Contractor to provide information to the Government or third-party performing a risk analysis for VA, and shall address all relevant information concerning the data breach, including the following:

(i) Nature of the event (loss, theft, unauthorized access).

(ii) Description of the event, including—

(A) Date of occurrence;

(B) Date of incident detection;

(C) Data elements involved, including any PII, such as full name, social security number, date of birth, home address, account number, disability code.

(D) Number of individuals affected or potentially affected.

(E) Names of individuals or groups affected or potentially affected.

(F) Ease of logical data access to the lost, stolen or improperly accessed data in light of the degree of protection for the data, *e.g.,* unencrypted, plain text.

(G) Amount of time the data has been out of VA control.

(H) The likelihood that the sensitive personal information will or has been compromised (made accessible to and usable by unauthorized persons).

(I) Known misuses of data containing sensitive personal information, if any.

(J) Assessment of the potential harm to the affected individuals.

(K) Data breach analysis as outlined in 6500.2 Handbook, Management of Breaches Involving Sensitive Personal Information, as appropriate.

(L) Whether credit protection services may assist record subjects in avoiding or mitigating the results of identity theft based on the sensitive personal information that may have been compromised.

(M) Steps taken in response to mitigate or prevent a repetition of the incident.

(j) *Training.*

(1) All Contractor employees and subcontractor employees requiring access to VA information or VA information systems shall complete the following before being granted access to VA information and its systems:

(i) On an annual basis, successfully complete the VA Privacy and Information Security Awareness and VA Information Security Rules of Behavior training.

(ii) On an annual basis, sign and acknowledge (either manually or electronically) understanding of and responsibilities for compliance with the VA Information Security Rules of Behavior for Organizational Users, relating to access to VA information and information systems.

(iii) Successfully complete any additional cyber security or privacy training, as required for VA personnel with equivalent information system access.

(2) The Contractor shall provide to the Contracting Officer and/or the COR a copy of the training certificates and affirmation that VA Information Security Rules of Behavior for Organizational Users signed by each applicable employee have been completed and submitted within five (5) days of the initiation of the contract and annually thereafter, as required.

(3) Failure to complete the mandatory annual training and acknowledgement of the VA Information Security Rules of Behavior, within the timeframe required, is grounds for suspension or termination of all physical or electronic access privileges and removal from work on the contract until such time as the training and documents are complete.

(k) *Subcontract flow down.* The Contractor shall include the substance of this clause, including this paragraph (k), in subcontracts, third-party agreements, and BAAs, of any amount and in which subcontractor employees, third-party servicers/employees, and business associates will perform functions where they will have access to VA information (including VA sensitive information, *i.e.,* sensitive personal information and protected health information), information systems, information technology (IT) or providing and accessing information technology-related contract services, support services, and related resources (see VAAR 802.101 definition of information technology-related contracts).

(End of Clause)

4.23 VAAR 852.222-71, COMPLIANCE WITH EXECUTIVE ORDER 13899. (DEVIATION) (APR 2025)

(a) The contractor shall comply with Executive Order 13899, Combating Anti-Semitism, pursuant to Title VI of the Civil Rights Act of 1964 (Title VI), 42 U.S.C. 2000d et seq.

(b) The contractor shall timely disclose, in writing, to the Contracting Officer, whenever, in connection with the award, performance, or closeout of this contract or any subcontract thereunder, the Contractor has credible evidence that a principal, employee, agent, or subcontractor of the Contractor has committed a violation under Executive Order 13899, Combatting Anti-Semitism pursuant to the Civil Rights Act of 1964 (Title VI), 42 U.S.C. 2000d et seq.

(c) The contractor shall include the terms and conditions of this clause in every subcontract or purchase order so that these terms will be binding on every subcontractor or vendor.

(END-OF-CLAUSE)

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4.24 VAAR 852.228-70 BOND PREMIUM ADJUSTMENT (JAN 2008)

When net changes in original contract price affect the premium of a Corporate Surety Bond by $5 or more, the Government, in determining the basis for final settlement, will provide for bond premium adjustment computed at the rate shown in the bond.

(End of Clause)

4.25 VAAR 852.232-72 ELECTRONIC SUBMISSION OF PAYMENT REQUESTS (NOV 2018)

(a) *Definitions.* As used in this clause—

(1) *Contract financing payment* has the meaning given in FAR 32.001;

(2) *Designated agency* office means the office designated by the purchase order, agreement, or contract to first receive and review invoices. This office can be contractually designated as the receiving entity. This office may be different from the office issuing the payment;

(3) *Electronic form* means an automated system transmitting information electronically according to the accepted electronic data transmission methods and formats identified in paragraph (c) of this clause. Facsimile, email, and scanned documents are not acceptable electronic forms for submission of payment requests;

(4) *Invoice payment* has the meaning given in FAR 32.001; and

(5) *Payment request* means any request for contract financing payment or invoice payment submitted by the contractor under this contract.

(b) *Electronic payment requests.* Except as provided in paragraph (e) of this clause, the contractor shall submit payment requests in electronic form. Purchases paid with a Government-wide commercial purchase card are considered to be an electronic transaction for purposes of this rule, and therefore no additional electronic invoice submission is required.

(c) *Data transmission.* A contractor must ensure that the data transmission method and format are through one of the following:

(1) VA's Electronic Invoice Presentment and Payment System at the current website address provided in the contract.

(2) Any system that conforms to the X12 electronic data interchange (EDI) formats established by the Accredited Standards Center (ASC) and chartered by the American National Standards Institute (ANSI).

(d) *Invoice requirements.* Invoices shall comply with FAR 32.905.

(e) *Exceptions*. If, based on one of the circumstances in this paragraph (e), the Contracting Officer directs that payment requests be made by mail, the Contractor shall submit payment requests by mail through the United States Postal Service to the designated agency office. Submission of payment requests by mail may be required for—

(1) Awards made to foreign vendors for work performed outside the United States;

(2) Classified contracts or purchases when electronic submission and processing of payment requests could compromise the safeguarding of classified or privacy information;

(3) Contracts awarded by contracting officers in the conduct of emergency operations, such as responses to national emergencies;

(4) Solicitations or contracts in which the designated agency office is a VA entity other than the VA Financial Services Center in Austin, Texas; or

(5) Solicitations or contracts in which the VA designated agency office does not have electronic invoicing capability as described above.

(End of Clause)

4.26 VAAR 852.236-71 SPECIFICATIONS AND DRAWINGS FOR CONSTRUCTION (APR 2019)

The clause entitled ‘‘Specifications and Drawings for Construction’’ in FAR 52.236– 21 is supplemented as follows:

(a) The Contracting Officer’s interpretation of the drawings and specifications will be final, subject to the Disputes clause.

(b) The Contractor shall—

(1) Check all drawings and specifications furnished immediately upon receipt;

(2) Compare all drawings and the specifications, and verify the figures before laying out the work;

(3) Promptly notify the Contracting Officer of any discrepancies;

(4) Be responsible for any errors that might have been avoided by complying with this paragraph (b); and

(5) Reproduce and print contract drawings and specifications as needed.

(c) In general—

(1) Drawings of greater detail shall govern over drawings of lesser detail unless specifically noted otherwise; and

(2) Figures and numerical quantities noted on drawings govern over scale measurements.

(d) Omissions from the drawings or specifications or the misdescription of details of work that are manifestly necessary to carry out the intent of the drawings and specifications, or that are customarily performed, shall not relieve the Contractor from performing such omitted or misdescribed details of the work. The Contractor shall perform such details as if fully and correctly set forth and described in the drawings and specifications.

(e) The work shall conform to the specifications and the contract drawings identified on the following index of drawings:

Title	File	Drawing No.
See Attachments 2 - 8 Drawings See Attachment 9 - Specifications		

(End of Clause)

4.27 VAAR 852.236-72 PERFORMANCE OF WORK BY THE CONTRACTOR (APR 2019) ALTERNATE I (APR 2019)

(a) In accordance with FAR 52.236–1, the contract work accomplished on the site by laborers, mechanics, and foreman/superintendent on the Contractor's payroll and under their direct supervision shall be used in establishing the percent of work to be performed by the Contractor. Cost of material and equipment installed by such labor may be included. The work by the Contractor's executive, administrative and clerical forces shall be excluded in establishing compliance with the requirements of this clause.

(b) The Contractor shall submit, simultaneously with the cost per activity of the construction schedule required by Section 01310 or 01311, NETWORK ANALYSIS SYSTEM, a responsibility code for all activities of the network for which the Contractor's forces will perform the work. The cost of these activities will be used in determining the portions of the total contract work to be executed by the Contractor's forces for the purpose of this article.

(c) Changes to established activity/event identifiers or responsibility codes for Contractor activities shall not be made without approval from the Contracting Officer.

(d) In the event the Contractor fails to comply with FAR 52.236–1, Performance of Work by the Contractor, the Contracting Officer will withhold retention in the amount of 15% of the value of any work activity/element being invoiced that was not authorized by the Contracting Officer to be performed by someone other than the prime Contractor's own workforce.

(End of Clause)

4.28 VAAR 852.236-79 CONTRACTOR PRODUCTION REPORT (APR 2019)

(a) The Contractor shall furnish to the resident engineer, for each workday, a consolidated report for the preceding workday. Reporting shall begin from date of mobilization until the date of final acceptance except for authorized holidays. VA Form 10101, Contractor Production Report, or a Contractor generated form containing the same type of information shall be signed, dated and submitted by the Contractor superintendent.

(b) Each report shall include and specifically identify at least one safety topic germane to the jobsite that day.

(End of Clause)

4.29 VAAR 852.236-80 SUBCONTRACTS AND WORK COORDINATION (APR 2019) ALTERNATE I (APR 2019)

(a) Nothing contained in this contract shall be construed as creating any contractual relationship between any subcontractor and the Government. Divisions or sections of specifications are not intended to control the Contractor in dividing work among subcontractors, or to limit work performed by any trade.

(b) The Contractor shall be responsible to the Government for acts and omissions of his/her own employees, and subcontractors and their employees. The Contractor shall also be responsible for coordination of the work of the trades, subcontractors, and material suppliers. The Contractor shall, in advance of the work, prepare coordination drawings showing the location of openings through slabs, the pipe sleeves and hanger inserts, as well as the location and elevation of utility lines, including, but not limited to, conveyor systems, pneumatic tubes, ducts, and conduits and pipes two inches and larger in diameter. These drawings, including plans, elevations, and sections as appropriate, shall clearly show the manner in which the utilities fit into the available space and relate to each other and to existing building elements. Drawings shall be of appropriate scale to satisfy the previously stated purposes, but not smaller than 3⁄8-inch scale. Drawings may be composite (with distinctive colors for the various trades) or may be separate but fully coordinated drawings (such as sepias or photographic paper reproducibles) of the same scale. Separate drawings shall depict identical building areas or sections and shall be capable of being overlaid in any combination. The submitted drawings for a given area of the project shall show the work of all trades that will be involved in that particular area. Six complete composite drawings or six complete sets of separate reproducible drawings shall be received by the Government not less than 20 days prior to the scheduled start of the work in the area illustrated by the drawings, for the purpose of showing the Contractor's planned methods of installation. The objectives of such drawings are to promote carefully planned work sequence and proper trade coordination, in order to assure the expeditious solutions of problems and the installation of lines and equipment as contemplated by the contract documents while avoiding or minimizing additional costs to the Contractor and to the Government. In the event the Contractor, in coordinating the various installations and in planning the method of installation, finds a conflict in location or elevation of any of the utilities with themselves, with structural items or with other construction items, he/she shall bring this conflict to the attention of the Contracting Officer immediately. In doing so, the Contractor shall explain the proposed method of solving the problem or shall request instructions as to how to proceed if adjustments beyond those of usual trades' coordination are necessary. Utilities installation work will not proceed in any area prior to the submission and completion of the Government review of the coordinated drawings for that area, nor in any area in which conflicts are disclosed by the coordination drawings, until the conflicts have been corrected to the satisfaction of the Contracting Officer. It is the responsibility of the Contractor to submit the required drawings in a timely manner consistent with the requirements to complete the work covered by this contract within the prescribed contract time.

(c) The Government or its representatives will not undertake to settle any differences between the Contractor and subcontractors or between subcontractors.

(d) The Government reserves the right to refuse to permit employment on the work, or require dismissal from the work, of any subcontractor or subcontractor employee who, by reason of previous unsatisfactory work on Department of Veterans Affairs projects or for any other reason, is considered by the Contracting Officer to be incompetent, careless, or otherwise objectionable.

(End of Clause)

4.30 VAAR 852.236-90 RESTRICTION ON SUBMISSION AND USE OF EQUAL PRODUCTS (APR 2019)

(a) This clause applies to the following items:

Door Hardware
Corbin Russwin with Assa Abloy Medeco CLIQ X4 cylinders
See Attachment - 15 Brand Name Justification
for additional information

(b) Notwithstanding the ‘‘Material and Workmanship’’ clause of this contract, FAR 52.236–5(a), nor any other clause or provision, only brand name products for the items listed above will be authorized for use on this contract.

(End of Clause)

4.31 VAAR 852.239-76 INFORMATION AND COMMUNICATION TECHNOLOGY ACCESSIBILITY (FEB 2023)

(a) All information and communication technology (ICT) (formerly referred to as electronic and information technology (EIT)) supplies, information, documentation and services support developed, acquired, maintained or delivered under this contract or order must comply with the ‘‘Architectural and Transportation Barriers Compliance Board Electronic and Information Technology (EIT) Accessibility Standards’’ (see 36 CFR part 1194). Information about Section 508 is available at *http://www.section508.va.gov/*.

(b) The Section 508 accessibility standards applicable to this contract or order are identified in the specification, statement of work, or performance work statement. If it is determined by the Government that ICT supplies and services provided by the Contractor do not conform to the described accessibility standards in the contract, remediation of the supplies or services to the level of conformance specified in the contract will be the responsibility of the Contractor at its own expense.

(c) The Section 508 accessibility standards applicable to this contract are: FAR Parts 407.7, 407.8, 407.12

(d) In the event of a modification(s) to this contract or order, which adds new EIT supplies or services or revises the type of, or specifications for, supplies or services, the Contracting Officer may require that the Contractor submit a completed VA Section 508 Checklist and any other additional information necessary to assist the Government in determining that the ICT supplies or services conform to Section 508 accessibility standards. If it is determined by the

Government that ICT supplies and services provided by the Contractor do not conform to the described accessibility standards in the contract, remediation of the supplies or services to the level of conformance specified in the contract will be the responsibility of the Contractor at its own expense.

(e) If this is an Indefinite-Delivery type contract, a Blanket Purchase Agreement or a Basic Ordering Agreement, the task/delivery order requests that include ICT supplies or services will define the specifications and accessibility standards for the order. In those cases, the Contractor may be required to provide a completed VA Section 508 Checklist and any other additional information necessary to assist the Government in determining that the ICT supplies or services conform to Section 508 accessibility standards. If it is determined by the Government that ICT supplies and services provided by the Contractor do not conform to the described accessibility standards in the provided documentation, remediation of the supplies or services to the level of conformance specified in the contract will be the responsibility of the Contractor at its own expense.

(End of Clause)

4.32 VAAR 852.242-71 ADMINISTRATIVE CONTRACTING OFFICER (OCT 2020)

The Contracting Officer reserves the right to designate an Administrative Contracting Officer (ACO) for the purpose of performing certain tasks/duties in the administration of the contract. Such designation will be in writing through an ACO Letter of Delegation and will identify the responsibilities and limitations of the ACO. A copy of the ACO Letter of Delegation will be furnished to the Contractor.

(End of Clause)

4.33 VAAR 852.243-70 CONSTRUCTION CONTRACT CHANGES—SUPPLEMENT (SEP 2019)

The FAR clauses 52.236-2, Differing Site Conditions; 52.243-4, Changes; and 52.243-5, Changes and Changed Conditions, are supplemented as follows:

(a) Submission of request for equitable adjustment proposals. When directed by the Contracting Officer or requested by the Contractor, the Contractor shall, in accordance with FAR 15.403-5, submit proposals for changes in the work exceeding $500,000 in writing to the Contracting Officer or Administrative Contracting Officer (ACO), and to the resident engineer.

(1) The Contractor must provide an itemized breakdown for changes exceeding the micro-purchase threshold (see FAR 2.101).

(2) The itemized breakdown shall include materials, quantities, unit prices, labor costs (separated into trades), construction equipment, etc. Labor costs shall be identified with specific material placed or operation performed.

(3) Proposals shall be submitted to the Contracting Officer or ACO and the resident engineer as expeditiously as possible, but not later than 30 calendar days, after receipt of a written change order by the Contracting Officer.

(4) Proposals shall be signed by each subcontractor participating in the change.

(5) The Contracting Officer will consider issuing a settlement by determination to the contract if the Contractor's proposal required by paragraph (a)(3) of this clause is not received within the time period specified in paragraph (a)(3), or if agreement has not been reached.

(b) Paragraphs (a)(1) through (5) of this clause and the following paragraphs (b)(1) and (2) apply to proposals for changes in the work $500,000 or less:

(1) As a basis for negotiation, allowances not to exceed 10 percent each for overhead and profit for the party performing the work will be based on the value of labor, material, and equipment required to accomplish the change. As the value of the change increases, a declining scale will be used in negotiating the percentage of overhead and profit. This declining scale will also be used to negotiate the prime Contractor's or upper-tier subcontractor's fee when work is performed by lower-tier subcontractors (to a maximum of three tiers) and will be based on the net increased cost to the prime or upper-tier subcontractor, as applicable. Profit (fee) shall be computed by multiplying the profit percentage by the sum of the direct costs and computed overhead costs. Allowable percentages on changes will not exceed the following:

(i) 10 percent overhead and/or 10 percent profit (fee) on the first $20,000.

(ii) 7.5 percent overhead and/or 7.5 percent profit (fee) on the next $30,000.

(iii) 5 percent overhead and/or 5 percent profit (fee) on a balance over $50,000.

(2) The Contracting Officer will consider issuing a settlement by determination to the contract if the Contractor's proposal required by paragraph (3) is not received within 30 calendar days, or if agreement has not been reached.

(c)(1) Overhead and Contractor's fee percentages shall be considered to include insurance other than mentioned herein, field and office supervisors and assistants, security police, use of small tools, incidental job burdens, and general home office expenses and no separate allowance will be made. Assistants to office supervisors include all clerical, stenographic and general office help. Incidental job burdens include, but are not necessarily limited to, office equipment and supplies, temporary toilets, telephone and conformance to OSHA requirements. Items such as, but not necessarily limited to, review and coordination, estimating and expediting relative to contract changes are associated with field and office supervision and are considered to be included in the Contractor's overhead and/or fee percentage.

(2) Where the Contractor's or subcontractor's portion of a change involves credit items, such items must be deducted prior to adding overhead and profit for the party performing the work. The Contractor's fee is limited to the net increase to Contractor or subcontractors' portions of cost computed in accordance with this clause.

(3) Where a change involves credit items only, a proper measure of the amount of downward adjustment in the contract price is the reasonable cost to the Contractor if it had performed the deleted work. A reasonable allowance for overhead and profit are properly includable as part of the downward adjustment for a deductive change. The amount of such allowance is subject to negotiation.

(End of Clause)

4.34 MANDATORY WRITTEN DISCLOSURES

Mandatory written disclosures required by FAR clause 52.203-13 to the Department of Veterans Affairs, Office of Inspector General (OIG) must be made electronically through the VA OIG Hotline at https://www.vaoig.gov/hotline/online-forms and clicking on "FAR clause 52.203-13 Reporting." If you experience difficulty accessing the website, call the Hotline at 1-800-488-8244 for further instructions.

4.35 VAAR 852.203-70 COMMERCIAL ADVERTISING (MAY 2018)

The Contractor shall not make reference in its commercial advertising to Department of Veterans Affairs contracts in a manner that states or implies the Department of Veterans Affairs approves or endorses the Contractor's products or services or considers the Contractor's products or services superior to other products or services.

(End of Clause)

4.36 VAAR 852.219-73 VA NOTICE OF TOTAL SET-ASIDE FOR CERTIFIED SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESSES (JAN 2023) (DEVIATION)

(a) *Definition*. for the Department of Veterans Affairs, ''*Service-disabled Veteran-owned small business concern or SDVOSB''*:

(1) Means a small business concern—

(i) Not less than 51 percent of which is owned by one or more service-disabled Veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled Veterans or eligible surviving spouses (see VAAR 802.201, Surviving Spouse definition);

(ii) The management and daily business operations of which are controlled by one or more service-disabled Veterans (or eligible surviving spouses) or, in the case of a service-disabled Veteran with permanent and severe disability, the spouse or permanent caregiver of such Veteran;

(iii) The business meets Federal small business size standards for the applicable North American Industry Classification System (NAICS) code identified in the solicitation document;

(iv) The business has been certified for ownership and control pursuant to 38 U.S.C. 8127, 13 CFR 128, and is listed as certified in the SBA certification database at *https://veterans.certify.sba.gov/*; and

(v) The business agrees to comply with VAAR subpart 819.70 and Small Business Administration (SBA) regulations regarding small business size, government contracting, and the Veteran Small Business Certification Program at 13 CFR parts 121, 125, and 128.

(2) The term ''Service-disabled Veteran'' means a Veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

(3) The term ‘‘small business concern’’ has the meaning given that term under section 3 of the Small Business Act (15 U.S.C. 632).

(4) The term ‘‘small business concern owned and controlled by Veterans with service-connected disabilities’’ has the meaning given the term ‘‘*small business concern owned and controlled by service-disabled veterans*’’ under section 3(q)(2) of the Small Business Act (15 U.S.C. 632(q)(2)).

(5) The term *“SDVOSB participant”* or *certified SDVOSB* means a small business that has been certified in the SBA Veteran Small Business Certification Program and listed in the SBA certification database (see 13 CFR 128.102).

(b) *General*. In order for a concern to submit an offer and be eligible for the award of an SDVOSB set-aside or sole source contract, the concern must qualify as a small business concern under the size standard corresponding to the NAICS code assigned to the contract and be listed as an SDVOSB participant in the SBA certification database as set forth in 13 CFR 128.

(1) Offers received from entities that are not certified SDVOSBs and listed in the SBA certification database at the time of offer shall not be considered.

(2) Any award resulting from this solicitation shall be made to a certified SDVOSB listed in the SBA certification database who is eligible at the time of submission of offer(s) and at the time of award.

(3) The requirements in this clause apply to any contract, order or subcontract where the firm receives a benefit or preference from its designation as an SDVOSB, including set-asides, sole source awards, and evaluation preferences.

(c) *Representation*. Pursuant to 38 U.S.C. 8127(e), only certified SDVOSBs listed in the SBA certification database are considered eligible to receive award of a resulting contract. By submitting an offer, the prospective contractor represents that it is an eligible and certified SDVOSB as defined in this clause, 13 CFR 121, 125, and 128, and VAAR subpart 819.70.

(d) *Agreement*/*LOS certification.* When awarded a contract action, including orders under multipleaward contracts, an SDVOSB agrees that in the performance of the contract, the SDVOSB shall comply with requirements in VAAR subpart 819.70 and SBA regulations on small business size, and government contracting programs at 13 CFR part 121 and part 125, including the non-manufacturer rule and limitations on subcontracting (LOS) requirements in 13 CFR 121.406(b) and 13 CFR 125.6. For the purpose of limitations on subcontracting, only certified SDVOSBs listed in the SBA certification database (including independent contractors) shall be considered eligible and/or ‘‘similarly situated’’ (i.e., a firm that has the same small business program status as the prime contractor). An otherwise eligible firm further agrees to comply with the required LOS certification requirements in this solicitation (see 852.219–75 or 852.219–76 as applicable). These requirements are summarized as follows:

(1) *Services*. In the case of a contract for services (except construction), the SDVOSB prime contractor will not pay more than 50% of the amount paid by the government to the prime for contract performance to firms that are not certified SDVOSBs listed in the SBA certification

database (excluding direct costs to the extent they are not the principal purpose of the acquisition and the SDVOSB/ VOSB does not provide the service, such as airline travel, cloud computing services, or mass media purchases). When a contract includes both services and supplies, the 50 percent limitation shall apply only to the service portion of the contract.

(2) *Supplies/products*.

(i) In the case of a contract for supplies or products (other than from a non-manufacturer of such supplies), the SDVOSB prime contractor will not pay more than 50% of the amount paid by the government to the prime for contract performance, excluding the cost of materials, to firms that are not certified SDVOSBs listed in the SBA certification database. When a contract includes both supply and services, the 50 percent limitation shall apply only to the supply portion of the contract.

(ii) In the case of a contract for supplies from a non-manufacturer, the SDVOSB prime contractor will supply the product of a domestic small business manufacturer or processor, unless a waiver as described in 13 CFR 121.406(b)(5) has been granted. Refer to 13 CFR 125.6(a)(2)(ii) for guidance pertaining to multiple item procurements.

(3) *General construction*. In the case of a contract for general construction, the SDVOSB prime contractor will not pay more than 85% of the amount paid by the government to the prime for contract performance, excluding the cost of materials, to firms that are not certified SDVOSBs listed in the SBA certification database.

(4) *Special trade construction contractors*. In the case of a contract for special trade contractors, no more than 75% of the amount paid by the government to the prime for contract performance, excluding the cost of materials, may be paid to firms that are not certified SDVOSBs listed in the SBA certification database.

(5) *Subcontracting*. An SDVOSB subcontractor must meet the NAICS size standard assigned by the prime contractor and be certified and listed in the SBA certification database to count as similarly situated. Any work that a first tier SDVOSB subcontractor further subcontracts will count towards the percent of subcontract amount that cannot be exceeded. For supply or construction contracts, the cost of materials is excluded and not considered to be subcontracted. When a contract includes both services and supplies, the 50 percent limitation shall apply only to the portion of the contract with the preponderance of the expenditure upon which the assigned NAICS is based. For information and more specific requirements, refer to 13 CFR 125.6.

(e) *Required limitations on subcontracting compliance measurement period*. An SDVOSB shall comply with the limitations on subcontracting as follows:

[X] By the end of the base term of the contract or order, and then by the end of each subsequent option period; or

[] By the end of the performance period for each order issued under the contract.

(f) *Joint ventures*. A joint venture may be considered eligible as an SDVOSB if the joint venture complies with the requirements in 13 CFR 128.402 and the managing joint venture partner makes the representations under paragraph (c) of this clause. A joint venture agrees that, in the

performance of the contract, the applicable percentage specified in paragraph (d) of this clause will be performed by the aggregate of the joint venture participants.

(g) *Precedence*. The VA Veterans First Contracting Program, as defined in VAAR 802.101, subpart 819.70, and this clause, takes precedence over any inconsistencies between the requirements of the SBA Veteran Small Business Certification Program and the VA Veterans First Contracting Program.

(h) *Misrepresentation*. Pursuant to 38 U.S.C. 8127(g), any business concern, including all its principals, that is determined by VA to have willfully and intentionally misrepresented a company's SDVOSB status is subject to debarment from contracting with the Department for a period of not less than five years (see VAAR 809.406–2 Causes for Debarment).

(End of Clause)

4.37 VAAR 852.219-75 VA NOTICE OF LIMITATIONS ON SUBCONTRACTING—CERTIFICATE OF COMPLIANCE FOR SERVICES AND CONSTRUCTION (JAN 2023) (DEVIATION)

(a) Pursuant to 38 U.S.C. 8127(l)(2), the offeror certifies that—

(1) If awarded a contract (see FAR 2.101 definition), it will comply with the limitations on subcontracting requirement as provided in the solicitation and the resultant contract, as follows:

(i) [] *Services*. In the case of a contract for services (except construction), the contractor will not pay more than 50% of the amount paid by the government to it to firms that are not certified SDVOSBs listed in the SBA certification database as set forth in 852.219–73 or certified VOSBs listed in the SBA certification database as set forth in 852.219–74. Any work that a similarly situated certified SDVOSB/VOSB subcontractor further subcontracts will count towards the 50% subcontract amount that cannot be exceeded. Other direct costs may be excluded to the extent they are not the principal purpose of the acquisition and small business concerns do not provide the service as set forth in 13 CFR 125.6.

(ii) [X] *General construction*. In the case of a contract for general construction, the contractor will not pay more than 85% of the amount paid by the government to it to firms that are not certified SDVOSBs listed in the SBA certification database as set forth in 852.219–73 or certified VOSBs listed in the SBA certification database as set forth in 852.219–74. Any work that a similarly situated certified SDVOSB/VOSB subcontractor further subcontracts will count towards the 85% subcontract amount that cannot be exceeded. Cost of materials are excluded and not considered to be subcontracted.

(iii) [] *Special trade construction contractors*. In the case of a contract for special trade contractors, the contractor will not pay more than 75% of the amount paid by the government to it to firms that are not certified SDVOSBs listed in the SBA certification database as set forth in 852.219–73 or certified VOSBs listed in the SBA certification database as set forth in 852.219–74. Any work that a similarly situated certified SDVOSB/VOSB subcontractor further subcontracts will count towards the 75% subcontract amount that cannot be exceeded. Cost of materials are excluded and not considered to be subcontracted.

(2) The offeror acknowledges that this certification concerns a matter within the jurisdiction of an Agency of the United States. The offeror further acknowledges that this certification is subject to Title 18, United States Code, Section 1001, and, as such, a false, fictitious, or fraudulent certification may render the offeror subject to criminal, civil, or administrative penalties, including prosecution.

(3) If VA determines that an SDVOSB/ VOSB awarded a contract pursuant to 38 U.S.C. 8127 did not act in good faith, such SDVOSB/VOSB shall be subject to any or all of the following:

(i) Referral to the VA Suspension and Debarment Committee;

(ii) A fine under section 16(g)(1) of the Small Business Act (15 U.S.C. 645(g)(1)); and

(iii) Prosecution for violating 18 U.S.C. 1001.

(b) The offeror represents and understands that by submission of its offer and award of a contract it may be required to provide copies of documents or records to VA that VA may review to determine whether the offeror complied with the limitations on subcontracting requirement specified in the contract. Contracting officers may, at their discretion, require the contractor to demonstrate its compliance with the limitations on subcontracting at any time during performance and upon completion of a contract if the information regarding such compliance is not already available to the contracting officer. Evidence of compliance includes, but is not limited to, invoices, copies of subcontracts, or a list of the value of tasks performed.

(c) The offeror further agrees to cooperate fully and make available any documents or records as may be required to enable VA to determine compliance with the limitations on subcontracting requirement. The offeror understands that failure to provide documents as requested by VA may result in remedial action as the Government deems appropriate.

(d) Offeror completed certification/fill-in required. The formal certification must be completed, signed and returned with the offeror's bid, quotation, or proposal. The Government will not consider offers for award from offerors that do not provide the certification, and all such responses will be deemed ineligible for evaluation and award.

Certification

I hereby certify that if awarded the contract, [insert name of offeror] will comply with the limitations on subcontracting specified in this clause and in the resultant contract. I further certify that I am authorized to execute this certification on behalf of [insert name of offeror].

Printed Name of Signee: _____

Printed Title of Signee: _____

Signature: _____

Date: _____

Company Name and Address: _____

(End of Clause)

4.38 VAAR 852.223-71 SAFETY AND HEALTH (SEP 2019)

(a) To help ensure the protection of the life and health of all persons, and to help prevent damage to property, the Contractor shall comply with all Federal, State, and local laws and regulations applicable to the work being performed under this contract. These laws are implemented or enforced by the Environmental Protection Agency (EPA), Occupational Safety and Health Administration (OSHA) and other regulatory/enforcement agencies at the Federal, State, and local levels.

(1) Additionally, the Contractor shall comply with the following regulations when developing and implementing health and safety operating procedures and practices for both personnel and facilities involving the use or handling of hazardous materials and the conduct of research, development, or test projects:

(i) 29 CFR 1910.1030, Bloodborne pathogens; 29 CFR 1910.1450, Occupational exposure to hazardous chemicals in laboratories. These regulations are available at https://www.osha.gov/.

(ii) Nuclear Regulatory Commission Standards and Regulations, pursuant to the Energy Reorganization Act of 1974 (42 U.S.C. 5801 et seq.) Copies are available from the U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.

(2) The following Government guidelines are recommended for developing and implementing health and safety operating procedures and practices for both personnel and facilities:

(i) Biosafety in Microbiological and Biomedical Laboratories, Centers for Disease Control and Prevention (CDC), available at http://www.cdc.gov/biosafety/publications/index.htm.

(ii) Prudent Practices in the Laboratory, National Research Council, National Academy Press, Washington, DC 20001, available at http://www.nap.edu.

(b)(1) The Contractor shall maintain an accurate record of, and promptly report to the Contracting Officer, all accidents or incidents resulting in the exposure of persons to toxic substances, hazardous materials; the injury or death of any person; or damage to property incidental to work performed under the contract resulting from toxic or hazardous materials and resulting in any or all violations for which the Contractor has been cited by any Federal, State or local regulatory/enforcement agency.

(2) The report shall include a copy of the notice of violation and the findings of any inquiry or inspection, and an analysis addressing the impact these violations may have on the work remaining to be performed. The report shall also state the required action(s), if any, to be taken to correct any violation(s) noted by the Federal, State, or local regulatory/enforcement agency and the time frame allowed by the agency to accomplish the necessary corrective action.

(c) If the Contractor fails or refuses to comply with the Federal, State or local regulatory/enforcement agency's directive(s) regarding any violation(s) and prescribed corrective action(s), the Contracting Officer may issue an order stopping all or part of the work until satisfactory corrective action (as approved by the Federal, State, or local regulatory/enforcement agencies) has been taken and documented to the Contracting Officer.

No part of the time lost due to any such stop work order shall form the basis for a request for extension or costs or damages by the Contractor.

(d) The Contractor shall insert this clause in each subcontract involving toxic substances or hazardous materials. The Contractor is responsible for the compliance of its subcontractors with the provisions of this clause.

(End of Clause)

See attached document: Attachment 1 - SOW - EHRM Tuscaloosa.

See attached document: Attachment 2 - EHRM RTA Drawings_Electrical.

See attached document: Attachment 3 - EHRM RTA Drawings_Fire Protection.

See attached document: Attachment 4 - EHRM RTA Drawings_General and Civil.

See attached document: Attachment 5 - EHRM RTA Drawings_Mechanical and Plumbing.

See attached document: Attachment 6 - EHRM RTA Drawings_Structural and Architecture.

See attached document: Attachment 7 - EHRM RTA Drawings_Telecommunications General and Demolition.

See attached document: Attachment 8 -EHRM RTA Drawings_Telecommunications General and New Work.

See attached document: Attachment 9 - EHRM RTA Specifications.

See attached document: Attachment 10 - Submittal Register RTA.

See attached document: Attachment 11 - TVAMC Site Map_PSRDM.

See attached document: Attachment 12 - Geotechnical Report - EHRM Data Center.

See attached document: Attachment 13 - Limitations on Subcontracting - Construction.

See attached document: Attachment 14 - WD - AL20240098 - 01.03.2025.

See attached document: Attachment 15 - Brand Name - EHRM Tuscaloosa.

See attached document: Attachment 16 - Brand Name - Corbin Russwin - Manufacture Document.

See attached document: Attachment 17 - Division Cost Breakdown.

End of Document