DEPARTMENT OF VETERANS AFFAIRS
G.V. (SONNY) MONTGOMERY VAMC
JACKSON, MS

PROJECT NO. 586-22-102

RENOVATION OF PC BLUE FOR PACT

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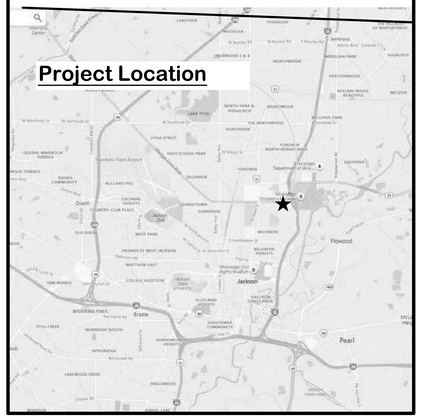
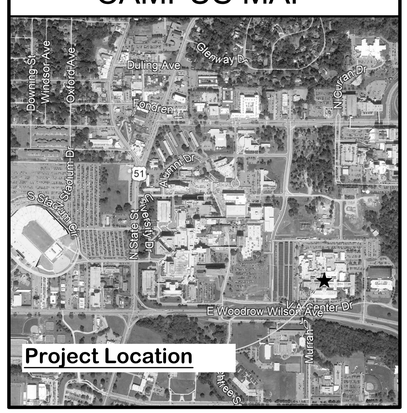
VICINITY MAP



CAMPUS MAP



GENERAL NOTES APPLICABLE TO ALL DRAWINGS FOR THIS PROJECT

1. ALL NOTES ON ALL DRAWINGS PERTAIN TO THE CONTRACTOR.
2. NO SMOKING IN AREAS OTHER THAN OFFICIALLY MARKED AS SMOKING AREA WILL BE PERMITTED ON VA PREMISES.
3. THE CONTRACTOR SHALL BE PREPARED TO STOP ANY WORK AND CLEAR UP THE WORK AREA IF SO ASKED IN MEDICAL SITUATIONS REQUIRING SUCH ACTION.
4. ALL TOOLS AND MATERIAL USED IN THE PROJECT SHALL BE PROPERLY SECURED AT ALL TIMES BY THE CONTRACTOR TO REDUCE THE POSSIBILITY OF ANY OF THESE TOOLS BEING A HAZARD TO PATIENTS, VISITORS OR STAFF.
5. ALL VA PROPERTY THAT IS NOT PERMANENTLY REMOVED FROM VA PREMISES UNDER THIS PROJECT WHICH IS DAMAGED BY CONSTRUCTION OF THIS PROJECT, SHALL BE REPLACED OR REPAIRED TO MATCH OR EXCEED THE QUALITY THAT EXISTED BEFORE THE DAMAGE.
6. THE CONTRACTOR, AT HIS EXPENSE WILL BE RESPONSIBLE FOR TRAINING EACH MEMBER OF HIS WORK FORCE ON VA POLICIES FOR ON-SITE WORK BEFORE ANY MEMBER WILL BE ALLOWED TO PERFORM WORK ON VA PREMISES. BACKGROUND CHECKS WILL BE REQUIRED ON ALL EMPLOYEES AND ALL EMPLOYEES MUST BE BADGED IN ACCORDANCE WITH VA POLICE DEPARTMENT AND THE VA.
7. ABSOLUTELY NO VA TOOLS, MATERIALS OR EQUIPMENT WILL BE LOANED OR GIVEN BY THE VA TO ANY MEMBER OF THE CONTRACTOR'S WORK FORCE AT ANY TIME.
8. ANY SMOKE DETECTORS HAVING ANY POTENTIAL FOR EXPOSURE TO CONSTRUCTION SMOKE, DUST AND DEBRIS SHALL BE SUITABLY ATTENDED TO IN ORDER TO PREVENT ACCIDENTAL ALARM. ALL SUCH ACTION MUST BE FIRST COORDINATED AND CLEARED WITH THE COR AND THE VA SAFETY OFFICER. ALL FIRE ALARM DEVICES SHALL BE ACTIVE WHEN CONTRACTOR'S FORCES ARE VACANT FROM ANY AREA AT ANY TIME.
9. CONTRACTOR SHALL COORDINATE WITH THE COR AND CONTRACTING OFFICER.
10. SEE SPECIFICATION SECTION 01 35 26 SAFETY REQUIREMENTS.
11. GENERAL HOURS OF WORK SHALL BE RESTRICTED FROM 0730 TO 1600 MONDAY THRU FRIDAY EXCEPT FEDERAL HOLIDAYS. CONTRACTOR MAY SUBMIT A REQUEST FOR OFF-HOUR WORK A MINIMUM 72 HOURS IN ADVANCE. APPROVAL IS AT SOLE DISCRETION OF THE VA. WHEN SOME NIGHT/WEEKEND WORK IS REQUIRED, COORDINATE WITH PHASING PLAN SHEET A101.

VA APPROVAL

DEPARTMENT	SIGNATURES
MEDICAL CENTER DIRECTOR	
MEDICAL CENTER ASSOCIATE DIRECTOR	
CHIEF OF STAFF	
ASSOCIATE DIRECTOR OF PATIENT CARE	
DEPUTY CHIEF OF STAFF / PHYSICAL MEDICINE & REHAB SERVICE REPRESENTATIVE	
SAFETY OFFICE	
PROJECT MANAGER	
INFECTION PREVENTION	
ENGINEERING CHIEF	

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LA LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

STAMP

MICHAEL G. LACHIN Reg. No. 14,276 STATE OF LOUISIANA REGISTERED ARCHITECT

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: COVER SHEET	Phase: FINAL SUBMISSION	Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH	Project Number: 586-22-102
Approved:		Location: 1500 E. Woodrow Wilson Dr. Jackson, MS	Building Number: 1
		Issue Date: 2/20/2025 / Checked: MGL / Drawn: TAC	Drawing Number: G001

VA FORM 08 - 6231

MATERIAL SYMBOLS

- WOOD
- WOOD FINISH
- ALUMINUM
- STEEL
- EARTH
- CONCRETE
- GYPSUM - PLASTER
- MASONRY - CONCRETE BLOCK
- RIGID INSULATION
- BATT INSULATION
- PLYWOOD

GRAPHIC SYMBOLS

- ENLARGED PLAN / DETAIL REFERENCE
- GLAZING TYPE TAG — A
- INTERIOR ELEVATION — A1 / A203
- SPOT ELEVATION — X'-X"
- FLOOR LINES IN EXTERIOR ELEVATION; CENTER
- PROPERTY LINE, BOUNDARY LINES
- MATCH LINE
- BREAK LINE
- REVISION — 1
- REVISION CLOUD — 1
- CENTERLINE
- DOOR TAG — 101
- PARTITION TAG — 1
- VIEW / DETAIL TITLE — 1 / A001 — DRAWING BLOCK TITLE — SCALE: 1"=1'-0"
- SECTION / DETAIL
- BUILDING SECTION
- WALL SECTION
- BUILDING ELEVATION
- NORTH ARROW — M
- LEVEL ANNOTATION — Name / Elevation
- COLUMN GRID TAG — 0
- EQUIPMENT TAG — 0000
- ROOM TAG — Room name / 101
- ROOM FINISH TAG — WALL FINISH: WX, FX, SX, WX; FLOOR; BASE; BW
- FINISH MATERIAL TAG — XX-## / XX-##
- PARTITION WITH CORNER GUARD
- PARTITION WITH WALL GUARD
- PARTITION WITH END CAP
- PARTITION WITH ADDITIONAL BRACING

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
ACT	ACOUSTICAL CEILING TILE
ALUM	ALUMINUM
BD	BOARD
BOT	BOTTOM
BUR	BUILT-UP ROOFING
CIP	CAST-IN-PLACE
CEM	CEMENT
CTR	CENTER
CL	CENTER LINE
CT	CERAMIC TILE
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
CO	CLEANOUT, CASED OPENING
COL	COLUMN
CONC	CONCRETE
COR	CONTRACTING OFFICER OF RECORD
CJ	CONTROL JOINT
DET	DETAIL
DIA	DIAMETER
DIM	DIMENSION
DR	DOOR
DS	DOWNSPOUT
EWC	ELECTRIC WATER COOLER
EQ	EQUAL
EXP	EXPANSION
EJ	EXPANSION JOINT
FRP	FIBER REINFORCED POLYESTER
FIN FLR	FINISH FLOOR
FE	FIRE EXTINGUISHER
FD	FLOOR DRAIN
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GYP	GYPSUM
HVAC	HEATING, VENTILATING & AIR CONDITIONING
HEPA	HIGH EFFICIENCY PARTICULATE AIR
HM	HOLLOW METAL
INT	INTERIOR
LAM	LAMINATE
LAV	LAVATORY
MO	MASONRY OPENING
MECH	MECHANICAL
MTL	METAL
MOD BIT	MODIFIED BITUMEN
MS	MOP SINK
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OC	ON CENTERS
OPP	OPPOSITE
O/O	OUT TO OUT
OA	OVERALL
OH	OVERHANG
PT	PAINT
PNL	PANEL
PTD	PAPER TOWEL DISPENSER
PLAS	PLASTER
PLAM	PLASTIC LAMINATE
PLBG	PLUMBING
PLYWD	PLYWOOD
PL	PROPERTY LINE
QT	QUARRY TILE
RA	RETURN AIR
REV	REVISION
RTU	ROOF TOP UNIT
RO	ROUGH OPENING
SAB	SOUND ATTENUATION BATTS
SND	SANITARY NAPKIN DISPENSER
SJ	SCORED JOINT
SS	SERVICE SINK, STAINLESS STEEL
SIM	SIMILAR
SD	SOAP DISPENSER
SC	SOLID CORE
TER	TERRAZZO
TPD	TOILET PAPER DISPENSER
TO_	TOP OF_
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
VFCI	VA FURNISHED, CONTRACTOR INSTALLED
VFVI	VA FURNISHED, VA INSTALLED
VAV	VARIABLE AIR VOLUME
VTR	VENT THROUGH ROOF
VCT	VINYL COMPOSITION TILE
WC	WATER CLOSET
WR	WEATHER RESISTANT
WD	WOOD

CODES

2010: ADA STANDARDS FOR ACCESSIBLE DESIGN.
OCCUPATIONAL SAFETY AND HEALTH STANDARDS, U.S. DEPARTMENT OF LABOR (OSHA): 29 CFR, PART 1926, AS AMENDED, INCLUDING FINAL RULE.
2023: NFPA 241, CONSTRUCTION, ALTERATION AND DEMOLITION OPERATIONS.
2018: INTERNATIONAL BUILDING CODE, NO LOCAL AMENDMENTS.
2022: NFPA 70, NATIONAL ELECTRICAL CODE.
2017: VA BARRIER FREE DESIGN STANDARD REV. 11/1/18
2018: IPC INTERNATIONAL PLUMBING CODE, NO LOCAL AMENDMENTS.
2018: IMC INTERNATIONAL MECHANICAL CODE, NO LOCAL AMENDMENTS.
ICC / ANSI 117.1 - 2009 AMERICAN NATIONAL STANDARD FOR ACCESSIBLE AND USEABLE BUILDINGS AND FACILITIES.
2024: NFPA 101, LIFE SAFETY CODE FOR LOCAL JURISDICTION COMPLIANCE.
2024: NFPA 101, LIFE SAFETY CODE FOR FEDERAL CERTIFICATION. *(COMPLY WITH THE MOST RESTRICTIVE REQUIREMENTS IF THESE TWO NFPA 101 STANDARDS CONFLICT).
2024: NFPA 99, HEALTH CARE FACILITIES.
2018: GUIDELINES FOR DESIGN AND CONSTRUCTION OF HEALTH CARE FACILITIES, FACILITIES GUIDELINES INSTITUTE.
JOINT COMMISSION FOR ACCREDITATION OF HEALTHCARE ORGANIZATIONS (JCAHO), STANDARD EC5.50, INTERIM LIFE SAFETY MEASURES (ILSM), AS PUBLISHED IN THE COMPREHENSIVE ACCREDITATION MANUAL FOR HOSPITALS: THE OFFICIAL HANDBOOK (CAMH), 2004 EDITION.
2022: NFPA 13, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS.
2022: NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE.
FIRE PROTECTION OFFICE OF SAFETY, HEALTH AND ENVIRONMENTAL COMPLIANCE (10NA8), 7th EDITION, Dec. 2015
2023: FIRE PROTECTION DESIGN MANUAL, Ninth Edition

GENERAL NOTES

A. DRAWINGS AND SPECIFICATIONS ARE INTENDED TO BE COMPLEMENTARY. SPECIFIC INFORMATION MAY BE FOUND IN EITHER OR BOTH.

B. CONTRACTOR TO VISIT THE SITE PRIOR TO BIDDING AND BECOME FAMILIAR WITH ALL ASPECTS OF THE WORK. FAILURE TO INSPECT THE SITE OR FULLY ACQUAINT HIMSELF WITH THE PLANS AND SPECIFICATIONS PRIOR TO BIDDING WILL NOT RELIEVE THE CONTRACTOR OF PERFORMANCE OF ANY OF THE WORK REQUIRED BY EXISTING CONDITIONS OR THE INTENT OF THE CONTRACT DOCUMENTS. BID SUBMITTAL SHALL REFLECT ANY EXTRANEOUS CONDITIONS THAT MAY OCCUR.

C. LAYOUT OF WORK

1. EXERCISE PROPER PRECAUTION TO VERIFY ALL EXISTING CONDITIONS AND LAYOUT OF THE WORK. CONTRACTOR TO NOTIFY THE CONTRACTING OFFICER OF ANY DISCREPANCIES IMMEDIATELY.

2 CONTRACTOR IS RESPONSIBLE FOR ANY ERROR RESULTING FROM FAILURE TO EXERCISE SUCH PRECAUTION. SUCH ERROR WILL NOT BE CONSIDERED SUBSEQUENTLY AS A BASIS FOR EXTRA COMPENSATION.

3. GC TO LAYOUT WORK AND BE RESPONSIBLE FOR ALL LINES, MEASUREMENTS OF THE BUILDING AND OTHER WORK EXECUTED UNDER CONTRACT.

4. SHOULD A CONTRACTOR FIND DISCREPANCIES IN, OR OMISSIONS FROM THE DRAWINGS OR SPECIFICATIONS OR SHOULD HE BE IN DOUBT AS TO THEIR MEANING, HE SHOULD NOTIFY THE CONTRACTING OFFICER AT ONCE.

D. EXAMINATION

1. ANY DISCREPANCIES, ERRORS OR OMISSIONS DISCOVERED IN THE CONTRACT DOCUMENTS BY THE CONTRACTOR SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTING OFFICER BEFORE PROCEEDING WITH RELATED WORK, OTHERWISE THE CORRECTION OF SUCH ITEMS IS THE RESPONSIBILITY OF THE CONTRACTOR.

E. CODES AND STANDARDS

1. ALL WORK, MATERIALS AND INSTALLATION SHALL BE IN STRICT ACCORDANCE'S WITH ALL VA AND NATIONAL BUILDING CODES, LATEST EDITION.

2. DESIGN LOADS AND CODE RESTRICTIONS FOR ALL DESIGN CONSIDERATIONS SHALL CONFORM TO THE VA AND NATIONAL GOVERNING CODES.

F. DEMOLITION

1. THIS SECTION IS INCLUDED FOR GENERAL REFERENCE OF DEMO WORK BY THE GENERAL CONTRACTOR.

2. DEMOLITION INCLUDES OBJECTS IDENTIFIED BY THE CONTRACT DOCUMENTS AND SPECIFICATIONS.

3. ARRANGE WITH THE OWNER A CONVENIENT TIME TO PERFORM DEMOLITION WORK.

4. THE CONTRACTOR SHALL REPAIR, RESTORE AND REPLACE PORTIONS OF CONSTRUCTION WHERE INDICATED ON DRAWINGS OR AS REQUIRED TO INSTALL THE WORK. ANY PORTIONS OF THE CONSTRUCTION WHICH ARE CRACKED, SPALLED, BROKEN, MISSING OR OUT OF LINE OR ADJUSTMENT, MECHANICALLY OR STRUCTURALLY UNSOUND OR UNSAFE, SHALL BE REMOVED, REPLACED, RESTORED OR SATISFACTORILY REPAIRED.

5. REMOVE, PROTECT AND REINSTALL ALL ITEMS AFFECTED BY CONSTRUCTION THAT ARE NOT INDICATED TO BE REMOVED INCLUDING, BUT NOT LIMITED TO SPEAKERS, WIFI AND OTHER EXISTING MISCELLANEOUS DEVICES.

G. ALL WORK SHALL BE PERFORMED IN CONFORMANCE WITH APPLICABLE STANDARD SPECIFICATIONS. WORKMANSHIP AND MAINTAINING STANDARDS OF QUALITY SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR SHALL PROVIDE ALL WORK SHOWN IN THESE CONTRACT DOCUMENTS AND IS REQUIRED TO PROVIDE A COMPLETE, FINISHED, FULLY OPERABLE INSTALLATION, UNLESS OTHERWISE NOTED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND EACH OF THE SUBCONTRACTORS TO BE ACQUAINTED WITH ALL PROJECT REQUIREMENTS AND BUILDING STANDARDS REGARDLESS OF WHETHER THEY HAVE BEEN SPECIFICALLY REFERENCED IN THE DOCUMENTS OR NOT.

I. CONTRACTOR SHALL COORDINATE WITH THE CONTRACTING OFFICER THE SELECTION AND APPROVAL OF ALL SUBSTITUTED ITEMS PRIOR TO SUBMISSIONS OF THE BID. IT IS EACH CONTRACTOR'S RESPONSIBILITY TO ENSURE AND TO DEMONSTRATE THAT ALL SUBSTITUTIONS USED IN THE WORK COMPLY WITH THE CONTRACT DOCUMENTS. SHOULD A SUBSTITUTED PRODUCT FAIL TO PERFORM FOR ANY REASON, WHERE THE ORIGINALLY SPECIFIED PRODUCT WOULD HAVE PERFORMED PROPERLY, THE CONTRACTOR SHALL PERFORM ALL WORK NECESSARY TO INCORPORATE THE ORIGINALLY SPECIFIED PRODUCT AT NO ADDITIONAL COST.

J. EACH SUBCONTRACTOR SHALL CHECK AND VERIFY PRIOR TO BID, ALL PLANS, SPECIFICATIONS, EXISTING CONDITIONS AND DIMENSIONS AT THE JOB SITE AND SHALL NOTIFY THE CONTRACTING OFFICER OF ANY DISCREPANCIES IN OR BETWEEN THE CONTRACT DOCUMENTS AND THE FIELD CONDITIONS PRIOR TO COMMENCING THE WORK.

K. DO NOT TAKE SCALED MEASUREMENTS FROM THESE DRAWINGS. CONSULT WITH THE COR FOR MISSING DIMENSIONS.

L. EACH CONTRACTOR SHALL ANALYZE THE CONTRACT DOCUMENTS AND IMMEDIATELY REPORT ANY DISCREPANCIES TO THE CONTRACTING OFFICER PRIOR TO BID. EACH CONTRACTOR SHALL BE REQUIRED TO CORRECT ANY DEFECTIVE WORK CAUSED BY WORK DONE AS A RESULT OF INCONSISTENCIES OR DISCREPANCIES IN THE DRAWINGS WHEN CLARIFICATION FROM THE CONTRACTING OFFICER HAS NOT BEEN SOUGHT.

M. ARCHITECTURAL, PLUMBING, ELECTRICAL, MECHANICAL AND ALL OTHER DOCUMENTS SHALL BE REVIEWED AND COORDINATED BY THE CONTRACTOR. REPORT ANY INCONSISTENCIES WITHIN THE DOCUMENTS TO THE CONTRACTING OFFICER.

N. CONTRACTOR SHALL PROVIDE THE COR WITH A SET OF REPRODUCIBLE AS-BUILT DOCUMENTS AND DVD AT THE PROJECT CLOSE-OUT PER SPECIFICATIONS.

O. AS SCOPE AND PERFORMANCE DOCUMENTS, THE DRAWINGS AND SPECIFICATIONS INDICATE THE MINIMUM WORK REQUIRED FOR THE PERFORMANCE AND COMPLETION OF BUILDING ASSEMBLIES. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE FABRICATION AND INSTALLATION OF ALL MISCELLANEOUS METAL ITEMS INDICATED, DESCRIBED OR IMPLIED ON ALL DRAWINGS. MISCELLANEOUS METAL ITEMS, WITHIN OR REQUIRED TO SUPPORT AN ASSEMBLY, WHETHER OR NOT ATTACHED TO THE STRUCTURE, ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND HIS SUBCONTRACTORS WHETHER THEY ARE SHOWN OR NOT SHOWN ON THE ARCHITECTURAL, STRUCTURAL, CIVIL, MECHANICAL OR ELECTRICAL DRAWINGS. SUCH ASSEMBLIES INCLUDE BUT ARE NOT LIMITED TO EXTERIOR AND INTERIOR WALL, CEILING, PARTITION, ROOF, MECHANICAL AND ELECTRICAL ASSEMBLIES AS WELL AS ALL SIMILAR ASSEMBLIES. ANY MISCELLANEOUS METAL ITEMS INDICATED ON THE ARCHITECTURAL DRAWINGS AND NOT SHOWN ON STRUCTURAL DRAWINGS SHALL BE A MINIMUM OF L3›3›1/2", C7›9.8, 3/8" PLATE OR TS4›4›3/8" UNLESS OTHERWISE APPROVED BY THE STRUCTURAL ENGINEER. STEEL BEAMS SHOWN ON THE ARCHITECTURAL DRAWINGS BUT NOT ON THE STRUCTURAL DRAWINGS SHALL BE ASSUMED TO BE A MEDIUM WEIGHT BEAM CONNECTED FROM COLUMN TO COLUMN WITH A SIZE CONSISTENT WITH THE SCALED HEIGHT OF THE BEAM.

P. ALL CONTRACTORS WORKING IN THE HOSPITAL WILL HAVE TO GO THROUGH A BASIC BACKGROUND CHECK. THE PROCESS WILL REQUIRE FINGERPRINTING AND APPROXIMATELY THREE WEEKS OF PROCESSING TIME BEFORE WORKERS / CONTRACTORS CAN ENTER THE PROJECT AREA.

PROJECT DATA

CLIENT	VETERANS ADMINISTRATION
PROJECT NAME	Project Name
PROJECT ADDRESS	1500 E. WOODROW WILSON AVE, JACKSON, MS
OCCUPANCY TYPE	HEALTH CARE (NFPA) INSTITUTIONAL I2 (IBC)
PROJECT GROSS FLOOR AREA	6,850 SF
HEIGHT ABOVE GROUND	-
NUMBER OF STORIES	4 STORIES
TYPE OF CONSTRUCTION	TYPE 1A (IBC) TYPE 1 (332)(NFPA)

PROJECT DESCRIPTION

THE RENOVATION OF PC BLUE TO PACT PROJECT INCLUDES RENOVATION OF APPROXIMATELY 6,850 SQUARE FEET OF AREA WITHIN THE EXISTING VA MEDICAL CENTER.

THE WORK GENERALLY INCLUDES BUT IS NOT LIMITED TO:

1. INSTALLATION OF TEMPORARY PARTITIONS, DOOR AND OTHER PROTECTIVE MEASURES TO ISOLATE THE CONSTRUCTION AREA. PROVIDE NEGATIVE PRESSURE FOR DUST CONTROL AND ACOUSTICAL SEPARATION SO AS NOT TO DISRUPT THE ONGOING ACTIVITIES IN THE HOSPITAL.
2. TEMPORARY MODIFICATIONS OR RELOCATION OF EXISTING SYSTEMS TO PRESERVE EXISTING LIFE SAFETY FEATURES SUCH AS EXITS, SPRINKLER SYSTEMS, ALARM SYSTEMS AND OTHER SPECIAL SYSTEMS.
3. DEMOLITION OF THE EXISTING CONSTRUCTION IN THE FOOTPRINT OF THE PROJECT SITE AND SAFE REMOVAL AND DISPOSAL OF DEBRIS.
4. INSTALLATION OF NEW PARTITION SYSTEM, CEILING SYSTEM AND ALL PLUMBING, MECHANICAL AND ELECTRICAL SYSTEMS AS DEFINED IN THE DOCUMENTS TO INTERFACE WITH EXISTING SYSTEMS.
5. PHASING OF THE WORK SUCH THAT THE ABOVE CEILING WORK OUTSIDE OF THE PROJECT SITE AND SIMILAR WORK OUTSIDE OF THE PROJECT AREA BE SCHEDULED TO MINIMIZE DISRUPTION AND DOWN-TIME TO AREAS OUTSIDE OF THE PROJECT SITE.
6. INSTALLATION OF ALL ARCHITECTURAL FINISHES AND BUILT-IN EQUIPMENT.
7. FINAL CLEANING AND REMOVAL OF ALL TEMPORARY PARTITION SYSTEMS AND PROTECTIVE MEASURES. REPAIR OR RESTORATION OF ANY EXISTING FINISHES OR CONSTRUCTION DAMAGED DURING THE CONSTRUCTION PROCESS.
8. FINAL TESTING OF NEW SYSTEMS, TRAINING AND DEMONSTRATION OF NEW SYSTEMS AND SUBMISSION OF CLOSE-OUT DOCUMENTS. CLOSE-OUT DOCUMENTS SHALL BE SUBMITTED TO THE OWNER NO LATER THAN 30 DAYS FOLLOWING THE FINAL ACCEPTANCE OF THE PROJECT.
9. MODIFICATIONS TO EXISTING HVAC, PLUMBING, ELECTRICAL, FIRE PROTECTION AND SPECIAL SYSTEMS.

GENERAL SCHEDULING NOTE TO CONTRACTOR

1. WORK FOR EACH AREA IS TO BE COORDINATED WITH THE COR OR PROJECT ENGINEER. THE BUILDING SHALL REMAIN OCCUPIED THROUGHOUT CONSTRUCTION. WORK SHALL BE ARRANGED TO ALLOW AS LITTLE INTERRUPTION AND INCONVENIENCE AS POSSIBLE.
2. THE CONTRACTOR IS TO SUBMIT A WRITTEN SCHEDULE OF WORK TO THE COR FOR APPROVAL WHICH DETAILS CONSTRUCTION START AND CONSTRUCTION COMPLETION FOR EACH AREA. SCHEDULE OF WORK SHALL BE SUBMITTED AND APPROVED BY THE COR PRIOR TO STARTING ANY WORK ACTIVITIES

Revisions:	Date:

CONSULTANT
Consultant:

ARCHITECT/ENGINEER OF RECORD
A/E:
LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

STAMP
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Office of Construction and Facilities Management
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Drawing Title: PROJECT DATA	Phase: FINAL SUBMISSION	Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH	Project Number: 586-22-102
			Building Number: 1
Approved:	FULLY SPRINKLERED	Location: 1500 E. Woodrow Wilson Dr. Jackson, MS	Drawing Number: G002
		Issue Date: 2/20/2025 / Checked: MGL / Drawn: TAC	

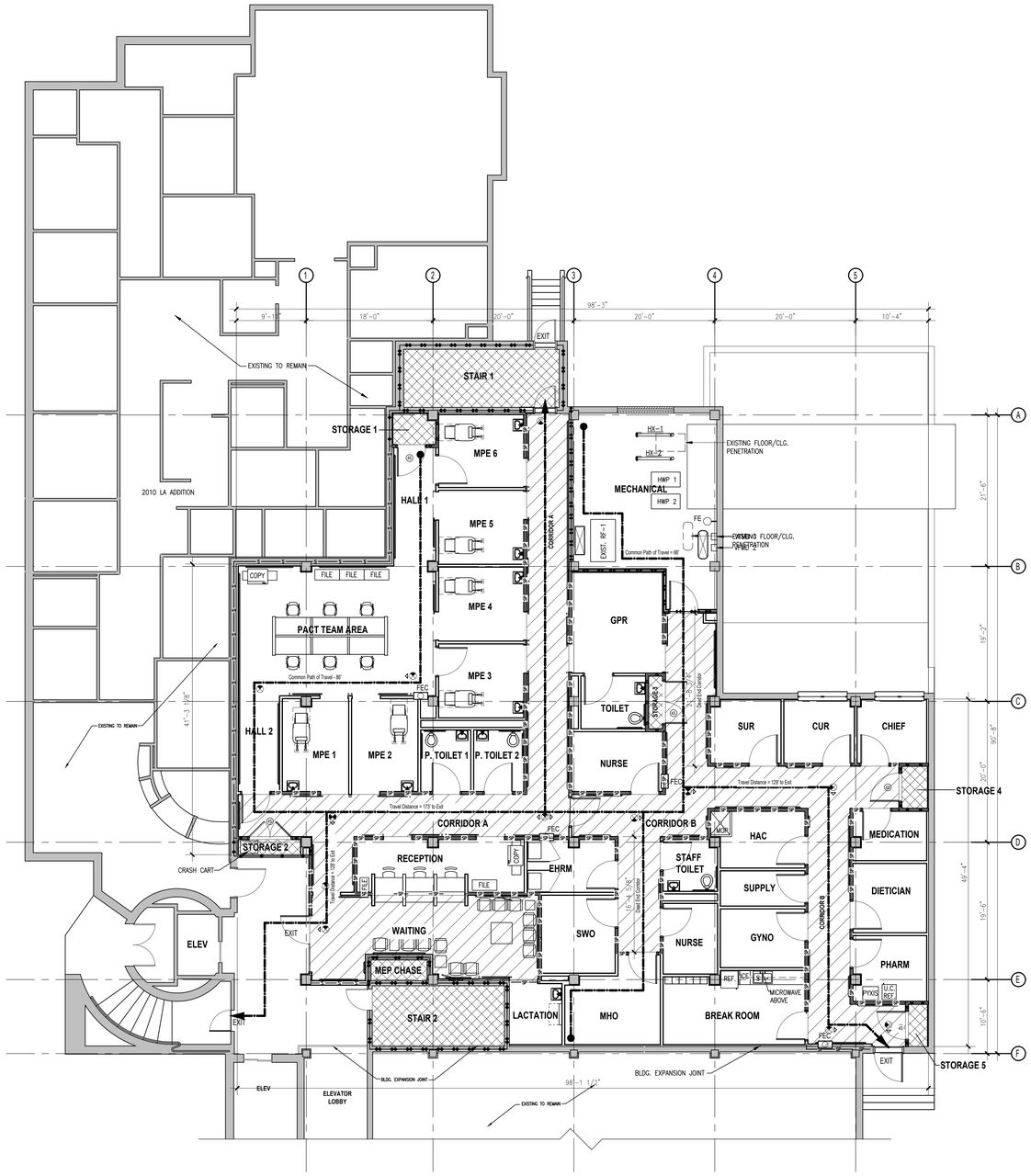
VA FORM 08 - 6231

CODE COMPLIANCE GENERAL NOTES

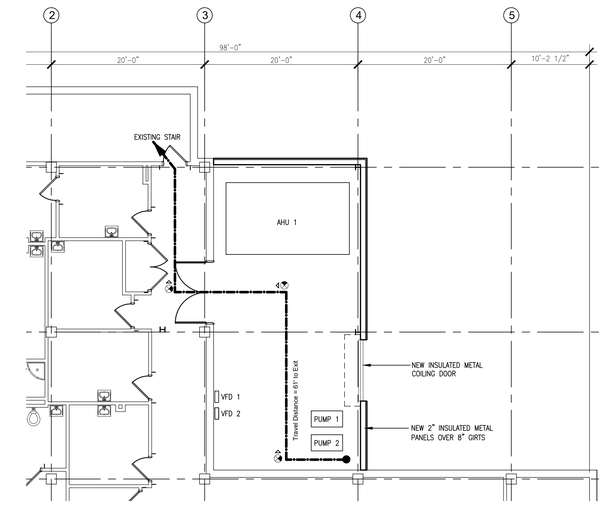
1. ALL FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS & SMOKE BARRIERS AND SMOKE PARTITIONS OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING. THE ARE TO BE LOCATED IN ACCESSIBLE CONCEALED FLOOR, FLOOR-CEILING OR ATTIC SPACES; BE LOCATED WITHIN 15 FEET OF THE END OF EACH WALL AND AT INTERVALS NOT EXCEEDING 30' MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION; AND INCLUDE LETTERING NOT LESS THAN 3" IN HEIGHT WITH A MINIMUM 3/8" STROKE IN A CONTRASTING COLOR INCORPORATING THE SUGGESTED WORDING, "FIRE AND/OR SMOKE BARRIER-PROTECT ALL OPENINGS" OR OTHER WORDING.
2. PROVIDE SURFACE MOUNTED LIGHT FIXTURES AT RATED CEILINGS, UNLESS NOTED/DETAILED OTHERWISE.
3. REFER TO ELECTRICAL DRAWINGS FOR STROBE, FIRE ALARM AND CARBON MONOXIDE DETECTORS, EMERGENCY LIGHTS, PULL STATIONS, FIRE PANEL LOCATIONS, OTHER AUDIO AND VISUAL DEVICES, INCLUDING LOCATIONS AND MOUNTING HEIGHT.
4. PROVIDE CORRESPONDING RATED ACCESS PANEL AT RATED WALLS/CEILINGS. LATCHING AND FINISH TO BE AS SPECIFIED.
5. REFER TO CORRESPONDING ARCHITECTURAL DRAWINGS FOR WALL AND FLOOR DETAILS.
6. GC TO PROVIDE CORRESPONDING FIRE CAULK AT RATED WALLS.
7. SMOKE & DRAFT CONTROL - FIRE DOOR ASSEMBLIES SHALL ALSO MEET THE REQUIREMENTS FOR A SMOKE AND DRAFT CONTROL DOOR ASSEMBLY TESTED IN ACCORDANCE WITH UL1784. DOOR LOUVERS ARE PROHIBITED. INSTALLATION OF SMOKE DOORS SHALL BE IN ACCORDANCE WITH NFPA 105.
8. PER NFPA 101-8.3.4 GLAZING IN DOOR ASSEMBLIES - IN A 20-MINUTE FIRE DOOR ASSEMBLY, THE GLAZING MATERIAL IN THE DOOR ITSELF SHALL HAVE A MINIMUM FIRE-PROTECTION RATED GLAZING OF 20 MINUTES AND SHALL BE EXEMPT FROM THE HOSE STREAM TEST.
9. PROVIDE THROUGH-PENETRATION FIRESTOP SYSTEM AS REQUIRED PER THE FIRE RESISTANCE RATING OF THE WALL. REFER TO NFPA 101-8.3.5.
10. PENETRATIONS OF A FLOOR, FLOOR/CEILING ASSEMBLY OF THE CEILING MEMBRANE OR A ROOF/CEILING ASSEMBLY SHALL COMPLY WITH NFPA 101-8.3.5.
11. PROVIDE WALL MOUNTED EXIT SIGNS. LOCATE ABOVE ALL EXIT DOORS. REFER TO ELECTRICAL DRAWINGS FOR MOUNTING HEIGHTS AND MODELS.
12. WHERE AN AIR DUCT PENETRATES ONLY ONE FLOOR OR ONE FLOOR AND AN AIR-HANDLING EQUIPMENT PENTHOUSE FLOOR, AND THE AIR DUCT CONTAINS A FIRE DAMPER LOCATED WHERE THE DUCT PENETRATES THE FLOOR, AN AIR DUCT ENCLOSURE SHALL NOT BE REQUIRED.
13. FIRE DAMPERS, SMOKE DAMPERS, COMBINATION FIRE/SMOKE DAMPERS AND CEILING RADIATION DAMPERS LOCATION TO BE COORDINATED AT ALL SMOKE AND/OR FIRE RATED PARTITIONS. REFER TO CODE COMPLIANCE PLANS, ELECTRICAL DRAWINGS FOR WIRING DESIGN AND MECHANICAL DRAWINGS.
14. PORTABLE FIRE EXTINGUISHERS SHALL BE SELECTED, INSTALLED AND MAINTAINED IN ACCORDANCE NFPA 10. BASED ON THIS OCCUPANCY TYPE, CLASS A FOR ORDINARY(MODERATE) HAZARD OCCUPANCY TYPE 2-A FIRE EXTINGUISHERS ARE REQUIRED NO MORE THAN 75' APART AND ON EACH STORY PER TABLE 6.2.1.1 IN NFPA 10.
15. PROVIDE RECESSED FIRE EXTINGUISHERS AS INDICATED. MOUNT FIRE EXTINGUISHER IN OR WITHOUT CABINET AT 48" AFF TO THE HANDLE. REFER TO SPECIFICATIONS.
16. CONTRACTOR TO PROVIDE PORTABLE FIRE EXTINGUISHERS EVERY 75 ' ON THE JOB SITE DURING CONSTRUCTION.
17. BUILDING UNDER EMERGENCY GENERATOR POWER AS WELL AS UPS. REFER TO OWNER PROVIDED INFORMATION FOR EXISTING SYSTEM REQUIREMENTS.
18. WHERE CONDUIT, CABLES, AND OTHER ELECTRICAL PROVISIONS PENETRATE RATED WALL AND FLOOR PENETRATIONS PROVIDE ASSEMBLIES CLASSIFIED WITH A UL DESIGNATION AND COMPLY WITH ALL APPLICABLE CODES AND CORRESPONDING TESTING. SUBMIT SUBMITTALS WITH INDICATED UL DESIGNATIONS FOR EACH CONDITION.
19. CONTRACTOR TO SEAL ALL VOIDS AT INTERSECTION OF PARTITIONS AND FLOOR OR SLAB CONDITIONS, BETWEEN PIPE SLEEVES, AND OTHER PENETRATIONS AT SMOKE AND FIRE RATED WALL AND FLOOR PENETRATIONS
20. NO PENETRATIONS UNRELATED FOR THE PURPOSE OF THE EXIST ACCESS STAIRWAY SHALL BE PERMITTED IN EXIT ACCESS STAIRWAY ENCLOSURES. CONTRACTOR TO NOT INSTALL ELECTRICAL BOXES/OUTLETS, SWITCHES, ETC NOT FOR USE FOR THE EXIT ACCESS STAIRWAY AT ALL THE FIRE RATED PARTITIONS.
21. REFER TO ELECTRICAL DRAWINGS FOR EMERGENCY GENERATOR LOCATION AND REQUIREMENTS.
22. EMERGENCY LIGHTING SHALL BE DESIGNED IN ALL PATHS OF EGRESS, IN ROOMS WITH AN OCCUPANCY LOAD OF 50 OR MORE.

LEGEND

- ONE HOUR FIRE BARRIER WALL ASSEMBLY
- TWO HOUR FIRE BARRIER WALL ASSEMBLY
- S — S — 30 MINUTE SMOKE BARRIER WALL ASSEMBLY
- SP — SP — SMOKE PARTITION WALL ASSEMBLY
- TRAVEL DISTANCE TO EXIT (TD)
- EXIT LIGHT SIGN (SEE ELECT) COORDINATE WALL VERSUS CEILING MOUNTED
- FEC — RECESSED FIRE EXTINGUISHER & CABINET
- (45) — RATED DOOR; INDICATES REQUIRED RATING
- ACCUMULATION SPACE
- HAZARDOUS AREA
- EXISTING AREA - NOT IN CONTRACT
- EXISTING WALL



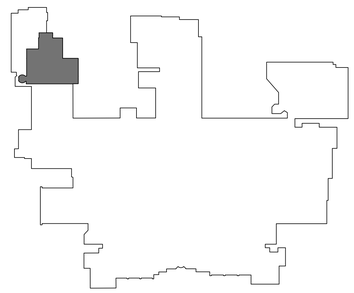
1 LS101 — 1ST FLOOR - LIFE SAFETY PLAN
1/8" = 1'-0"



2 LS101 — 2ND FLOOR / PENT HOUSE - LIFE SAFETY PLAN
1/8" = 1'-0"

CODE REQUIREMENTS

OCCUPANCY TYPE:	INSTITUTIONAL I-2 (IBC) HEALTHCARE (NFPA 101)
AREA:	CLINIC: 6,850 SQFT. Pent House: 837 SQFT.
OCCUPANT LOAD: (240 SQFT/PERSON)	29 PERSONS
MAXIMUM TRAVEL DISTANCE:	200 FT.
MAXIMUM COMMON PATH OF TRAVEL:	100 FT.
MAXIMUM DEAD END:	30 FT
HAZARD CLASSIFICATION:	ORDINARY
CONSTRUCTION TYPE:	1A (IBC) 1 (332) NFPA 101



KEY PLAN - FIRST FLOOR

Revisions:	Date:

CONSULTANT
Consultant:

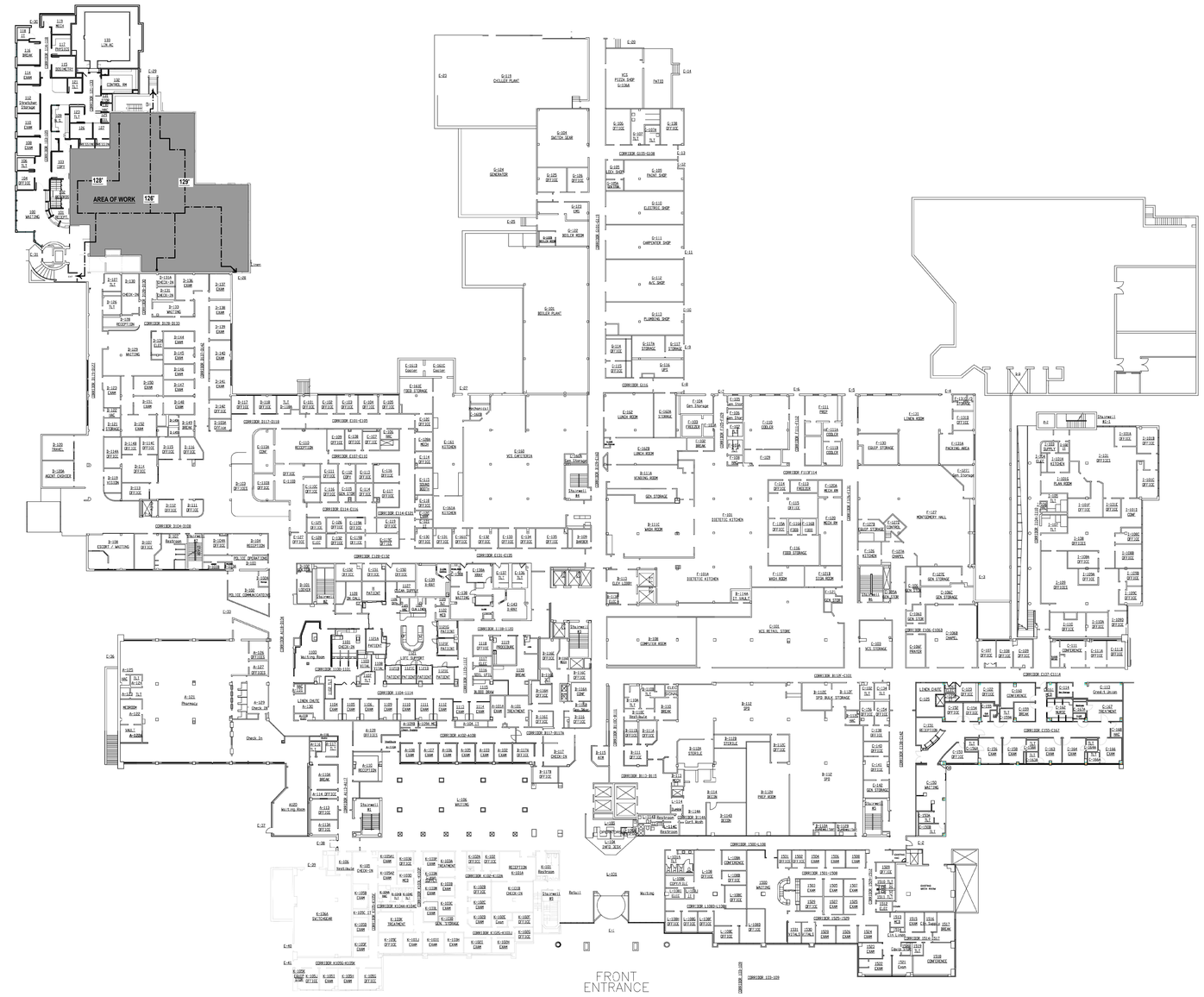
ARCHITECT/ENGINEER OF RECORD
A/E:
LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

STAMP
Reg. L. Lachin No. 12721 State of Louisiana Registered Architect

Office of Construction and Facilities Management
VA | U.S. Department of Veterans Affairs

Drawing Title: LIFE SAFETY PLAN
Approved:
Phase: FINAL SUBMISSION
FULLY SPRINKLERED
Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location: 1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date: 2/20/2025
Checked: MGL
Drawn: TAC
Project Number: 586-22-102
Building Number: 1
Drawing Number: LS101

VA FORM 08 - 6231



LIFE SAFETY PLAN - OVERALL FIRST LEVEL

LS102

1" = 360'-0"

N

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

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LICENSED No. 3477 LACHIN REGISTERED ARCHITECT STATE OF LOUISIANA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: LIFE SAFETY PLAN - OVERALL FIRST LEVEL	Phase: FINAL SUBMISSION	Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH	Project Number: 586-22-102
			Building Number: 1
Approved:	FULLY SPRINKLERED	Location: 1500 E. Woodrow Wilson Dr. Jackson, MS	Drawing Number: LS102
		Issue Date: 2/20/2025 / Checked: MGL / Drawn: TAC	

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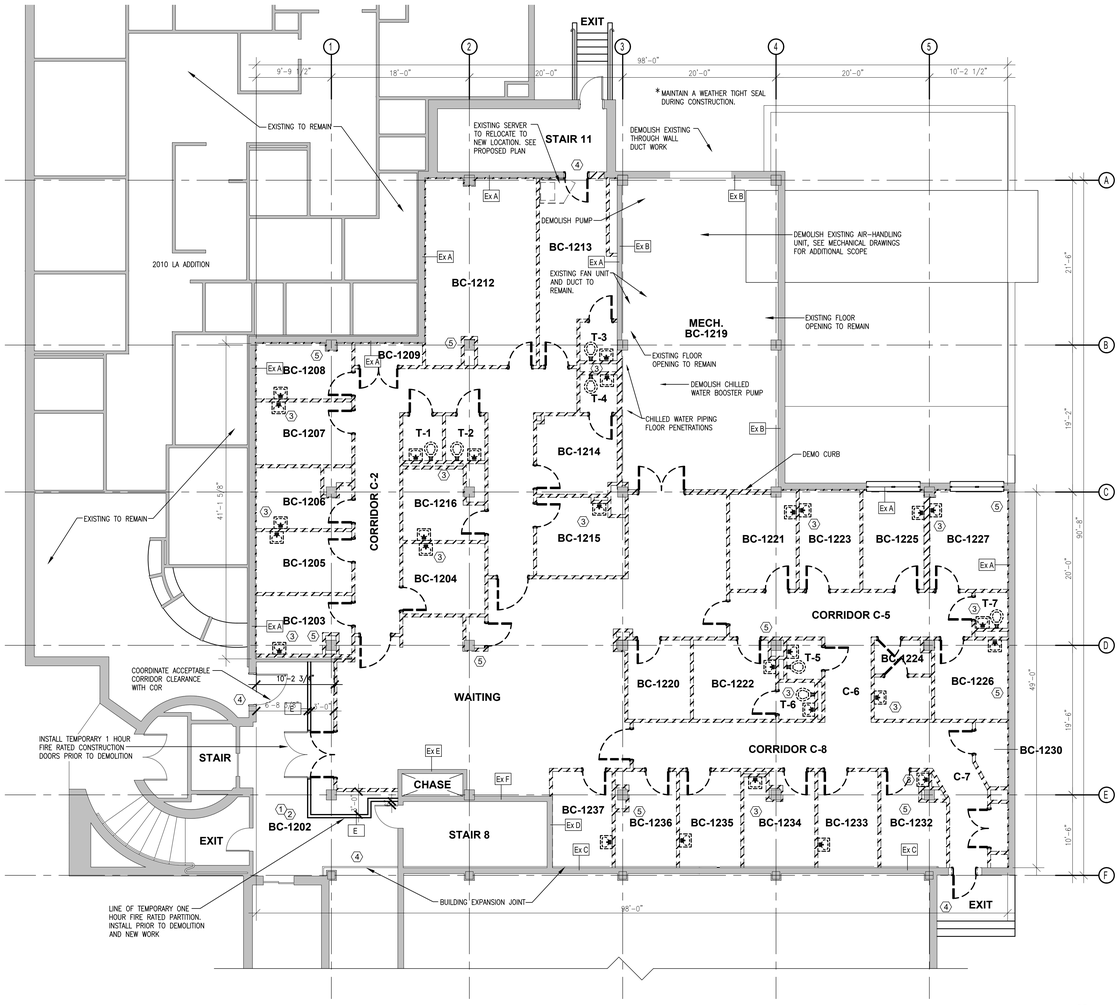
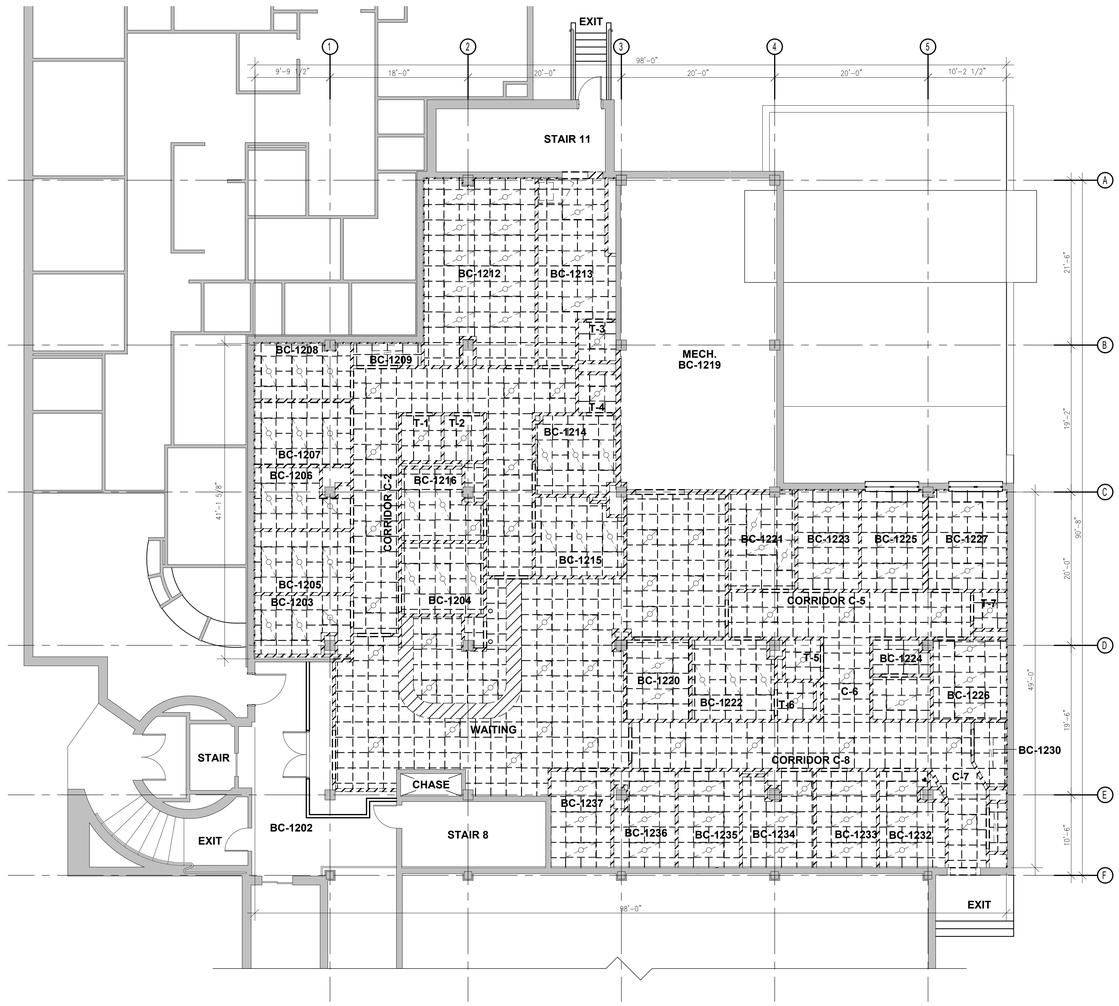


1 ADI00 — IST FLOOR DEMOLITION PLAN

1/8" = 1'-0"



2 ADI00 — IST FLOOR DEMOLITION RCP

1/8" = 1'-0"

DEMOLITION KEY NOTES

1. EXISTING CEILING SYSTEMS TO REMAIN - PROTECT FROM DAMAGE.
2. TEMPORARILY REMOVE EXISTING CEILING SYSTEM TO INSTALL NEW ABOVE CEILING WORK. RESTORE OR REPLACE EXISTING CEILING SYSTEM TO MATCH AFTER INSTALLATION.
3. REMOVE ALL EXISTING PLUMBING FIXTURES
4. EXISTING FINISHES ARE TO REMAIN IN THIS AREA - PROTECT FROM DAMAGE
5. REMOVE ALL DRYWALL AND FURRING AT EXTERIOR WALL AND AROUND ALL COLUMNS, TYPICAL

GENERAL DEMOLITION NOTES

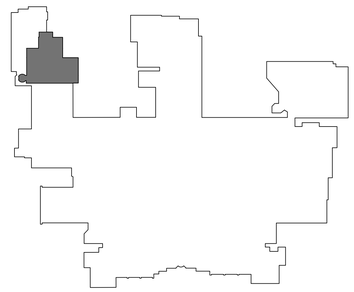
1. ALL EXISTING PLUMBING IDENTIFIED TO BE DEMOLISHED SHALL BE REMOVED WITH LINES CAPPED. REFER TO PLUMBING SHEETS FOR ADDITIONAL SCOPE. MAINTAIN SECURITIES TO FLOORS ABOVE AND BELOW.
2. DEMOLISH EXISTING FLOORING THROUGHOUT THE LIMITS OF WORK.
3. DEMOLISH EXTERIOR WALL FINISHES. EXTERIOR WALL CONSTRUCTION IS TO REMAIN UNLESS NOTED OTHERWISE.
4. ITEMS SHOWN DASHED ARE TO BE DEMOLISHED, INCLUDING ALL CABINET WORK.
5. DEMOLISH EXISTING PARTITIONS HANDRAILS, CRASH RAILS, CORNER GUARDS, AND SHEET WALL PROTECTION PANELS THROUGHOUT THE LIMITS OF WORK.
6. DEMOLISH EXISTING CEILING AND ALL CEILING DEVICES THROUGHOUT THE LIMITS OF WORK. SEE ELECTRICAL SHEETS FOR ADDITIONAL SCOPE AND ITEMS TO BE RELOCATED.
7. REMOVE AND DELIVER TO COR ALL EQUIPMENT, FIXTURES, OR ACCESSORIES IDENTIFIED BY THE COR TO BE SALVAGED. DELIVER SALVAGEABLE ITEMS TO THE COR AS DIRECTED.
8. REMOVE ALL EXISTING PLUMBING FIXTURES THROUGHOUT THE LIMITS OF WORK. CONTRACTOR TO COORDINATE REMOVAL OF PLUMBING FIXTURES AND CAPPING PIPING TO MINIMIZE DISRUPTION TO PLUMBING ABOVE AND BELOW. RE-ROUTING OF PLUMBING LINES THAT SERVE THE FIRST AND THIRD FLOORS SHALL BE PHASED AND COORDINATED WITH THE COR TO MINIMIZE DISRUPTIONS TO SYSTEMS ABOVE AND BELOW THE SCHEDULED WORK.
9. COORDINATE SLAB DEMOLITION AND RESTORATION WITH NEW PLUMBING WORK.
10. COORDINATE DEMOLITION MATERIALS REMOVAL PROCEDURES WITH THE COR.
11. AT ALL WALLS TO REMAIN, CONTRACTOR TO REMOVE ALL WALL MOUNTED ITEMS, INCLUDING BUT NOT LIMITED TO: SWITCHES, OUTLETS, FIXTURES & EQUIPMENT. REFER TO MECHANICAL & ELECTRICAL SHEETS FOR ADDITIONAL SCOPE.

GENERAL REFLECTED CEILING DEMOLITION NOTES

1. REMOVE ALL EXISTING CEILING SYSTEMS INCLUDING ALL CEILING MOUNTED DEVICES AND SYSTEMS WITHIN THE PROJECT AREA. COORDINATE WITH THE COR AND ITEMS TO BE SALVAGED OR RE-USED. NOT ALL CEILING MOUNTED DEVICES ARE SHOWN ON THIS DRAWING. CONTRACTORS ARE TO VISIT THE SITE AND TAKE NOTE OF THE SCOPE OF ALL EXISTING DEVICES TO BE REMOVED.
2. COORDINATE ANY REMOVAL OF ANY SYSTEM(S) THAT MIGHT DISRUPT OR INTERRUPT THE ONGOING OPERATIONS OF ANY AREA OUTSIDE OF THE PROJECT AREA.
3. REMOVE ALL LIGHT FIXTURES. COORDINATE WITH THE COR AND ITEMS TO BE SALVAGED OR RE-USED.

LEGEND

- Ex A — WALL TYPE (SHEET AD102)
- E — NEW WALL TYPE (SHEET A602)
- EXISTING PARTITION TO REMAIN
- DEMOLISH PARTITION
- DEMOLISH PLUMBING FIXTURE
- DEMOLISH DOOR AND FRAME
- DEMOLISH LIGHT FIXTURE
- DEMOLISH MECH. DIFFUSER



KEY PLAN - FIRST FLOOR

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LA LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

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REGISTERED LACHIN No. 34,... STATE OF LOUISIANA REGISTERED ARCHITECT

Office of Construction and Facilities Management

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Drawing Title: ARCHITECTURAL DEMO FLOOR PLAN & RCP	Phase: FINAL SUBMISSION	Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH	Project Number: 586-22-102
Approved:	FULLY SPRINKLERED	Location: 1500 E. Woodrow Wilson Dr. Jackson, MS	Building Number: 1
		Issue Date: 2/20/2025 / Checked: MGL / Drawn: TAC	Drawing Number: AD100

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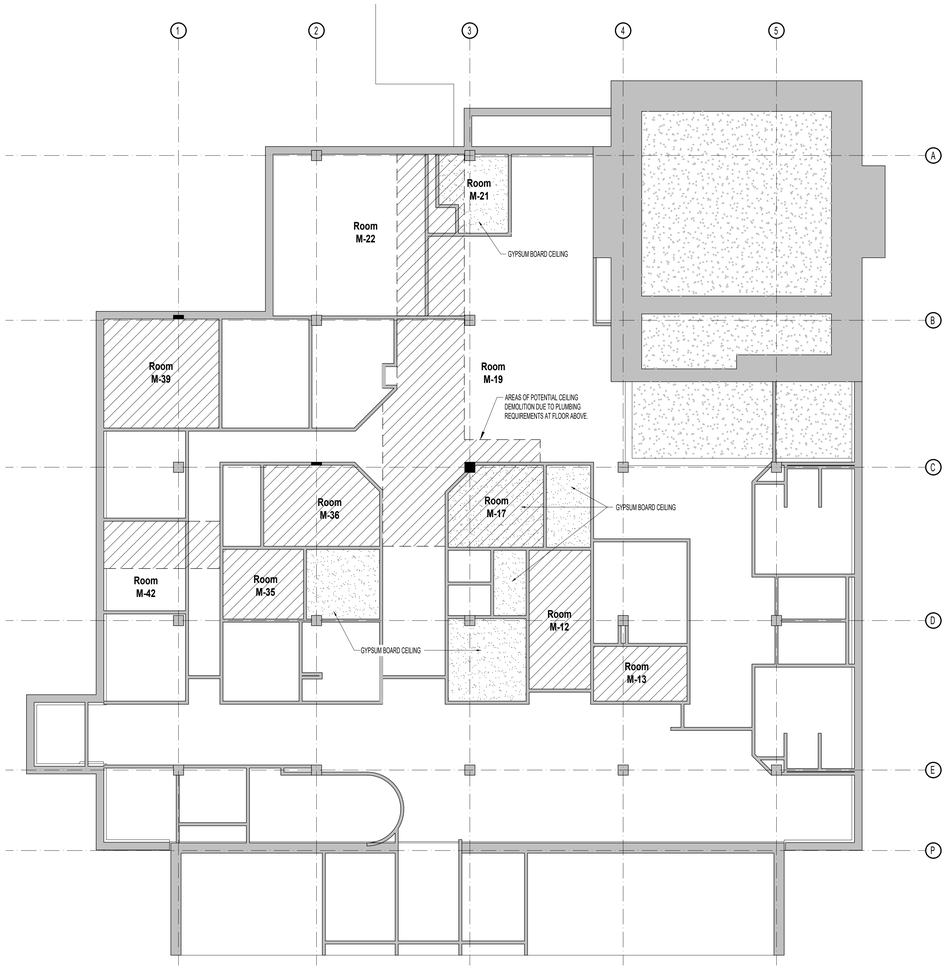
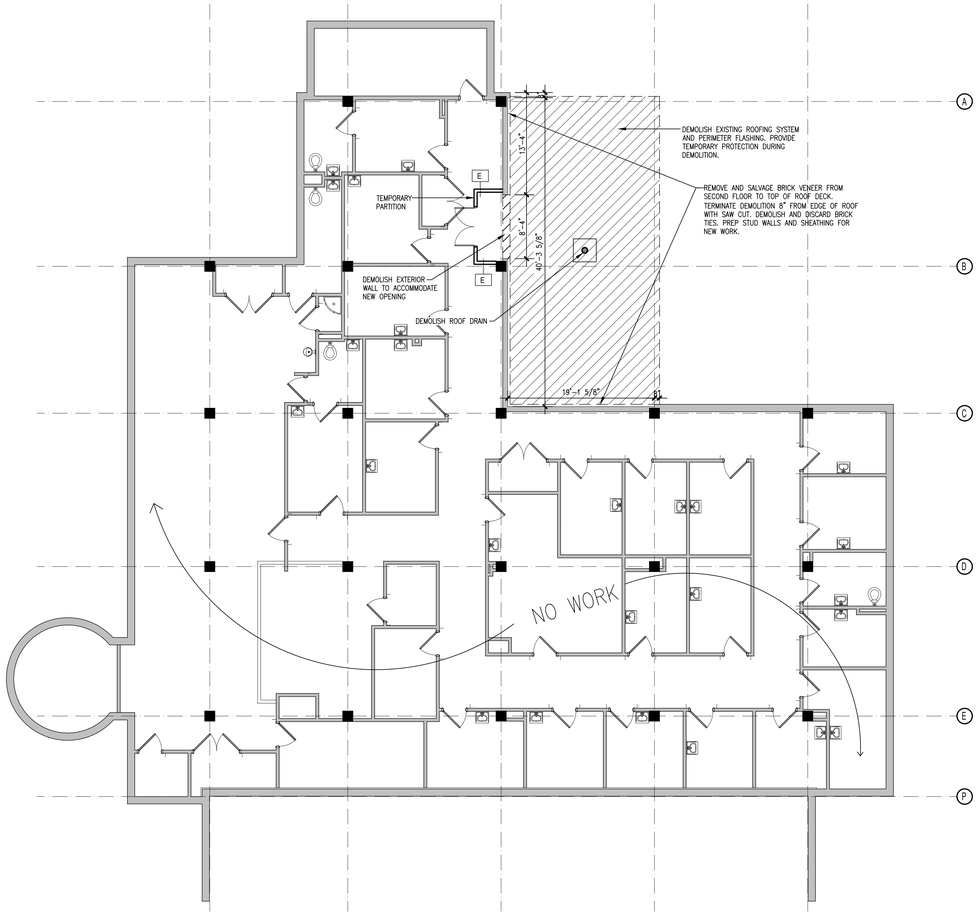


2 AD101 BASEMENT LEVEL DEMOLITION RCP - RADIOLOGICAL ONCOLOGY

1/8" = 1'-0"



1 AD101 2ND LEVEL DEMOLITION PLAN

1/8" = 1'-0"

GENERAL NOTES

1. THIS SHEET IS INCLUDED AS A COURTESY AND SHOWS APPROXIMATE LOCATIONS OF EXISTING SPACES AND PARTITIONS ON THE FLOOR BELOW THE AREA OF WORK TO ASSIST THE CONTRACTOR IN COORDINATING AND SCHEDULING THE ABOVE CEILING WORK WITH THE COR. ACCURACY OF THIS PLAN IS NOT GUARANTEED AS IT WAS DRAWN FROM THE BEST AVAILABLE AS-BUILT DRAWINGS PROVIDED BY THE OWNER. CONTRACTOR TO VISIT THE SITE TO CONFIRM EXISTING CONDITIONS.
2. WITH THE EXCEPTION OF ABOVE CEILING WORK AND REPAIR OR REPLACEMENT OF CEILING AND RELATED SYSTEMS, NO NEW WORK IS TO OCCUR ON THIS FLOOR EXCEPT AS NECESSARY TO INSTALL THE WORK AT THE SECOND FLOOR.
3. ANY DAMAGES OR DISRUPTIONS TO THE EXISTING CONSTRUCTION ON THIS FLOOR AS A RESULT OF INSTALLING WORK FOR THE SECOND FLOOR SHALL BE REPAIRED AND COORDINATED WITH THE COR.
4. CEILING TYPE IS 2X2 ACOUSTICAL CEILING TILE UNLESS OTHERWISE NOTED.

LEGEND

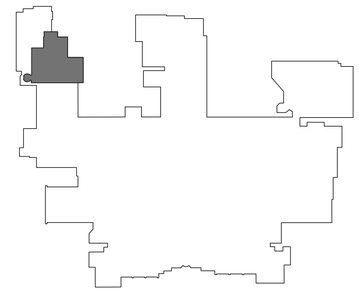
CEILING AREAS TO BE DISRUPTED TO INSTALL / MODIFY ABOVE CEILING CONSTRUCTION

GYPSUM BOARD CEILING

NOTE

SOME AREAS OF THE FIRST FLOOR SUCH AS ONCOLOGY AND OTHER AREAS ARE PARTICULARLY SENSITIVE TO DISRUPTION. THEY WILL REQUIRE CLOSE COORDINATION WITH THE COR TO IDENTIFY THE AVAILABLE TIMES AND LENGTH OF DISRUPTION THAT WILL BE ACCEPTABLE TO MINIMIZE DOWN-TIME IN THESE AREAS. SOME AFTER-HOURS WORK SHOULD BE ANTICIPATED AND CAREFULLY SCHEDULED WITH THE COR. TEMPORARY RE-ROUTING OF PLUMBING MAY BE REQUIRED TO MINIMIZE DISRUPTION OF SERVICES TO THE THIRD FLOOR ABOVE THE WORK AREA UNTIL THE PERMANENT PLUMBING SYSTEM IS IN PLACE.

THIS FLOOR PLAN ILLUSTRATES THE GENERAL LAYOUT OF AREAS ON THE FIRST FLOOR BELOW THE SECOND FLOOR WARD 2A AREA WHERE THE BULK OF DEMOLITION AND CONSTRUCTION WILL BE OCCURRING. AS THIS DRAWING WAS CREATED FROM THE BEST AVAILABLE DRAWINGS OF THIS AREA AT THAT TIME, SOME DIFFERENCES TO THE LAYOUT SHOULD BE EXPECTED AS THERE HAS BEEN SOME MINOR RENOVATION WORK THAT HAS OCCURRED SINCE THE DRAWING WAS CREATED.



KEY PLAN - FIRST FLOOR

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

STAMP

MICHAEL G. LACHIN No. 34072 REGISTERED ARCHITECT STATE OF LOUISIANA

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL DEMO PLANS AND RCP	Phase: FINAL SUBMISSION
Approved:	FULLY SPRINKLERED

Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH	Project Number: 586-22-102
	Building Number: 1
Location: 1500 E. Woodrow Wilson Dr. Jackson, MS	Drawing Number: AD101
Issue Date: 2/20/2025	Checked: MGL
	Drawn: TAC

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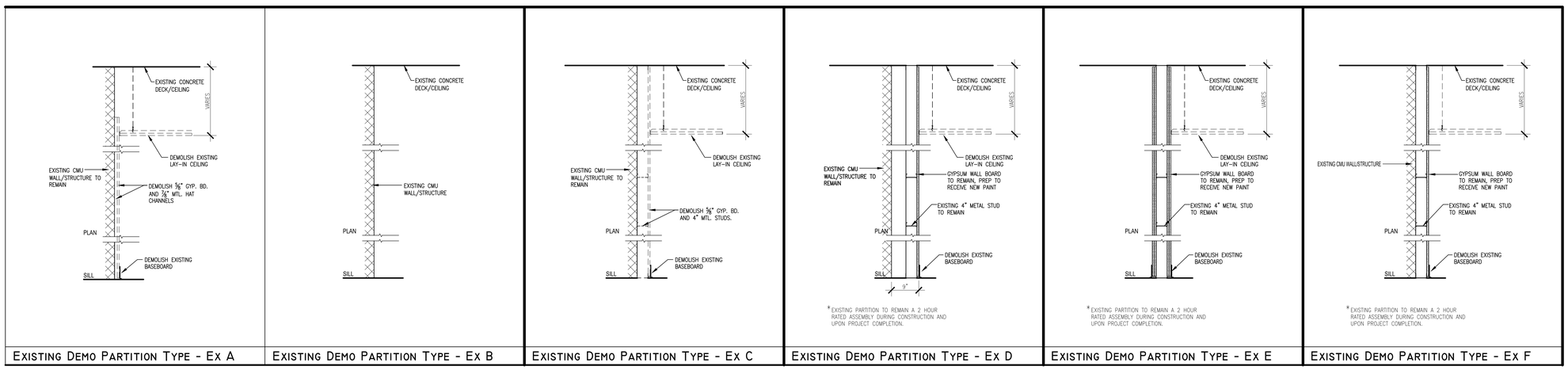

EXISTING DEMO PARTITION TYPE - EX A	EXISTING DEMO PARTITION TYPE - EX B	EXISTING DEMO PARTITION TYPE - EX C	EXISTING DEMO PARTITION TYPE - EX D	EXISTING DEMO PARTITION TYPE - EX E	EXISTING DEMO PARTITION TYPE - EX F

1 EXISTING PARTITION TYPES - DEMOLITION
3/4" = 1'-0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

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MICHAEL G. LACHIN Reg. No. 34,475 STATE OF LOUISIANA REGISTERED ARCHITECT

Office of Construction and Facilities Management

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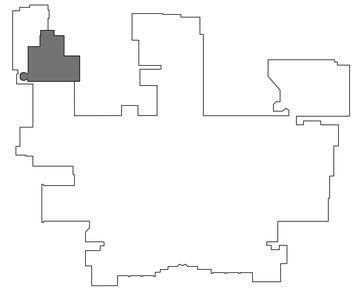
Drawing Title: WALL TYPES - SELECTIVE DEMOLITION	Phase: FINAL SUBMISSION	Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH	Project Number: 586-22-102
Approved:			Building Number: 1
		Location: 1500 E. Woodrow Wilson Dr. Jackson, MS	Drawing Number: AD102
	FULLY SPRINKLERED	Issue Date: 2/20/2025 / Checked: MGL / Drawn: TAC	

VA FORM 08 - 6231

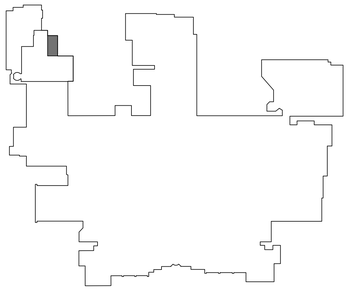
GENERAL PHASING NOTES

CONTRACTOR TO COORDINATE WITH COR AND SUBMIT A DETAILED PHASING PLAN FOR THE WORK BEFORE CONSTRUCTION BEGINS. PHASING PLAN SHALL BE APPROVED BY THE COR.

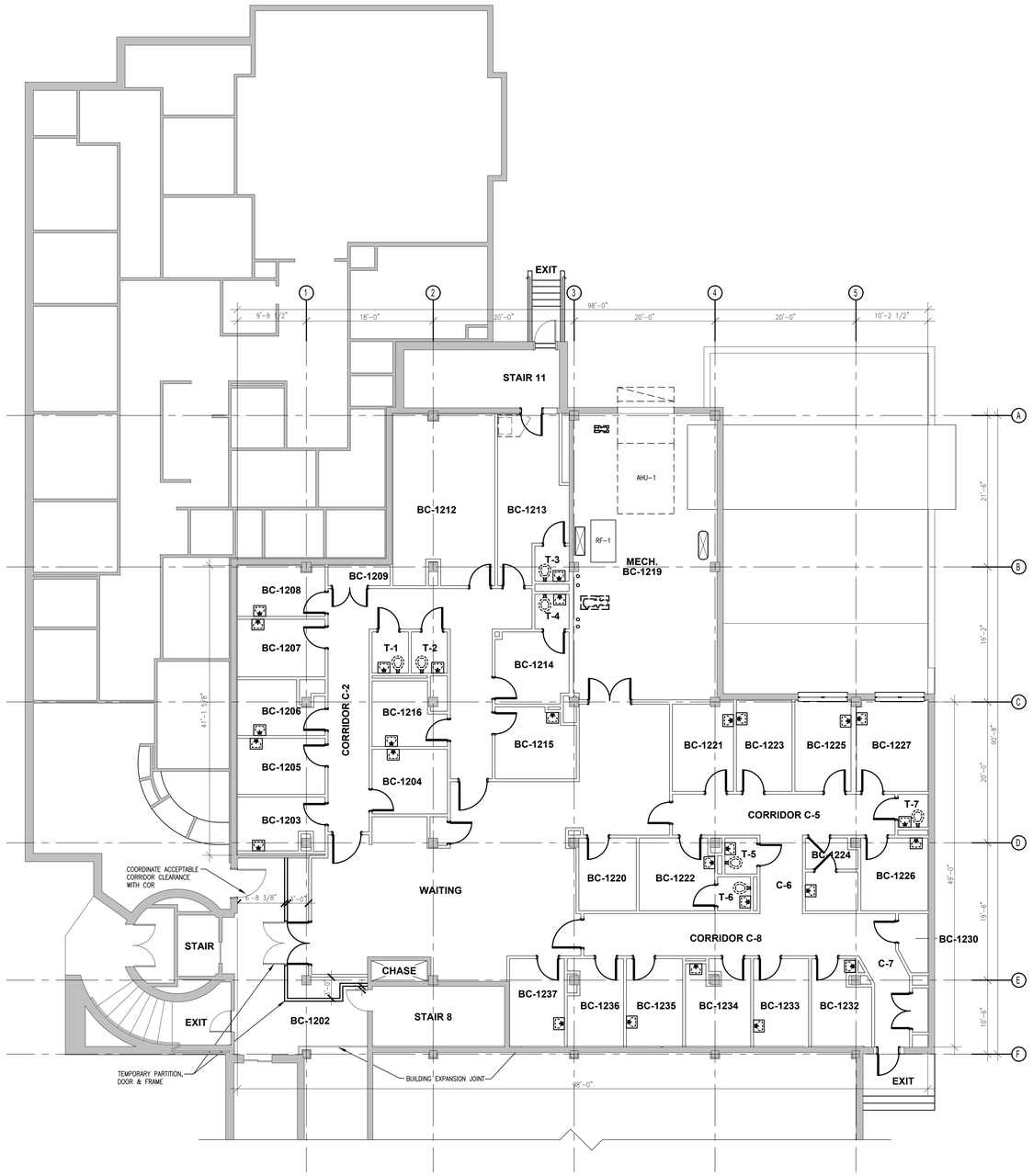
THE DETAILED PHASING PLAN SHOULD INCLUDE PHASED DISRUPTION DURATIONS OF SPACES ABOVE THE SECOND FLOOR AND SPACES BELOW THE SECOND FLOOR THAT WILL BE NECESSARY TO INSTALL THIS NEW WORK.



KEY PLAN - FIRST FLOOR

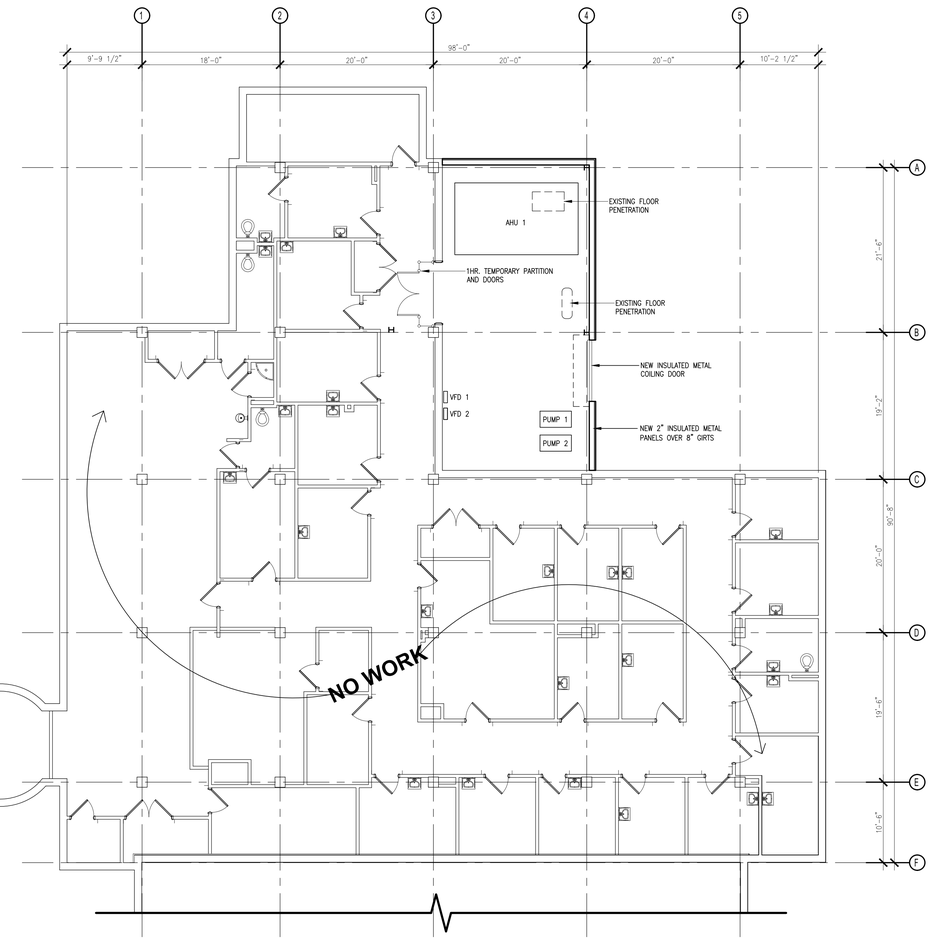


KEY PLAN - SECOND FLOOR - MECH. PENTHOUSE



1 A100 FIRST FLOOR PHASING PLAN

1/8" = 1'-0"



2 A100 SECOND FLOOR - PENT HOUSE PHASING PLAN

1/8" = 1'-0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E: LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

STAMP

Registered Architect — State of Louisiana

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ARCHITECTURAL PHASING PLAN	Phase: FINAL SUBMISSION
Approved:	FULLY SPRINKLERED

Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH	Project Number: 586-22-102
	Building Number: 1
Location: 1500 E. Woodrow Wilson Dr. Jackson, MS	Drawing Number: A100
Issue Date: 2/20/2025	Checked: MGL
	Drawn: TAC

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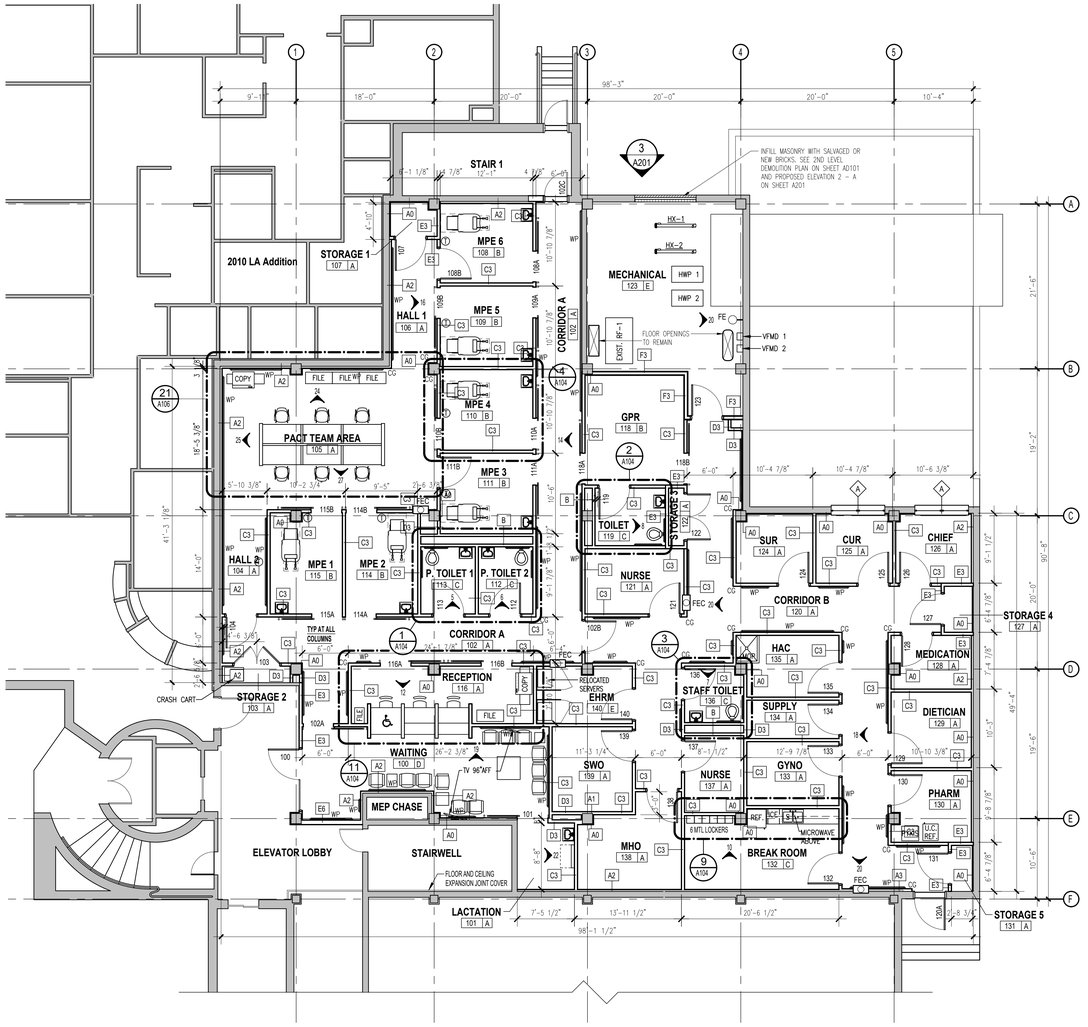
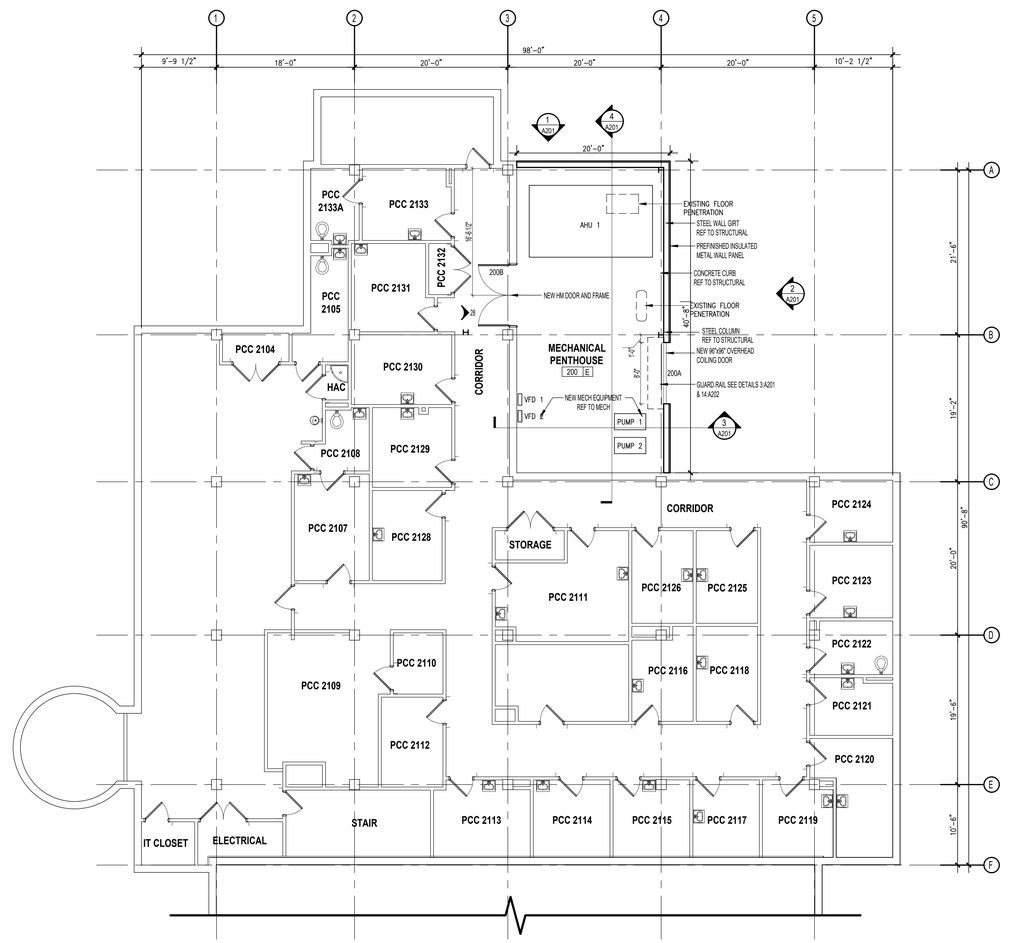


1 A101 — 1ST FLOOR PLAN - NEW PACT CLINIC

1/8" = 1'-0"



2 A101 — 2ND FLOOR PLAN - NEW HVAC PENTHOUSE

1/8" = 1'-0"

ABBREVIATIONS

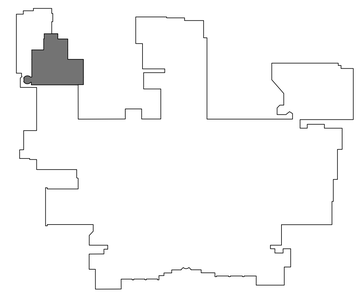
HWP	HORIZONTAL HEATING WATER PUMPS
VFMD	VARIABLE FREQUENCY MOTOR DRIVES
AHU	AIR HANDLING UNIT
HX	HOT WATER HEAT EXCHANGE
CC	CRASH CART

LEGEND

- CG — CORNER GUARD
- WP — WALL PROTECTION
- A2 — WALL TYPE (SHEET A601)
- FEC — RECESSED FIRE EXTINGUISHER & CABINET
- FE — WALL MOUNTED FIRE EXTINGUISHER
- EXISTING PARTITION TO REMAIN
- NEW PARTITION
- B — WINDOW OPENING (SHEET A601)
- 8 — INTERIOR ELEVATION (SHEETS A104 thru 106)

GENERAL NOTES

1. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS.
2. DIMENSIONS ARE TO FINISH UNLESS OTHERWISE NOTED.
3. ANY DIMENSIONAL DISCREPANCIES BETWEEN DRAWING DIMENSIONS AND EXISTING FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE COR IMMEDIATELY.
4. SIGNAGE LOCATIONS ARE IDENTIFIED ON SHEET A103.
5. SYSTEMS FURNITURE AND DESK DIVIDERS SHOWN IN "PACT TEAM AREA 105" ARE VA PROVIDED AND CONTRACTOR INSTALLED. SEE ELECTRICAL FOR POWER CONNECTION LOCATIONS.
6. COORDINATE FURNITURE ARRANGEMENT WITH COR PRIOR TO INSTALLATION.
7. SEE SHEET A602 FOR PARTITION TYPES.
8. FLOOR & CEILING PENETRATIONS THAT ARE ABANDONED SHALL BE REPAIRED TO MAINTAIN 2 HOUR SEPARATION REQUIREMENTS.
9. DUCT & PIPE PENETRATIONS THROUGH FLOOR & CEILING SHALL BE CAULKED WITH FIRE RATED SEALANT TO MAINTAIN 2 HOUR SEPARATION.



KEY PLAN - FIRST FLOOR

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

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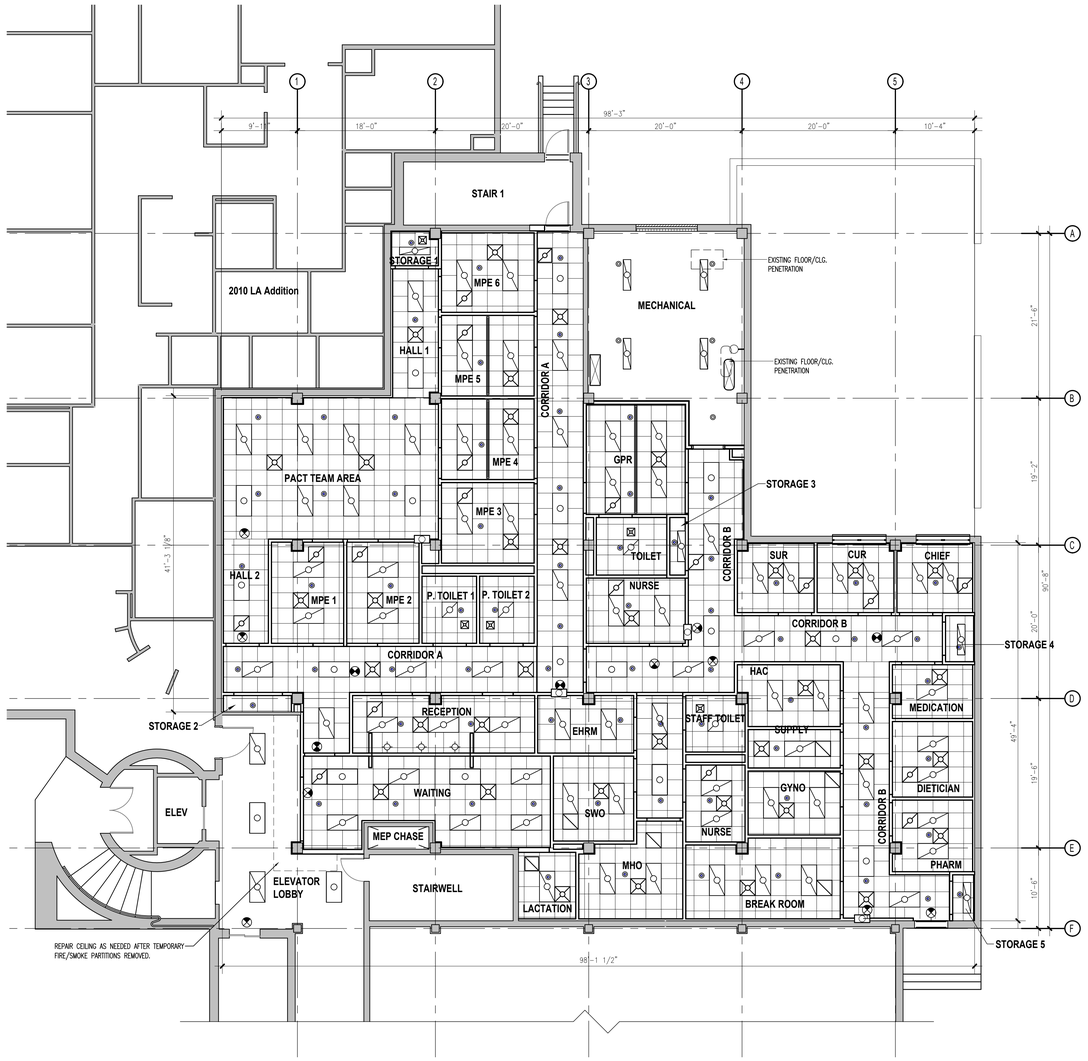
MICHAEL G. LACHIN — Reg. No. 3417 — 2025 — State of Louisiana — Registered Architect

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

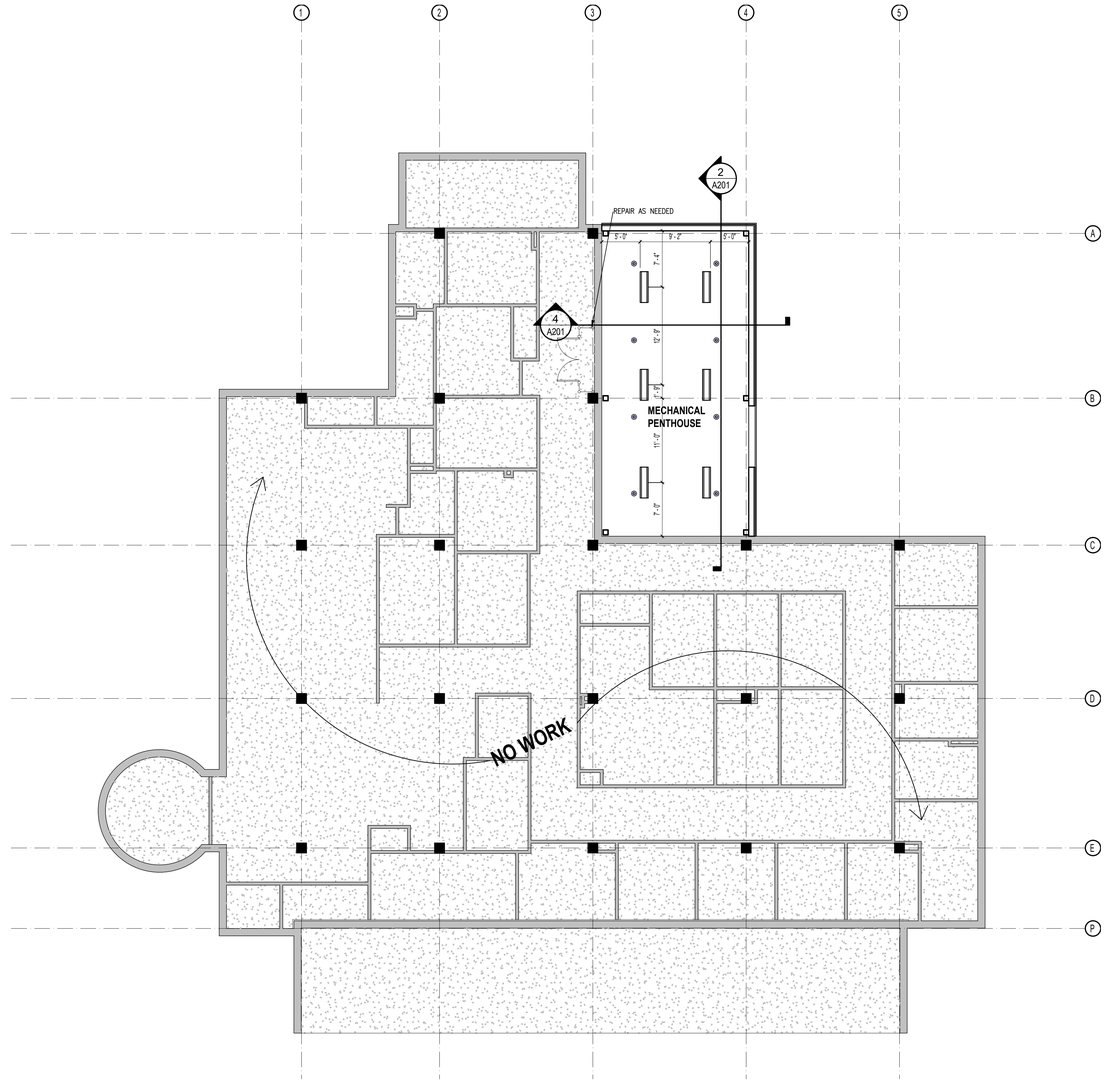
Drawing Title	FLOOR PLAN - 1ST & 2ND
Phase	FINAL SUBMISSION
Approved:	
	FULLY SPRINKLERED
Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location	1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date	2/20/2025
Checked	MGL
Drawn	TAC
Project Number	586-22-102
Building Number	1
Drawing Number	A101

VA FORM 08 - 6231



1 A102 — 1ST FLOOR RCP - NEW PACT CLINIC

1/8" = 1'-0"

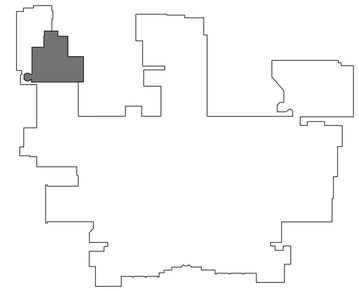


2 A102 — 2ND FLOOR RCP - NEW PENTHOUSE

1/8" = 1'-0"

LEGEND

- LIGHT FIXTURES
- MECHANICAL DIFFUSER
- MECHANICAL RETURN AIR DIFFUSER
- SPRINKLER HEAD



KEY PLAN - FIRST FLOOR

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: REFLECTED CEILING PLANS

Approved:

Phase: FINAL SUBMISSION

FULLY SPRINKLERED

Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH

Location: 1500 E. Woodrow Wilson Dr. Jackson, MS

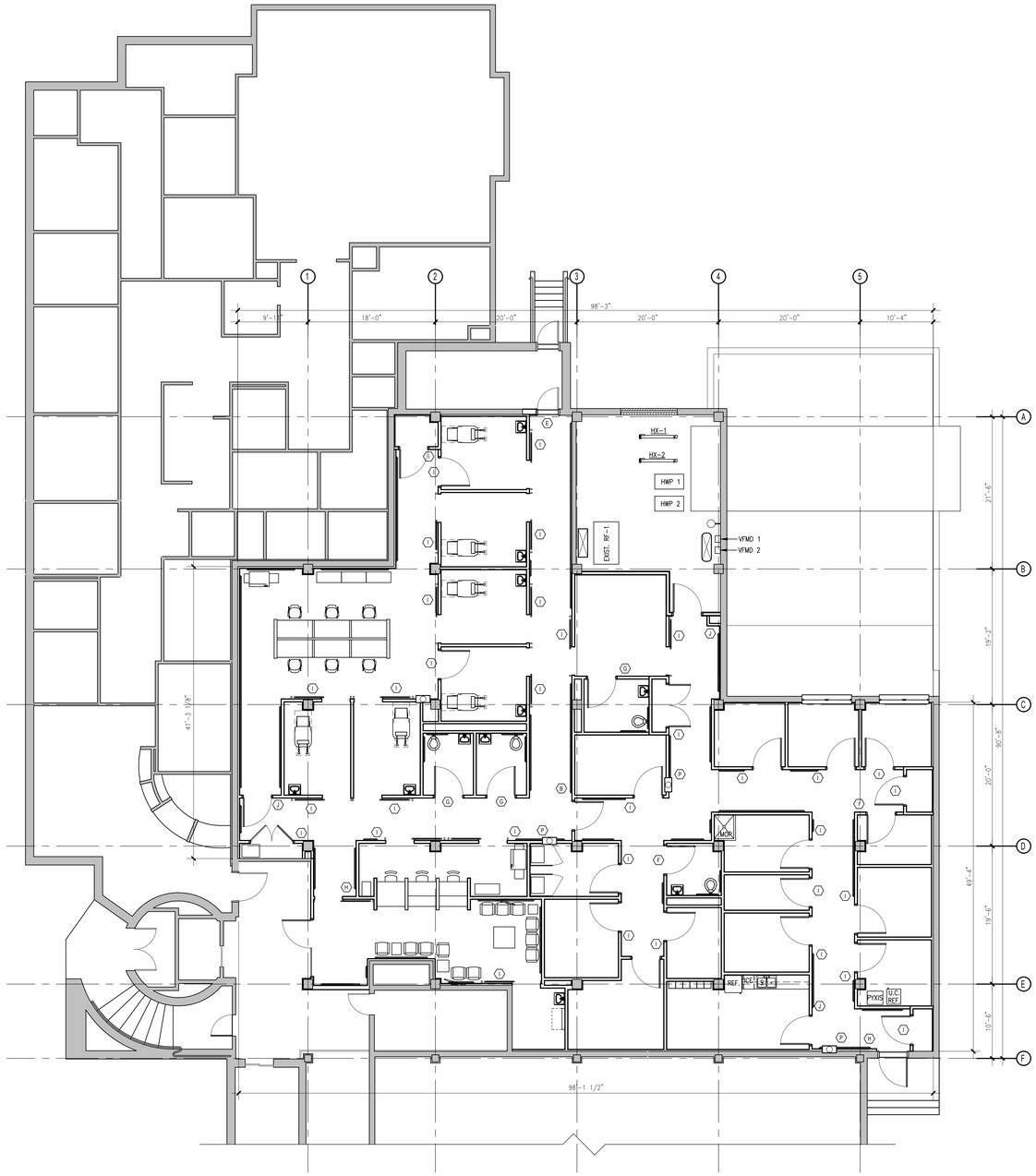
Issue Date: 2/20/2025 | Checked: MGL | Drawn: TAC

Project Number: 586-22-102

Building Number: 1

Drawing Number: A102

VA FORM 08 - 6231



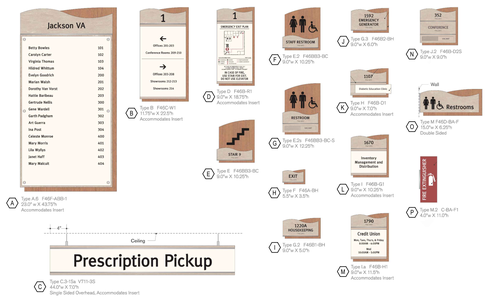
1 A103 FIRST FLOOR SIGNAGE PLAN

1/8" = 1'-0"

N

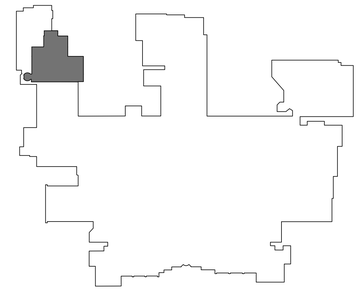
LEGEND

- (E) SIGN TYPE (SHEET A205)
- FEC RECESSED FIRE EXTINGUISHER & CABINET
- EXISTING PARTITION TO REMAIN
- NEW PARTITION



2 A103 SIGNAGE TYPES

N.T.S.



KEY PLAN - FIRST FLOOR

Revisions:	Date:

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ARCHITECT/ENGINEER OF RECORD

A/E:

LA LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

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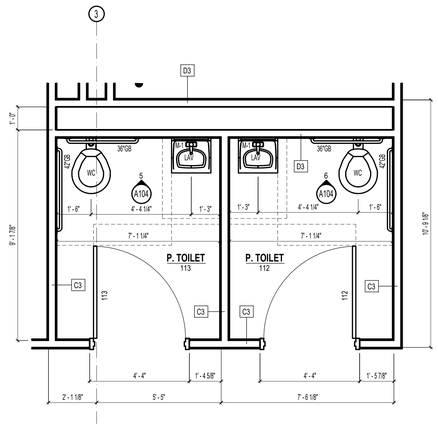
Office of Construction and Facilities Management

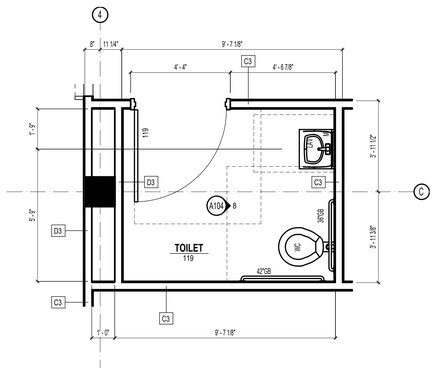
VA U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR SIGNAGE PLAN	Phase: FINAL SUBMISSION	Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH	Project Number: 586-22-102
			Building Number: 1
Approved:		Location: 1500 E. Woodrow Wilson Dr. Jackson, MS	Drawing Number: A103
	FULLY SPRINKLERED	Issue Date: 2/20/2025 / Checked: MGL / Drawn: TAC	

VA FORM 08 - 6231



1 A104 ENLARGED FLOOR PLAN - PATIENT TOILETS
3/8" = 1'-0"



2 A104 ENLARGED FLOOR PLAN - GYNO TOILET ROOM
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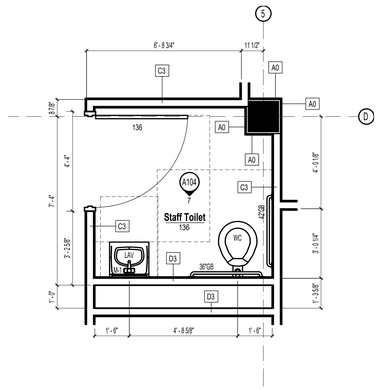
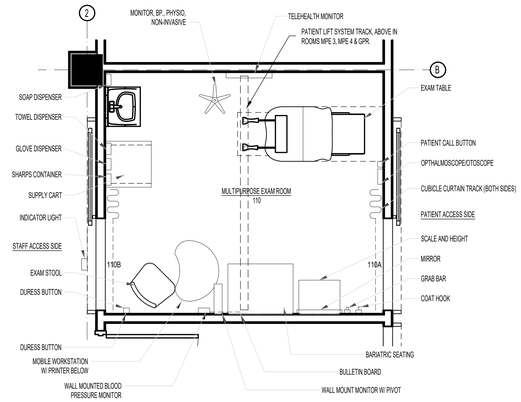
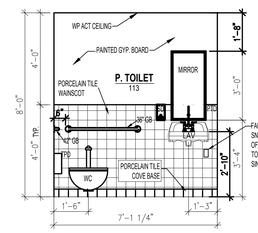


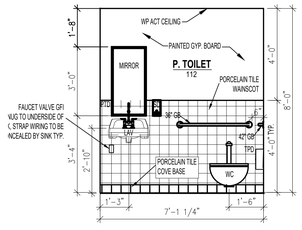
3 A104 ENLARGED FLOOR PLAN - STAFF TOILET
3/8" = 1'-0"



4 A104 TYPICAL MULTIPURPOSE EXAM ROOM LAYOUT
3/8" = 1'-0"



5 A104 INTERIOR ELEVATION - PATIENT TOILET 113
3/8" = 1'-0"



6 A104 INTERIOR ELEVATION - PATIENT TOILET 112
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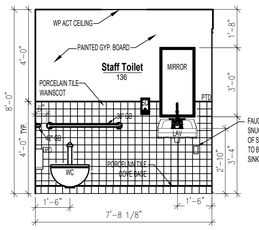
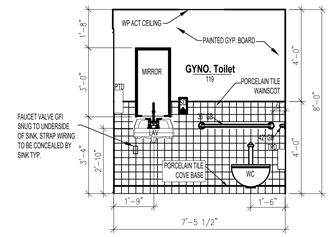
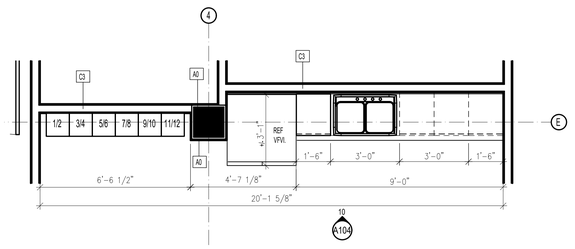


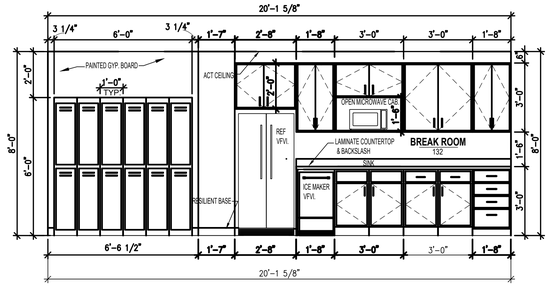
7 A104 INTERIOR ELEVATION - STAFF TOILET 136
3/8" = 1'-0"



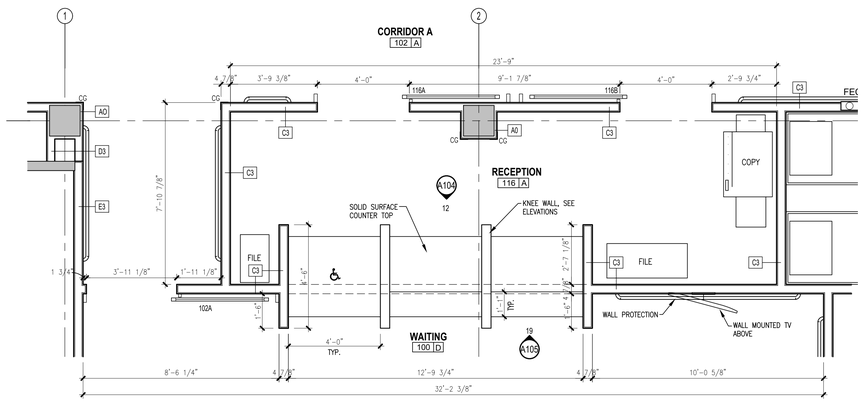
8 A104 INTERIOR ELEVATION - GYNO PATIENT TOILET RM
3/8" = 1'-0"



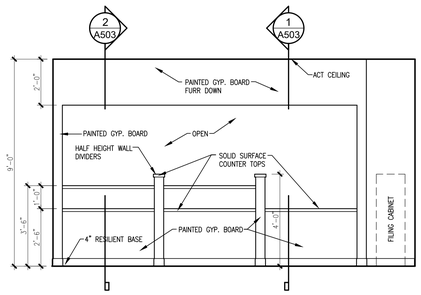
9 A104 ENLARGED FLOOR PLAN - BREAK ROOM
3/8" = 1'-0"



10 A104 INTERIOR ELEVATION - BREAK ROOM
3/8" = 1'-0"



11 A104 ENLARGED FLOOR PLAN - RECEPTION COUNTER
3/8" = 1'-0"



12 A104 INTERIOR ELEVATION AT RECEPTION 116
3/8" = 1'-0"

EQUIPMENT SCHEDULE

EQUIPMENT DESCRIPTION	QUANTITY	NOTES	
SIGNAGE	SEE DRAWING A502		CFCI
MIRRORS @ LAVS	ONE AT EACH LAVATORY		CFCI
SOAP DISPENSER	ONE AT EACH LAVATORY		VFCI
PAPER TOWEL DISPENSER	ONE AT EACH LAVATORY OR SINK		VFCI
SANITIZER DISPENSER	TBD	LOCATE AS DIRECTED BY VA	VFCI
EXAMINATION GLOVE DISPENSER	ONE AT EACH LAVATORY OR SINK		VFCI
TOILET TISSUE DISPENSER	ONE AT EACH WC		VFCI
CUBICLE CURTAIN TRACKS	SEE REFL CEILING PLAN FOR LOCATIONS		CFCI
CUBICLE CURTAINS	ONE AT EACH EXAM ROOM DOOR (+/- 14)		VFVI
TELEVISION AND BRACKET	2		CFCI
REFRIGERATOR	1		VFCI
WINDOW BLINDS		AT EACH EXTERIOR WINDOW WITHIN THE FIELD MEASURE & PROVIDE WINDOW BLINDS PROJECT AREA	CFCI
ICE MACHINE	2		VFCI
WORK STATION AT PACT AREA	1		VFCI
MICROWAVE	1		VFCI

Revisions:	Date:

CONSULTANT
Consultant:

ARCHITECT/ENGINEER OF RECORD
A/E:
LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

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MICHAEL G. LACHIN Reg. No. 14,775 STATE OF LOUISIANA REGISTERED ARCHITECT

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VA | U.S. Department of Veterans Affairs

Drawing Title: ENLARGED FLOOR PLANS & INTERIOR ELEVATIONS
Approved:
Phase: FINAL SUBMISSION
FULLY SPRINKLERED
Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location: 1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date: 2/20/2025
Checked: MGL
Drawn: TAC
Project Number: 586-22-102
Building Number: 1
Drawing Number: A104

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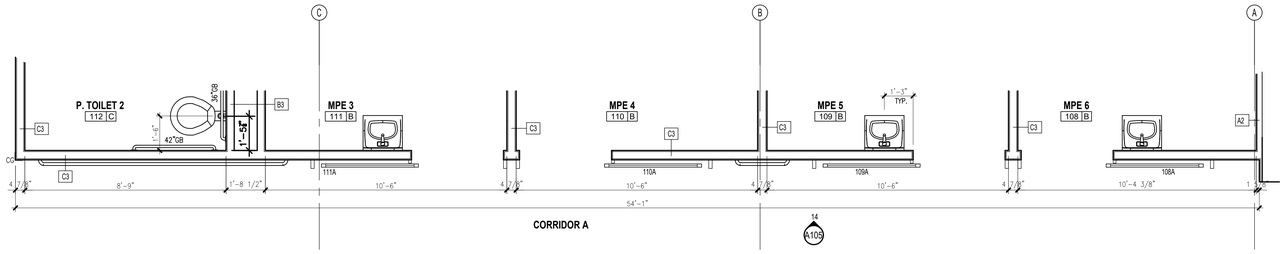
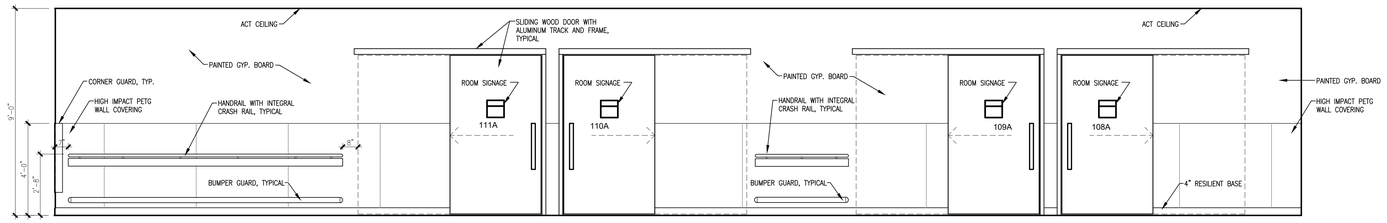


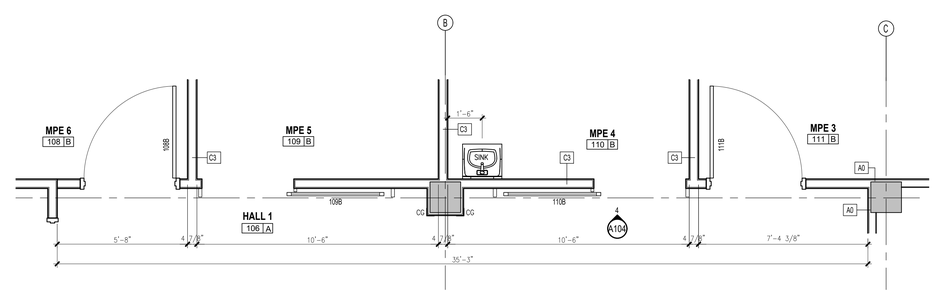
13 A105 Enlarged Floor Plan - Corridor A

3/8" = 1'-0"



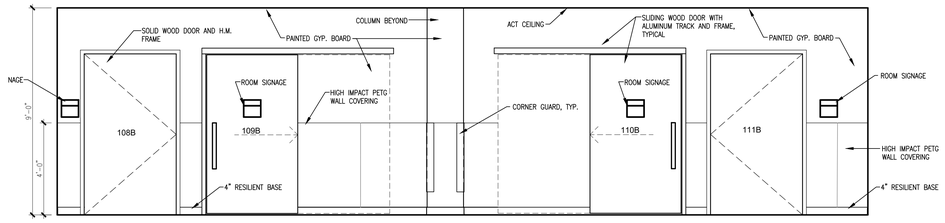
14 A105 Interior Elevation at Corridor A

3/8" = 1'-0"



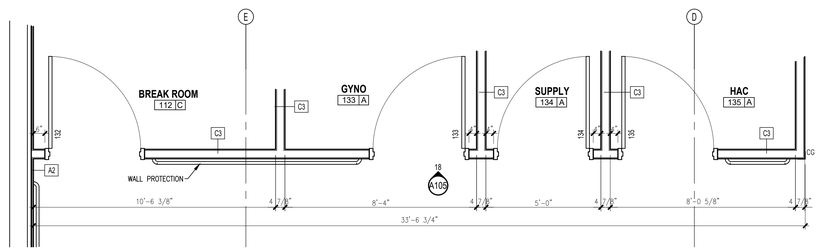
15 A105 Enlarged Floor Plan - Hall 1

3/8" = 1'-0"



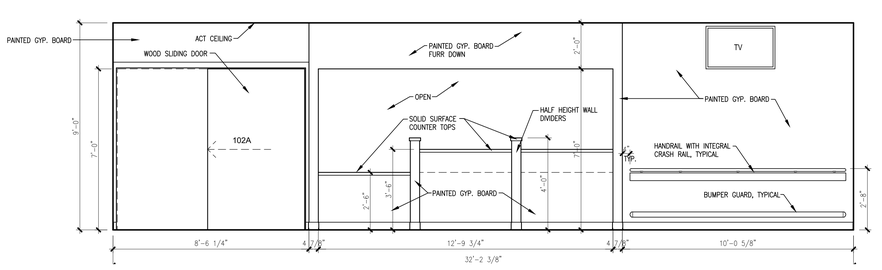
16 A105 Interior Elevation - Hall 1

3/8" = 1'-0"



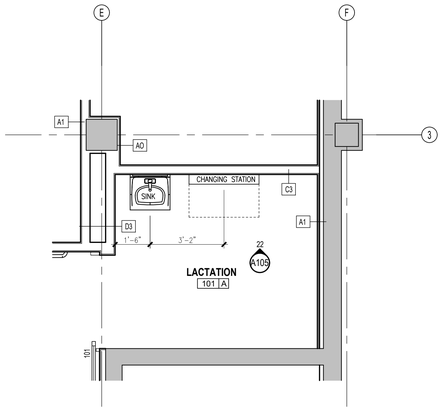
17 A105 Enlarged Floor Plan - Corridor B

3/8" = 1'-0"



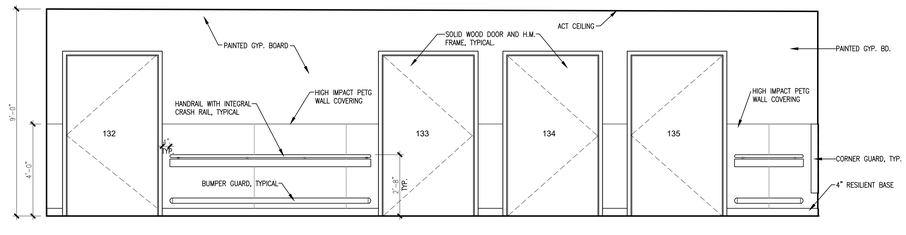
19 A105 Interior Elevation - Reception

3/8" = 1'-0"



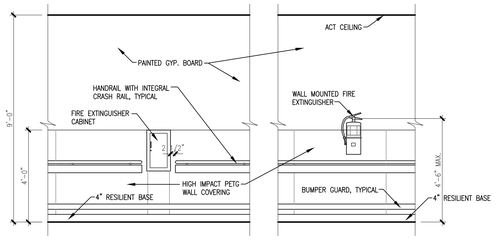
21 A105 Enlarged Floor Plan - Lactation Room

3/8" = 1'-0"



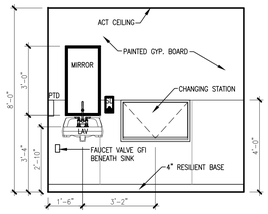
18 A105 Interior elevation - Corridor B

3/8" = 1'-0"



20 A105 INTERIOR ELEVATION - FIRE EXTINGUISHER CAB. TYP.

3/8" = 1'-0"



22 A105 Interior Elevation - Lactation Room

3/8" = 1'-0"

Revisions:	Date:

CONSULTANT

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LACHIN Architects, apc

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5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

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Office of Construction and Facilities Management

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Drawing Title: ENLARGED FLOOR PLANS & INTERIOR ELEVATIONS	Phase: FINAL SUBMISSION
Approved:	FULLY SPRINKLERED

Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH	Project Number: 586-22-102
	Building Number: 1
Location: 1500 E. Woodrow Wilson Dr. Jackson, MS	Drawing Number: A105
Issue Date: 2/20/2025	Checked: MGL
	Drawn: TAC

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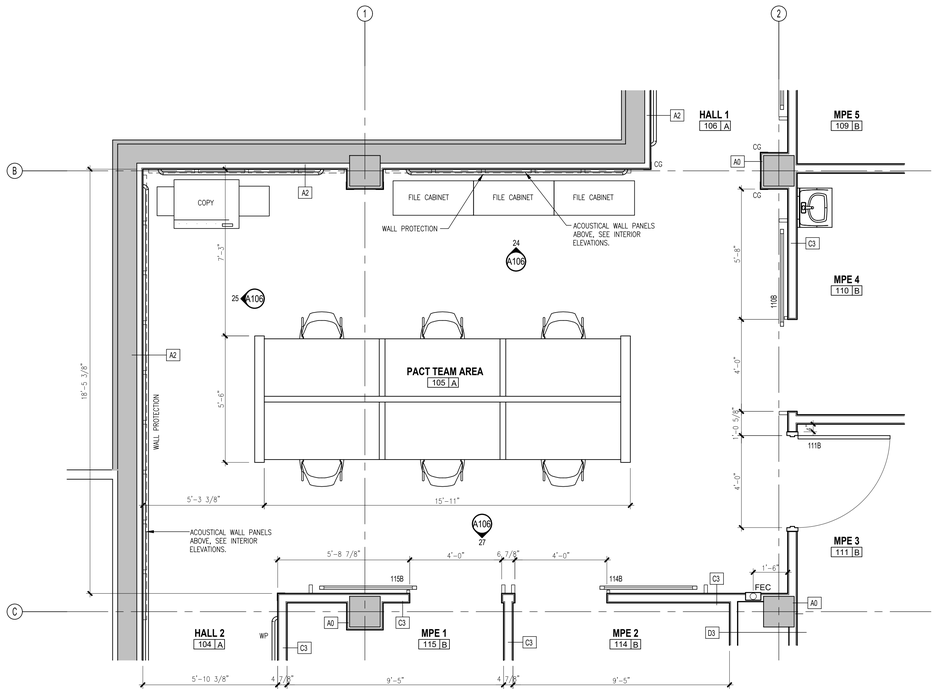
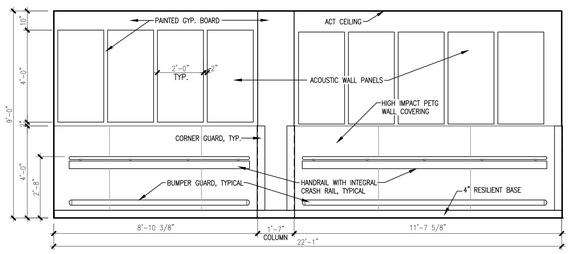


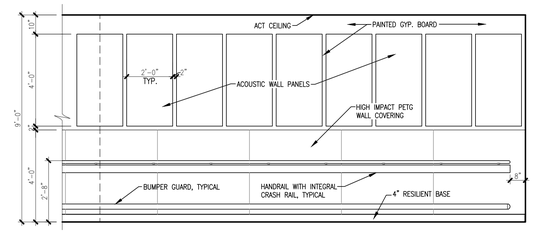
23 A106 Enlarged Floor Plan - PACT Team Room

3/8" = 1'-0"



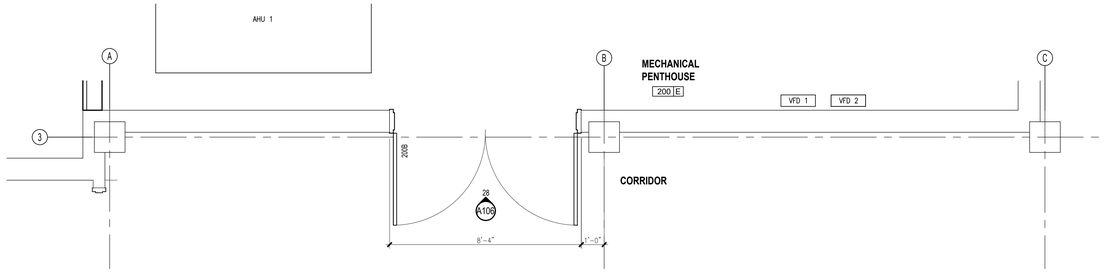
24 A106 Interior Elevation - PACT Team Room

3/8" = 1'-0"



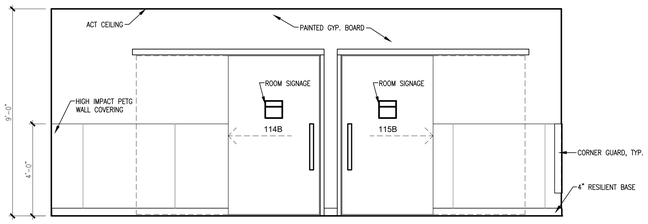
25 A106 Interior Elevation - PACT Team Room

3/8" = 1'-0"



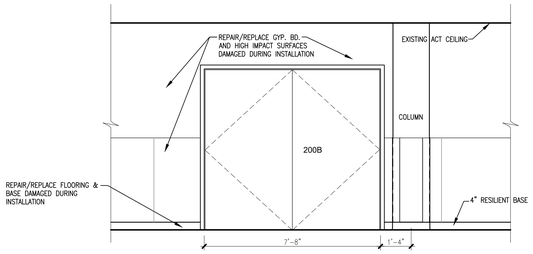
26 A105 Enlarged Floor Plan - MECHANICAL PENTHOUSE

3/8" = 1'-0"



27 A106 Enlarged Floor Plan - PACT Team Room

3/8" = 1'-0"



28 A105 Interior Elevation - Mechanical Penthouse

3/8" = 1'-0"

8 A107 Interior Elevation - PACT Team Room

3/8" = 1'-0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

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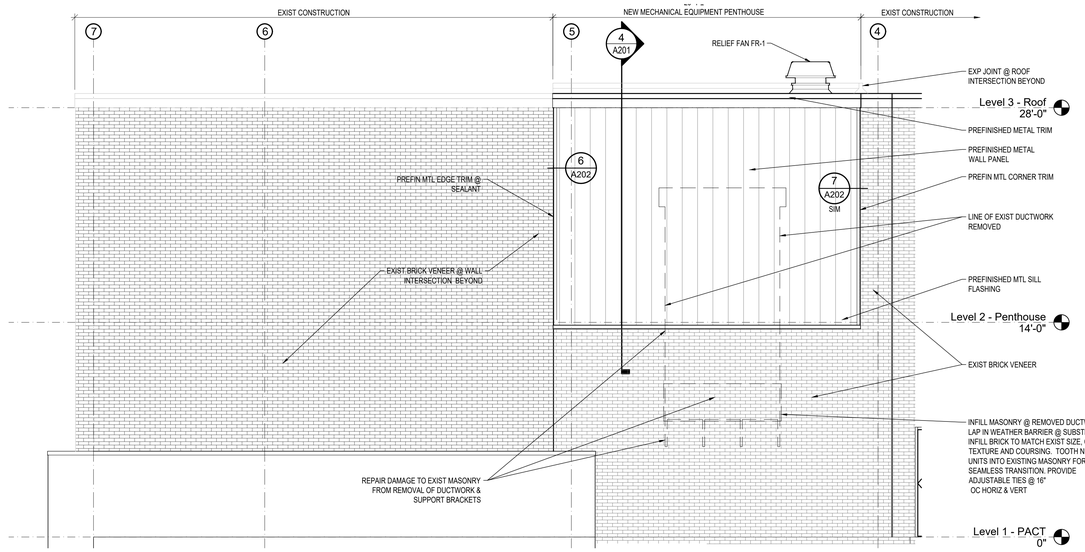
MICHAEL G. LACHIN Reg. No. 34427 REGISTERED ARCHITECT STATE OF LOUISIANA

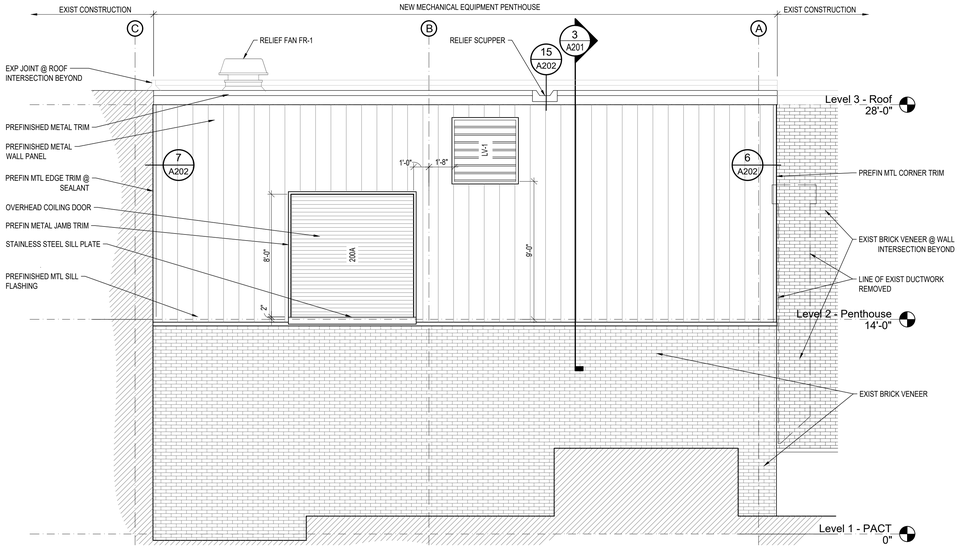
Office of Construction and Facilities Management

VA | U.S. Department of Veterans Affairs

Drawing Title	ENLARGED FLOOR PLANS & INTERIOR ELEVATIONS
Approved:	
Phase	FINAL SUBMISSION
	FULLY SPRINKLERED
Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location	1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date	2/20/2025
Checked	MGL
Drawn	TAC
Project Number	586-22-102
Building Number	1
Drawing Number	A106

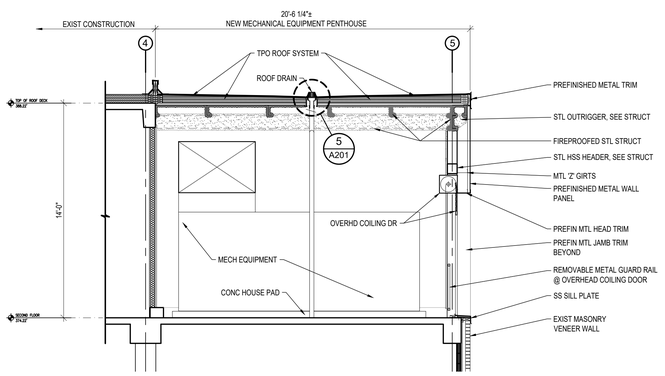
VA FORM 08 - 6231





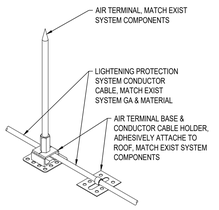
1 A201 ELEVATION 2 - A

1/4" = 1'-0"



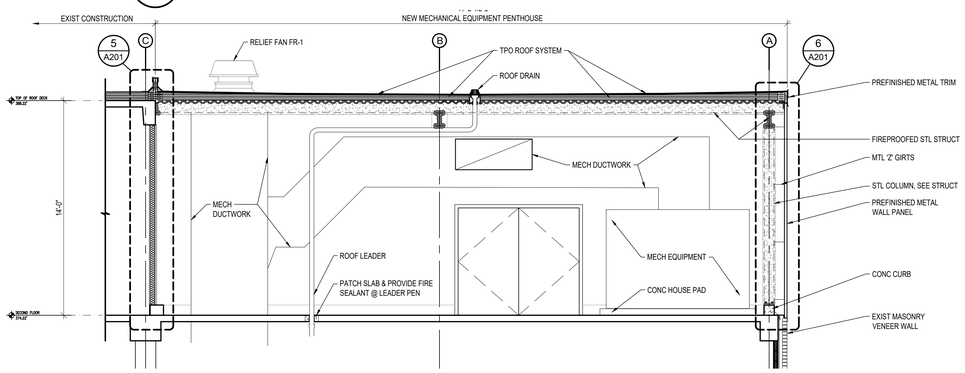
8 A201 AIR TERMINAL DETAIL

1 1/2" = 1'-0"



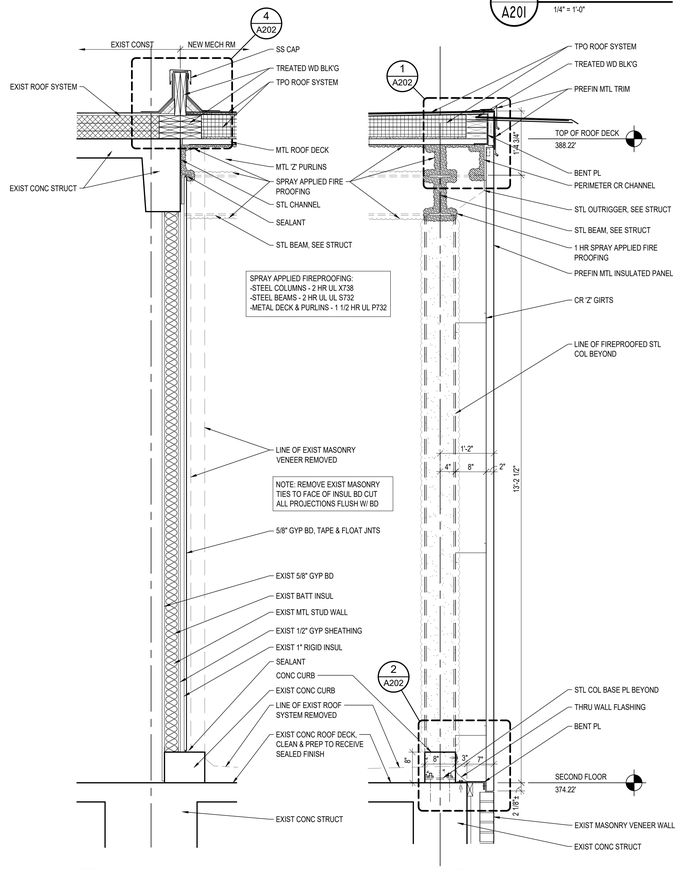
3 A201 SECTION @ PENTHOUSE

1/4" = 1'-0"



4 A201 SECTION @ PENTHOUSE

1/4" = 1'-0"



5 A201 WALL SECTION

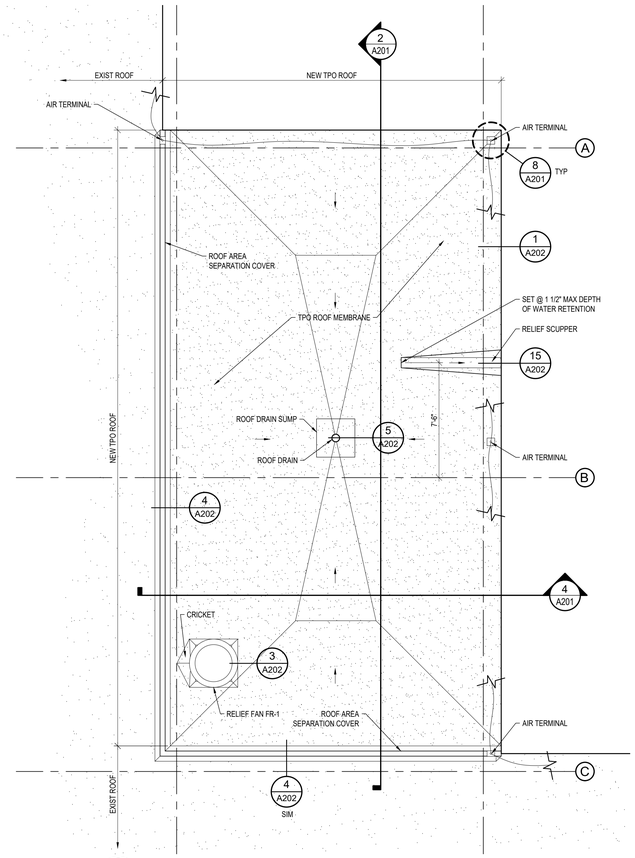
3/4" = 1'-0"

2 A201 ELEVATION 1 - A

1/4" = 1'-0"

6 A201 WALL SECTION

3/4" = 1'-0"



7 A201 PART ROOF PLAN

1/4" = 1'-0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

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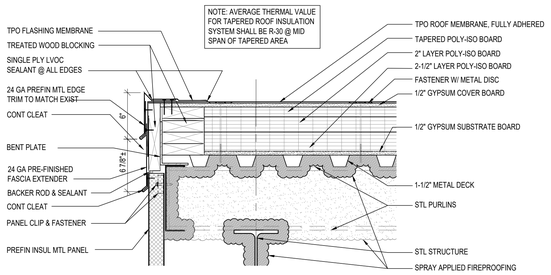
MICHAEL S. LACHIN No. 34722 REGISTERED ARCHITECT STATE OF LOUISIANA

Office of Construction and Facilities Management

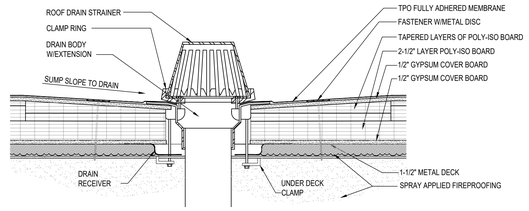
VA U.S. Department of Veterans Affairs

Drawing Title	PENTHOUSE ELEVATIONS, SECTIONS & ROOF PLAN
Approved:	
Phase	FINAL SUBMISSION
	FULLY SPRINKLERED
Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location	1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date	2/20/2025
Checked	MGL
Drawn	TAC
Project Number	586-22-102
Building Number	1
Drawing Number	A201

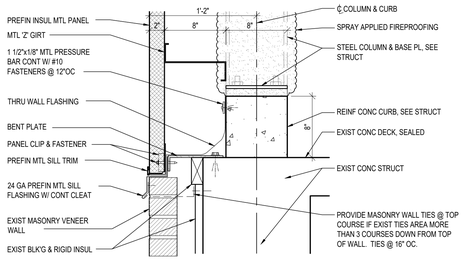
VA FORM 08 - 6231



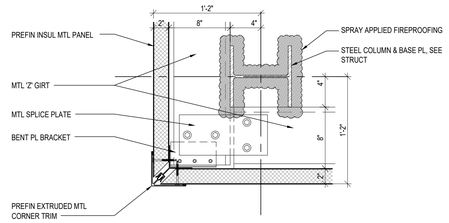
1 A202 ROOF EDGE DETAIL
1 1/2" = 1'-0"



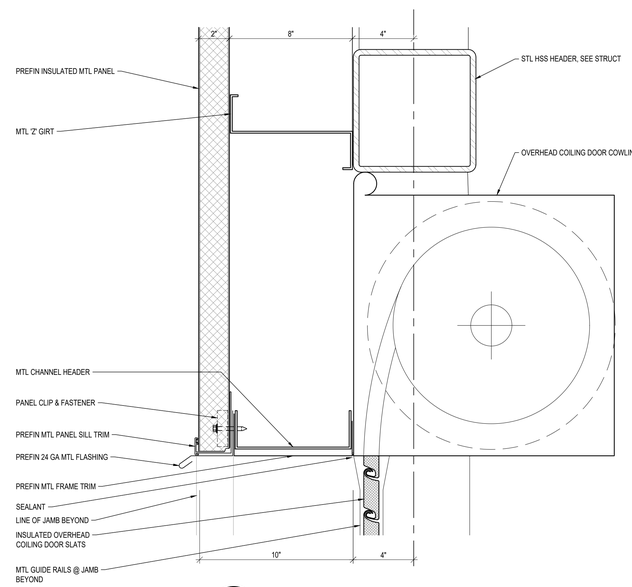
5 A202 ROOF DRAIN DETAIL
1 1/2" = 1'-0"



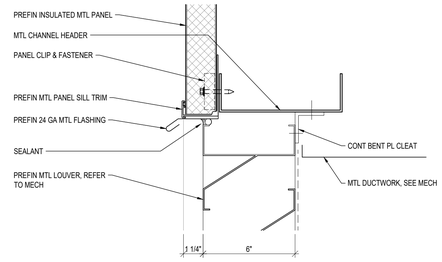
2 A202 METAL PANEL SILL DETAIL
1 1/2" = 1'-0"



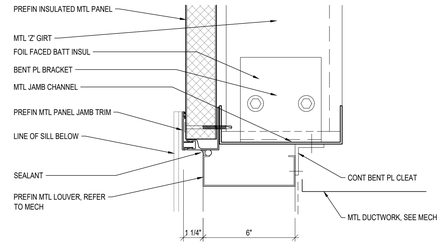
6 A202 METAL PANEL CORNER DETAIL
1 1/2" = 1'-0"



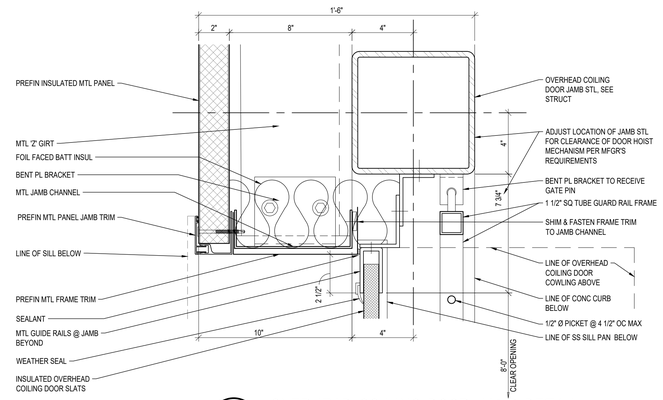
8 A202 OVERHEAD COILING DOOR HEAD DETAIL
3" = 1'-0"



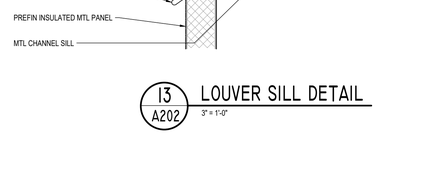
11 A202 LOUVER HEAD DETAIL
3" = 1'-0"



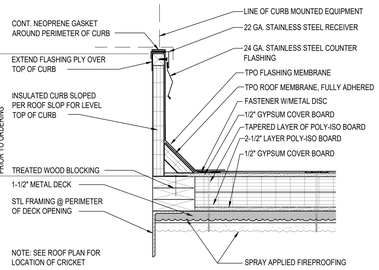
12 A202 LOUVER JAMB DETAIL
3" = 1'-0"



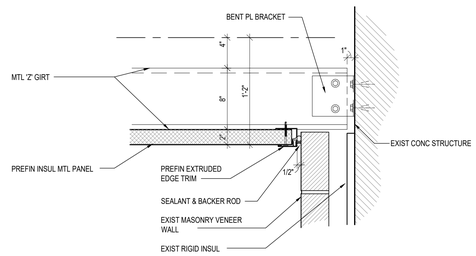
9 A202 OVERHEAD COILING DOOR JAMB DETAIL
3" = 1'-0"



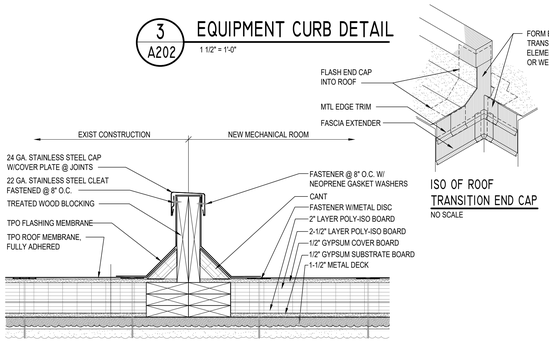
13 A202 LOUVER SILL DETAIL
3" = 1'-0"



3 A202 EQUIPMENT CURB DETAIL
1 1/2" = 1'-0"

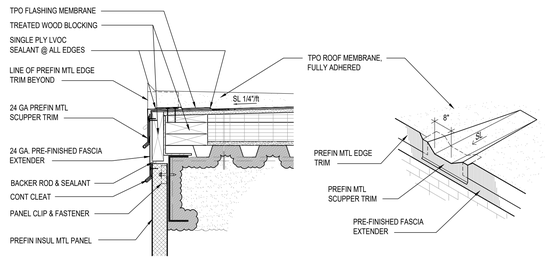


7 A202 METAL PANEL EDGE DETAIL
1 1/2" = 1'-0"

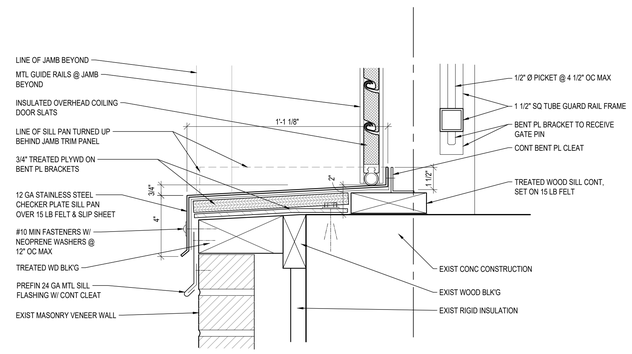


ISO OF ROOF TRANSITION END CAP
NO SCALE

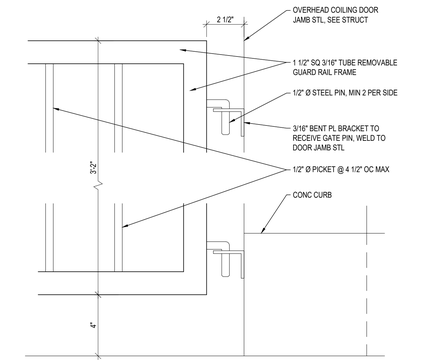
4 A202 ROOF TRANSITION DETAIL
1 1/2" = 1'-0"



15 A202 RELIEF SCUPPER DETAIL
1 1/2" = 1'-0"



10 A202 OVERHEAD COILING DOOR SILL DETAIL
3" = 1'-0"



14 A202 OVERHEAD COILING DOOR GUARD DETAIL
3" = 1'-0"

Revisions:	Date:

CONSULTANT
Consultant:

ARCHITECT/ENGINEER OF RECORD
A/E:
LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

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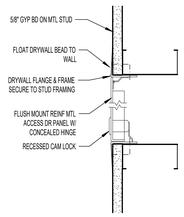
MICHAEL G. LACHIN Reg. No. 14743 REGISTERED ARCHITECT STATE OF LOUISIANA

Office of Construction and Facilities Management
VA | U.S. Department of Veterans Affairs

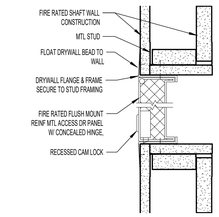
Drawing Title: PENTHOUSE DETAILS	Phase: FINAL SUBMISSION
Approved:	FULLY SPRINKLERED

Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location	1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date	2/20/2025
Checked	MGL
Drawn	TAC
Project Number	586-22-102
Building Number	1
Drawing Number	A202

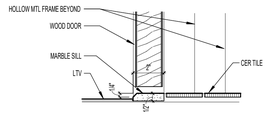
VA FORM 08 - 6231



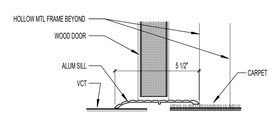
8 Access Panel Dry Wall
3" = 1'-0"



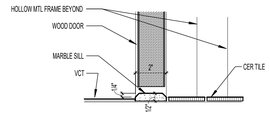
9 Access Panel Dry Wall Fire Rated
3" = 1'-0"



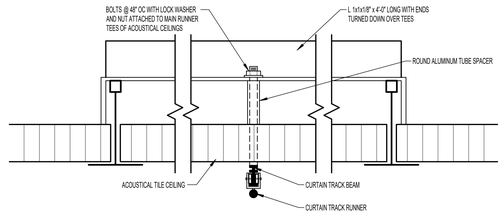
10 Threshold LVT/CT
3" = 1'-0"



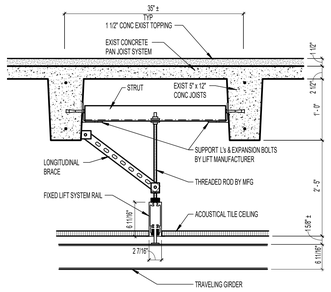
11 Threshold VCT/Carpet
3" = 1'-0"



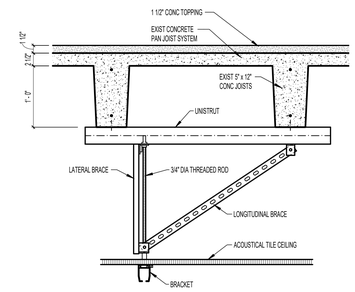
12 Threshold VCT/CT 2
3" = 1'-0"



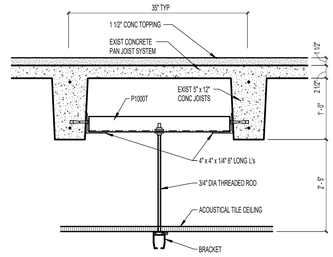
18 Cubicle Curtain Track
6" = 1'-0"



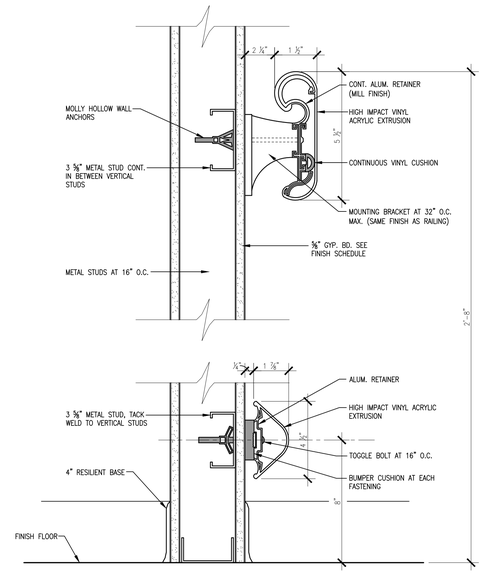
19 Patient Lift Detail at Recessed Rails
1" = 1'-0"



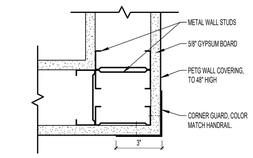
13 Patient Lift Detail-void
1" = 1'-0"



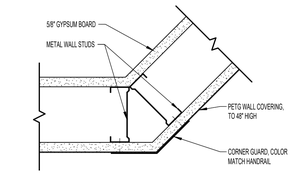
14 Patient Lift Detail
1" = 1'-0"



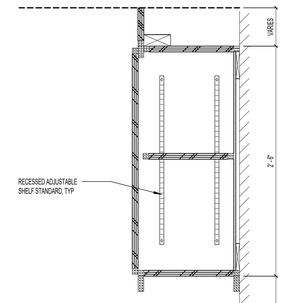
18 Interior Wall Bumper Guard
Not to Scale

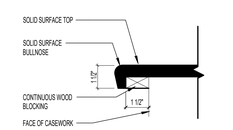


16 Typ Plan at 90° Corner
3" = 1'-0"

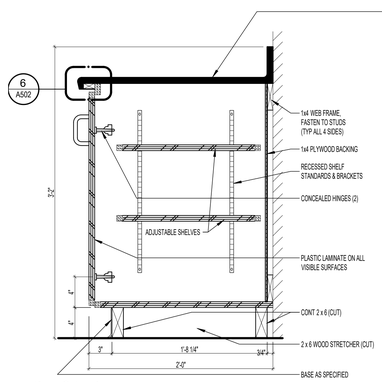


17 Typ Plan at 135° Corner
3" = 1'-0"

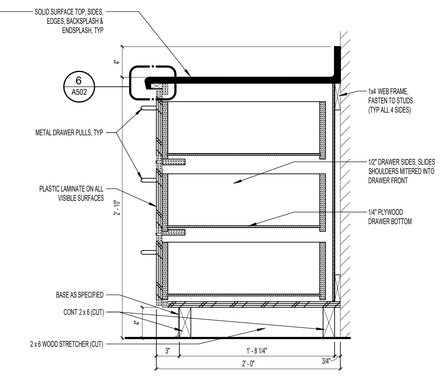




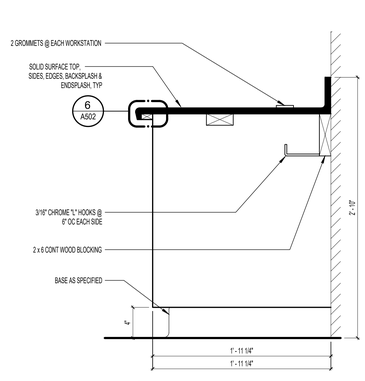
6 EDGE Detail
3" = 1'-0"



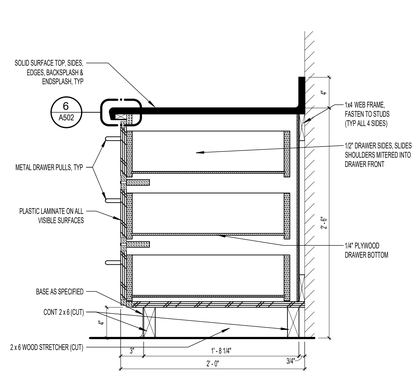
5 Base Cabinet
1 1/2" = 1'-0"



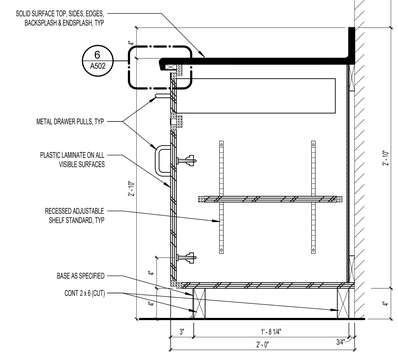
4 Cabinet Drawer Base
1 1/2" = 1'-0"



3 Open Base Worksurface
1 1/2" = 1'-0"



2 Base Cabinet w Drawers
1 1/2" = 1'-0"



1 Cabinet Detail, Typ
1 1/2" = 1'-0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

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MICHAEL G. LACHIN Reg. No. 34547 REGISTERED ARCHITECT STATE OF LOUISIANA

Office of Construction and Facilities Management

VA | U.S. Department of Veterans Affairs

Approved:

Drawing Title: SIGNAGE, MILLWORK DETAILS & MISCELLANEOUS DETAILS

Phase: FINAL SUBMISSION

FULLY SPRINKLERED

Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH

Location: 1500 E. Woodrow Wilson Dr. Jackson, MS

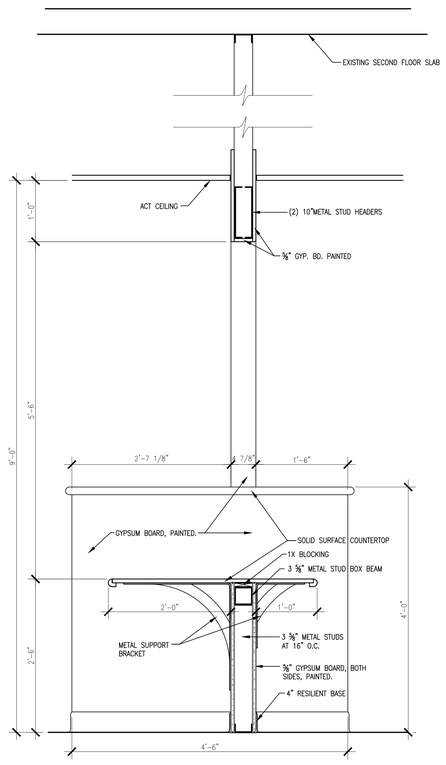
Issue Date: 2/20/2025 | Checked: MGL | Drawn: TAC

Project Number: 586-22-102

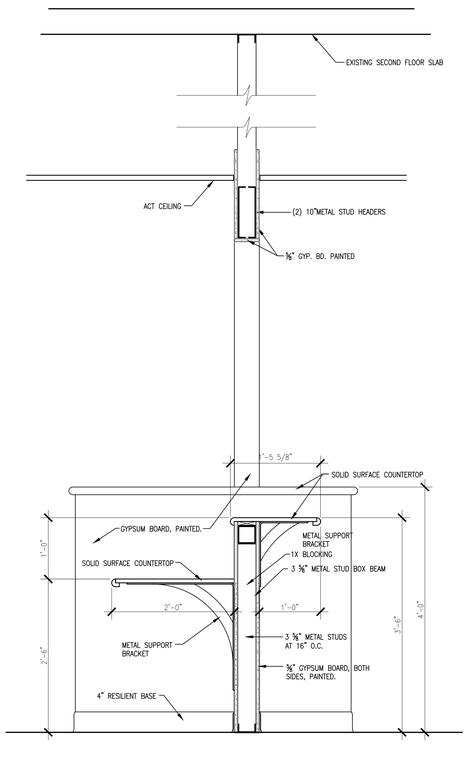
Building Number: 1

Drawing Number: A502

VA FORM 08 - 6231



1 SECTION AT RECEPTION COUNTER
1" = 1'-0"



2 SECTION AT RECEPTION COUNTER
1" = 1'-0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LA LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

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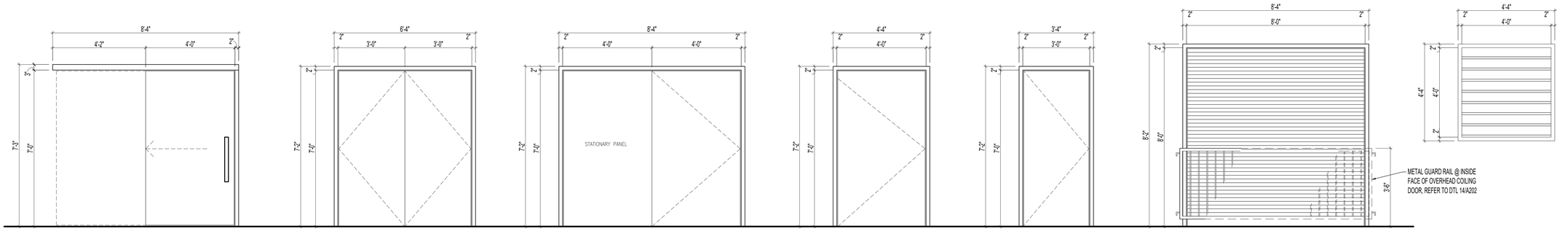
Office of Construction and Facilities Management

VA | U.S. Department of Veterans Affairs

Drawing Title: MILLWORK DETAILS	Phase: FINAL SUBMISSION
Approved:	FULLY SPRINKLERED

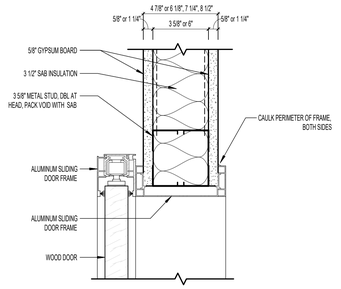
Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location	1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date	2/20/2025
Checked	MGL
Drawn	TAC
Project Number	586-22-102
Building Number	1
Drawing Number	A503

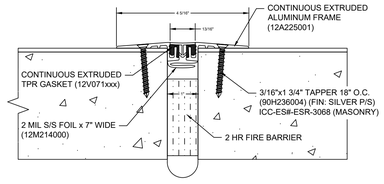
VA FORM 08 - 6231



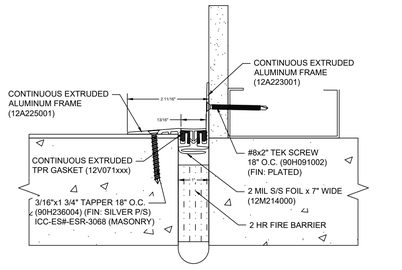
1 / A601 Opening Elevations

1/2" = 1'-0"

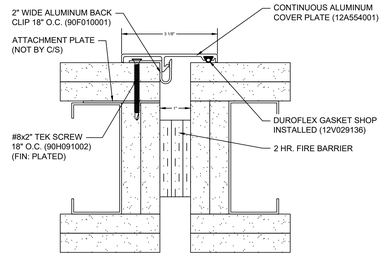




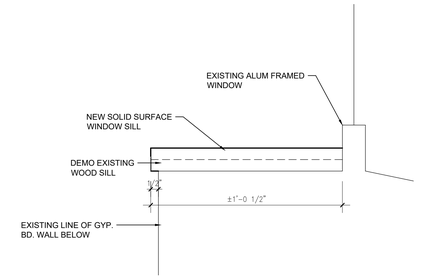
9 BUILDING EXPANSION JOINT COVER AT FLOOR
HALF SIZE



10 BUILDING EXPANSION JOINT COVER AT FLOOR (ADJACENT TO PARTITION)
HALF SIZE



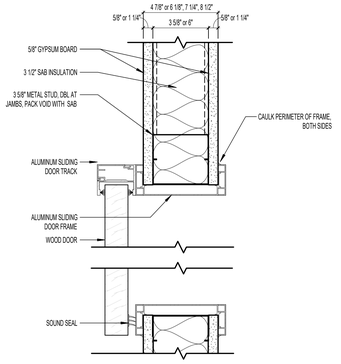
11 BUILDING EXPANSION JOINT COVER AT WALL
HALF SIZE



12 WINDOW SILL DETAIL - ROOMS "CUR 125" & "CHIEF 126"
1 ½" = 1'-0"

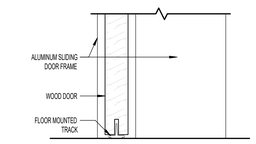
2 / A601 Sliding Door Head

3" = 1'-0"



3 / A601 Sliding Door Jamb

3" = 1'-0"

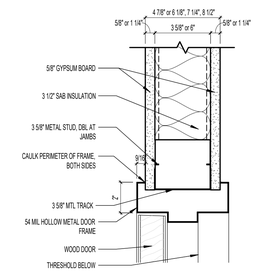


4 / A601 Sliding Door Sill

3" = 1'-0"

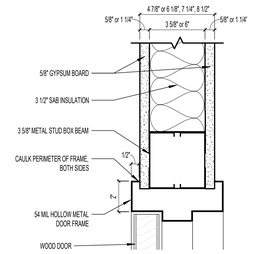
5 / A601 Jamb Detail

3" = 1'-0"



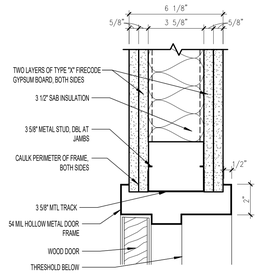
6 / A601 Head Detail

3" = 1'-0"



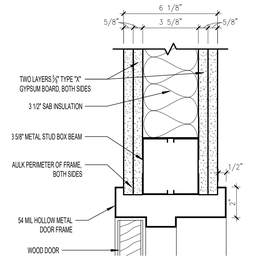
7 / A601 Jamb Detail

3" = 1'-0"



8 / A601 Head Detail

3" = 1'-0"



OPENING SCHEDULE

MARK	OPENING					FRAME				FIRE RATING	ELEV	HWD	REMARKS
		WIDTH	HEIGHT	THK		HEAD	JAMB	SILL	MAT'L				
A	EXISTING	6'-5"	3'-6"			-	-	12:A601	H.M.		-		PROVIDE NEW SOLID SURFACE SILL & NEW WOODEN BLINDS

DOOR AND FRAME SCHEDULE

MARK	DOOR					FRAME				FIRE RATING	ELEV	HWD	TYPE DOOR	REMARKS
	No PNL'S	WIDTH	HEIGHT	THK	MAT'L	HEAD	JAMB	SILL	MAT'L					
100	2	8' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM	SB	2A		SWINGING	ONE STATIONARY PANEL
101	1	4' - 0"	7' - 0"	1 3/4"	WD	2/A601	3/A601	4/A601	ALUM		1		SLIDING	
102A	1	4' - 0"	7' - 0"	1 3/4"	WD	2/A601	3/A601	4/A601	ALUM		1		SLIDING	PROVIDE AUTOMATIC CLOSER | PROVIDE CARD ACCESS CONTROL
102B	1	4' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM		3		SWINGING	PROVIDE CARD ACCESS CONTROL
102C	1	3' - 0"	7' - 0"	1 3/4"	MTL	7/A601	8/A601		HM	90	4		SWINGING	
103	2	6' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM	45	2			
104	1	4' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM		3			PROVIDE CARD ACCESS CONTROL
107	1	4' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM	45	3			
108A	1	4' - 0"	7' - 0"	1 3/4"	WD	2/A601	3/A601	4/A601	ALUM		1			
108B	1	4' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM		3			
109A	1	4' - 0"	7' - 0"	1 3/4"	WD	2/A601	3/A601	4/A601	ALUM		1			
109B	1	4' - 0"	7' - 0"	1 3/4"	WD	2/A601	3/A601	4/A601	ALUM		1			
110A	1	4' - 0"	7' - 0"	1 3/4"	WD	2/A601	3/A601	4/A601	ALUM		1			
110B	1	4' - 0"	7' - 0"	1 3/4"	WD	2/A601	3/A601	4/A601	ALUM		1			
111A	1	4' - 0"	7' - 0"	1 3/4"	WD	2/A601	3/A601	4/A601	ALUM		1			
111B	1	4' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM		3			
112	1	4' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM		3			PROVIDE CLOSER
113	1	4' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM		3			PROVIDE CLOSER
114A	1	4' - 0"	7' - 0"	1 3/4"	WD	2/A601	3/A601	4/A601	ALUM		1			
114B	1	4' - 0"	7' - 0"	1 3/4"	WD	2/A601	3/A601	4/A601	ALUM		1			
115A	1	4' - 0"	7' - 0"	1 3/4"	WD	2/A601	3/A601	4/A601	ALUM		1			
115B	1	4' - 0"	7' - 0"	1 3/4"	WD	2/A601	3/A601	4/A601	ALUM		1			
116A	1	4' - 0"	7' - 0"	1 3/4"	WD	2/A601	3/A601	4/A601	ALUM		1			
116B	1	4' - 0"	7' - 0"	1 3/4"	WD	2/A601	3/A601	4/A601	ALUM		1			
118A	1	4' - 0"	7' - 0"	1 3/4"	WD	2/A601	3/A601	4/A601	ALUM		1			
118B	1	4' - 0"	7' - 0"	1 3/4"	WD	2/A601	3/A601	4/A601	ALUM		1			
119	1	4' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM		3			
120A	1	4' - 0"	7' - 0"	1 3/4"	MTL	5/A601	6/A601		HM	45	3			PROVIDE CLOSER
121	1	4' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM		3			
122	2	6' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM	45	2			PROVIDE CLOSERS
123	1	4' - 0"	7' - 0"	1 3/4"	WD	7/A601	8/A601		HM	90	3			
124	1	4' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM		3			
125	1	4' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM		3			
126	1	4' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM		3			
127	1	4' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM	45	3			
128	1	4' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM		3			PROVIDE CARD ACCESS CONTROL
129	1	4' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM		3			
130	1	4' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM		3			PROVIDE CARD ACCESS CONTROL
131	1	4' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM	45	3			
132	1	4' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM		3			
133	1	4' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM		3			
134	1	4' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM		3			
135	1	4' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM		3			
136	1	4' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM		3			PROVIDE CLOSER
137	1	4' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM		3			
138	1	4' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM		3			
139	1	4' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM		3			
140	1	4' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM		3			PROVIDE CARD ACCESS CONTROL
200A	1	8' - 0"	8' - 0"	1 3/4"	STL	8/A202	9/A202	10/A202	STL		5			INSULATED OVERHEAD COILING DOOR W/ REMOVABLE GUARD RAIL
200B	2	4' - 0"	7' - 0"	1 3/4"	WD	5/A601	6/A601		HM		2			
LV-1		4' - 0"	4' - 0"	6"	ALUM	11/A202	12/A202	13/A202	ALUM		6		FIXED LOUVER	REFER TO MECHANICAL LOUVER SCHEDULE

Revisions: | Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

STAMP

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: OPENING SCHEDULES & DETAILED DOOR SECTIONS

Approved:

Phase: FINAL SUBMISSION

FULLY SPRINKLERED

Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH

Location: 1500 E. Woodrow Wilson Dr. Jackson, MS

Issue Date: 2/20/2025

Checked: MGL

Drawn: TAC

Project Number: 586-22-102

Building Number: 1

Drawing Number: A601

VA FORM 08 - 6231

FIRST AND SECOND CHARACTER TOGETHER ARE "TYPE" IN THE PARTITION TYPE DETAILS

NOTE: PARTITION TAGS ARE READ LEFT TO RIGHT.

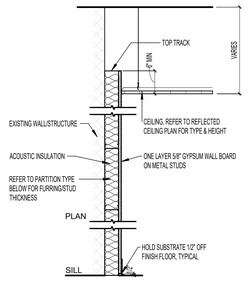
1. THE FIRST CHARACTER IN THE TAG INDICATES WHICH DETAIL TO REFERENCE FOR THE PARTITION CONSTRUCTION.
2. THE SECOND CHARACTER IN THE TAG INDICATES A REFERENCE FOR THE STRUCTURAL MEMBER (METAL STUD OR CMU) THICKNESS.
3. THE THIRD CHARACTER IN THE TAG INDICATES:
   "A" - FOR ACOUSTIC PARTITION CONSTRUCTION
   "R" - FOR FIRE RATED PARTITION CONSTRUCTION
   "S" - FOR SMOKE PARTITION CONSTRUCTION

A2R

1. ALL STUD GAUGES AND LIMITING HEIGHTS IN GYPSUM WALL BOARD REFERENCE SPECIFICATIONS.
2. ALL PARTITIONS CONTAINING PLUMBING OR HAVING AN EXTERIOR FACE TO BE INSULATED.
3. THE FOLLOWING LIST OF ROOMS (IF USED) SHALL HAVE THEIR PERIMETER PARTITIONS INSULATED WITH SOUND ATTENUATION BATTS AS SPECIFIED.
   -TOILET ROOMS/RESTROOMS, TREATMENT ROOMS, WORKROOMS, STUDENT ROOMS, BREAK ROOMS, CONFERENCE ROOMS, PATIENT ROOMS, REHAB ROOMS, OFFICES, EMG ROOMS, WAITING ROOMS, MECHANICAL, ELECTRICAL & STORAGE ROOMS, GYMNASIUMS, YOGA/TAI CHI ROOM & CORRIDOR WALLS
4. ALL RATED PARTITIONS TO EXTEND FROM TOP OF SLAB TO UNDERSIDE OF STRUCTURE. SEAL TOP AND BOTTOM TYPICAL.
5. ALL ACOUSTIC PARTITIONS TO EXTEND FROM TOP OF SLAB TO UNDERSIDE OF SLAB. SEAL TOP AND BOTTOM TYPICAL.
6. REFER TO PLANS FOR LOCATION OF PARTITION TYPES. CS IS THE TYPICAL PARTITION TYPE UNLESS NOTED OTHERWISE. MAINTAIN FIRE RESISTIVE RATINGS AS REQUIRED BY CODE.
7. INSTALL FRAMING AND GYPSUM WALL BOARD TO OFFSET AROUND STRUCTURAL MEMBERS OR OTHER OBSTRUCTIONS TO MAINTAIN FIRE RESISTIVE RATINGS.
8. WHERE GYPSUM WALL BOARD EXTENDS TO THE UNDERSIDE OF STRUCTURE, STOP GYPSUM WALL BOARD 1/2" BELOW LINE OF STRUCTURE AND SEAL AS REQUIRED.
9. FIRE RESISTANT, RATED PARTITIONS TO BE INSTALLED WITH FIRESTOP SEALANT, UNLESS NOTED OTHERWISE.
10. NON-RATED PARTITIONS THAT EXTEND TO UNDERSIDE OF STRUCTURE ARE TO BE INSTALLED WITH ACOUSTICAL SEALANT, UNLESS NOTED OTHERWISE.
11. REFER MECHANICAL DRAWINGS FOR DETAILS ON PIPE PENETRATIONS THROUGH ACOUSTICAL PARTITIONS AS WELL AS RATED PARTITIONS.
12. INSTALL FIRE RETARDANT, TREATED BLOCKING IN PARTITIONS AS REQUIRED TO RECEIVE CASEWORK AND/OR WALL HUNG EQUIPMENT.
13. ALL PARTITIONS SCHEDULED TO RECEIVE TILE OR FRP, SHALL BE CONSTRUCTED OF CEMENT BOARD OR WATER-RESISTANT CORE GYPSUM WALL BOARD.
14. PER MOLD PREVENTION GUIDELINES, DO NOT INSTALL GYPSUM WALL BOARD IN DIRECT CONTACT WITH THE FLOOR. ALL PARTITIONS SHALL BE SHIMMED 1/2" OFF THE FLOOR WITH NON-POROUS SHIMS. PLASTIC NON-POROUS HORSESHOE SHIMS ARE RECOMMENDED. GYPSUM WALL BOARD SHIMS ARE NOT ACCEPTABLE.

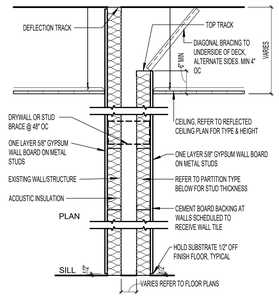
PARTITION TAGS GENERAL

PARTITION TYPE - A

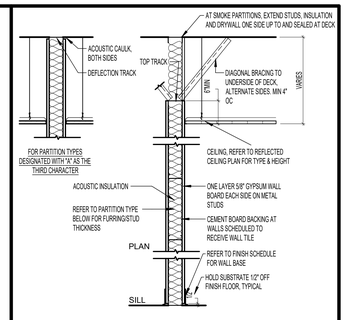


TYPE	STUD SIZE	OVERALL THICK	UL ASSEMBLY	COMMENTS
A0	7/8"	1-1/2"		
A1	1-5/8"	2-1/4"		N/A
A2	2-1/2"	3-1/8"		
A3	3-5/8"	4-1/4"		
A4	4"	4-5/8"		N/A
A6	6"	6-5/8"		N/A
A8	8"	8-5/8"		N/A

PARTITION TYPE - B

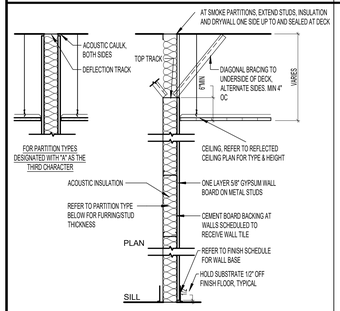


PARTITION TYPE - C



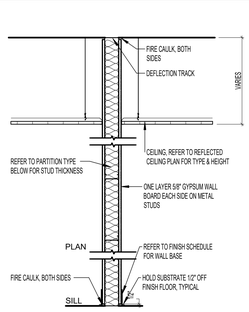
TYPE	STUD SIZE	OVERALL THICK	UL ASSEMBLY	STC
C1	1-5/8"	2-7/8"	N/A	
C2	2-1/2"	3-3/4"	N/A	
C3	3-5/8"	4-7/8"	N/A	
C4	4"	5-1/4"	N/A	
C6	6"	7-1/4"	N/A	
C8	8"	9-1/4"	N/A	

PARTITION TYPE - D



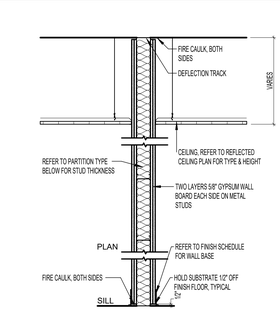
TYPE	STUD SIZE	OVERALL THICK	UL ASSEMBLY	STC
D1	1-5/8"	2-7/8"	N/A	
D2	2-1/2"	3-3/4"	N/A	
D3	3-5/8"	4-7/8"	N/A	
D4	4"	5-1/4"	N/A	
D6	6"	7-1/4"	N/A	
D8	8"	9-1/4"	N/A	

PARTITION TYPE - E



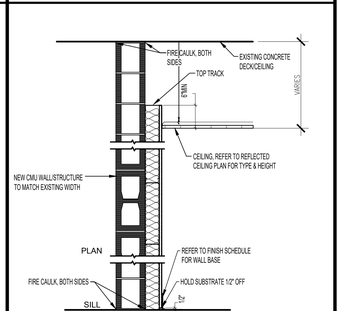
TYPE	STUD SIZE	OVERALL THICK	UL ASSEMBLY	STC
E0	7/8"	2-1/8"	U419	
E1	1-5/8"	2-7/8"	U419	
E2	2-1/2"	3-3/4"	U419	
E3	3-5/8"	4-7/8"	U419	
E4	4"	5-1/4"	U419	
E6	6"	7-1/4"	U419	
E8	8"	9-1/4"	U419	

PARTITION TYPE - F



TYPE	STUD SIZE	OVERALL THICK	UL ASSEMBLY	STC
F1	1-5/8"	4-1/8"	U419	
F2	2-1/2"	5"	U419	
F3	3-5/8"	6-1/8"	U419	
F4	4"	6-1/2"	U419	
F6	6"	8-1/2"	U419	
F8	8"	10-1/2"	U419	

PARTITION TYPE - G



TYPE	CMU SIZE	STUD SIZE	OVERALL THICK	UL ASSEMBLY	STC
G0	7-5/8"	7/8"	9-1/8"	U-905	
G2	7-5/8"	2-1/2"	10 3/4"	U-905	
G3	7-5/8"	3-5/8"	11-7/8"	U-905	

1 Partition Types
3/4" = 1'-0"

ABBREVIATIONS

AL	Aluminum
AT	Acoustical Ceiling (Tile)
C	Concrete
CMU	Concrete Masonry Units
CFCI	Contractor Furnished, Contractor Installed
CT	Ceramic Tile
EFTR	Existing Finish to Remain
EX	Existing
EXP	Exposed
GL	Glass (Glazing)
GWB	Gypsum Wallboard Systems
HM	Hollow Metal
LTV	Luxury Vinyl Tile
MW	Millwork Vinyl Base
P	Paint
PRB	Profile Base
PT	Porcelain Tile (Floor and Base)
RAF	Resilient Athletic Flooring
RB	Resilient Base
RES	Resinous Flooring
RF	Rubber Flooring
RSF	Resilient Sheet Flooring
RWC	Rigid Vinyl Wall Covering
SAB	Sound Attenuation Blankets (Acoustical Batt Insulation)
VFCI	VA Furnished, Contractor Installed
VFVI	VA Furnished, VA Installed
WD	Wood

ROOM FINISHES

ROOM No	SPACE NAME	FLOOR	BASE	WALL	WAINSCOT	CEILING	CEILING HEIGHT	REMARKS
100	WAITING	LVT	MW	P		AT	9'-0"	
101	LACTATION	LVT	MW	P		AT	9'-0"	PROVIDE EMERGENCY CALL
102	CORRIDOR A	LVT	MW	P	RWC	AT	9'-0"	
103	STORAGE 2	LVT	RB	P		AT	8'-0"	
104	HALL 2	LVT	RB	P		AT	9'-0"	
105	PACT TEAM AREA	LVT	RB	P		AT	9'-0"	
106	HALL 1	LVT	RB	P		AT	9'-0"	
107	STORAGE 1	LVT	RB	P		AT	8'-0"	
108	MPE 6	LVT	RB	P		AT	8'-0"	
109	MPE 5	LVT	RB	P		AT	8'-0"	
110	MPE 4	LVT	RB	P		AT	8'-0"	
111	MPE 3	LVT	RB	P		AT	8'-0"	
112	P. TOILET 2	PT	PT	P	PT	AT	8'-0"	PROVIDE EMERGENCY CALL
113	P. TOILET 1	PT	PT	P	PT	AT	8'-0"	PROVIDE EMERGENCY CALL
114	MPE 2	LVT	RB	P		AT	8'-0"	
115	MPE 1	LVT	RB	P		AT	8'-0"	
116	RECEPTION	LVT	RB	P		AT	9'-0"	
117	NOT USED							
118	GPR	LVT	RB	P		AT	8'-0"	
119	TOILET	PT	PT	P	PT	AT	8'-0"	PROVIDE EMERGENCY CALL
120	CORRIDOR B	LVT	MW	P	RWC	AT	9'-0"	
121	NURSE	LVT	RB	P		AT	8'-0"	
122	STORAGE 3	LVT	RB	P		AT	8'-0"	
123	MECHANICAL	LVT	RB	P		EXP	+/- 13'-0"	
124	SUR	LVT	RB	P		AT	8'-0"	
125	CUR	LVT	RB	P		AT	8'-0"	
126	CHIEF	LVT	RB	P		AT	8'-0"	
127	STORAGE 4	LVT	RB	P		AT	8'-0"	
128	MEDICATION	LVT	RB	P		AT	8'-0"	
129	DIETICIAN	LVT	RB	P		AT	8'-0"	
130	PHARM	LVT	RB	P		AT	8'-0"	
131	STORAGE 5	LVT	RB	P		AT	8'-0"	
132	BREAK ROOM	LVT	RB	P		AT	9'-0"	
133	GYNO	LVT	RB	P		AT	8'-0"	
134	SUPPLY	LVT	RB	P		AT	8'-0"	
135	HAC	LVT	RB	P		AT	8'-0"	
136	STAFF TOILET	PT	PT	P	PT	AT	8'-0"	PROVIDE EMERGENCY CALL
137	NURSE	LVT	RB	P		AT	8'-0"	
138	MHO	LVT	RB	P		AT	8'-0"	
139	SWO	LVT	RB	P		AT	8'-0"	
140	EHRM	LVT	RB	P		AT	8'-0"	
200	MECHANICAL PENTHOUSE	CONC.	-	P		N/A	+/- 13'-7"	PROVIDE EPOXY FLOOR COATING

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

STAMP

MICHAEL G. LACHIN Est. No. 3477 STATE OF LOUISIANA REGISTERED ARCHITECT

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ROOM FINISH SCHEDULE & PARTITION TYPES

Approved:

Phase: FINAL SUBMISSION

FULLY SPRINKLERED

Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH

Location: 1500 E. Woodrow Wilson Dr. Jackson, MS

Issue Date: 2/20/2025 | Checked: MGL | Drawn: TAC

Project Number: 586-22-102

Building Number: 1

Drawing Number: A602

VA FORM 08 - 6231

STRUCTURAL GENERAL NOTES

GENERAL NOTES:

1. CONTRACT DOCUMENTS

   A. THESE NOTES ARE NOT INTENDED TO REPLACE THE PROJECT SPECIFICATIONS.

   B. THE STRUCTURAL DRAWINGS ARE PART OF THE CONTRACT DOCUMENTS AND DO NOT BY THEMSELVES PROVIDE ALL THE INFORMATION REQUIRED TO PROPERLY COMPLETE THE PROJECT STRUCTURE. THE GENERAL CONTRACTOR SHALL CONSULT THE ARCHITECTURAL, CIVIL, MECHANICAL AND ELECTRICAL DRAWINGS AND COORDINATE THE INFORMATION CONTAINED IN THESE DRAWINGS WITH THE STRUCTURAL DRAWINGS TO PROPERLY CONSTRUCT THE PROJECT.

   C. REFER TO ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL OPENINGS, DEPRESSIONS, FINISHES, INSERT BOLTS SETTINGS, DRAINS, REGLETS, ETC. NOT SHOWN ON THE STRUCTURAL DRAWINGS.

   D. BEFORE ORDERING ANY MATERIALS OR PERFORMING ANY WORK, THE CONTRACTOR SHALL VERIFY ALL MEASUREMENTS TO PROPERLY SIZE OR FIT THE WORK. NO EXTRA CHARGE OR COMPENSATION WILL BE ALLOWED BY THE OWNER RESULTING FROM THE CONTRACTOR'S FAILURE TO COMPLY WITH THIS REQUIREMENT.

   E. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER BEFORE PROCEEDING WITH AFFECTED WORK.

   F. THE ENGINEER HAS PREPARED AND FURNISHED THESE CONTRACT DOCUMENTS TO THE OWNER FOR USE ON THIS PROJECT ONLY. THESE PROJECT DOCUMENTS SHALL NOT BE USED ON EXTENSIONS OF THIS PROJECT OR ANY OTHER PROJECT. ANY REUSE OF THESE DRAWINGS, WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY THE ENGINEER, SHALL BE AT THE USER'S SOLE RISK AND THE USER SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING THEREFROM.

2. SECTIONS AND DETAILS - ALL DETAILS, SECTIONS AND NOTES SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE UNLESS OTHERWISE SHOWN.

3. COORDINATION

   A. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS SHOWN WITH ARCHITECTURAL DRAWINGS BEFORE BEGINNING WORK. ANY DISCREPANCY SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT AND WORK SHALL NOT BEGIN UNTIL DISCREPANCY IS RESOLVED.

   B. THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR ANY DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS.

   C. IT IS EXPECTED THAT THE GENERAL CONTRACTOR IS EXPERIENCED IN THE TYPE OF CONSTRUCTION REQUIRED AND THEREFORE, IT IS EXPECTED THAT THE GENERAL CONTRACTOR WILL COORDINATE THESE DRAWINGS WITH APPLICABLE ARCHITECTURAL, CIVIL, AND M/E/P DRAWINGS. THE CONSTRUCTION DOCUMENTS CONSIST OF THE ENTIRE SET OF DRAWINGS AND SPECIFICATIONS FROM ALL DISCIPLINES. THE ABOVE REFERENCED COORDINATION SHALL BE PERFORMED PRIOR TO ORDERING, FABRICATION, AND CONSTRUCTION OF ANY ELEMENT. NOTIFY THE ARCHITECT OF ANY CONFLICT OR OMISSION. WORK SHALL NOT BEGIN UNTIL DISCREPANCY IS RESOLVED.

4. ELECTRONIC DRAWINGS INDEMNIFICATION

   A. ELECTRONIC DRAWINGS MAY BE PROVIDED TO THE CONTRACTOR AS A COURTESY TO ASSIST THE CONTRACTOR IN THE WORK AND ARE NOT CONSIDERED PART OF THE CONTRACT DOCUMENTS. IF PROVIDED, THE CONTRACTOR AGREES TO USE THE ELECTRONIC FILES AT HIS OWN RISK.

   B. ELECTRONIC FILES ARE INTENDED FOR ONE-TIME USE IN THE WORK OF THIS PROJECT. THEY ARE AND SHALL REMAIN THE PROPERTY OF THE ENGINEER.

   C. THE CONTRACTOR AGREES, TO THE FULLEST EXTENT OF THE LAW, TO INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM AND AGAINST ALL CLAIMS, LIABILITIES, LOSSES, DAMAGES, AND COSTS, INCLUDING BUT NOT LIMITED TO REASONABLE ATTORNEY FEES, ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE USE, MODIFICATION, MISINTERPRETATION, MISUSE OR REUSE OF ANY ELECTRONIC DRAWINGS PROVIDED BY THE ENGINEER UNDER THIS CONTRACT.

DESIGN CRITERIA:

1. GENERAL BUILDING CODE: INTERNATIONAL BUILDING CODE, 2018 EDITION

   A. OTHER CODES AND STANDARDS REFERENCED IN THE IBC '18 AND IN THE STRUCTURAL DRAWINGS SHALL BE CONSIDERED PART OF THE REQUIREMENTS OF THE CONTRACT DOCUMENTS TO THE PRESCRIBED EXTENT OF EACH REFERENCE.

2. DEAD LOADS:

   A. SELF WEIGHT OF STRUCTURE
   B. HANGING M/E/P — 10 PSF

3. LIVE LOADS:

   A. ROOF: — 20 PSF
   B. FLOOR:
      a. STORAGE / MECHANICAL ROOMS — 125 PSF

4. GROUND SNOW LOAD: — 5 PSF

5. WIND DESIGN:

   A. 3-SECOND GUST WIND SPEED — 122 MPH
   B. OCCUPANCY CATEGORY — IV
   C. EXPOSURE CATEGORY — C
   D. INTERNAL PRESSURE COEFFICIENT — ±0.18

6. EARTHQUAKE DESIGN:

   A. IMPORTANCE FACTOR — 1.5
   B. MAPPED SPECTRAL ACCEL. - SHORT PERIOD, S_s — 0.141
   C. MAPPED SPECTRAL ACCEL. - 1 SEC. PERIOD, S_1 — 0.083
   D. SITE CLASS — D
   E. DESIGN SPECTRAL ACCEL. - SHORT PERIOD, S_{ds} — 0.150
   F. DESIGN SPECTRAL ACCEL. - 1 SEC. PERIOD, S_{d1} — 0.133
   G. SEISMIC DESIGN CATEGORY — D

7. THE GENERAL CONTRACTOR SHALL SUBMIT ACTUAL WEIGHTS OF MECHANICAL EQUIPMENT TO BE USED IN THE PROJECT TO THE STRUCTURAL ENGINEER FOR VERIFICATION OF LOADS USED IN THE DESIGN AT LEAST THREE WEEKS PRIOR TO FABRICATION AND CONSTRUCTION OF THE SUPPORTING STRUCTURE.

EXISTING CONDITIONS:

1. ALL DIMENSIONS, ELEVATIONS AND EXISTING CONDITIONS SHALL BE FIELD VERIFIED BY CONTRACTOR PRIOR TO FABRICATION OF STEEL OR COMMENCEMENT OF CONSTRUCTION.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION, SHORING, UNDERPINNING, BRACING, ISOLATION, ETC. OF ALL EXISTING CONDITIONS AS REQUIRED TO PREVENT ANY DISTURBANCE TO EXISTING CONDITIONS AS A RESULT OF THIS WORK.

CONCRETE:

1. ALL CONCRETE WORK SHALL CONFORM TO THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI318-14) AND AS MODIFIED BY IBC '18.

2. ALL CONCRETE SHALL ATTAIN THE FOLLOWING MINIMUM COMPRESSIVE STRENGTH OF 4,000PSI IN 28 DAYS:

3. PROVIDE ALL NECESSARY REINFORCING STEEL ACCESSORIES TO HOLD BARS IN PROPER POSITION.

4. WHERE NOT SPECIFICALLY COVERED, REINFORCING SHALL BE DETAILED IN ACCORDANCE WITH ACI STANDARD 315.

5. REINFORCING SHALL CONFORM TO ASTM A-615 AND SHALL BE GRADE 60.

6. PROVIDE CORNER BARS OF THE SAME SIZE AND NUMBER AS HORIZONTAL BARS AT ALL CORNERS AND T-INTERSECTIONS.

7. UNLESS NOTED OTHERWISE, LAP ALL BARS AT CORNERS, SPLICES, AND INTERSECTIONS IN ACCORDANCE WITH CURRENT ACI 318 AND CRSI REQUIREMENTS. ALL HOOKS SHOWN IN REINFORCEMENT SHALL BE CRSI RECOMMENDED HOOKS UNLESS NOTED OTHERWISE.

8. FIELD WELDING OF REINFORCEMENT IS PROHIBITED.

9. SUBMIT REINFORCING SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION.

10. CONCRETE REINFORCING LAP LENGTHS SHALL BE AS FOLLOWS:

BAR SIZE	TOP	OTHER
#3	2'-0"	1'-7"
#4	2'-8"	2'-1"
#5	3'-4"	2'-7"
#6	4'-0"	3'-1"
#7	5'-10"	4'-6"
#8	6'-8"	5'-2"

STRUCTURAL STEEL:

1. ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST AISC CODE.

2. ALL SHOP AND FIELD WELDING SHALL BE PERFORMED BY WELDERS QUALIFIED, AS DESCRIBED IN "AMERICAN WELDING SOCIETY'S STANDARD QUALIFICATION PROCEDURE" (AWS D1.1), TO PERFORM THE TYPE OF WORK REQUIRED.

3. ALL WELDING RODS SHALL BE E70XX ELECTRODES.

4. ALL CONNECTIONS SHALL BE BOLTED WITH A325 HIGH STRENGTH BOLTS OR WELDED (UNLESS SHOWN OTHERWISE ON THE DRAWINGS).

5. ALL WIDE FLANGE AND WT SHAPES SHALL BE ASTM A992.

6. ALL HSS SHAPES SHALL BE ASTM A500, GRADE B (F_y = 46 KSI).

7. ALL THREADED RODS SHALL BE ASTM A193 GRADE B.

8. ALL PIPE SHALL BE ASTM A53 GRADE B OR A501.

9. STEEL CHANNELS, PLATES & ANGLES SHALL BE ASTM A36 OR BETTER.

10. CONNECTIONS NOT SPECIFICALLY DETAILED SHALL BE OF SUFFICIENT CAPACITY TO FULLY DEVELOP THE CONNECTED MEMBERS.

11. HEADED STUDS SHALL BE OF THE DIAMETER AND LENGTH SHOWN ON THE DRAWINGS AND SHALL CONFORM TO THE REQUIREMENTS OF AWS D1.1 FOR TYPE B STUDS.

METAL DECK:

1. STEEL ROOF DECK SHALL BE:

   1 1/2", 22 GA, TYPE "B" ROOF DECK, F_y = 33 KSI, GALVANIZED (G90), THREE-SPAN MINIMUM. MANUFACTURER SHALL BE A MEMBER OF THE STEEL DECK INSTITUTE. ROOF DECK SHALL COMPLY WITH STEEL DECK INSTITUTE STANDARDS.

2. SEE DIAPHRAGM FASTENING SCHEDULE FOR FASTENER SPACING REQUIREMENTS. WHERE WELDS ARE REQUIRED FOR DIAPHRAGM FASTENING, WELD WASHERS SHALL BE USED.

DIAPHRAGM FASTENING SCHEDULE

MARK	DECK TYPE	CONNECTIONS	
		@ SUPPORTS	@ SIDELAPS
ROOF	1.5B, 22 GA, ROOF DECK	5/8" PUDDLE WELDS, 36/7 PATTERN	#10 TEK SCREWS @ 12" O.C.

NOTE: SUBSTITUTE #10 TEK SCREWS FOR PUDDLE WELDS WHERE ATTACHMENT IS TO COLD-FORMED STEEL FRAMING.

COLD-FORMED STRUCTURAL FRAMING:

1. THE STRUCTURAL FRAMING AND ITS INSTALLATION SHALL BE IN ACCORDANCE WITH THE AMERICAN IRON AND STEEL INSTITUTE (AISI) "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STRUCTURAL MEMBERS", LATEST EDITION.

2. THE COLD-FORMED STRUCTURAL FRAMING AND ACCESSORIES SHALL BE MANUFACTURED FROM STRUCTURAL QUALITY STEEL HAVING MINIMUM YIELD STRENGTH OF 33 KSI AND HAVE MINIMUM PROTECTIVE COATING EQUAL TO G90 GALVANIZED FINISH.

3. STRUCTURAL FRAMING MEMBERS SHALL CONFORM TO ASTM C995, HAVE ENGINEERING PROPERTIES CALCULATED IN CONFORMANCE WITH THE AISI "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS"AND HAVE MINIMUM PROPERTIES AS PUBLISHED BY CLARK STEEL FRAMING.

4. STRUCTURAL FRAMING MEMBERS SHALL BE PROPERLY SPACED, PLUMBED, LEVELED, SQUARED, FIT PROPERLY AGAINST ABUTTING MEMBERS AND HELD SECURELY IN PLACE UNTIL PERMANENTLY FASTENED. WIRE TYING OF STRUCTURAL FRAMING MEMBERS IS NOT PERMITTED.

5. FASTENING OF STRUCTURAL FRAMING MEMBERS SHALL BE ACCOMPLISHED BY SCREWS, POWDER ACTUATED FASTENERS, WELDING, OR A COMBINATION OF METHODS. THE TYPE, SIZE AND SPACING OF THE FASTENERS SHALL BE AS REQUIRED BY THE CONTRACT DOCUMENTS OR APPROVED CONNECTION DETAILS.

6. STRUCTURAL FRAMING MEMBERS HAVING PROTECTIVE COATING REMOVED BY WELDING SHALL HAVE THE COATING REPAIRED, AT THE WELDS, BY PAINTING WITH A ZINC RICH PRIMER.

7. COLD-FORMED FRAMING MEMBERS SHALL HAVE ENDS SQUARELY CUT BY SHEARING OR SAWING, BE INSTALLED PLUMB, SQUARE, TRUE TO LINE AND SECURELY FASTENED PER THE CONTRACT DOCUMENTS OR APPROVED CONNECTION DETAILS.

8. COLD-FORMED MEMBERS, WHEN SET TO ADJACENT STRUCTURES, SHALL HAVE WEB CONTACT WITH A UNIFORM AND LEVEL BEARING SURFACE AND BE SECURELY ANCHORED WITH FASTENERS, SIZED AND SPACED PER THE CONTRACT DOCUMENTS OR APPROVED CONNECTION DETAILS.

9. STRUCTURAL MEMBERS ARE NOT PERMITTED TO HAVE SPLICES OR CUTOUTS IN THE FLANGES.

10. TEMPORARY BRACING OF FRAMING SHALL BE PROVIDED AS REQUIRED AND REMOVED ONLY AFTER THE FRAMING HAS BEEN SECURED WITH PERMANENT SUPPORT.

11. ALL FRAMING TO STRUCTURAL STEEL CONNECTIONS SHALL BE MADE WITH A MINIMUM OF 2 – 1/4" TEKS/5 FASTENERS. COLD-FORMED FRAMING CONNECTIONS SHALL BE MADE WITH #12 TEKS/3 FASTENERS.

SHEET LIST

SHEET	DESCRIPTION
S100	STRUCTURAL GENERAL NOTES
S101	FLOOR AND ROOF PLANS
S102	DETAILS
S103	DETAILS

100% SUBMISSION	1-8-2025
75% Review	12-5-2024
Revision 1 - 50% Resubdivision	10-23-2024
Revisions:	Date:

CONSULTANT

Consultant:

SMITHERS ENGINEERS + CONSULTANTS

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

STAMP

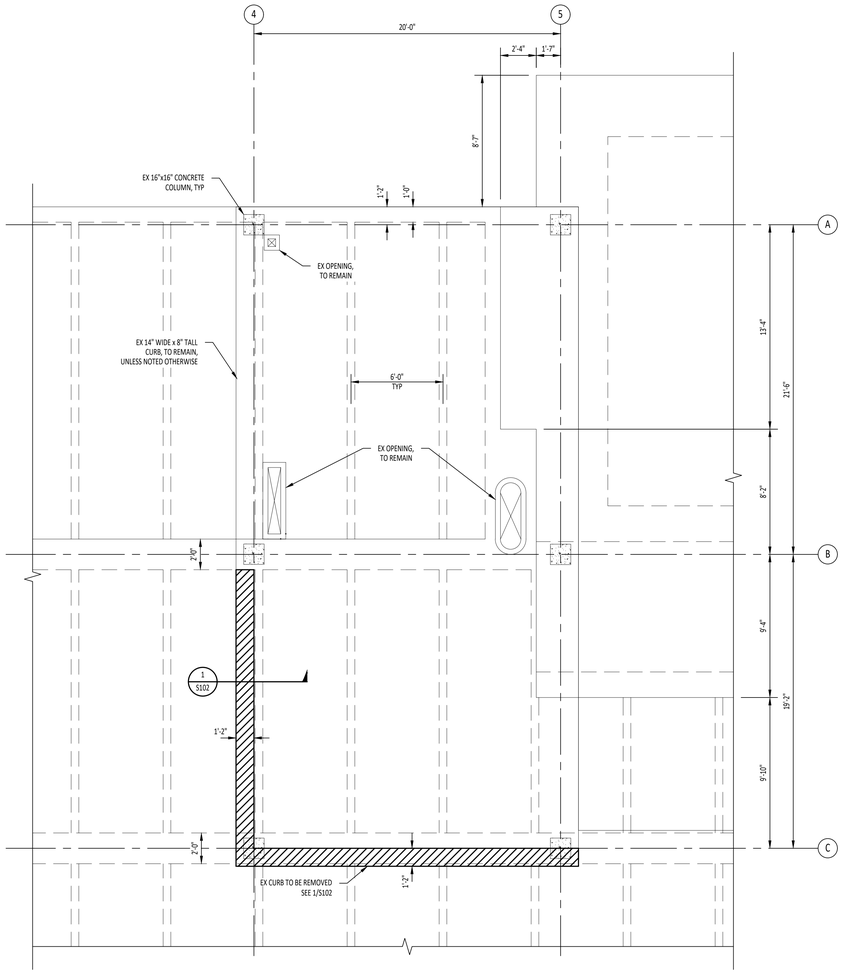
CHARLES SMITHERS 19119 2/20/25 STATE OF MISSISSIPPI REGISTERED

Office of Construction and Facilities Management

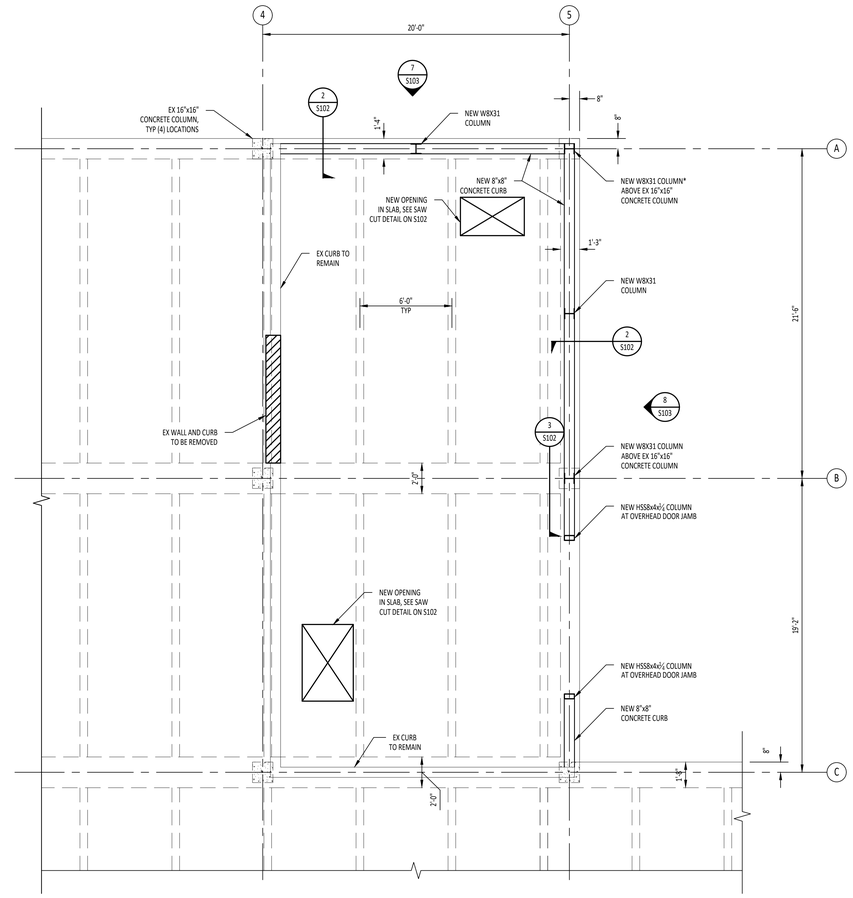
VA | U.S. Department of Veterans Affairs

Drawing Title: STRUCTURAL GENERAL NOTES	Phase: FINAL SUBMISSION	Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH	Project Number: 586-22-102
			Building Number: 1
Approved:	FULLY SPRINKLERED	Location: 1500 E. Woodrow Wilson Dr. Jackson, MS	Drawing Number: S100
		Issue Date: 2/20/2025 / Checked: MGL / Drawn: TAC	

VA FORM 08 - 6231



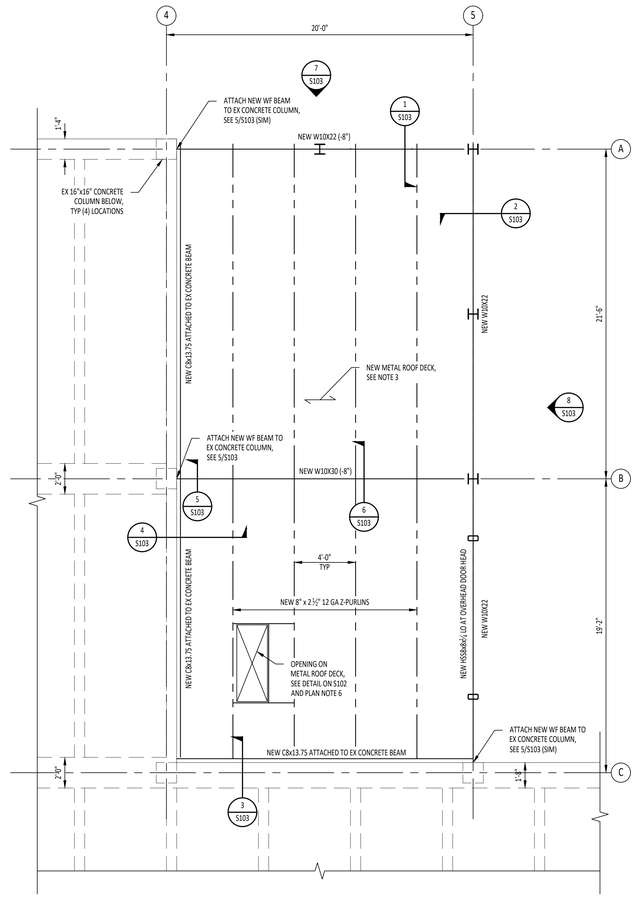
FIRST FLOOR FRAMING PLAN
SCALE: 1/4"=1'-0"



PLAN NOTES:

1. PRIOR TO SAWCUTTING SLAB FOR NEW OPENINGS, GC TO VERIFY NEW OPENINGS DO NOT INTERFERE WITH CONCRETE BEAMS/JOISTS BELOW
2. GC TO VERIFY LOCATION OF EX OPENINGS IN WALL

ROOF/ SECOND FLOOR FRAMING PLAN
SCALE: 1/4"=1'-0"



PLAN NOTES:

1. GC SHALL COORDINATE WITH ARCH/MECH/ELEC DOCUMENTS.
2. "⟋⟍" INDICATES SPAN DIRECTION OF METAL DECK.
3. METAL ROOF DECK SHALL BE 1½" TYPE "B" ROOF DECK (22 GA) BY VULCRAFT (OR EQUIV) W/ MIN 3-SPAN CONDITION.
4. SEE S100 FOR DIAPHRAGM FASTENING SCHEDULE.
5. TYPICAL T.O. STEEL = 388' 1½", U.N.O. (-X") INDICATES T.O. STEEL ELEVATION RELATIVE TO TYPICAL T.O. STEEL.
6. COORDINATE LOCATION OF ROOF OPENINGS WITH MECH/ARCH TO NOT INTERFERE WITH Z-PURLIN JOISTS

PENTHOUSE ROOF FRAMING PLAN
SCALE: 1/4"=1'-0"

100% SUBMISSION	1-8-2025
75% Review	12-5-2024
Revision 1 - 50% Resubdivision	10-23-2024
Revisions:	Date:

CONSULTANT

Consultant:

SMITHERS ENGINEERS + CONSULTANTS

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

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CHARLES E. SMITHERS 19119 2/20/25 STATE OF MISSISSIPPI REGISTERED

Office of Construction and Facilities Management

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Drawing Title: FLOOR PLAN - 1ST & 2ND	Phase: FINAL SUBMISSION	Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH	Project Number: 586-22-102
			Building Number: 1
Approved:	FULLY SPRINKLERED	Location: 1500 E. Woodrow Wilson Dr. Jackson, MS	Drawing Number: S101
		Issue Date: 2/20/2025 / Checked: MGL / Drawn: TAC	

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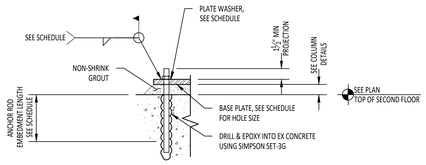
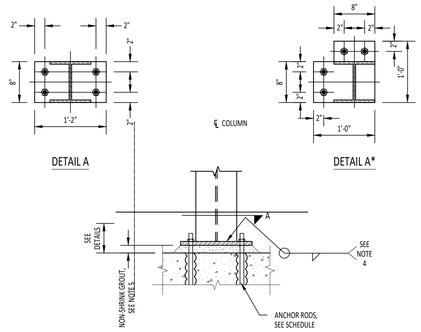


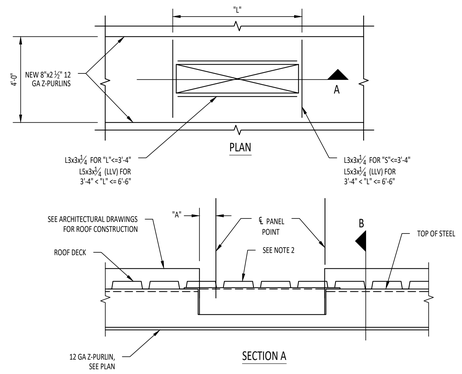
ANCHOR ROD SCHEDULE					
ANCHOR ROD SIZE	MATERIAL GRADE (ASTM F1554)	EMBEDDED LENGTH OF ANCHOR ROD	MAX DIAMETER OF HOLE IN BASE PLATE	TYPICAL PLATE WASHER SIZE AND GRADE	WELD SIZE
¾" Ø	GR. 36	0'-6"	1 5/16" Ø	A36 ¾" x 2" Ø	N/A

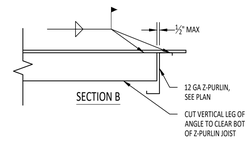
NOTES:
1. UNLESS NOTED OTHERWISE, ALL RODS SHALL BE TIGHTENED TO A "SNUG-TIGHT" CONDITION (AS DEFINED BY AISC SPECIFICATION) AFTER THE CONCRETE IS AT LEAST 14 DAYS OLD.
2. THE HOLE IN THE PLATE WASHER SHALL BE 5/16" LARGER THAN THE ROD DIAMETER.
3. SQUARE PLATE WASHERS MAY BE USED AT CONTRACTOR'S OPTION. ENSURE ADEQUATE CLEARANCE AT CORNERS OF SQUARE WASHERS.

TYP / S102 ANCHOR ROD SCHEDULE
SCALE: 1"=1'-0"



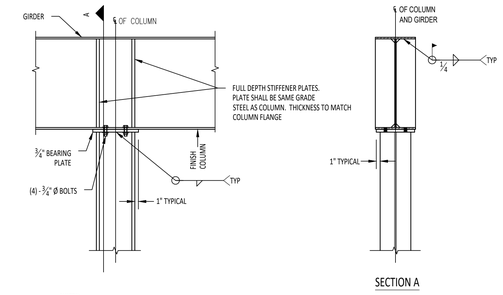
NOTE:
1. USE OVERSIZED HOLES FOR ANCHOR RODS ACCORDING TO AISC.
2. PLATE WASHERS SHALL BE INSTALLED OVER OVERSIZED HOLES.
3. CONTRACTOR SHALL PROVIDED 3/8" THICK TEMPLATE FOR ANCHOR ROD INSTALLATION.
4. MINIMUM FILLET WELD ACCORDING TO AISC UNO.
5. MINIMUM GROUT THICKNESS IS 1" UNLESS NOTED OTHERWISE ON PLANS OR DETAILS.
6. DETAIL A* APPLIES AT CORNER COLUMN LABELED WITH AN ASTERISK (*) ON PLAN





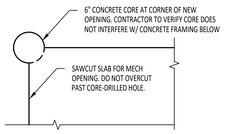
NOTES:
1. REFER TO ENGINEER FOR OPENINGS LARGER THAN 6'-6".
2. THE OPENINGS IN THE METAL DECK ARE NOT TO BE CUT AND REMOVED UNTIL THE OPENING IS NEEDED.

ROOF OPENING - Z-PURLING STEEL JOIST CONSTRUCTION (ROOF DECK)
TYP / S102 SCALE: 1"=1'-0"

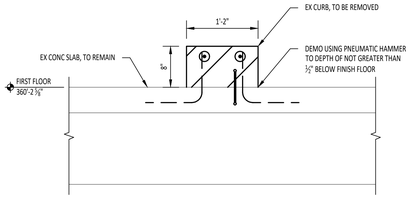


NOTES:
1. ALL WELDS SHALL BE IN ACCORDANCE TO AISC LRFD SPECIFICATIONS (MIN ¾")
2. THE MINIMUM AREA OF THE ADDED PLATES SHALL BE EQUAL TO THE OVERHANG PORTION OF THE COLUMN FLANGE AND SHALL FIT WITHIN WIDTH OF BEAM FLANGE.
3. ADJACENT BEAM FRAMING INTO COLUMN & CONNX NOT SHOWN FOR CLARITY.
4. METAL DECK & EDGE ANGLES NOT SHOWN FOR CLARITY.

TYP CONNECTION AT ROOF INTERIOR COLUMN
TYP / S102 SCALE: 3/4"=1'-0"



TYP / S102 SAW CUT DETAIL
SCALE: 1"=1'-0"



1 / S102 SECTION AT CURB - DEMO
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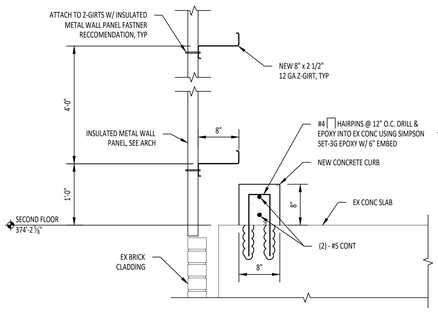

2 / S102 SECTION
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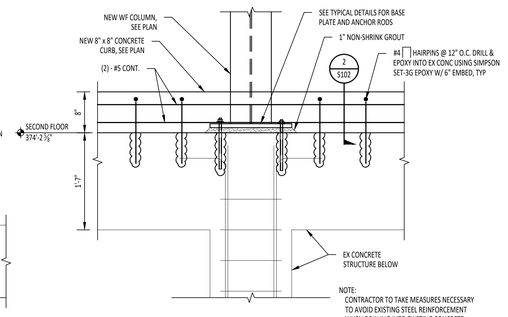


NOTE:
CONTRACTOR TO TAKE MEASURES NECESSARY TO AVOID EXISTING STEEL REINFORCEMENT WHEN DRILLING INTO EXISTING CONCRETE STRUCTURE FOR REINF AND ANCHOR RODS.

3 / S102 SECTION
SCALE: 1"=1'-0"

100% SUBMISSION	1-8-2025
75% Review	12-5-2024
Revision 1 - 50% Resubdivision	10-23-2024
Revisions:	Date:

CONSULTANT
Consultant:
SMITHERS ENGINEERS + CONSULTANTS

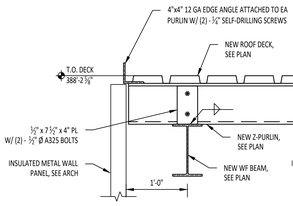
ARCHITECT/ENGINEER OF RECORD
A/E:
LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

STAMP
CHARLES M. SMITHERS 19119 STATE OF MISSISSIPPI 2/20/25

Office of Construction and Facilities Management
VA | U.S. Department of Veterans Affairs

Drawing Title	DETAILS
Approved:	
Phase	FINAL SUBMISSION
	FULLY SPRINKLERED
Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location	1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date	2/20/2025
Checked	MGL
Drawn	TAC
Project Number	586-22-102
Building Number	1
Drawing Number	S102

VA FORM 08 - 6231



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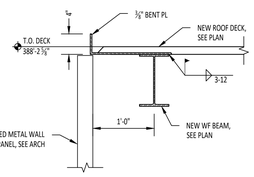

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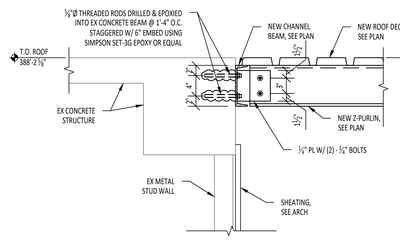

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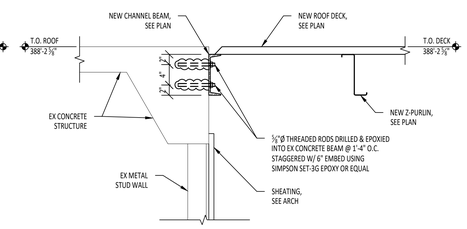

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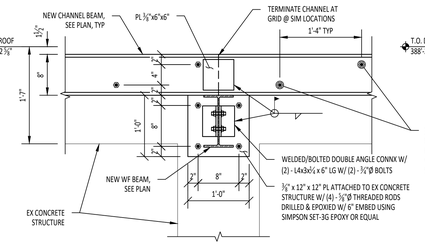

5 S103 SECTION
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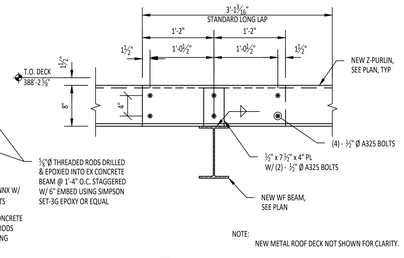

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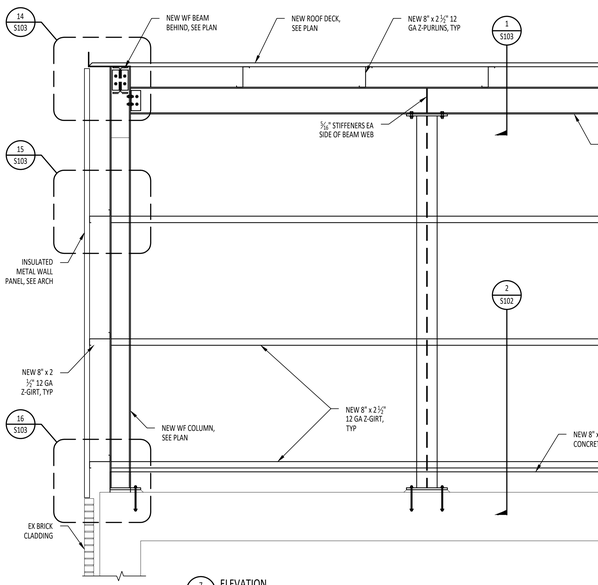
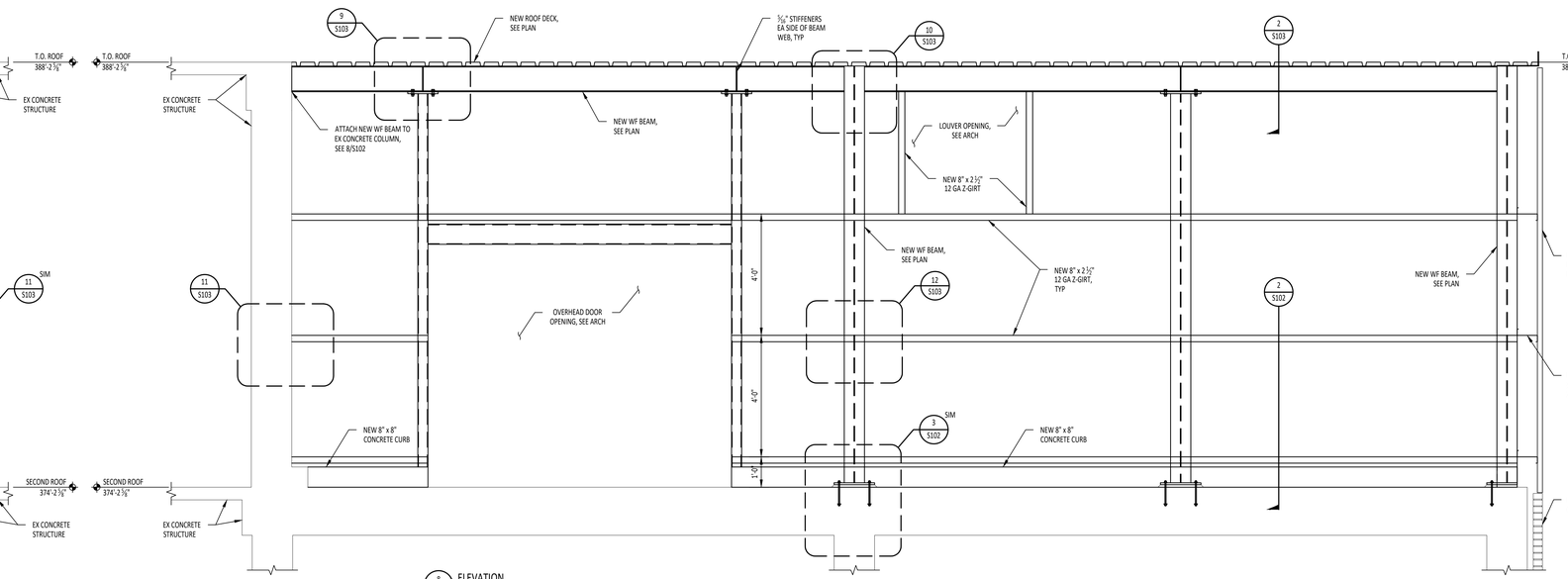
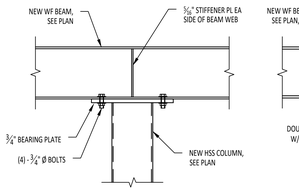


7 S103 ELEVATION
SCALE: 1/2"=1'-0"

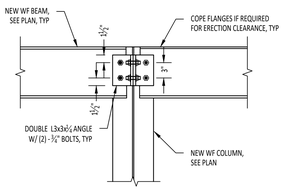


8 S103 ELEVATION
SCALE: 1/2"=1'-0"



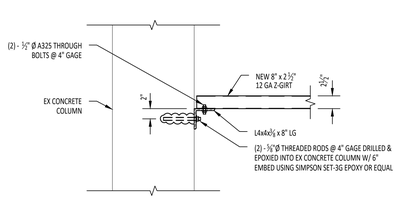
NOTE:
NEW METAL ROOF DECK AND SECONDARY FRAMING NOT SHOWN FOR CLARITY.

9 S103 DETAIL
SCALE: 1"=1'-0"



NOTE:
1. PROVIDE ERECTION SEAT ANGLES AS REQUIRED.
2. NEW METAL ROOF AND SECONDARY FRAMING NOT SHOWN FOR CLARITY.

10 S103 DETAIL
SCALE: 1"=1'-0"



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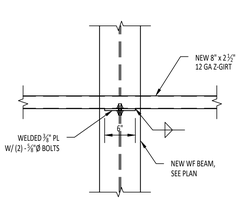
SCALE: 1"=1'-0"



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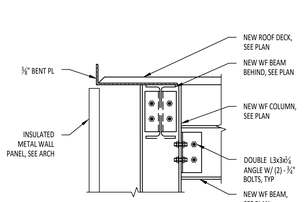
SCALE: 1"=1'-0"



14 S103 DETAIL
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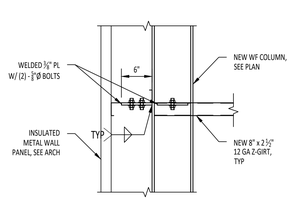
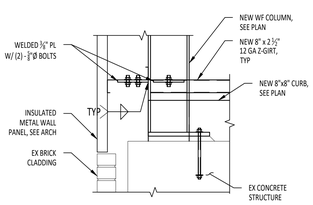


15 S103 DETAIL
SCALE: 1"=1'-0"



16 S103 DETAIL
SCALE: 1"=1'-0"

100% SUBMISSION	**1-8-2025**
75% Review	**12-5-2024**
Revision 1 - 50% Resubdivision	**10-23-2024**
Revisions:	**Date:**

CONSULTANT

Consultant:

SMITHERS ENGINEERS + CONSULTANTS

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

STAMP

CHARLES M. SMITHERS — 19119 — 2/20/25 — STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title DETAILS	**Phase** FINAL SUBMISSION
Approved:	FULLY SPRINKLERED

Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
Project Number	586-22-102
Building Number	1
Location	1500 E. Woodrow Wilson Dr. Jackson, MS
Drawing Number	S103
Issue Date	2/20/2025
Checked	MGL
Drawn	TAC

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MECHANICAL SYMBOLS & ABBREVIATIONS

ABBREVIATIONS

AD	ACCESS DOOR	EWT	ENTERING WATER TEMPERATURE	OPNG	OPENING
AHU	AIR HANDLING UNIT	EUH	ELECTRIC UNIT HEATER	P	PRESSURE
AI	ANALOG INPUT	EXH	EXHAUST	PAT	PREHEAT AIR TEMP
AO	ANALOG OUTPUT	FCU	FAN COIL UNIT	PSI	POUNDS PER SQUARE INCH
AFF	ABOVE FINISH FLOOR	FD	FIRE DAMPER	PTU	PACKAGED TERMINAL UNIT
AFG	ABOVE FINISH GRADE	F/SD	FIRE/SMOKE DAMPER	QTY	QUANTITY
AFMD	AIR FLOW MEASURING DEVICE	FPM	FEET PER MINUTE	RAD	RETURN AIR DAMPER
ARCH	ARCHITECTURAL	FSTAT	FREEZESTAT	REQ'D	REQUIRED
BD	BACKDRAFT DAMPER	GPM	GALLONS PER MINUTE	R/A	RETURN AIR
BI	BINARY INPUT	GUH	GAS UNIT HEATER	RAT	RETURN AIR TEMP.
BO	BINARY OUTPUT	H	HUMIDISTAT	RPM	REVOLUTIONS PER MINUTE
BTUH	BRITISH THERMAL UNITS/HOUR	HWV	HEATING WATER VALVE	SA	SOUND ATTENUATOR
BYP	BYPASS	HWP	HOT WATER PUMP	S/A	SUPPLY AIR
CAT	COOLING AIR TEMP	KW	KILOWATT	SAT	SUPPLY AIR TEMP
CFM	CUBIC FEET PER MINUTE	LAT	LEAVING AIR TEMPERATURE	SD	SPLITTER DAMPER
CLG	CEILING	LF	LINEAR FEET	SF	SUPPLY FAN
DB	DRY BULB	LG	LONG	SP	STATIC PRESSURE
dF	DEGREES FAHRENHEIT	LVG	LEAVING	S	SENSOR
DIFF	DIFFUSER	LWT	LEAVING WATER TEMP	SS	STAINLESS STEEL
DN	DOWN	MAT	MIXED AIR TEMP	T	THERMOSTAT
DWG	DRAWING	MAX	MAXIMUM	TSP	TOTAL STATIC PRESSURE
EA	EACH	MBH	THOUSAND BTU/HR	TYP	TYPICAL
EAT	ENTERING AIR TEMPERATURE	MBC	MODULAR BUILDING CONTROLLER	UH	UNIT HEATER
EF	EXHAUST FAN	M.D.	MOTORIZED DAMPER	VAV	VARIABLE AIR VOLUME TERMINAL
ELEC	ELECTRICAL	MECH	MECHANICAL	VFD	VARIABLE FREQUENCY DRIVE
EL	ELEVATION	MVD	MANUAL VOLUME DAMPER	VD	VOLUME DAMPER
EQ	EQUAL	NC	NORMALLY CLOSED	2W	TWO WAY
ESP	EXTERNAL STATIC PRESSURE	NO	NORMALLY OPEN	2WO	TWO WAY CORNER
EWH	ELECTRIC WALL HEATER	O/A	OUTSIDE AIR	3W	THREE WAY
CWS	CHILLED WATER SUPPLY	OAT	OUTDOOR AIR TEMP	4W	FOUR WAY
CWR	CHILLED WATER RETURN	OAD	OUTDOOR AIR DAMPER	WB	WET BULB
		OBD	OPPOSED BLADE DAMPER	WFMD	WATER FLOW MEASURING DEVICE

PIPING SYMBOLS

- AUTOMATIC AIR VENT
- BUTTERFLY VALVE
- BALANCING VALVE
- BOTTOM CONNECTION BRANCH
- CAPPED PIPE END
- CHECK VALVE
- COMBINATION SHUT-OFF/ BALANCING VALVE
- CONCENTRIC REDUCER
- CD — CONDENSATE DRAIN
- CUT-OFF VALVE (ABOVE GRADE)
- CUT-OFF VALVE (BELOW GRADE)
- CUT-OFF VALVE (GATE VALVE WITH HOSE COUPLING)
- ECCENTRIC REDUCER
- FLEXIBLE PIPE CONNECTION
- FLOW IN DIRECTION OF ARROW
- FOR — FUEL OIL RETURN
- FOS — FUEL OIL SUPPLY
- FOV — FUEL OIL VENT
- GAUGE COCK
- WATER FLOW MEASURING DEVICE (WFMD)
- GAS COCK
- HOSE BIB W/ VACCUM BREAKER
- HWR — HOT WATER HEATING RETURN
- HWS — HOT WATER HEATING SUPPLY
- O.S.&Y. VALVE
- RL — RETURN LINE
- RISER DN
- RISER UP
- SL — SLURRY LINE
- SOLENOID VALVE
- SIDE CONNECTION BRANCH
- TEE DOWN
- TEE UP
- THERMOMETER
- THERMOMETER WELL
- TOP CONNECTION BRANCH
- UNION
- 2-WAY AUTOMATIC CONTROL VALVE
- 3-WAY AUTOMATIC CONTROL VALVE
- Y-TYPE STRAINER

DUCTWORK SYMBOLS

SYMBOL	DESCRIPTION
UP	RISE IN DUCT, IN DIRECTION OF AIR FLOW
DN	DROP IN DUCT, IN DIRECTION OF AIR FLOW
	SUPPLY AIR DUCT, UP
	SUPPLY AIR DUCT, DN
	RETURN, EXHAUST, OR OUTSIDE AIR DUCT, UP
	RETURN, EXHAUST, OR OUTSIDE AIR DUCT, DN
R	RETURN OR EXHAUST GRILLE, CEILING MTD.
	DIFFUSER SYMBOL 4-WAY (A / 200 CFM) OR DIFFUSER SYMBOL (A / 200 CFM)
	DIFFUSER SYMBOL 2-WAY (A / 200 CFM)
	DUCTWORK
	VANED ELBOW (PROVIDE ALL SQUARE OR RECTANGULAR ELBOWS WITH VANES.
V.D. / S.D. / V.D.	SPLITTER FURNISH MANUAL VOLUME DPR. IN EACH LEG OF ALL SPLITTERS.
V.D.	MANUAL VOLUME DAMPER
M.D.	MOTORIZED VOLUME DAMPER
F.D.	FIRE DAMPER
FSD	FIRE/SMOKE COMBINATION DAMPER
	LINEAR SLOT DIFFUSER
T-H	THERMOSTAT, HUMIDISTAT WALL CONTROLS MTD. 5'-0" AFF. OR AT SAME ELEVATION AS LIGHT SWITCH
	INDICATES POINT OF CONNECTION BETWEEN NEW AND EXISTING APPURTENANCES.
	INDICATES POINT OF DISCONNECT BETWEEN NEW AND EXISTING APPURTENANCES.
	VARIABLE AIR VOLUME TERMINAL UNIT WITH REHEAT
	VARIABLE AIR VOLUME TERMINAL UNIT WITHOUT REHEAT

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E: LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013
Michael G. Lachin, AIA

STAMP

RANDY B. REECE — LICENSED PROFESSIONAL ENGINEER — 29025 — 2-20-2025 — STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA | U.S. Department of Veterans Affairs

Drawing Title	MECHANICAL SYMBOLS AND ABBREVIATIONS
Approved:	
Phase	FINAL SUBMISSION
	FULLY SPRINKLERED
Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location	1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date	2-20-2025
Checked	RBR
Drawn	RBR
Project Number	586-22-102
Building Number	1
Drawing Number	MH001
	1 OF 33

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MECHANICAL NOTES

1. INSTALLATION

A. ALL PIPING OR DUCTS IN FINISHED ROOMS OR SPACES SHALL BE CONCEALED IN FURRED CHASES OR ABOVE CEILINGS.

B. THERMOSTATS SHALL BE LOCATED 5'-0" ABOVE FLOOR AND SHALL CLEAR ALL EQUIPMENT. THERMOSTATS LOCATED NEXT TO DOORS SHALL BE LOCATED ON LATCH SIDE OF DOOR, AND AT SAME LEVEL AS LIGHT SWITCH. COORDINATE WITH ARCHITECTURAL.

C. COORDINATE DIFFUSER, GRILLE, AND REGISTER LOCATIONS WITH LAY-IN CEILING GRID. EXACT LOCATION OF DEVICES IS NOT CRITICAL BUT SHOULD BE LOCATED WITHIN TWO FEET OF LOCATION SHOWN ON DRAWINGS.

D. THE CONTRACTOR SHALL EXERCISE EXTREME CARE IN THE COORDINATION OF WORK OF ALL TRADES TO ASSURE PROPER INSTALLATION AND CLEARANCES. DRAWINGS ARE ESSENTIALLY DIAGRAMMATICAL AND THEREFORE CONTRACTOR SHOULD PLAN EXACT ROUTING OF DUCT AND PIPE BASED ON FIELD CONDITIONS. PROVIDE ADDITIONAL TRANSITIONS AND OFFSETS AS NECESSARY (AT NO ADDITIONAL COST TO OWNER) TO COMPLETE INSTALLATION AND MAINTAIN REQUIRED CEILING HEIGHTS.

E. ACCESS PANELS IN DUCTWORK AND NON-ACCESSIBLE CEILINGS SHALL BE PROVIDED FOR OPERATION AND MAINTENANCE OF ALL BOXES, COILS, VALVES, TRAPS, DAMPERS, CLEANOUTS, CONTROLS, ETC. PROVIDE MINIMUM 24"x24" CEILING ACCESS PANEL FOR VAV BOXES AND 12"x12" FOR DAMPERS. COORDINATE EXACT PLACEMENT OF ACCESS PANELS AND EQUIPMENT SO THAT REASONABLE MAINTENANCE SPACE IS AVAILABLE. NO ACCESS PANELS SHALL BE PROVIDED IN SECURE AREAS. ACCESS PANEL MUST MAINTAIN CEILING RATING.

F. INSTALLATION OF ALL EQUIPMENT AND SYSTEMS SHALL BE IN ACCORDANCE WITH STANDARD DETAILS, SECTIONS, AND ELEVATIONS SHOWN ON THE DRAWINGS.

G. CONTRACTOR SHALL MAINTAIN A CLEAR SERVICE AREA AROUND ALL EQUIPMENT FOR MAINTENANCE SUCH AS, FILTER REMOVAL, MOTOR AND DRIVE ADJUSTMENTS, COIL AND TUBE CLEANING OR REMOVAL. ANY OBSTRUCTIONS INSTALLED BY CONTRACTOR TO EQUIPMENT ACCESS WILL BE RELOCATED AT HIS EXPENSE.

H. PROVIDE ALL DRAIN PIPING FROM MECHANICAL EQUIPMENT WITH 2" AIR GAP CONNECTION AT WASTE PIPE, FLOOR DRAIN, OR ETC.

2. DUCTWORK

I. ALL DUCT RUNOUTS TO DIFFUSERS, RETURN AIR GRILLES, AND EXHAUST GRILLES SHALL BE COMPLETE WITH MANUAL VOLUME DAMPERS AT THE TAKE-OFF CONNECTION UNLESS NOTED OTHERWISE. LOCATE DAMPERS SO THEY ARE ACCESSIBLE FROM LAY-IN CEILING, OR ACCESS PANEL.

J. DUCT TRANSITIONS SHALL BE PROVIDED AS REQUIRED FROM ALL EQUIPMENT CONNECTIONS TO DUCT SIZES INDICATED ON DRAWINGS.

K. PROVIDE EASED INLET RECTANGULAR TO ROUND TAPS AT DUCT TAPS IF ROUND DUCT SIZE IS TOO LARGE FOR BELL MOUTH TAP TO TRUNK DUCT.

L. ALL EXTERIOR OPENINGS (INTAKE AND EXHAUST DUCTS, LOUVERS, FANS, ETC.) SHALL BE PROVIDED WITH BIRD SCREENING WHICH SHALL BE EASILY REMOVED FOR CLEANING AND ACCESS TO EQUIPMENT. SCREENING TO BE $\frac{3}{4}$" GALVANIZED EXPANDED METAL.

M. ALL DUCT SIZES INDICATE OUTSIDE DIMENSIONS OF SHEET METAL. NO ALLOWANCE FOR INSULATION IS SHOWN ON DRAWINGS.

N. PROVIDE HEMMED EDGES OVER RAW ENDS OF INSULATION AND SEAL WITH MASTIC FOR ALL LINED RETURN AIR DUCTS STUBBED INTO RETURN AIR PLENUMS.

O. ALL DUCT PLENUMS AND DUCTS (MINIMUM OF 5'-0" FROM LOUVER) CONNECTED TO EXTERIOR LOUVERS SHALL HAVE LIQUID TIGHT SEAMS AND LIQUID TIGHT CONNECTION TO LOUVER. SLOPE DOWN TO LOUVER AND ATTACH SO WATER WILL DRAIN TO OUTSIDE. PROVIDE 24"x24" (OR EQUIVALENT) ACCESS DOOR AT LOUVER IN EASILY ACCESSIBLE LOCATION FOR ACCESS TO LOUVER PLENUM AND LOUVER.

P. SUPPORT ALL DUCT ACCORDING TO THE INTERNATIONAL MECHANICAL CODE AND SMACNA.

Q. ROUND SUPPLY RUNOUTS TO DIFFUSERS SHALL BE HARD METAL TO WITHIN 5'-0" DEVELOPED LENGTH FROM DIFFUSER. MAXIMUM 6'-0" OF FLEXIBLE DUCT MAY BE USED FOR FINAL CONNECTION TO DIFFUSER. THIS DOES NOT APPLY TO STERILE AREAS INCLUDING SURGERY SPACES, CATH LAB, STERILE STORAGE, OR POSITIVE PRESSURE ISOLATION ROOMS. NO FLEXIBLE DUCT SHALL BE USED IN THOSE AREAS.

R. ALL RECTANGULAR DUCT SHALL BE GALVANIZED SHEET METAL WITH 2" EXTERIOR DUCT WRAP FIBERGLASS INSULATION WITH FOIL JACKET VAPOR BARRIER. SEAL ALL DUCT JOINTS AND INSULATION JOINTS AIRTIGHT.

S. ALL ROUND BRANCH DUCTS SHALL BE GALVANIZED SHEET METAL WITH SAME INSULATION DESCRIBED ABOVE. FLEXIBLE DUCTS OF NO MORE THAN 5 FEET MAY BE USED FOR DEVICE CONNECTIONS. ALL BRANCH DUCTS MUST HAVE COLLARS WITH INTEGRAL BALANCING DAMPERS.

3. EQUIPMENT INSTALLATION

U. SAFE-OFF AIRTIGHT AROUND ALL COILS, SOUND TRAPS, FILTERS, ETC. WITH 16 GAGE GALVANIZED SHEET METAL SET IN NON-HARDENING FIRE RETARDANT MASTIC.

4. EXISTING

V. CONTRACTOR TO COORDINATE ALL DEMOLITION WORK IN OCCUPIED SPACES WITH THE COR AND PERFORM AS SCHEDULED AT COR'S CONVENIENCE.

W. MECHANICAL CONTRACTOR TO COORDINATE ALL PATCHING, PAINTING, EXCAVATING, CUTTING, ETC. WITH GENERAL CONTRACTOR.

X. NO UTILITY SYSTEM WILL BE DISCONNECTED OR TAKEN OUT OF SERVICE THAT SERVES OCCUPIED SPACES WITHOUT PRIOR WRITTEN APPROVAL. SUBMIT ALL REQUESTS FOR UTILITY OUTAGES AND CONNECTIONS TO THE ENGINEER WITH A WRITTEN DESCRIPTION OF THE WORK INVOLVED, UTILITY TO BE INTERRUPTED, DURATION OF INTERRUPTION, TIME AND DATE REQUESTED. THIS WORK WILL BE REVIEWED BY THE ENGINEER AND RECOMMENDATION WILL BE MADE TO THE COR AS TO THE READINESS OF THE CONTRACTOR TO PERFORM THE WORK.

Y. REQUIRED WORK SHOWN ON THESE DRAWINGS HAS BEEN TAKEN FROM THE OWNER'S ORIGINAL CONSTRUCTION DRAWINGS AND FROM LIMITED SITE SURVEY BY THE ENGINEER. THIS INFORMATION IS BELIEVED TO BE TRUE AND ACCURATE. THE CONTRACTOR IS ENCOURAGED TO FIELD VERIFY ANY AND ALL EXISTING SITUATIONS INCLUDING EXISTING UTILITIES AND STRUCTURE INTERFERENCES BEFORE SUBMITTING HIS BID, AND DURING THE COORDINATION AND PLANNING OF HIS WORK. THE CONTRACTOR WILL BE EXPECTED TO MAKE MINOR MODIFICATIONS TO THE WORK SHOWN IN ORDER TO MEET THE INTENT OF THE DESIGN. SOME EXISTING PIPE, CONDUIT, AND DUCT MAY REQUIRE RELOCATION IN THIS PROJECT.

GENERAL NOTES:

G1 ALL SUPPLY, RETURN, AND EXHAUST DUCT TO BE INSULATED WITH 2" FIBERGLASS DUCT WRAP WITH FOIL BACK VAPOR BARRIER. SEAL ALL SEAMS AND LAPS WITH 2" HIGH PRESSURE FOIL TAPE. SEAL ALL DUCT JOINTS WITH MASTIC DUCT SEALANT.

G2 RECTANGULAR DUCT TO BE GALVANIZED SHEET METAL. MEDIUM PRESSURE ROUND BRANCH DUCTS TO BE ROUND SINGLE WALL SPIRAL. LOW PRESSURE ROUND BRANCH DUCT TO BE SNAP LOCK GALVANIZED SHEET METAL TO WITHIN SIX FEET OF THE DIFFUSER CONNECTIONS WHERE FLEXIBLE DUCT MAY BE USED.

G3 CONTRACTOR TO CONSULT ENGINEER WITH ALL QUESTIONS BEFORE PROCEEDING WITH WORK.

G4 COORDINATE INSTALLATION OF EQUIPMENT AND UTILITIES WITH EXISTING CONDITIONS AT SITE.

G5 ALL WORK SHALL BE COMPLETED IN CONFORMANCE WITH THE 2018 INTERNATIONAL CODE SERIES.

G6 CONTRACTOR IS RESPONSIBLE FOR ALL WORK REQUIRED TO COMPLETE THE PROJECT IN AGREEMENT WITH THE DESIGN INTENT SHOWN ON THESE DRAWINGS.

G7 DUCT SIZES SHOWN MAY BE MODIFIED BY THE CONTRACTOR TO ACCOMODATE CLEARANCE REQUIREMENTS AS LONG AS THE NET FREE AIRFLOW AREA IS NOT CHANGED. CONSULT ENGINEER FOR ASSISTANCE.

G8 DUCT ROUTING MAY NOT BE MODIFIED BY THE CONTRACTOR WITHOUT APPROVAL OF THE ENGINEER DUE TO POTENT IAL OF PENETRATIONS IN RATED WALL ASSSEMBLIES.

G9 PROVIDE ACCESS PANELS IN DUCTS AT ALL FIRE DAMPERS.

G10 RECTANGULAR DUCT DIMENSIONS SHOWN ARE INSIDE CLEAR. NO ALLOWANCE FOR INSULATION.

G11 MOUNT ALL DUCTWORK AS HIGH AS POSSIBLE. TRANSITION DUCT IN UPWARD DIRECTION TO MAINTAIN MAXIMUM CLEARANCE BETWEEN DUCT AND CEILING. COORDINATE ROUTING OF DUCT WITH BOTH PLUMBING AND ELECTRICAL TRADES AND STRUCTURE.

G12 MAXIMUM LENGTH OF FLEXIBLE DUCT IS SIX FEET. FLEXIBLE DUCT SHOULD NOT BE USED TO MAKE ABRUPT CHANGES IN DIRECTION OR FOR EXHAUST OR RETURN AIR.

G13 ALL DUCT PENETRATING FIRE AND SMOKE WALLS SHALL BE EQUIPPED WITH DYNAMIC RATED FIRE DAMPERS (OR COMBINATIONS FIRE/SMOKE WHERE APPLICABLE) . PROVIDE ACCESS PANELS AT EACH SIDE OF ALL FIRE DAMPER LOCATIONS. INSTALL ACCORDING TO MANUFACTURER'S RECOMMENDATIONS AND THE INTERNATIONAL MECHANICAL CODE.

G14 COORDINATE HORIZONTAL ROUTE OF NEW DUCT THROUGH EXTERIOR WALL WITH COLUMNS, WINDOWS, OVERHANGS, LOUVERS, AND EXISTING UTILITIES.

G15 ALL BRANCH DUCT STARTING COLLARS SHOULD HAVE BALANCING DAMPERS, ABOVE SUSPENDED CEILINGS. DO NOT INSTALL MANUAL DAMPERS ABOVE GYPSUM BOARD CEILINGS WITHOUT PROVIDING AND INTALLING AN ACCESS PANEL.

G16 ALL CENTRAL AIR HANDLING UNITS SUPPLYING MORE THAN 2000 CFM AND/OR SERVING AN EXIT CORRIDOR SHALL HAVE SMOKE DETECTION TO INTERRUPT POWER. AHU SMOKE CONTROLS SHALL BE CONNECTED TO THE AUTOMATIC FIRE ALARM SYSTEM AS REQUIRED BY CODE.

G17 HYDRONIC PIPING 3" AND LARGER TO BE SCHEDULE 40 STEEL WITH WELDED FITTINGS. PIPE 2-1/2" AND SMALLER TO BE TYPE L COPPER WITH SOLDERED FITTINGS. NATURAL GAS PIPING TO BE SCHEDULE 40 STEEL WITH THREADED OR WELDED FITTINGS. CHILLED WATER PIPING TO BE INSULATED WITH 2" PREFORMED PHENOLIC FOAM WITH VAPOR BARRIER. HEATING WATER PIPING INSULATED WITH 2" FIBERGLASS WITH FSK JACKET. ALL PIPING ROUTED AT EXTERIOR SHALL BE COVERED WITH SMOOTH ALUMINUM JACKET, BANDED, AND SEAMS SEALED TO BE WATERTIGHT. BELOW GRADE PIPING TO BE ROUTED IN TRENCH PER TRENCH DETAIL. THAT PIPING SHALL BE PREINSULATED AQUATHERM.

G18 LABEL OR STENCIL ALL PIPING EVERY 15' FOR CONTENT AND FLOW DIRECTION.

G19 PROVIDE REDUCERS, TRANSITIONS, AND FITTINGS AS REQUIRED FOR ALL PIPE CONNECTIONS AT EQUIPMENT AS SHOWN.

G20 SUPPORT HYDRONIC PIPING FROM STRUCTURE ABOVE WITH CLEVIS TYPE HANGERS SIZED FOR PASSING OF INSULATION AND JACKETING.

G21 PROVIDE 4" REINFORCED CONCRETE BASE FOR ALL NEW EQUIPMENT AS SHOWN ON DRAWING. CHAMFER PAD EDGES AT 45 DEGREE ANGLE.

G22 PROVIDE MANUFACTURER'S START UP ON NEW AIR HANDLING EQUIPMENT. OWNER MUST WITNESS STARTUP AND SIGN OFF BEFORE ACCEPTANCE.

G23 SEE STRUCTURAL ENGINEERING DRAWINGS FOR ROOF FRAMING, EQUIPMENT SUPPORT, AND PENETRATION LOCATIONS AND REQUIREMENTS.

G24 CONTRACTOR TO COORDINATE ALL ROOF LEVEL MECHANICAL WORK INCLUDING PENETRATIONS AND EQUIPMENT INSTALLATION WITH GENERAL CONTRACTOR.

G25 CONTRACTOR TO PROVIDE SERVICES OF AABC OR NEBB CERTIFIED TAB AGENT TO BALANCE WATER AND AIRFLOW TO WITHIN +10% AND - 0% PER DESIGN DOCUMENTS. COMPLETE FINAL BALANCING AND SUBMIT REPORT TO ENGINEER. ALL QUANTITIES OF AIR AND WATER TO BE MEASURED AND REPORTED TO ENGINEER BEFORE A FINAL INSPECTION WILL BE SCHEDULED. TAB AGENT QUALIFICATIONS TO BE SUBMITTED TO ENGINEER FOR REVIEW AND APPROVAL BEFORE ANY WORK IS BEGAN. PAYMENT TO BE RELEASED TO TAB AGENT UPON FINAL APPROVAL BY ENGINEER SIGNATURE.

G26 THE DESIGN MECHANICAL ENGINEER WILL NOT BE RESPONSIBLE FOR THE RESULTS OF VALUE ENGINEERING BY THE CONTRACTOR/OWNER WHICH INVOLVES MODIFICATION OF THE MECHANICAL AND HVAC SYSTEMS AND THEIR CAPACITIES, ETC.

G27 ALL EQUIPMENT, LABOR, MATERIAL, AND COORDINATION TO COMPLETE THIS PROJECT PER THE DESIGN INTENT SHALL BE PROVIDED BY CONTRACTOR.

G28 THE CONTROLS CONTRACTOR SHALL PROVIDE AND INSTALL 120V TO 24 V TRANSFORMERS AND LOW VOLTAGE CONTROL WIRING FOR MECHANICAL COMPONENTS SHOWN ON THE DRAWINGS AND IN THE CONTROLS SUBMITTALS. THE CONTROLS CONTRACTOR WILL NOT BE RESPONSIBLE FOR INSTALLING ANY 120 VOLT POWER WIRING TO ANY CONTROLLERS. THAT RESPONSIBILITY IS THE ELECTRICAL CONTRACTOR.

G29 ALL CONTROLS COMPONETS TO BE DIRECT DIGITAL/BACNET AND CAPABLE OF DIRECT INTEGRATION AND COMMUNICATION WITH EXISTING JOHNSON CONTROLS SYSTEM. SEE CONTROL DETAILS, POINTS LIST, AND SEQUENCE OF OPERATION IN THIS DRAWING SET. CONTRACTOR PROVIDE ALL HARDWARE, SOFTWARE, PROGRAMMING, CALIBRATION, GRAPHICS, COMMUNICATION, REQUIRED FOR FULL SYSTEM PERFORMANCE. AFTER FINAL CONTROLS SUBMITTALS ARE APPROVED THE GENERAL CONTRACTOR SHALL COORDINATE ALL DIVISION 26 ELECTRIC POWER REQUIREMENTS FOR ALL DIGITAL BAS CONTROL COMPONENTS.

G30 DUCT GAUGES, SUPPORTS, LOCKS, ETC. SHALL COMPLY WITH SMACNA STANDARDS, SPECIFICATIONS, AND EXTERNAL STATIC PRESSURE REQUIREMENTS PER THE DRAWINGS AND SCHEDULES. CONTACT ENGINEER WITH QUESTIONS. ALL DUCT MUST BE SUBMITTED TO ENGINEER FOR APPROVAL PRIOR TO ORDERING.

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

Michael G. Lachin, AIA

STAMP

RANDY B. REECE
LICENSED PROFESSIONAL ENGINEER
29025
2-20-2025
STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: **MECHANICAL NOTES**

Approved:

Phase: FINAL SUBMISSION

FULLY SPRINKLERED

Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH

Location: 1500 E. Woodrow Wilson Dr. Jackson, MS

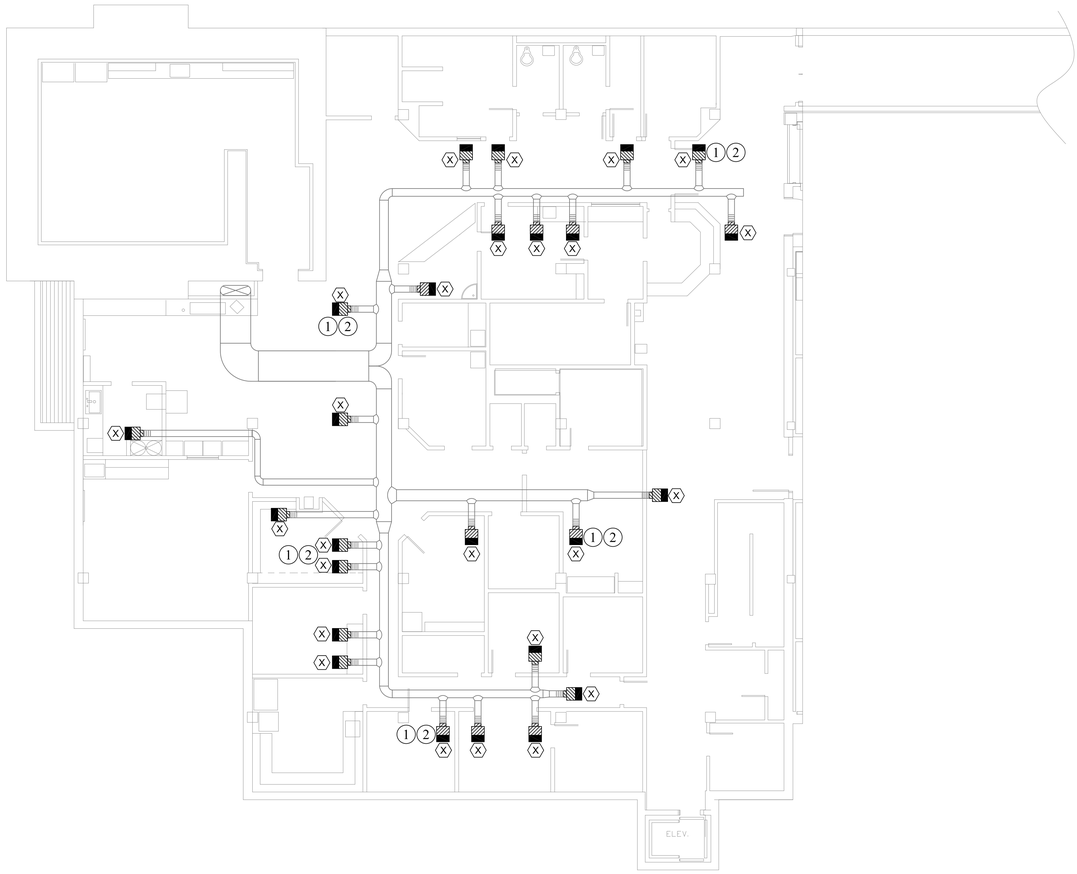
Issue Date: 2-20-2025 | Checked: RBR | Drawn: RBR

Project Number: 586-22-102

Building Number: 1

Drawing Number: MH002

VA FORM 08 - 6231



GENERAL NOTES:

A. COORDINATE ALL EQUIPMENT AND UTILITY REMOVAL AND INTERRUPTION WITH THE COR.

B. CONTRACTOR TO PROVIDE DUST PARTITIONS, NEGATIVE AIR MACHINES, AIR FILTRATION, AND ALL ELSE REQUIRED BY THE COR AND THE INFECTION CONTROL RISK ASSESSMENT FOR THIS PROJECT.

C. ALL SYSTEMS SHOWN ON THIS DRAWING ARE TAKEN FROM THE OWNER'S ORIGINAL DRAWINGS AND LIMITED SITE SURVEY OF EXISTING SYSTEMS. CONTRACTOR TO EXPECT THAT SOME OF THE DUCT AND PIPING WILL NOT BE EXACTLY AS SHOWN. CONTRACTOR TO FIELD VERIFY AND PROVIDE OFFSETS AND TRANSITIONS AS REQUIRED BY FIELD CONDITIONS.

D. CAP AND SEAL ALL UTILITY MAINS WHEN ANY BRANCH PIPING/DUCT IS REMOVED.

E. PROTECT ALL RATED PARTITION OPENINGS DURING PROJECT DURATION.

NUMBERED NOTES:

1. TAB AGENT TO MONITOR, LOG, AND RECORD EXISTING MAX/MIN SETPOINTS FOR EXISTING AIR TERMINAL DEVICES AT LOCATIONS SHOWN. ALL TYPICAL.

2. CONTRACTOR TO REMOVE ASSOCIATED THERMOSTATS AND PNEUMATIC TUBING BACK TO SOURCE AND SECURE. REMOVE ASSOCIATED PNEUMATIC ACTUATOR AND PREP FOR CONVERSION TO DDC CONTROLS PER NEW WORK DRAWINGS. TYPICAL ALL AIR TERMINAL DEVICES SHOWN.

LEGEND	
EXISTING DUCT/EQUIPMENT TO REMAIN	
EXISTING DUCT/EQUIPMENT TO BE REMOVED	
POINT OF DISCONNECT BETWEEN NEW & EXISTING UTILITY	
EXISTING AIR TERMINAL BOX TO REMAIN	X

BASEMENT FLOOR PLAN - CONTROLS DEMOLITION

SCALE: 1/8" = 1' - 0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

Michael G. Lachin, AIA

STAMP

RANDY B. REECE — 29025 — REGISTERED PROFESSIONAL ENGINEER — 2-20-2025 — STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	BASEMENT FLOOR PLAN - CONTROLS DEMOLITION
Approved:	
Phase	FINAL SUBMISSION
	FULLY SPRINKLERED
Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location	1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date	2-20-2025
Checked	RBR
Drawn	RBR
Project Number	586-22-102
Building Number	1
Drawing Number	MD101
	3 OF 33

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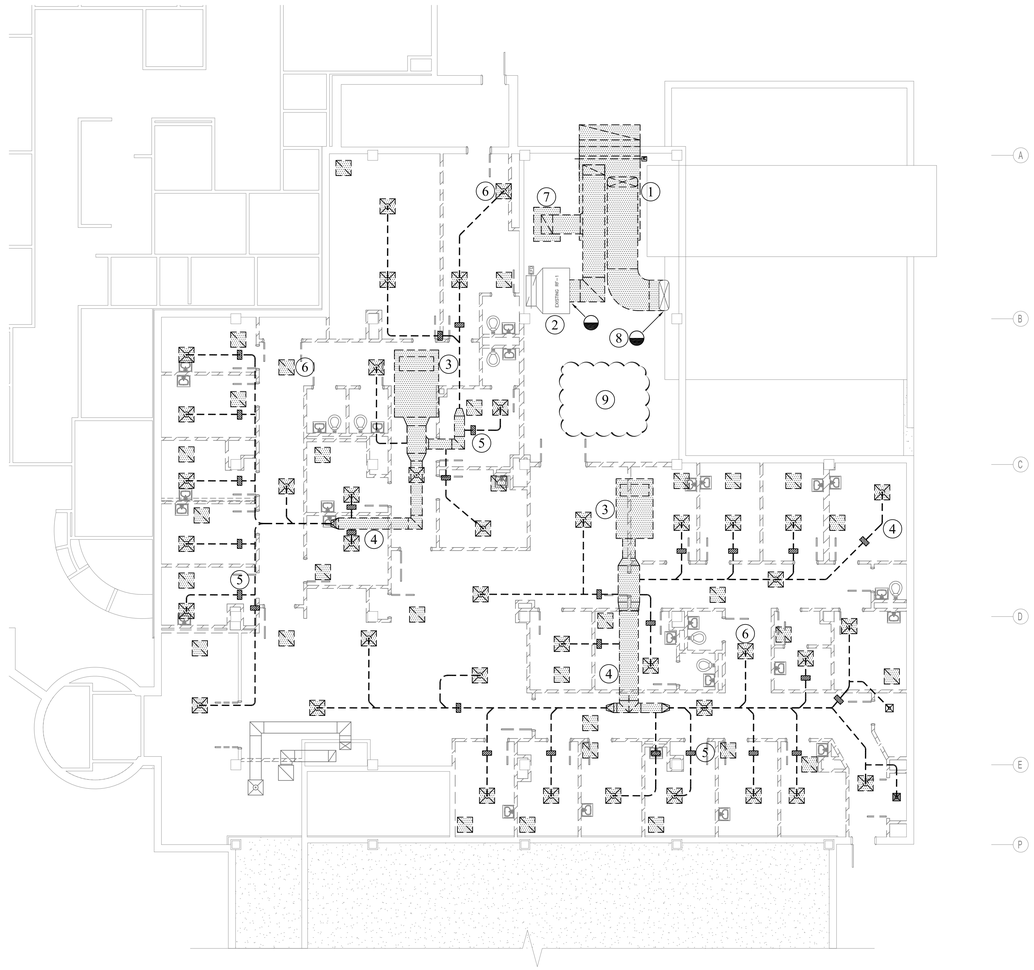

GENERAL NOTES:

A COORDINATE ALL EQUIPMENT AND UTILITY REMOVAL AND INTERRUPTION WITH THE COR.

B CONTRACTOR TO PROVIDE DUST PARTITIONS, NEGATIVE AIR MACHINES, AIR FILTRATION, AND ALL ELSE REQUIRED BY THE COR AND THE INFECTION CONTROL RISK ASSESSMENT FOR THIS PROJECT.

C ALL SYSTEMS SHOWN ON THIS DRAWING ARE TAKEN FROM THE OWNER'S ORIGINAL DRAWINGS AND LIMITED SITE SURVEY OF EXISTING SYSTEMS. CONTRACTOR TO EXPECT THAT SOME OF THE DUCT AND PIPING WILL NOT BE EXACTLY AS SHOWN. CONTRACTOR TO FIELD VERIFY AND PROVIDE OFFSETS AND TRANSITIONS AS REQUIRED BY FIELD CONDITIONS.

D CAP AND SEAL ALL UTILITY MAINS WHEN ANY BRANCH PIPING/DUCT IS REMOVED.

E PROTECT ALL RATED PARTITION OPENINGS DURING PROJECT DURATION.

LEGEND	
EXISTING DUCT/EQUIPMENT TO REMAIN	
EXISTING DUCT/EQUIPMENT TO BE REMOVED	
POINT OF DISCONNECT BETWEEN NEW & EXISTING UTILITY	

NUMBERED NOTES:

1. DISCONNECT AND REMOVE THE EXISTING AIR HANDLING UNIT AT THIS LOCATION. REMOVE ALL ASSOCIATED DUCTWORK, PIPING, SUPPORTS, AND CONTROLS ASSOCIATED WITH THIS UNIT. CHILLED AND HEATING WATER PIPING TO BE REMOVED BACK TO MAIN AND PREPPED FOR NEW WORK CONNECTION. CONTRACTOR TO REPAIR EXTERIOR WALL AFTER REMOVAL OF OUTSIDE AIR DUCT AND ASSOCIATED COMPONENTS. COORDINATE WITH ARCHITECTURAL FOR FURTHER DETAILS OF WALL REPAIR. SEE SHEET MH102 FOR CONTINUATION.
2. EXISTING RETURN FAN AT LOCATION SHOWN TO REMAIN. SEE NEW WORK DRAWINGS FOR CONTINUED WORK IN THIS AREA.
3. DISCONNECT AND REMOVE THE EXISTING HORIZONTAL AIR HANDLER ABOVE CEILING AT LOCATIONS SHOWN. REMOVE ALL ASSOCIATED DUCTWORK, PIPING, SUPPORTS, AND CONTROLS ASSOCIATED WITH THIS UNIT. CHILLED AND HEATING WATER PIPING TO BE REMOVED BACK TO NEAREST MAIN AND CAPPED.
4. DISCONNECT AND REMOVE ALL DUCT SHOWN WITH HATCHED OR DASHED LINES ON THIS DRAWING. REMOVE ASSOCIATED DUCT SUPPORTS. TYPICAL.
5. DISCONNECT AND REMOVE THE EXISTING DUCT MOUNTED HOT WATER REHEAT COIL(S) ABOVE CEILING AT LOCATIONS SHOWN. REMOVE ALL ASSOCIATED DUCTWORK, PIPING, SUPPORTS, AND CONTROLS ASSOCIATED WITH THIS EQUIPMENT. HEATING WATER PIPING TO BE REMOVED BACK TO NEAREST MAIN AND CAPPED.
6. DISCONNECT AND REMOVE EXISTING CEILING AIR DEVICES AS SHOWN. TYPICAL.
7. DISCONNECT AND REMOVE EXISTING RELIEF AIR DUCT IN MECHANICAL ROOM AND ASSOCIATED GRAVITY VENTILATOR ON ROOF ABOVE. COORDINATE WITH EXISTING UTILITIES. REMOVE ASSOCIATED DUCT SUPPORTS. SEAL ROOF PENETRATION AS REQUIRED BY STRUCTURAL ENGINEER. FLASHING, PATCHING, AND REPAIR OF ROOF BY CONTRACTOR.
8. DISCONNECT AND REMOVE EXISTING SUPPLY DUCT 12" AFF (OR PER CONTRACTOR) AND PREP FOR NEW CONNECTIONS AS REQUIRED. REMOVED ASSOCIATED DAMPERS, SUPPORTS, AND ELSE AS REQUIRED. CONTRACTOR TO REPLACE INSULATION ON REMAINING EXISTING SUPPLY AIR DUCT AFTER CONNECTION AS WELL.
9. SEE SHEET MD104 THRU MD109 FOR LARGE SCALE DEMOLITION WORK IN THIS AREA.

FIRST FLOOR PLAN - HVAC - DEMOLITION

SCALE: 1/8" = 1' - 0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E: LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013
Michael G. Lachin, AIA

STAMP

RANDY B. REED — 29025 — REGISTERED ARCHITECT — 2-20-2025 — STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA | U.S. Department of Veterans Affairs

Drawing Title	FIRST FLOOR PLAN - HVAC - DEMOLITION
Approved:	
Phase	FINAL SUBMISSION
	FULLY SPRINKLERED
Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location	1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date	2-20-2025
Checked	RBR
Drawn	RBR
Project Number	586-22-102
Building Number	1
Drawing Number	MD102
	4 OF 33

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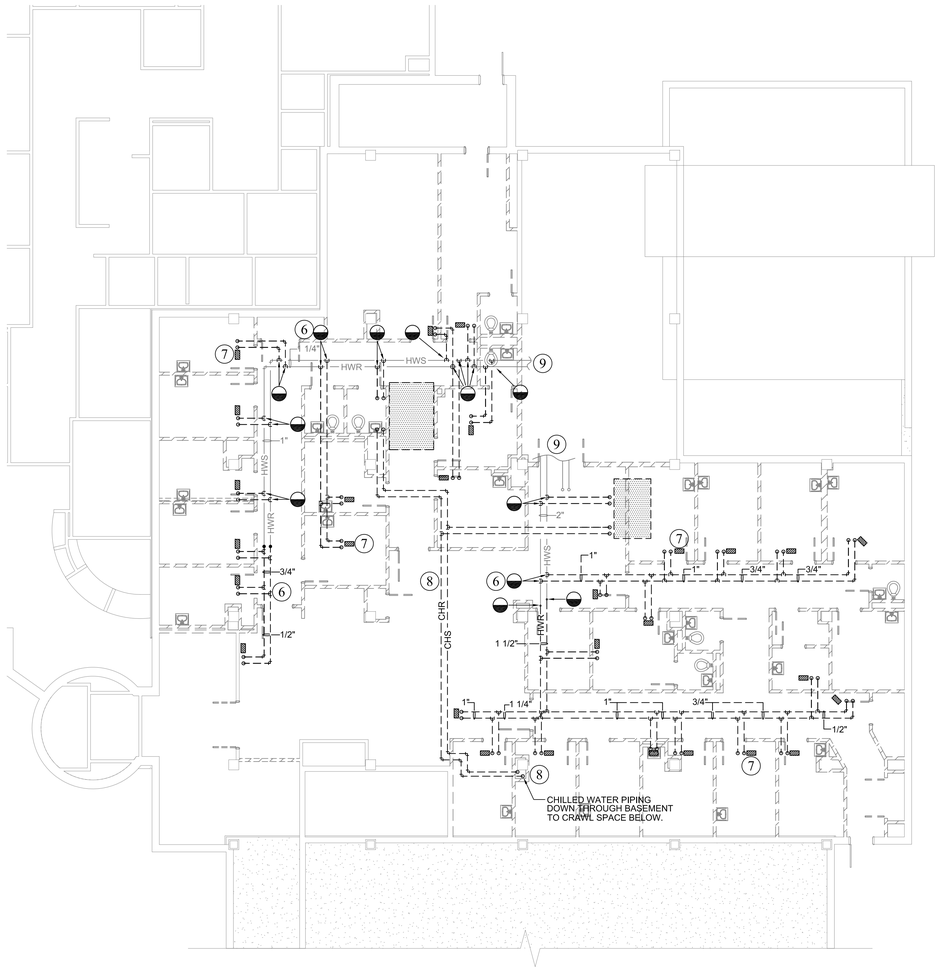

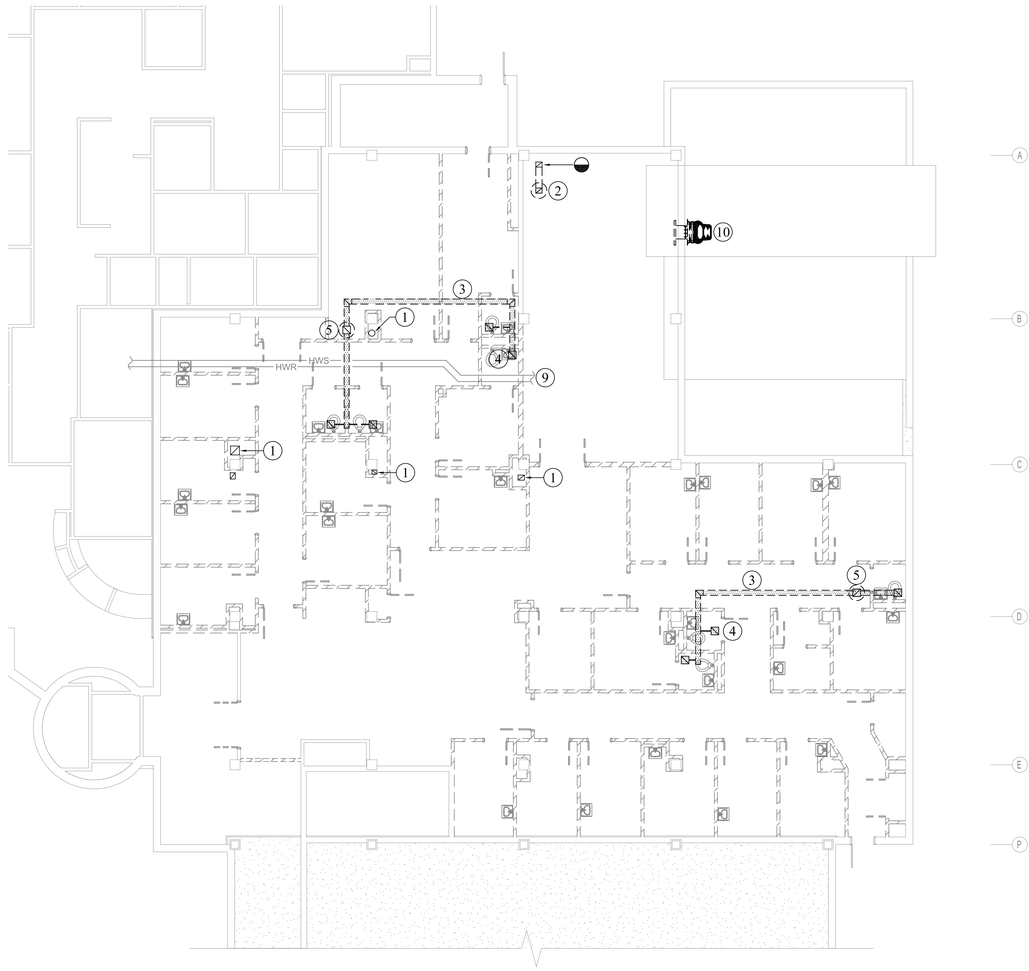

GENERAL NOTES:

A. COORDINATE ALL EQUIPMENT AND UTILITY REMOVAL AND INTERRUPTION WITH THE COR.

B. CONTRACTOR TO PROVIDE DUST PARTITIONS, NEGATIVE AIR MACHINES, AIR FILTRATION, AND ALL ELSE REQUIRED BY THE COR AND THE INFECTION CONTROL RISK ASSESSMENT FOR THIS PROJECT.

C. ALL SYSTEMS SHOWN ON THIS DRAWING ARE TAKEN FROM THE OWNER'S ORIGINAL DRAWINGS AND LIMITED SITE SURVEY OF EXISTING SYSTEMS. CONTRACTOR TO EXPECT THAT SOME OF THE DUCT AND PIPING WILL NOT BE EXACTLY AS SHOWN. CONTRACTOR TO FIELD VERIFY AND PROVIDE OFFSETS AND TRANSITIONS AS REQUIRED BY FIELD CONDITIONS.

D. CAP AND SEAL ALL UTILITY MAINS WHEN ANY BRANCH PIPING/DUCT IS REMOVED.

E. PROTECT ALL RATED PARTITION OPENINGS DURING PROJECT DURATION.

LEGEND	
EXISTING DUCT/EQUIPMENT TO REMAIN	
EXISTING DUCT/EQUIPMENT TO BE REMOVED	
POINT OF DISCONNECT BETWEEN NEW & EXISTING UTILITY	

NUMBERED NOTES:

1. EXISTING EXHAUST DUCT UP FROM FLOOR BELOW AND EXTENDED UP TO ROOF ABOVE. THIS DUCT IS TO REMAIN IN SERVICE. PROVIDE OFFSETS AS/IF REQUIRED PER NEW ARCHITECTURAL WALL LAYOUT. COORDINATE WITH EXISTING UTILITIES. VERIFY EXACT LOCATION ON SITE AND MODIFY AS REQUIRED PER THE DESIGN INTENT OF THESE DRAWINGS.
2. DISCONNECT AND REMOVE THE EXISTING EXHAUST FAN ASSOCIATED WITH THIS DUCT ON ROOF ABOVE. DISCONNECT AND REMOVE EXISTING EXHAUST DUCT FROM FAN TO DO ABOVE BASEMENT LEVEL CEILING AND CAP. REMOVE ALL ASSOCIATED SUPPORTS ASSOCIATED WITH THIS FAN. SEAL ALL ROOF/FLOOR PENETRATIONS AS REQUIRED BY STRUCTURAL ENGINEER AND PREP PER NEW WORK SHEETS. FLASHING, PATCHING, AND REPAIR OF ROOF/FLOOR BY CONTRACTOR.
3. DISCONNECT AND REMOVE ALL EXHAUST DUCT SHOWN WITH HATCHED OR DASHED LINES ON THIS DRAWING. REMOVE ASSOCIATED DUCT SUPPORTS. TYPICAL.
4. DISCONNECT AND REMOVE EXISTING CEILING AIR DEVICES AS SHOWN. TYPICAL.
5. DISCONNECT AND REMOVE THE EXISTING EXHAUST FAN ASSOCIATED WITH THIS DUCT ON ROOF ABOVE. REMOVE ALL ASSOCIATED DUCTWORK, PIPING, SUPPORTS, AND CONTROLS ASSOCIATED WITH THIS FAN. SEAL ROOF PENETRATION AS REQUIRED BY STRUCTURAL ENGINEER. FLASHING, PATCHING, AND REPAIR OF ROOF BY CONTRACTOR. ANY DISRUPTION TO OCCUPIED FLOOR ABOVE OR BELOW TO BE COORDINATED WITH AND APPROVED BY COR.
6. DISCONNECT AND REMOVE EXISTING HEATING WATER PIPING BACK TO MAIN AND CAP. REMOVE ASSOCIATED PIPING SUPPORTS.
7. DISCONNECT AND REMOVE EXISTING THERMOSTATS AND PNEUMATIC TUBING BACK TO SOURCE AND SECURE. TYPICAL ALL REHEAT COILS SHOWN.
8. DISCONNECT AND REMOVE EXISTING CHILLED WATER PIPING FROM AIR HANDLER(S) BACK TO MAIN IN CRAWL SPACE BELOW AND CAP. REMOVE ASSOCIATED PIPING SUPPORTS. COORDINATE THE REMOVAL OF VERTICAL PIPING DOWN THROUGH BASEMENT LEVEL WITH EXISTING CONDITIONS. IF DISRUPTION TO ANY WALLS OR SURFACES ON OCCUPIED FLOOR BELOW IS NECESSARY, COORDINATE WITH COR ON TIMING AND DURATION. PATCHING, PAINTING, AND REPAIR BY CONTRACTOR.
9. SEE LARGE SCALE SHEETS FOR WORK IN THIS AREA.
10. DISCONNECT AND REMOVE THE EXISTING WALL MOUNTED EXHAUST FAN AND ASSOCIATED SIDEWALL GRILLE AT LOCATION SHOWN. REMOVE ALL ASSOCIATED SUPPORTS ASSOCIATED WITH THIS FAN. SEAL WALL PENETRATION TO MATCH EXISTING. COORDINATE WITH ARCHITECTURAL.

FIRST FLOOR PLAN - EXHAUST AND HEATING WATER PIPING - DEMOLITION

SCALE: 1/8" = 1' - 0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E: LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013
Michael G. Lachin, AIA

STAMP

BRANDY B. REED
LICENSED ARCHITECT
29025
2-20-2025
STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	FIRST FLOOR PLAN - EXHAUST AND HEATING WATER PIPING - DEMOLITION
Approved:	
Phase	FINAL SUBMISSION
	FULLY SPRINKLERED
Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location	1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date	2-20-2025
Checked	RBR
Drawn	RBR
Project Number	586-22-102
Building Number	1
Drawing Number	MD103
	5 OF 33

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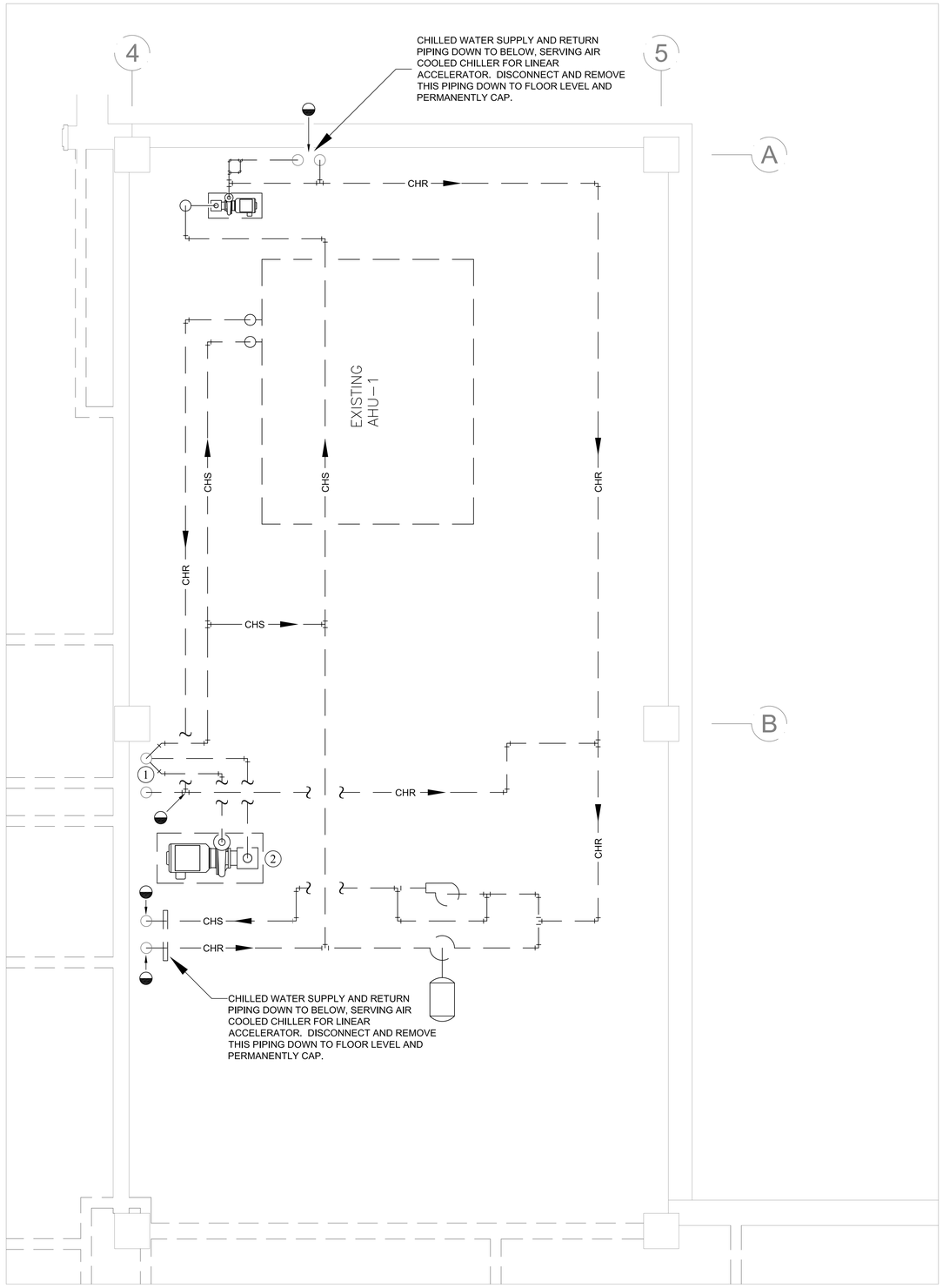


GENERAL NOTES:

A. COORDINATE ALL EQUIPMENT AND UTILITY REMOVAL AND INTERRUPTION WITH THE COR.

B. CONTRACTOR TO PROVIDE DUST PARTITIONS, NEGATIVE AIR MACHINES, AIR FILTRATION, AND ALL ELSE REQUIRED BY THE OWNER AND THE INFECTION CONTROL RISK ASSESSMENT FOR THIS PROJECT.

C. ALL SYSTEMS SHOWN ON THIS DRAWING ARE TAKEN FROM THE OWNER'S ORIGINAL DRAWINGS AND LIMITED SITE SURVEY OF EXISTING SYSTEMS. CONTRACTOR TO EXPECT THAT SOME OF THE DUCT AND PIPING WILL NOT BE EXACTLY AS SHOWN. CONTRACTOR TO FIELD VERIFY AND PROVIDE OFFSETS AND TRANSITIONS AS REQUIRED BY FIELD CONDITIONS.

D. CAP AND SEAL ALL UTILITY MAINS WHEN ANY BRANCH PIPING/DUCT IS REMOVED.

E. PROTECT ALL RATED PARTITION OPENINGS DURING PROJECT DURATION.

LEGEND	
EXISTING DUCT/EQUIPMENT TO REMAIN	
EXISTING DUCT/EQUIPMENT TO BE REMOVED	
POINT OF DISCONNECT BETWEEN NEW & EXISTING UTILITY	

NUMBERED NOTES:

1. DISCONNECT AND REMOVE EXISTING CHILLED WATER PIPING FROM EXISTING CHILLED WATER RISER BACK TO MAIN AND CAP. REMOVE ASSOCIATED PIPING SUPPORTS. COORDINATE THE REMOVAL OF PIPING WITH EXISTING CONDITIONS. COORDINATE WITH COR ON TIMING AND DURATION. PREP PIPING FOR NEW WORK AS REQUIRED.

2. DISCONNECT EXISTING CHILLED WATER BOOSTER PUMP AT LOCATION SHOWN. REMOVE ASSOCIATED SUPPORTS, CONTROLS, ETC. AS REQUIRED. COORDINATE WITH EXISTING UTILITIES AND SITE CONDITIONS.

FIRST FLOOR PLAN - LARGE SCALE CHILLED WATER - DEMOLITION

SCALE: 1/2" = 1' - 0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E: LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013
Michael G. Lachin, AIA

STAMP

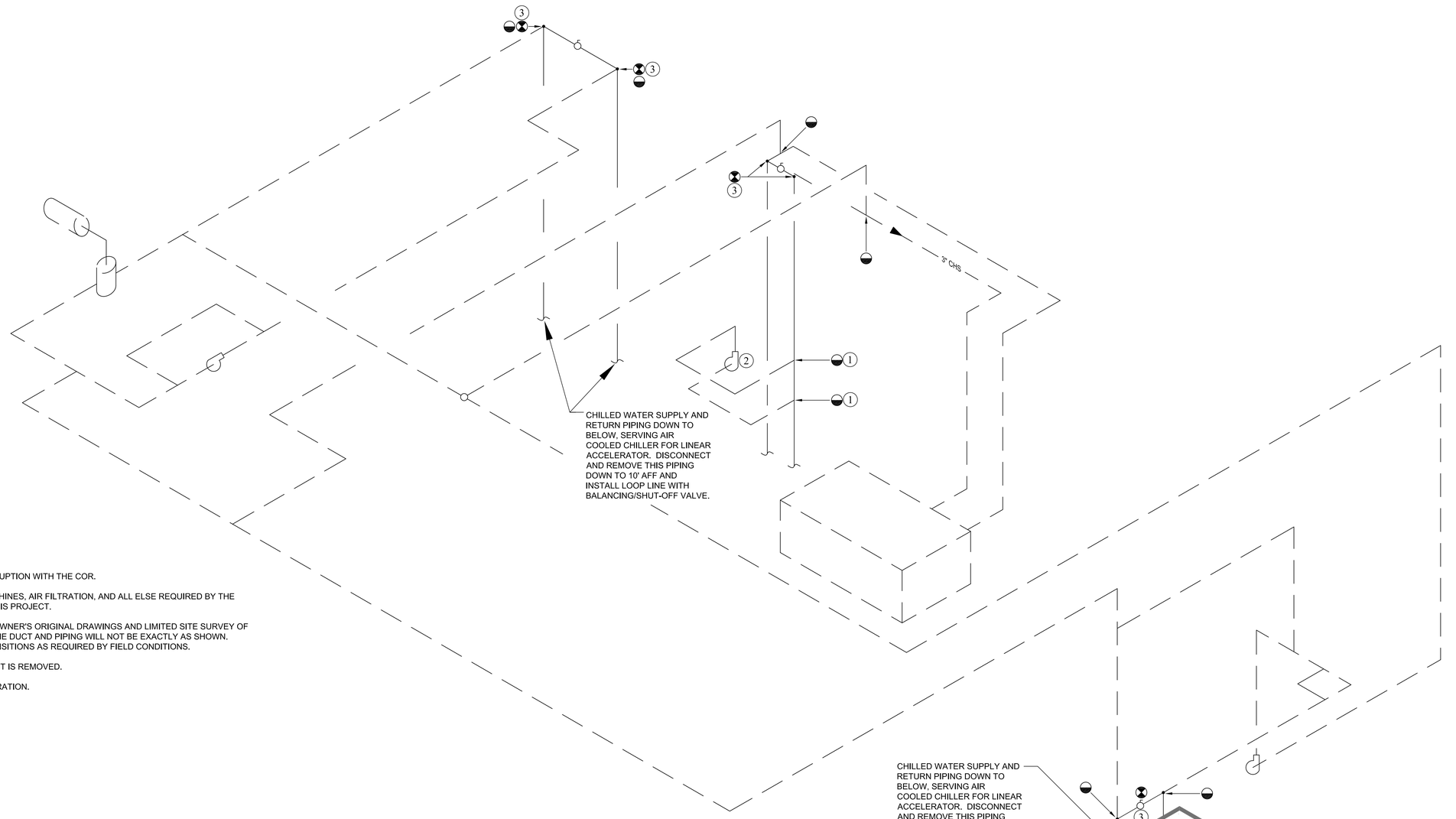
RANDY B. REECE — REGISTERED PROFESSIONAL ENGINEER — 29025 — 2-20-2025 — STATE OF MISSISSIPPI

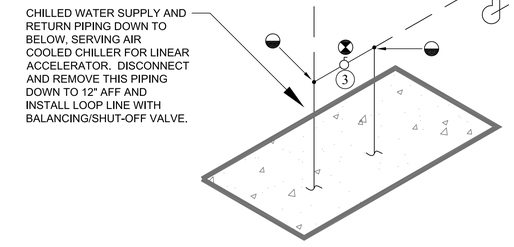
Office of Construction and Facilities Management

VA | U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR PLAN - LARGE SCALE CHILLED WATER - DEMOLITION	Phase: FINAL SUBMISSION	Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH	Project Number: 586-22-102
			Building Number: 1
Approved:	FULLY SPRINKLERED	Location: 1500 E. Woodrow Wilson Dr. Jackson, MS	Drawing Number: MD104
		Issue Date: 2-20-2025 / Checked: RBR / Drawn: RBR	6 OF 33

VA FORM 08 - 6231





GENERAL NOTES:

A. COORDINATE ALL EQUIPMENT AND UTILITY REMOVAL AND INTERRUPTION WITH THE COR.

B. CONTRACTOR TO PROVIDE DUST PARTITIONS, NEGATIVE AIR MACHINES, AIR FILTRATION, AND ALL ELSE REQUIRED BY THE OWNER AND THE INFECTION CONTROL RISK ASSESSMENT FOR THIS PROJECT.

C. ALL SYSTEMS SHOWN ON THIS DRAWING ARE TAKEN FROM THE OWNER'S ORIGINAL DRAWINGS AND LIMITED SITE SURVEY OF EXISTING SYSTEMS. CONTRACTOR TO EXPECT THAT SOME OF THE DUCT AND PIPING WILL NOT BE EXACTLY AS SHOWN. CONTRACTOR TO FIELD VERIFY AND PROVIDE OFFSETS AND TRANSITIONS AS REQUIRED BY FIELD CONDITIONS.

D. CAP AND SEAL ALL UTILITY MAINS WHEN ANY BRANCH PIPING/DUCT IS REMOVED.

E. PROTECT ALL RATED PARTITION OPENINGS DURING PROJECT DURATION.

LEGEND	
EXISTING DUCT/EQUIPMENT TO REMAIN	
EXISTING DUCT/EQUIPMENT TO BE REMOVED	
POINT OF DISCONNECT BETWEEN NEW & EXISTING UTILITY	
POINT OF RECONNECT BETWEEN NEW & EXISTING UTILITY	

NUMBERED NOTES:

1. DISCONNECT AND REMOVE EXISTING CHILLED WATER PIPING FROM EXISTING CHILLED WATER RISER BACK TO MAIN AND CAP. REMOVE ASSOCIATED PIPING SUPPORTS. COORDINATE THE REMOVAL OF PIPING WITH EXISTING CONDITIONS. COORDINATE WITH COR ON TIMING AND DURATION. PREP PIPING FOR NEW WORK AS REQUIRED.

2. DISCONNECT AND REMOVE EXISTING CHILLED WATER BOOSTER PUMP AT LOCATION SHOWN. REMOVE ALL ALLOCIATED PIPING, SUPPORTS, CONTROLS, DRIVES, ETC. ASSOCIATED WITH THIS PUMP ACCORDING TO DRAWINGS. REMOVE ASSOCIATED RAISED CONCRETE PAD AND FINISH FLOOR REPAIR PER ARCHITECTURAL REQUIREMENTS OF NEW FLOOR PLAN. COORDINATE WITH EXISTING UTILITIES AND SITE CONDITIONS.

3. CONTRACTOR TO PROVIDE AND INSTALL CHILLED WATER LOOP LINE WITH COMBINATION BALANCING/SHUT-OFF VALVE AT INDICATED LOCATION. SIZE LINE TO MATCH EXISTING.

FIRST FLOOR PLAN - LARGE SCALE MECHANICAL ROOM CHILLED WATER SCHEMATIC - DEMOLITION

SCALE: NOT TO SCALE

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

Michael G. Lachin, AIA

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NANCY B. REECE — 29025 — REGISTERED PROFESSIONAL ENGINEER — 2-20-2025 — STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA | U.S. Department of Veterans Affairs

Drawing Title: **FIRST FLOOR PLAN - LARGE SCALE MECHANICAL ROOM CHILLED WATER SCHEMATIC - DEMOLITION**

Approved:

Phase: FINAL SUBMISSION

FULLY SPRINKLERED

Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH

Location: 1500 E. Woodrow Wilson Dr. Jackson, MS

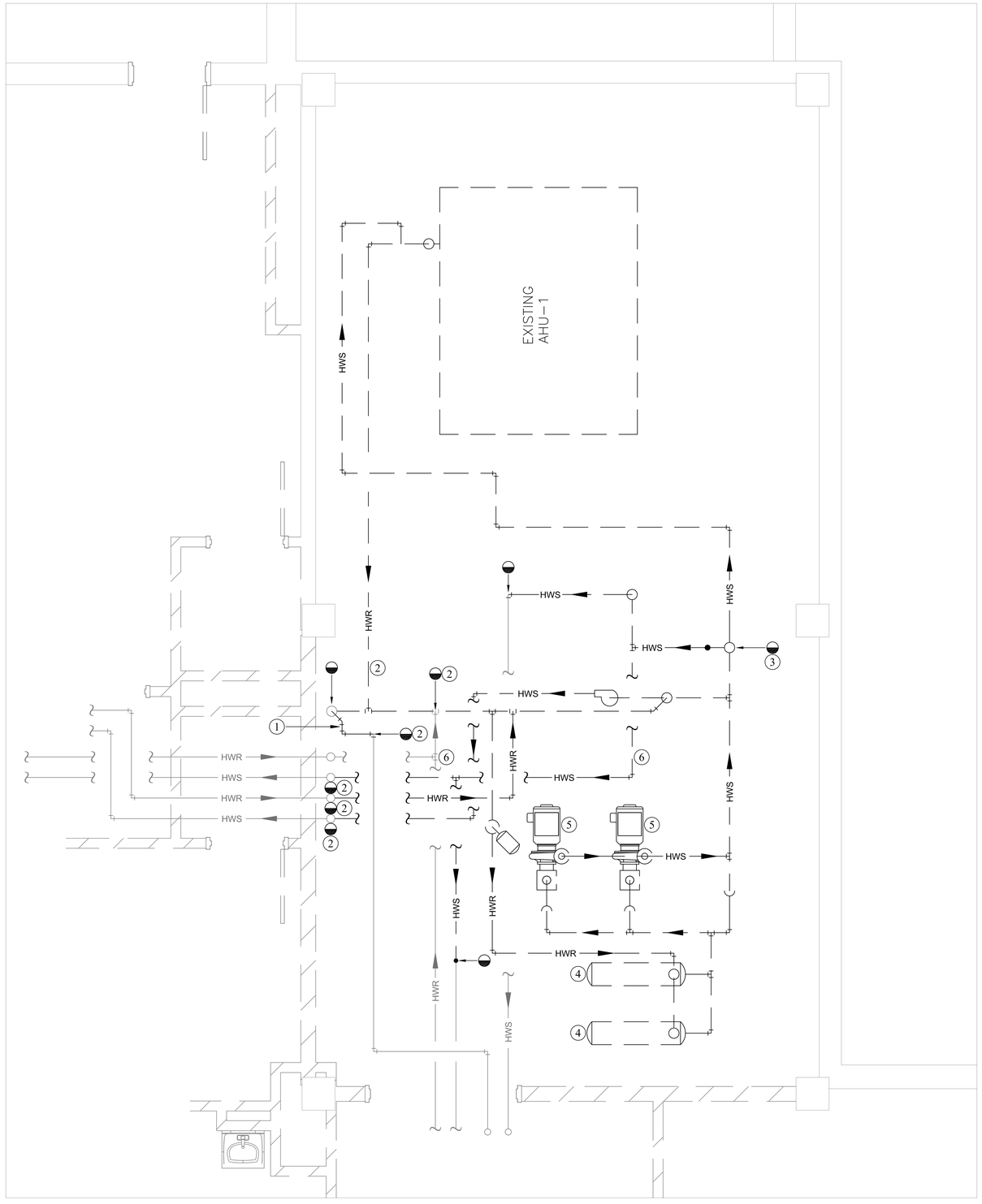
Issue Date: 2-20-2025 | Checked: RBR | Drawn: RBR

Project Number: 586-22-102

Building Number: 1

Drawing Number: MD105

VA FORM 08 - 6231



GENERAL NOTES:

A. COORDINATE ALL EQUIPMENT AND UTILITY REMOVAL AND INTERRUPTION WITH THE COR.

B. CONTRACTOR TO PROVIDE DUST PARTITIONS, NEGATIVE AIR MACHINES, AIR FILTRATION, AND ALL ELSE REQUIRED BY THE OWNER AND THE INFECTION CONTROL RISK ASSESSMENT FOR THIS PROJECT.

C. ALL SYSTEMS SHOWN ON THIS DRAWING ARE TAKEN FROM THE OWNER'S ORIGINAL DRAWINGS AND LIMITED SITE SURVEY OF EXISTING SYSTEMS. CONTRACTOR TO EXPECT THAT SOME OF THE DUCT AND PIPING WILL NOT BE EXACTLY AS SHOWN. CONTRACTOR TO FIELD VERIFY AND PROVIDE OFFSETS AND TRANSITIONS AS REQUIRED BY FIELD CONDITIONS.

D. CAP AND SEAL ALL UTILITY MAINS WHEN ANY BRANCH PIPING/DUCT IS REMOVED.

E. PROTECT ALL RATED PARTITION OPENINGS DURING PROJECT DURATION.

LEGEND	
EXISTING DUCT/EQUIPMENT TO REMAIN	
EXISTING DUCT/EQUIPMENT TO BE REMOVED	
POINT OF DISCONNECT BETWEEN NEW & EXISTING UTILITY	

NUMBERED NOTES:

1. DISCONNECT AND REMOVE EXISTING HEATING WATER PIPING FROM EXISTING HEATING WATER RISER BACK TO MAIN AND CAP. REMOVE ASSOCIATED PIPING SUPPORTS. COORDINATE THE REMOVAL OF PIPING WITH EXISTING CONDITIONS. COORDINATE WITH COR ON TIMING AND DURATION. PREP PIPING FOR NEW WORK AS REQUIRED.

2. DISCONNECT AND REMOVE EXISTING HEATING WATER PIPING BACK TO MAIN AND CAP. REMOVE ASSOCIATED PIPING SUPPORTS. COORDINATE THE REMOVAL OF PIPING WITH EXISTING CONDITIONS. COORDINATE WITH COR ON TIMING AND DURATION.

3. DISCONNECT AND REMOVE EXISTING HEATING WATER PIPING RISER FROM FROM OVERHEAD AND DOWN TO ABOVE BASEMENT LEVEL CEILING AND CAP. REMOVE ASSOCIATED PIPING SUPPORTS. COORDINATE THE REMOVAL OF PIPING WITH EXISTING CONDITIONS. SEAL FLOOR PENETRATION AIR AND WATER TIGHT. PREP PIPING FOR NEW WORK CONNECTION WITH ISOLATION VALVE AS REQUIRED. COORDINATE WITH COR ON TIMING AND DURATION.

4. DISCONNECT AND REMOVE EXISTING STEAM TO HOT WATER HEAT EXCHANGERS. REMOVE ALL ASSOCIATED SUPPORTS, PIPING, VALVES, CONTROLS, AND ELSE AT THIS LOCATION.

5. DISCONNECT AND REMOVE THE EXISTING HEATING WATER PUMPS AT THIS LOCATION. REMOVE ALL ASSOCIATED SUPPORTS, PIPING, VALVES, CONTROLS, AND ELSE AT THIS LOCATION.

6. CONTRACTOR TO COORDINATE EXISTING HEATING WATER PIPING TO REMAIN WITH NEW ARCHITECTURAL CEILING HEIGHT. CONTRACTOR WILL BE REQUIRED TO RAISE ALL HYDRONIC PIPING TO REMAIN UP TO A HEIGHT HIGH TO STRUCTURE. THIS WILL REQUIRE DISCONNECT AND RECONNECT OF MANY PIPING SECTIONS IN THIS GENERAL AREA. CONTRACTOR IS ENCOURAGED TO THOROUGHLY EXAMINE EXISTING CONDITIONS AND PREPARE FOR ANY AND ALL OFFSETS, EXTENSIONS, TRANSITIONS, AND ELSE PER THE DESIGN INTENT OF THESE DRAWINGS. THIS HEATING WATER PIPING SYSTEM HAVE MINIMAL DOWN TIME. COORDINATE WITH COR ON MODIFICATION OF THIS SYSTEM FOR RECOMMENDATIONS OF WORK TIMES AND OUTAGE DURATIONS.

FIRST FLOOR PLAN - LARGE SCALE HEATING WATER - DEMOLITION

SCALE: 1/2" = 1' - 0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E: LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013
Michael G. Lachin, AIA

STAMP

NANCY B. REECE — LICENSED PROFESSIONAL ENGINEER — 29025 — 2-20-2025 — STATE OF MISSISSIPPI

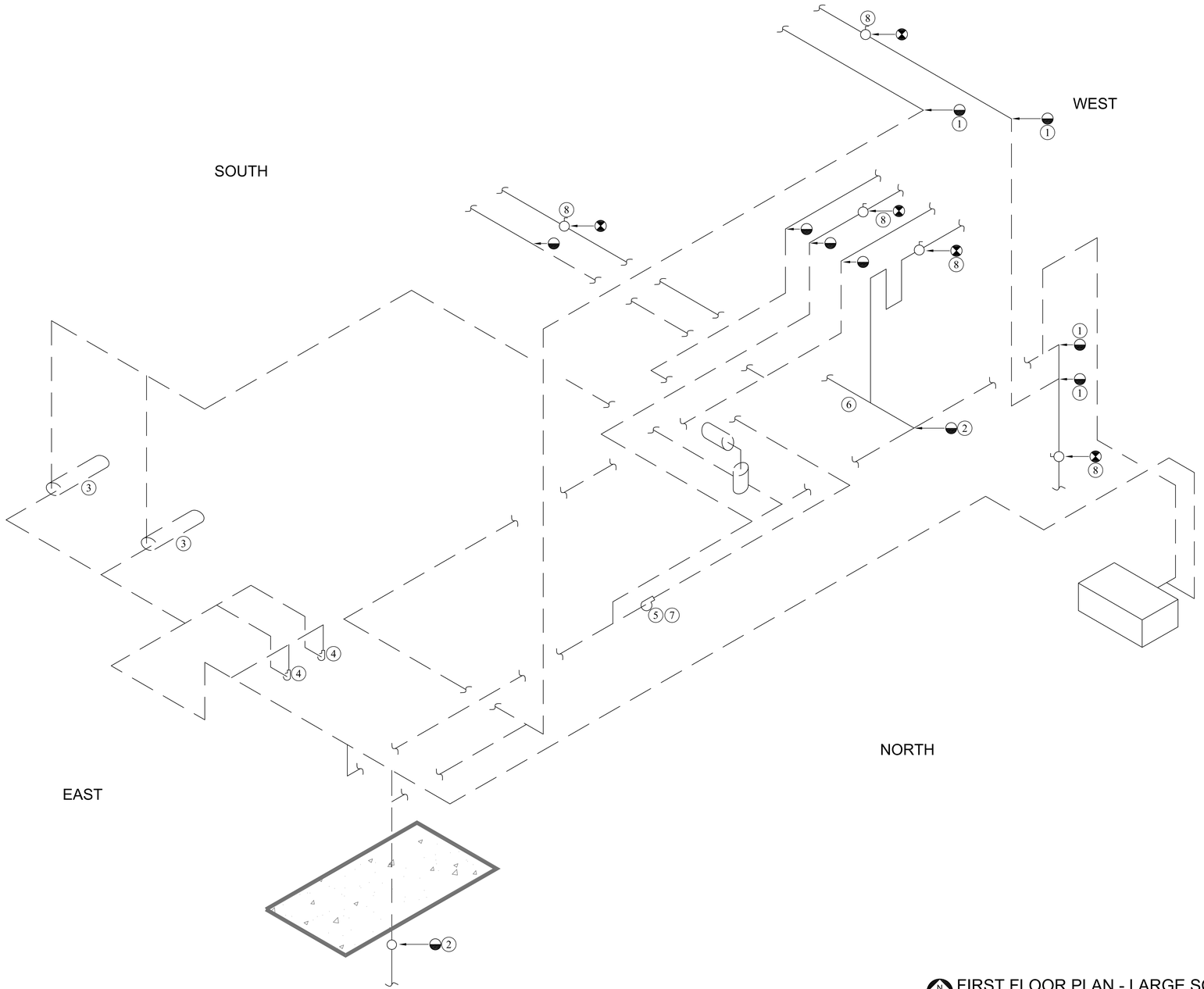
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	FIRST FLOOR PLAN - LARGE SCALE HEATING WATER - DEMOLITION
Approved:	
Phase	FINAL SUBMISSION
	FULLY SPRINKLERED
Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location	1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date	2-20-2025
Checked	RBR
Drawn	RBR
Project Number	586-22-102
Building Number	1
Drawing Number	MD106

8 OF 33

VA FORM 08 - 6231



GENERAL NOTES:

A. COORDINATE ALL EQUIPMENT AND UTILITY REMOVAL AND INTERRUPTION WITH THE COR.

B. CONTRACTOR TO PROVIDE DUST PARTITIONS, NEGATIVE AIR MACHINES, AIR FILTRATION, AND ALL ELSE REQUIRED BY THE OWNER AND THE INFECTION CONTROL RISK ASSESSMENT FOR THIS PROJECT.

C. ALL SYSTEMS SHOWN ON THIS DRAWING ARE TAKEN FROM THE OWNER'S ORIGINAL DRAWINGS AND LIMITED SITE SURVEY OF EXISTING SYSTEMS. CONTRACTOR TO EXPECT THAT SOME OF THE DUCT AND PIPING WILL NOT BE EXACTLY AS SHOWN. CONTRACTOR TO FIELD VERIFY AND PROVIDE OFFSETS AND TRANSITIONS AS REQUIRED BY FIELD CONDITIONS.

D. CAP AND SEAL ALL UTILITY MAINS WHEN ANY BRANCH PIPING/DUCT IS REMOVED.

E. PROTECT ALL RATED PARTITION OPENINGS DURING PROJECT DURATION.

LEGEND	
EXISTING DUCT/EQUIPMENT TO REMAIN	
EXISTING DUCT/EQUIPMENT TO BE REMOVED	
POINT OF DISCONNECT BETWEEN NEW & EXISTING UTILITY	

NUMBERED NOTES:

1. DISCONNECT AND REMOVE EXISTING HEATING WATER PIPING FROM EXISTING HEATING WATER RISER BACK TO MAIN AND CAP. REMOVE ASSOCIATED PIPING SUPPORTS. COORDINATE THE REMOVAL OF PIPING WITH EXISTING CONDITIONS. COORDINATE WITH COR ON TIMING AND DURATION. PREP PIPING FOR NEW WORK AS REQUIRED.
2. DISCONNECT AND REMOVE EXISTING HEATING WATER PIPING RISER FROM FROM OVERHEAD AND DOWN TO ABOVE BASEMENT LEVEL CEILING AND CAP. REMOVE ASSOCIATED PIPING SUPPORTS. COORDINATE THE REMOVAL OF PIPING WITH EXISTING CONDITIONS. SEAL FLOOR PENETRATION AIR AND WATER TIGHT. PREP PIPING FOR NEW WORK CONNECTION WITH ISOLATION VALVE AS REQUIRED. COORDINATE WITH COR ON TIMING AND DURATION.
3. DISCONNECT AND REMOVE EXISTING STEAM TO HOT WATER HEAT EXCHANGERS. REMOVE ALL ASSOCIATED SUPPORTS, PIPING, VALVES, CONTROLS, AND ELSE AT THIS LOCATION.
4. DISCONNECT AND REMOVE THE EXISTING HEATING WATER PUMPS AT THIS LOCATION. REMOVE ALL ASSOCIATED SUPPORTS, PIPING, VALVES, CONTROLS, AND ELSE AT THIS LOCATION.
5. DISCONNECT AND REMOVE THE EXISTING HEATING WATER PUMPS AT THIS LOCATION. REMOVE ALL ASSOCIATED SUPPORTS, PIPING, VALVES, CONTROLS, AND ELSE AT THIS LOCATION. PRIOR TO DISCONNECT, TAB CONTRACTOR TO MEASURE/MONITOR AND LOG EXISTING FLOW RATE. RELOCATE TO NEW LOCATION AS REQUIRED.
6. CONTRACTOR TO COORDINATE EXISTING HEATING WATER PIPING TO REMAIN WITH NEW ARCHITECTURAL CEILING HEIGHT. CONTRACTOR WILL BE REQUIRED TO RAISE ALL HYDRONIC PIPING TO REMAIN UP TO A HEIGHT HIGH TO STRUCTURE. THIS WILL REQUIRE DISCONNECT AND RECONNECT OF MANY PIPING SECTIONS IN THIS GENERAL AREA. CONTRACTOR IS ENCOURAGED TO THOROUGHLY EXAMINE EXISTING CONDITIONS AND PREPARE FOR ANY AND ALL OFFSETS, EXTENSIONS, TRANSITIONS, AND ELSE PER THE DESIGN INTENT OF THESE DRAWINGS. THIS HEATING WATER PIPING SYSTEM HAVE MINIMAL DOWN TIME. COORDINATE WITH COR ON MODIFICATION OF THIS SYSTEM FOR RECOMMENDATIONS OF WORK TIMES AND OUTAGE DURATIONS.
7. INSTALL RELOCATED HEATING WATER PUMP TO INDICATED POINT ON MH106. BALANCE SPEED TO MATCH EXISTING.
8. PROVIDE AND INSTALL CIRCUIT SETTER IN EACH HEATING WATER RETURN BRANCH LINE ENTERING EXISTING MECHANICAL ROOM. TAB CONTRACTOR TO MEASURE/MONITOR AND LOG EXISTING FLOWS IN EACH RETURN BRANCH LINE AND CALIBRATE CIRCUIT SETTER TO MATCH EXISTING.

FIRST FLOOR PLAN - LARGE SCALE MECHANICAL ROOM HEATING WATER SCHEMATIC - DEMOLITION

SCALE: 1/2" = 1' - 0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

Michael G. Lachin, AIA

STAMP

NANCY B. REECE — LICENSED PROFESSIONAL ENGINEER — 20025 — 2-20-2025 — STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR PLAN - LARGE SCALE MECHANICAL ROOM HEATING WATER SCHEMATIC - DEMOLITION

Approved:

Phase: FINAL SUBMISSION

FULLY SPRINKLERED

Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH

Location: 1500 E. Woodrow Wilson Dr. Jackson, MS

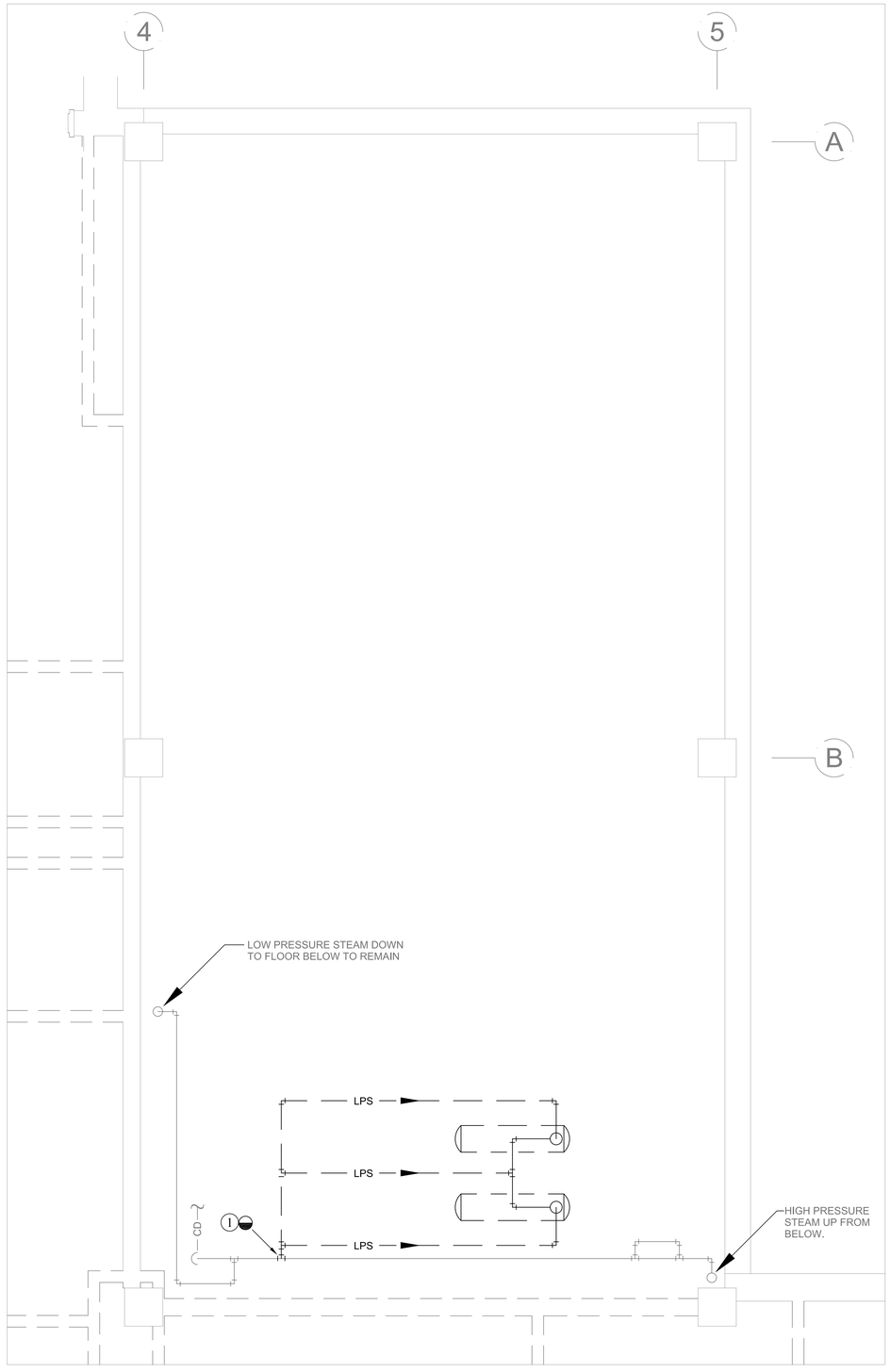
Issue Date: 2-20-2025 | Checked: RBR | Drawn: RBR

Project Number: 586-22-102

Building Number: 1

Drawing Number: MD107

VA FORM 08 - 6231



GENERAL NOTES:

A. COORDINATE ALL EQUIPMENT AND UTILITY REMOVAL AND INTERRUPTION WITH THE COR.

B. CONTRACTOR TO PROVIDE DUST PARTITIONS, NEGATIVE AIR MACHINES, AIR FILTRATION, AND ALL ELSE REQUIRED BY THE COR AND THE INFECTION CONTROL RISK ASSESSMENT FOR THIS PROJECT.

C. ALL SYSTEMS SHOWN ON THIS DRAWING ARE TAKEN FROM THE OWNER'S ORIGINAL DRAWINGS AND LIMITED SITE SURVEY OF EXISTING SYSTEMS. CONTRACTOR TO EXPECT THAT SOME OF THE DUCT AND PIPING WILL NOT BE EXACTLY AS SHOWN. CONTRACTOR TO FIELD VERIFY AND PROVIDE OFFSETS AND TRANSITIONS AS REQUIRED BY FIELD CONDITIONS.

D. CAP AND SEAL ALL UTILITY MAINS WHEN ANY BRANCH PIPING/DUCT IS REMOVED.

E. PROTECT ALL RATED PARTITION OPENINGS DURING PROJECT DURATION.

LEGEND	
EXISTING DUCT/EQUIPMENT TO REMAIN	
EXISTING DUCT/EQUIPMENT TO BE REMOVED	
POINT OF DISCONNECT BETWEEN NEW & EXISTING UTILITY	

NUMBERED NOTES:

1. DISCONNECT AND REMOVE EXISTING LOW PRESSURE STEAM PIPING BACK TO MAIN AND CAP. REMOVE ASSOCIATED PIPING SUPPORTS. COORDINATE THE REMOVAL OF PIPING WITH EXISTING CONDITIONS. COORDINATE WITH COR ON TIMING AND DURATION. PREP PIPING FOR NEW WORK AS REQUIRED.
2. DISCONNECT AND REMOVE EXISTING CONDENSATE RETURN PIPING BACK TO MAIN AND CAP. REMOVE ASSOCIATED PIPING SUPPORTS. COORDINATE THE REMOVAL OF PIPING WITH EXISTING CONDITIONS. COORDINATE WITH COR ON TIMING AND DURATION. PREP PIPING FOR NEW WORK AS REQUIRED.
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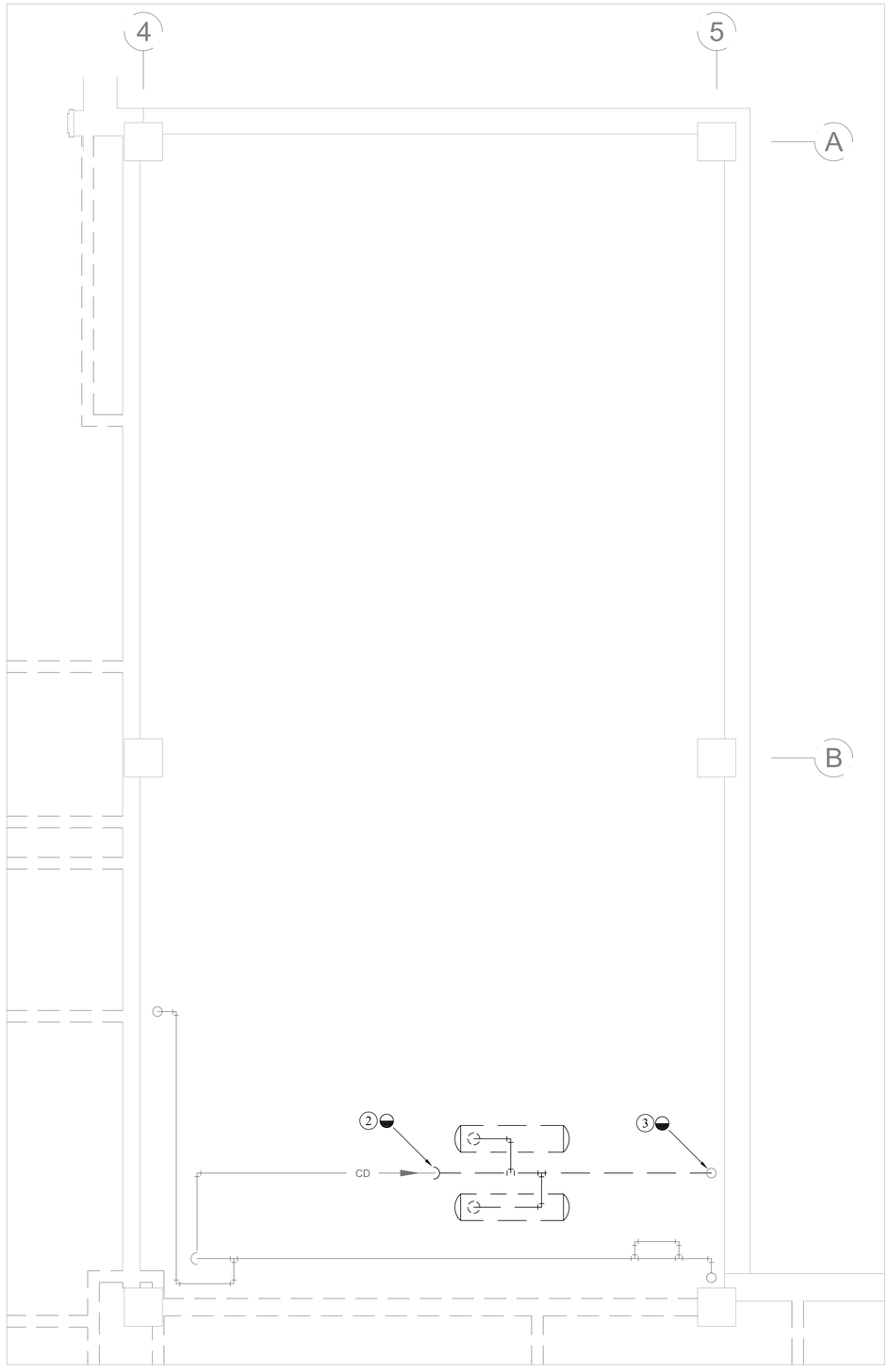

FIRST FLOOR PLAN - LARGE SCALE STEAM PIPING - DEMOLITION

SCALE: 1/2" = 1' - 0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

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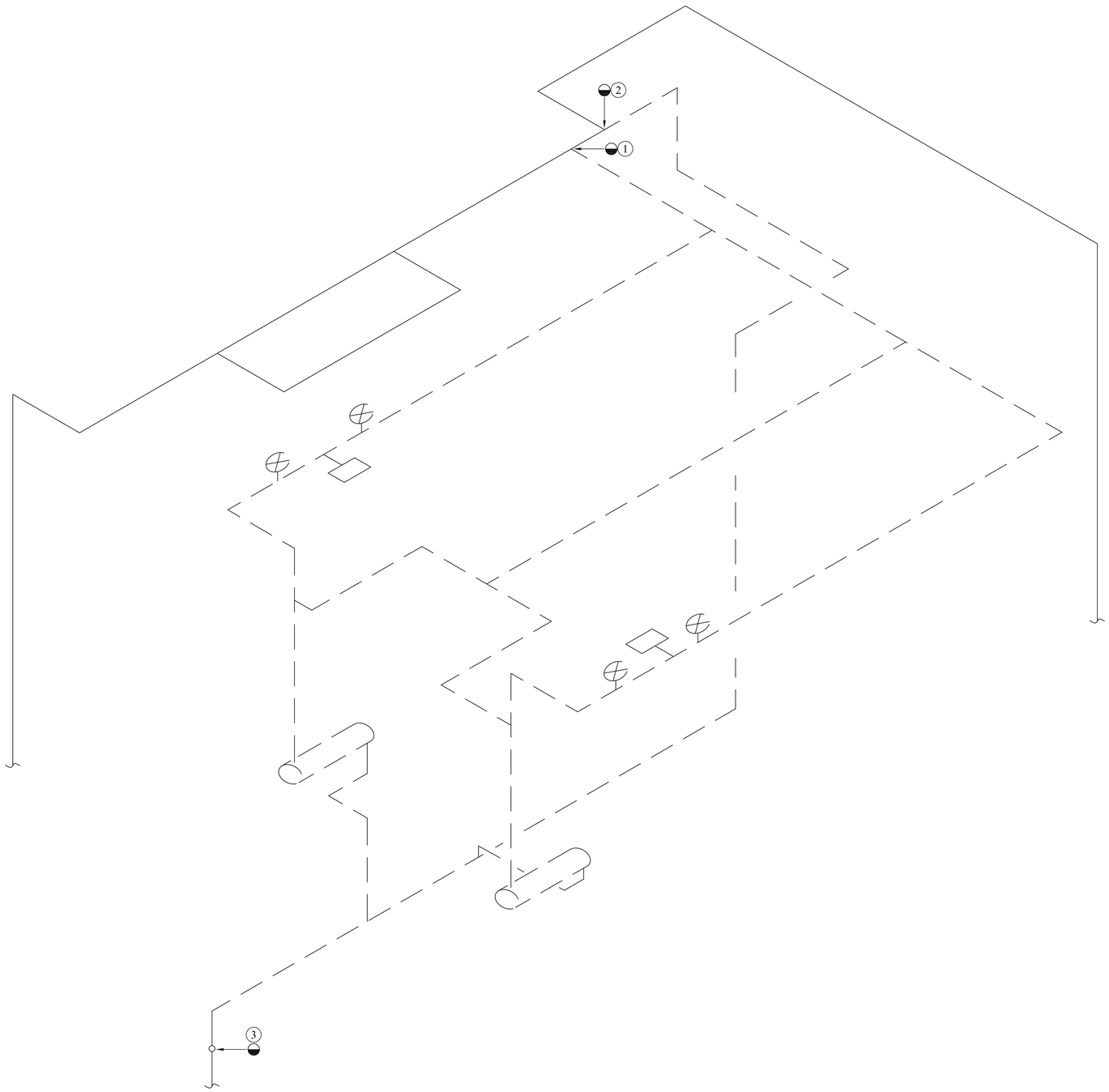
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	FIRST FLOOR PLAN - LARGE SCALE STEAM PIPIN - DEMOLITION
Approved:	
Phase	FINAL SUBMISSION
	FULLY SPRINKLERED
Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location	1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date	2-20-2025
Checked	RBR
Drawn	RBR
Project Number	586-22-102
Building Number	1
Drawing Number	MD108
	10 OF 33

VA FORM 08 - 6231



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FIRST FLOOR PLAN - LARGE SCALE MECHANICAL ROOM STEAM PIPING SCHEMATIC - DEMOLITION

SCALE: 1/2" = 1' - 0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc

Architecture . Planning . Project Management

Michael G. Lachin, AIA

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

STAMP

RANDY B. REECE REGISTERED PROFESSIONAL ENGINEER 29025 2-20-2025 STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA | U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR PLAN - LARGE SCALE MECHANICAL ROOM STEAM PIPING SCHEMATIC - DEMOLITION

Approved:

Phase: FINAL SUBMISSION

FULLY SPRINKLERED

Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH

Location: 1500 E. Woodrow Wilson Dr. Jackson, MS

Issue Date: 2-20-2025

Checked: RBR

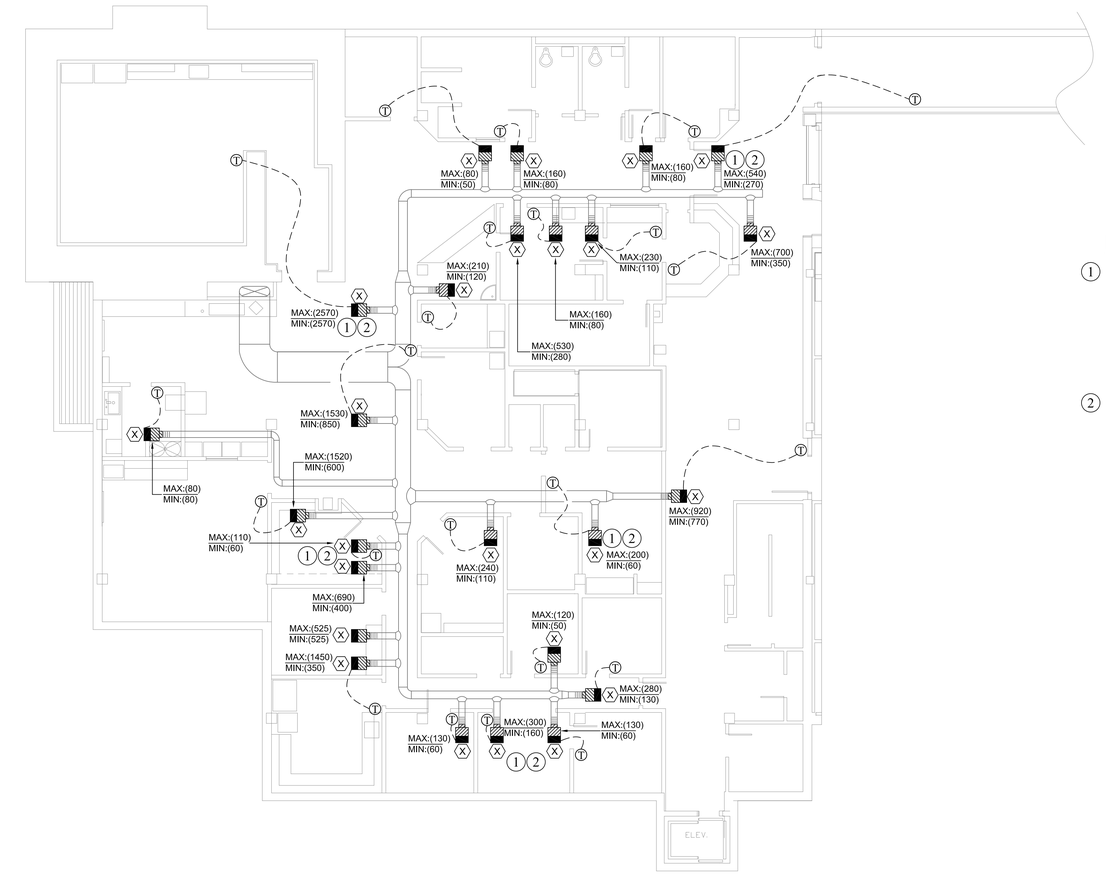
Drawn: RBR

Project Number: 586-22-102

Building Number: 1

Drawing Number: MD109

VA FORM 08 - 6231



NUMBERED NOTES:

1. CONTROLS CONTRACTOR TO PROVIDE AND INSTALL NEW DIGITAL CONTROLS FOR EXISTING AIR TERMINAL BOXES. PROVIDE AND INSTALL ALL NECESSARY CONTROLS COMPONENTS INCLUDING NEW ACTUATOR, TEMPERATURE SENSORS, CONTROLS POINTS, ETC. PER THE DESIGN INTENT OF THESE DRAWINGS. TAB CONTRACTOR TO RESET AND CALIBRATE VAV TERMINALS TO MATCH EXISTING MAX AND MIN AIRFLOW REQUIREMENTS AND BALANCE AIRFLOW ON EXISTING AIR TERMINAL BOXES TO EXISTING VALUES AS INDICATED. IT IS THE TAB CONTRACTOR'S RESPONSIBILITY TO MONITOR AND LOG EXISTING MAX AND MIN VALUES FOR EACH AIR TERMINAL BOX INDICATED. IF EXISTING VALUES DIFFER FROM WHAT IS SHOWN, PROCEED TO MATCH EXISTING LOGGED VALUES AS REQUIRED. INCORPORATE AIR TERMINAL UNITS INTO THE EXISTING ENERGY MANAGEMENT SYSTEMS WITH GRAPHIC DISPLAY OF SPACE CONDITIONS.

2. REPLACE EXISTING THERMOSTAT FOR EACH EXISTING PROVIDE AND INSTALL NEW WALL MOUNTED DIGITAL PROGRAMMABLE COMBINATION ROOM TEMPERATURE SENSOR AND RELATIVE HUMIDITY SENSOR WITH VISUAL INDICATOR. ROUTE WIRING UP IN WALL AND ABOVE CEILING AND CONNECT TO VAV CONTROLLER. MOUNT BOX AT SAME ELEVATION AS LIGHT SWITH AND LOCATE AS SHOWN. ROUTE CONTROLS WIRING OVER CEILING AND STRAP TO EXISTING UTILITIES. CONNECT DEVICES TO FACILITY ENERGY MANAGEMENT SYSTEM AND MAP POINTS TO PROVIDE GRAPHIC DISPLAY OF SPACE CONDITIONS. PROVIDE ALARM TO USER WHEN OUT OF RANGE. TYPICAL FOR ALL REHEAT COILS AND VAV AIR TERMINAL UNITS. TEMPERATURE / HUMIDITY SENSOR TO BE LOCATED IN SAME LOCATION AS EXISTING THERMOSTAT. CONTRACTOR TO PATCH, REPAIR, AND PAINT WALL TO MATCH EXISTING AT ANY LOCATION WHERE DAMAGE TO WALLS OCCUR FROM THERMOSTAT/SENSOR REPLACEMENT.

LEGEND	
EXISTING AIR TERMINAL BOX TO REMAIN. RECALIBRATE TO MATCH EXISTING AIR FLOWS.	(X)

BASEMENT FLOOR PLAN - CONTROLS - NEW WORK

SCALE: 1/8" = 1' - 0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

Michael G. Lachin, AIA

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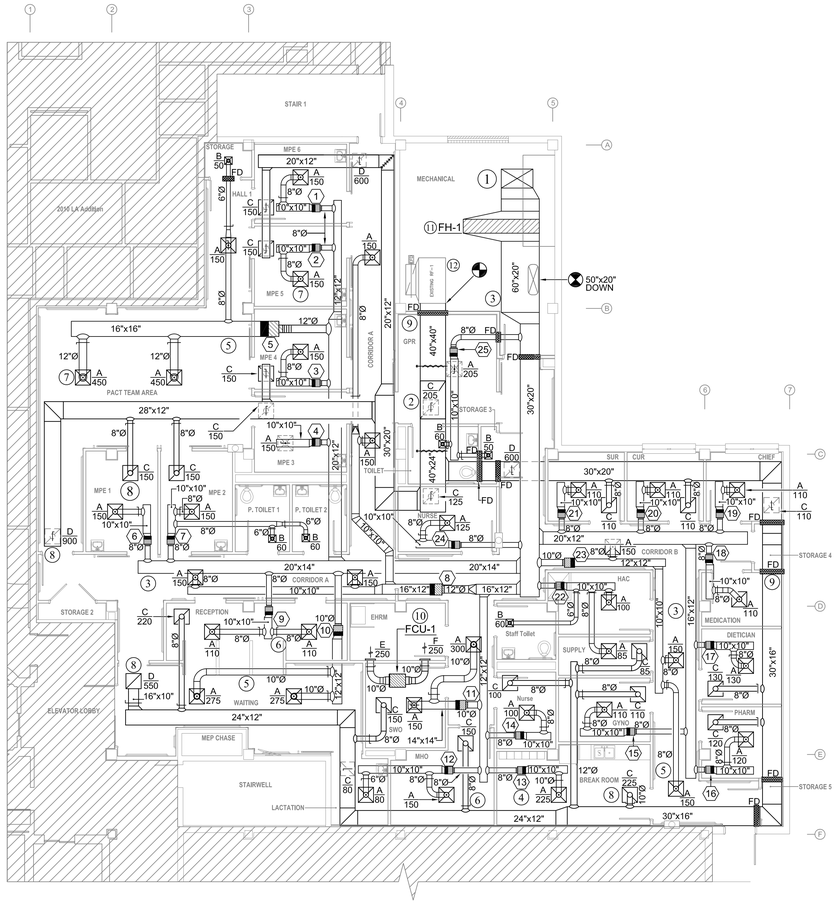
RANDY B. REECE — LICENSED PROFESSIONAL ENGINEER — 29025 — 2-20-2025 — STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA | U.S. Department of Veterans Affairs

Drawing Title	BASEMENT FLOOR PLAN - CONTROLS - NEW WORK
Approved:	
Phase	FINAL SUBMISSION
	FULLY SPRINKLERED
Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location	1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date	2-20-2025
Checked	RBR
Drawn	RBR
Project Number	586-22-102
Building Number	1
Drawing Number	MH101
	12 OF 33

VA FORM 08 - 6231



NUMBERED NOTES:

1. ROUTE NEW MEDIUM PRESSURE SUPPLY DUCT DOWN FROM PENTHOUSE ABOVE. COORDINATE PENETRATION WITH STRUCTURAL ENGINEER AS WELL AS EXISTING UTILITIES. CONTRACTOR TO MAINTAIN ARCHITECTURAL FIRE RATING THROUGH PENETRATION AS REQUIRED. SEAL PENETRATION AIR AND WATER TIGHT. ROOF/FLOOR PENETRATION(S), FLASHING, PATCHING, AND REPAIR BY CONTRACTOR. SEE LARGE SCALE DRAWINGS FOR ADDITIONAL WORK IN THIS AREA.
2. ROUTE NEW RETURN AIR DUCT DOWN FROM PENTHOUSE ABOVE. COORDINATE PENETRATION WITH STRUCTURAL ENGINEER AS WELL AS EXISTING UTILITIES. CONTRACTOR TO MAINTAIN ARCHITECTURAL FIRE RATING THROUGH PENETRATION AS REQUIRED. SEAL PENETRATION AIR AND WATER TIGHT. ROOF/FLOOR PENETRATION(S), FLASHING, PATCHING, AND REPAIR BY CONTRACTOR. SEE LARGE SCALE DRAWINGS FOR ADDITIONAL WORK IN THIS AREA.
3. PROVIDE AND INSTALL NEW MEDIUM PRESSURE SUPPLY DUCT SIZED AND ROUTED AS SHOWN. CONNECT TO NEW VAV REHEAT TERMINAL BOX ABOVE CEILING WITH TRANSITION BY CONTRACTOR. TYPICAL.
4. PROVIDE AND INSTALL NEW VAV BOX WITH HOT WATER REHEAT AND DIGITAL CONTROLS. CONNECT NEW LOW PRESSURE DUCT TO VAV DISCHARGE AND ROUTE AS SHOWN. TYPICAL ALL LOCATIONS. SEE VAV INSTALLATION DETAIL.
5. PROVIDE AND INSTALL NEW LOW PRESSURE SUPPLY DUCT SIZED AND ROUTED AS SHOWN. CONNECT TO NEW VARIABLE AIR VOLUME REHEAT TERMINAL BOX ABOVE CEILING WITH TRANSITION BY CONTRACTOR. TYPICAL
6. PROVIDE AND INSTALL MANUAL BALANCING DAMPERS AT ALL BRANCH DUCT LOCATIONS SHOWN. ALL TYPICAL.
7. PROVIDE AND INSTALL NEW CEILING MOUNTED SUPPLY AIR DIFFUSERS IN LOCATIONS SHOWN. CONNECT TO NEW DUCT AS REQUIRED. COORDINATE WITH ARCHITECT REFLECTED CEILING LAYOUT. ALL TYPICAL.
8. PROVIDE AND INSTALL CUBE CORE RETURN AIR GRILLES IN CEILING AT LOCATIONS SHOWN ALL TYPICAL. SEE GRILLE SCHEDULE FOR SIZES.
9. CONTRACTOR TO INSTALL NEW AUTOMATIC 1 ½ hr FIRE DAMPER AT LOCATION SHOWN. DAMPER TO BE PROVIDED WITH END SWITCHES. CONNECT END SWITCH DEVICE TO FACILITY ENERGY MANAGEMENT SYSTEM AND MAP POINT(S) TO PROVIDE GRAPHIC DISPLAY OF DAMPER POSITION. ALARM USER WHEN DAMPER IS CLOSED. TYPICAL. SEE DETAIL.
10. PROVIDE AND INSTALL NEW HORIZONTAL DUCTED FAN COIL UNIT CONCEALED ABOVE CEILING AS SHOWN. SUPPORT FROM STRUCTURE ABOVE. CONNECT NEW HORIZONTAL SUPPLY AND RETURN AIR DUCT TO UNIT AND ROUTE AS SHOWN. PROVIDE PROGRAMMABLE UNIT CONTROLLER WITH DIGITAL THERMOSTAT AND VALVE ACTUATORS. LOCAL THERMOSTAT TO OPERATE VALVES IN INVERSE PROPORTION TO MAINTAIN SPACE TEMPERATURE SETPOINT. TYPICAL.
11. CONTRACTOR TO PROVIDE NEW MANUFACTURER'S FINAL FILTER BOX FOR EXTERNALLY MOUNTED MERV 16 FINAL FILTERS. TRANSITION DUCT TO BOX AS REQUIRED AND SEAL AIRTIGHT. SUPPORT BOX FROM STRUCTURE ABOVE. FILTER RACK MUST ALLOW ADJUSTMENT TO PROVIDE AIR TIGHT SEAL WITH NO BYPASS AT FILTERS. INSULATE EXTERIOR OF BOX SAME AS DUCT. SEE ELEVATION DETAILS OF AIR HANDLER.
12. TAB AGENT TO MONITOR, LOG, AND BALANCE EXISTING RETURN AIR FLOW TO MATCH EXISTING AND REPORT BACK TO OWNER AND ENGINEER ANY DIFICIENCIES OBSERVED. BALANCE TO WITHIN +10% AND -10% PER DESIGN DOCUMENTS.

LEGEND	
EXISTING DUCT/EQUIPMENT TO REMAIN	
NEW SUPPLY AIR DUCT	
NEW RETURN AIR DUCT	
FIRE SMOKE DAMPER	F/SD
FIRE DAMPER	FD
12"x12" RETURN/EXHAUST CEILING GRILLE	
24"x24" RETURN/EXHAUST CEILING GRILLE	
24"x24" SUPPLY CEILING DIFFUSER	
POINT OF CONNECTION BETWEEN NEW AND EXISTING UTILITY	

FIRST FLOOR PLAN - HVAC - NEW WORK

SCALE: 1/8" = 1' - 0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E: LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013
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STAMP

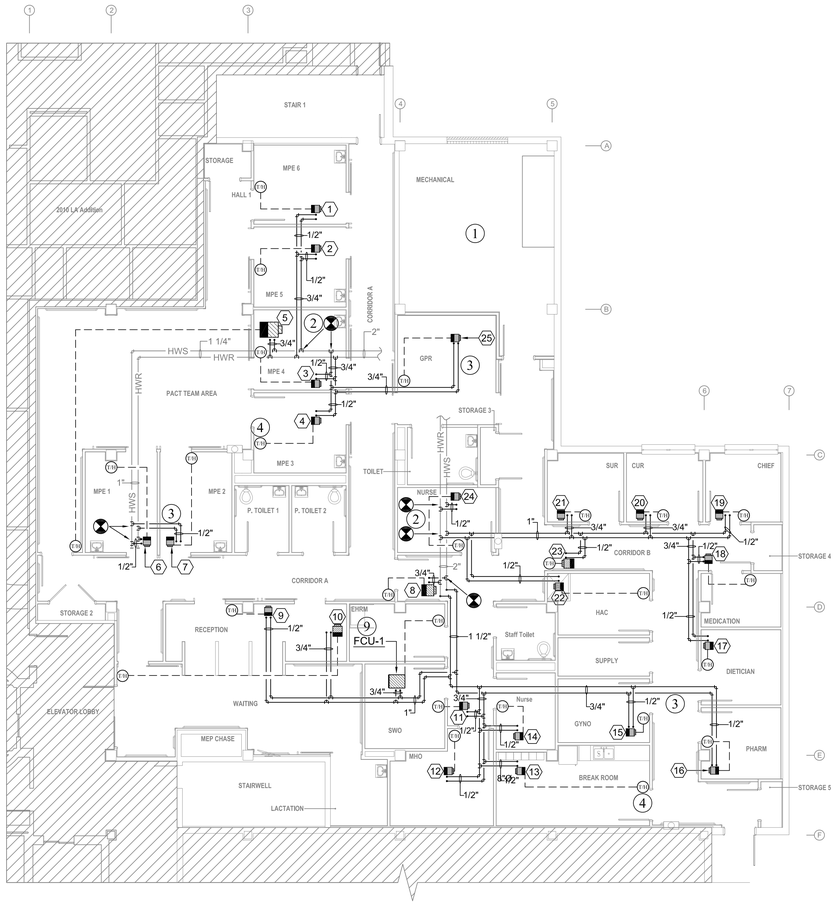
BRANDY B. REECE — REGISTERED ARCHITECT — 29025 — 2-20-2025 — STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR PLAN - HVAC - NEW WORK	Phase: FINAL SUBMISSION	Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH	Project Number: 586-22-102
Approved:	FULLY SPRINKLERED	Location: 1500 E. Woodrow Wilson Dr. Jackson, MS	Building Number: 1
		Issue Date: 2-20-2025 / Checked: RBR / Drawn: RBR	Drawing Number: MH102 — 13 OF 33

VA FORM 08 - 6231



NUMBERED NOTES:

1. SEE LARGE SCALE MH106 FOR DETAILED WORK IN THIS AREA.
2. ROUTE HEATING WATER PIPING FROM EXISTING MAIN(S) TO NEW VAV REHEAT COIL CONNECTIONS ABOVE FIRST FLOOR CEILING. ROUTE HIGH TO BOTTOM OF STRUCTURE ABOVE CEILING. ALL TYPICAL.
3. ROUTE NEW TYPE L COPPER HEATING WATER PIPE ABOVE CEILING TO VAV REHEAT COIL CONNECTIONS AS SHOWN. TYPICAL ALL LOCATIONS. SEE REHEAT COIL PIPING DETAIL.
4. PROVIDE AND INSTALL NEW WALL MOUNTED DIGITAL PROGRAMMABLE COMBINATION ROOM TEMPERATURE SENSOR AND RELATIVE HUMIDITY SENSOR WITH VISUAL INDICATOR. ROUTE WIRING UP IN WALL AND ABOVE CEILING AND CONNECT TO VAV CONTROLLER. MOUNT BOX AT SAME ELEVATION AS LIGHT SWITH AND LOCATE AS SHOWN. ROUTE CONTROLS WIRING OVER CEILING AND STRAP TO EXISTING UTILITIES. CONNECT DEVICES TO FACILITY ENERGY MANAGEMENT SYSTEM AND MAP POINTS TO PROVIDE GRAPHIC DISPLAY OF SPACE CONDITIONS. PROVIDE ALARM TO USER WHEN OUT OF RANGE. TYPICAL FOR ALL VAV AIR TERMINAL UNITS.
5. ROUTE NEW 4" CHILLED WATER PIPING FROM EXISTING 6" PIPING IN CRAWL SPACE BELOW. SUPPORT FROM CRAWL SPACE STRUCTURE ABOVE. ROUTE PIPING IN CRAWLSPACE OVER TO EXISTING CHASE AND UP TO ABOVE CEILING AT FIRST FLOOR LEVEL. FLOOR PENETRATIONS TO BE NEATLY CORED AND TO BE SEALED AIR AND WATER TIGHT AND IN A MANNER TO MAINTAIN STRUCTURAL INTEGRITY AS WELL AS ARCHITECTURAL FLOOR RATING. COORDINATE ROUTING WITH EXISTING UTILITIES. ANY DISRUPTION TO OCCUPIED AREAS MUST BE COMMUNICATED TO AND APPOVED BY COR. ANY WALL MODIFICATIONS ON OCCUPIED LEVEL MOST BE REPAIRED BY CONTRACTOR TO MATCH EXISTING. THIS INCLUDES, BUT ISN'T LIMITED TO, PAINTING, PATCHING, GENERAL REPAIR, CLEANUP, ETC.
6. ROUTE CHILLED WATER PIPING FROM RISER ABOVE CEILING AS SHOWN. ROUTE HIGH TO BOTTOM OF STRUCTURE AND SUPPORT AS REQUIRED. ALL TYPICAL.
7. CHILLED WATER PIPING THROUGH WALL AT LOCATION SHOWN . SLEEVE PIPE PENETRATIONS AT WALL WITH GALVANIZED PIPE SLEEVES. SEAL PENETRATIONS AIR AND WATER TIGHT TO PREVENT WATER INTRUSION. RISE UP HIGH TO STRUCTURE IN MECHANICAL ROOM. CONTINUE PIPE ROUTING ABOVE CEILING AS SHOWN. COORDINATE WITH ALL UTILITIES AND TRADES AS NECESSARY.
8. ROUTE NEW 4" CHILLED WATER PIPING FROM MECHANICAL ROOM UP TO PENTHOUSE ABOVE. FLOOR PENETRATIONS TO BE NEATLY CORED AND TO BE SEALED AIR AND WATER TIGHT AND IN A MANNER TO MAINTAIN STRUCTURAL INTEGRITY AS WELL AS ARCHITECTURAL FLOOR RATING. IN PENTHOUSE, CONTINUE TO NEW AIR HANDLER AHU-1 WITH LUG TYPE BUTTERFLY VALVE FOR ISOLATION. SEE LARGE SCALE PENTHOUSE PLAN AND CHILLED WATER COIL DETAIL(S) FOR MORE INFORMATION. CONTRACTOR IS STRONGLY ENCOURAGED TO THOROUGHLY EXAMINE EXISTING CONDITIONS AND UTILITIES AND MODIFY/PLAN ACCORDINGLY TO ACHIEVE THE DESIRED RESULT BASED ON THE DESIGN INTENT OF THESE DRAWINGS.
9. ROUTE NEW HEATING AND CHILLED WATER PIPING ABOVE CEILING TO NEW FAN COIL UNIT. PROVIDE BALL TYPE SHUT OFF VALVES AT CONNECTION POINT AT EXISTING PIPING. SEE COIL PIPING DETAILS FOR OTHER REQUIREMENTS.

FIRST FLOOR PLAN - HEATING & CHILLED WATER - NEW WORK

SCALE: 1/8" = 1' - 0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E: LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013
Michael G. Lachin, AIA

STAMP

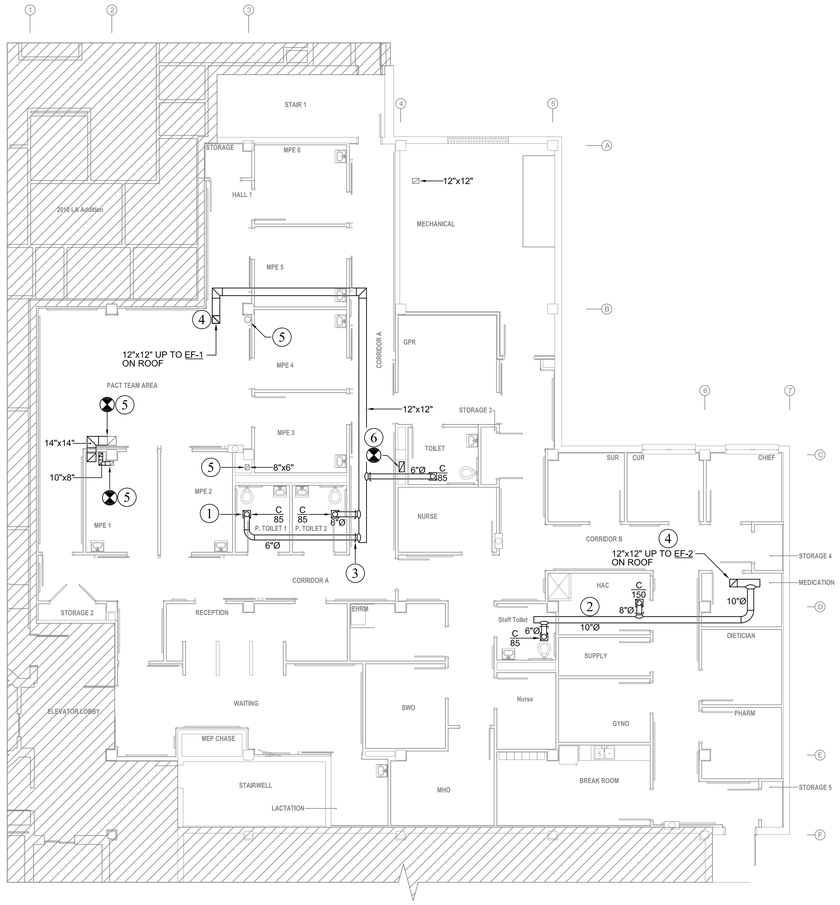
RANDY B. REESE — LICENSED PROFESSIONAL ENGINEER — 29025 — 2-20-2025 — STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA | U.S. Department of Veterans Affairs

Drawing Title	FIRST FLOOR PLAN - HEATING & CHILLED WATER - NEW WORK
Approved:	
Phase	FINAL SUBMISSION
	FULLY SPRINKLERED
Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location	1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date	2-20-2025
Checked	RBR
Drawn	RBR
Project Number	586-22-102
Building Number	1
Drawing Number	MH103
	14 OF 33

VA FORM 08 - 6231



NUMBERED NOTES:

1. PROVIDE AND INSTALL NEW CUBE CORE EXHAUST AIR GRILLES IN CEILING AT LOCATIONS SHOWN. SEE GRILLE SCHEDULE FOR SIZES. TYPICAL ALL LOCATIONS.
2. PROVIDE AND INSTALL NEW LOW PRESSURE EXHAUST DUCT ROUTED ABOVE CEILING AS SHOWN.
3. PROVIDE AND INSTALL MANUAL BALANCING DAMPERS AT ALL BRANCH DUCT LOCATIONS SHOWN. ALL TYPICAL.
4. ROUTE NEW 12"x12" LOW PRESSURE EXHAUST DUCT ABOVE CEILING AND UP TO ROOF MOUNTED EXHAUST FAN AT LOCATION SHOWN. COORDINATE WITH EXISTING UTILITIES. DESING INTENT IS TO ROUTE NEW EXHAUST AIR DUCT, PROPERLY SIZED, TO MATCH EXISTING DUCT ROUTING THAT WAS REMOVED PER SHEET MD103. MAINTAIN EXISTING FLOOR RATING AND REPLACE FIRE RATED DAMPERS WHERE APPLICABLE. INSTALL PER MANUFACTURER'S INSTALLATION REQUIREMENTS. COORDINATE INSTALLATION WITH GENERAL CONTRACTOR. BALANCE TO QUANTITY OF EXHAUST AIR PER SCHEDULE. FAN SUPPORTS, DUCT CONNECTIONS, ROOF PENETRATION, FLASHING, PATCHING, AND REPAIR OF ROOF BY CONTRACTOR.
5. EXISTING EXHAUST DUCT UP FROM FLOOR BELOW AND EXTENDED UP TO ROOF ABOVE. THIS DUCT IS TO REMAIN IN SERVICE. PROVIDE OFFSETS AS/IF REQUIRED BELOW THE FLOOR AND ABOVE THE CEILING PER NEW ARCHITECTURAL WALL LAYOUT. COORDINATE WITH EXISTING UTILITIES. VERIFY EXACT LOCATION ON SITE AND MODIFY AS REQUIRED PER THE DESIGN INTENT OF THESE DRAWINGS. MAINTAIN EXISTING FLOOR RATING AND REPLACE FIRE RATED DAMPERS WHERE APPLICABLE. FIELD VERIFY.
6. EXISTING 12"x12" EXHAUST DUCT UP FROM FLOOR BELOW AND EXTENDED UP TO ROOF ABOVE. MODIFY 12"x12" DIMENSION TO 16"x8" ABOVE BASEMENT CEILING AND OFFSET INTO NEW ARCHITECTURAL CHASE AND RISE UP TO ABOVE FIRST FLOOR CEILING, THEN TRANSITION BACK TO 12"x12" AND RECONNECT TO EXISTING TO MAINTAIN EXISTING PATH TO ROOF. THIS DUCT IS TO REMAIN IN SERVICE. COORDINATE WITH EXISTING UTILITIES. VERIFY EXACT LOCATION ON SITE AND MODIFY AS REQUIRED PER THE DESIGN INTENT OF THESE DRAWINGS. MAINTAIN EXISTING FLOOR RATING AND REPLACE FIRE RATED DAMPERS WHERE APPLICABLE. FIELD VERIFY.

FIRST FLOOR PLAN - EXHAUST - NEW WORK

SCALE: 1/8" = 1' - 0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LA LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013
Michael G. Lachin, AIA

STAMP

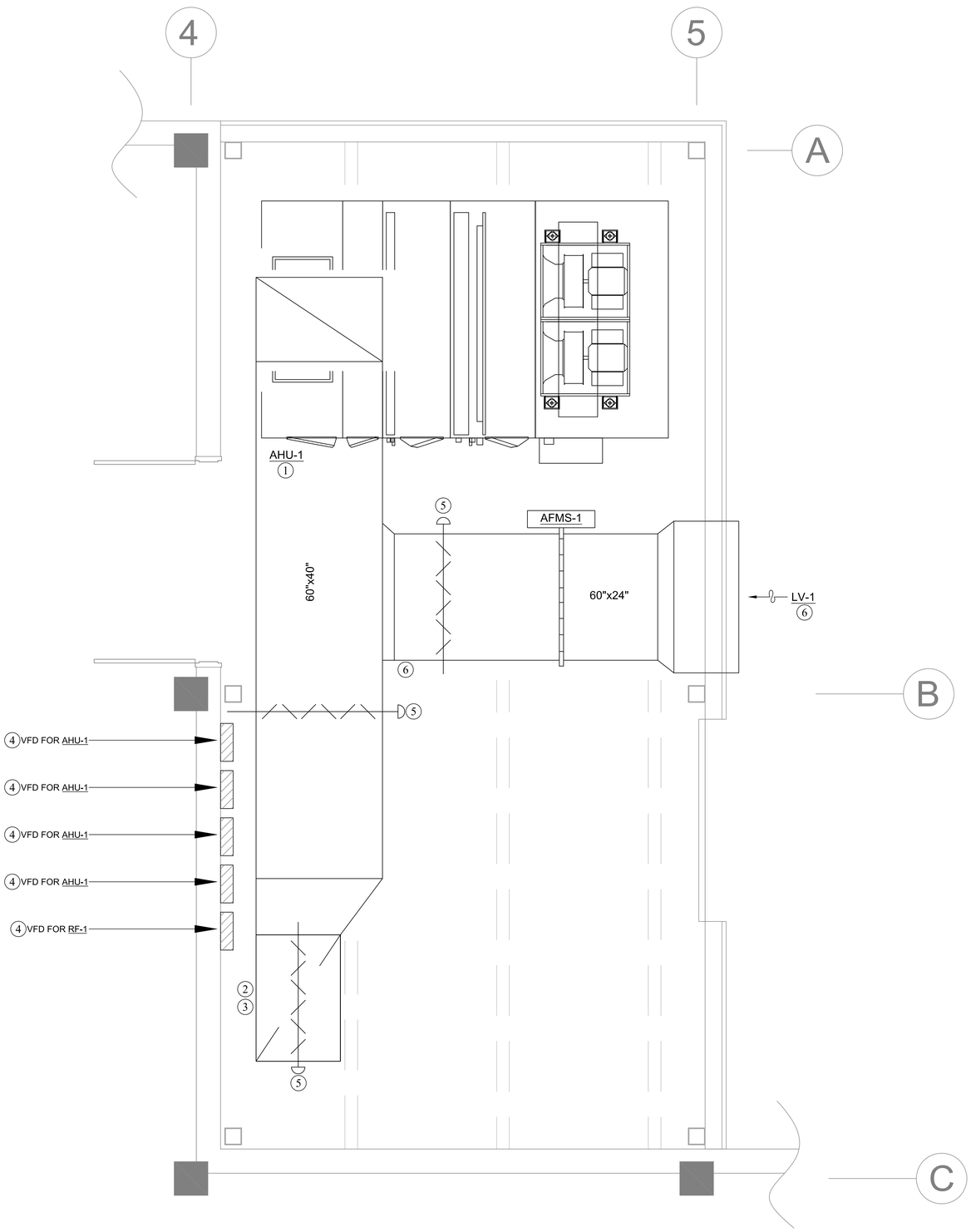
RANDY B. REECE — 29025 — 2-20-2025 — STATE OF MISSISSIPPI — REGISTERED PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA | U.S. Department of Veterans Affairs

Drawing Title	FIRST FLOOR PLAN - EXHAUST - NEW WORK
Approved:	
Phase	FINAL SUBMISSION
	FULLY SPRINKLERED
Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location	1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date	2-20-2025
Checked	RBR
Drawn	RBR
Project Number	586-22-102
Building Number	1
Drawing Number	MH104
	15 OF 33

VA FORM 08 - 6231



NUMBERED NOTES:

1. PROVIDE NEW HORIZONTAL AIR HANDLER COMPLETE WITH PREHEAT COIL, CHILLED WATER COIL, FAN, MOTOR, VFD, DAMPERS, CONTROLS, AND ALL ELSE AS SCHEDULED AND SPECIFIED. INSTALL ON MINIMUM 4" HIGH REINFORCED CONCRETE EQUIPMENT PAD AND 6" MANUFACTURER'S CONTINUOUS BASE RAIL. PROVIDE ALL DUCT, PIPE, CONTROLS, AND ELECTRICAL CONNECTIONS AS SHOWN AND REQUIRED.
2. ROUTE NEW 60"x40" RETURN AIR DUCT DOWN FROM PENTHOUSE TO ABOVE CEILING OF FIRST FLOOR. COORDINATE PENETRATION WITH STRUCTURAL ENGINEER AS WELL AS EXISTING UTILITIES. CONTRACTOR TO MAINTAIN ARCHITECTURAL FIRE RATING THROUGH PENETRATION AS REQUIRED. SEAL PENETRATION AIR AND WATER TIGHT. ROOF/FLOOR PENETRATION(S), FLASHING, PATCHING, AND REPAIR BY CONTRACTOR.
3. ROUTE EXHAUST/RELIEF AIR DUCT UP TO ROOF MOUNTED EXHAUST/RELIEF FAN AT LOCATION SHOWN. SEE STRUCTURAL DRAWINGS FOR FAN SUPPORT. SEE SHEET MH308 FOR CONTINUATION OF RELIEF AIR DUCT UP THROUGH ROOF. ROOF PENETRATION, ROOF CURB, FLASHING, PATCHING, AND REPAIR OF ROOF BY CONTRACTOR.
4. PROVIDE AND INSTALL NEW VARIABLE FREQUENCY MOTOR DRIVES (ONE PER FAN) AND SUPPORT WITH DEDICATED UNISTRUT RACKS AS SHOWN.
5. PROVIDE AND INSTALL NEW LOW LEAKAGE AUTOMATIC RETURN/RELIEF/OUTSIDE AIR CONTROL DAMPER IN DUCT(S) WITH EXTENDED SHAFT. INSTALL MODULATING DIGITAL ACTUATOR. SEE MH308 FOR DETAILED INFORMATION AND ADDITIONAL CONTROL DRAWINGS FOR SEQUENCE. TYPICAL ALL LOCATIONS SHOWN.
6. CONTRACTOR TO ROUTE NEW 60"x24" OUTSIDE AIR DUCT FROM RETURN DUCT ALONG PENTHOUSE STRUCTURE TO INTAKE LOUVER. PROVIDE DUCT SUPPORTS AS REQUIRED. PROVIDE AND INSTALL FIXED BLADE, EXTRUDED ALUMINUM, DRAINABLE, EXTERIOR WALL LOUVER AT OPENING WITH EXPANDED METAL BIRD SCREEN SIZED AS SHOWN. BALANCE TO QUANTITY OF OUTSIDE AIR PER SCHEDULE. HOLD HIGH AS POSSIBLE AT LOCATION OF LOUVER. CONTRACTOR PROVIDE PENETRATION. SEAL PERIMETER OF LOUVER AT OPENING WITH MATCHING MORTAR OR GROUT. COORDINATE WITH STRUCTURAL PRIOR TO PENETRATING CONCRETE STRUCTURE.

LARGE SCALE PENTHOUSE HVAC - NEW WORK
SCALE: 1/2" = 1' - 0"

Revisions:	Date:

CONSULTANT
Consultant:

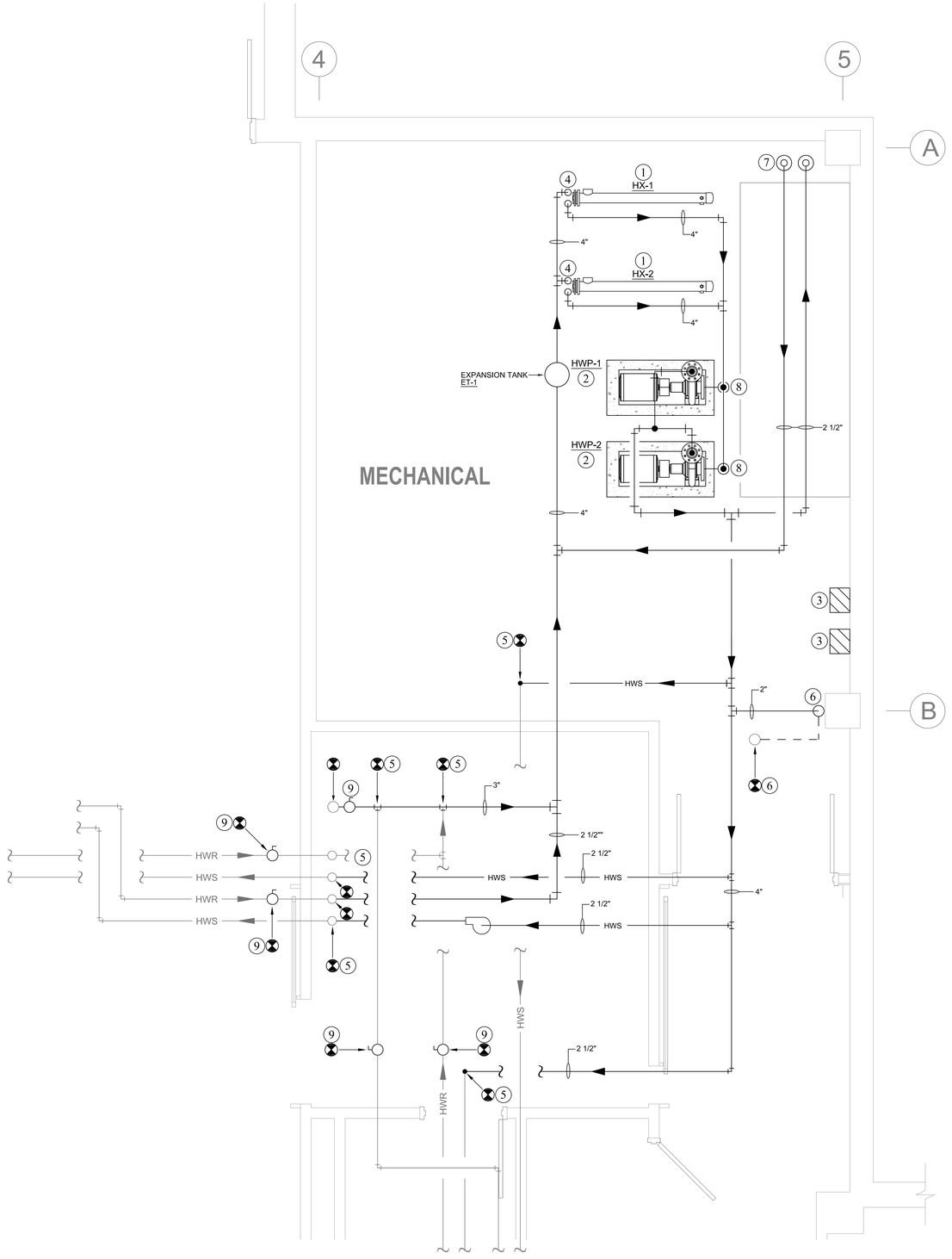
ARCHITECT/ENGINEER OF RECORD
A/E:
LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013
Michael G. Lachin, AIA

STAMP
RANDY B. REESE
LICENSED PROFESSIONAL ENGINEER
20025
2-20-2025
STATE OF MISSISSIPPI

Office of Construction and Facilities Management
VA | U.S. Department of Veterans Affairs

Drawing Title: LARGE SCALE PENTHOUSE HVAC - NEW WORK	Phase: FINAL SUBMISSION	Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH	Project Number: 586-22-102
Approved:	FULLY SPRINKLERED	Location: 1500 E. Woodrow Wilson Dr. Jackson, MS	Building Number: 1
		Issue Date: 2-20-2025 / Checked: RBR / Drawn: RBR	Drawing Number: MH105
			16 OF 33

VA FORM 08 - 6231



NUMBERED NOTES:

1. PROVIDE AND INSTALL STEAM TO HOT WATER HEAT EXCHANGER AT LOCATIONS SHOWN. INSTALL EQUIPMENT AND COMPLETE ALL PIPING CONNECTIONS PER MANUFACTURER'S INSTALLATION REQUIREMENTS. PROVIDE AND INSTALL SAFETY RELIEF VALVE, DRAINS, ELECTRICAL POWER (DIV 26), CONTROLS, AND ADDITIONAL COMPONENTS PER DETAIL AND PER MANUFACTURER'S RECOMMENDATIONS AS REQUIRED. TYPICAL.
2. PROVIDE AND INSTALL NEW HORIZONTAL HEATING WATER PUMPS WITH STEEL BASE FRAME, SUCTION DIFFUSER, AND TRIPLE DUTY VALVE ON A 4" HIGH REINFORCED CONCRETE EQUIPMENT PAD. PUMP BASE SHALL BE GROUTED BY MECHANICAL CONTRACTOR. CONTRACTOR WILL PROVIDE LASER SHAFT ALIGNMENT CONTRACTOR. MECHANICAL CONTRACTOR SHALL PROVIDE LABOR FOR ANY NECESSARY FOUNDATION OR PIPING ADJUSTMENTS TO PREVENT MOMENT FORCES PLACED ON PUMP IMPELLER. ALLOW TWO FEET BETWEEN EACH PUMP FOR ACCESS. SEE PIPING DETAIL. SEE EQUIPMENT SCHEDULE FOR CONFIGURATION. PROVIDE ALL POWER, CONTROL, PIPING CONNECTIONS AS REQUIRED AND DETAILED.
3. PROVIDE AND INSTALL NEW VARIABLE FREQUENCY MOTOR DRIVES FOR THE NEW HEATING WATER PUMP AND SUPPORT WITH DEDICATED UNISTRUT RACKS AS SHOWN.
4. ROUTE HEATING WATER INLET/OUTLET PIPING AT BACK OF EQUIPMENT AND CONNECT AT FITTING AS SHOWN BY MANUFACTURER'S CUT SHEETS. SUPPORT VERTICAL PIPE SO NOT TO REST ON HEAT EXCHANGER FITTING. SEE HEAT EXCHANGER INSTALLATION AND PIPING DETAIL.
5. ROUTE NEW TYPE L COPPER HEATING WATER PIPE HIGH TO STRUCTURE AND CONNECT TO EXISTING AS REQUIRED.
6. ROUTE NEW HEATING WATER PIPING, SIZED TO MATCH EXISTING, FROM MECHANICAL ROOM DOWN TO BASEMENT LEVEL BELOW. FLOOR PENETRATIONS TO BE NEATLY CORED AND TO BE SEALED AIR AND WATER TIGHT AND IN A MANNER TO MAINTAIN STRUCTURAL INTEGRITY AS WELL AS ARCHITECTURAL FLOOR RATING. CONNECT TO EXISTING HEATING WATER SUPPLY PIPING AT LOCATION SHOWN. COORDINATE WITH EXISTING UTILITIES AS REQUIRED. CONTRACTOR IS STRONGLY ENCOURAGED TO THOROUGHLY EXAMINE EXISTING CONDITIONS AND UTILITIES AND MODIFY/PLAN ACCORDINGLY TO ACHIEVE THE DESIRED RESULT BASED ON THE DESIGN INTENT OF THESE DRAWINGS.
7. ROUTE NEW 2 1/2" HEATING WATER PIPING FROM MECHANICAL ROOM UP TO PENTHOUSE ABOVE. FLOOR PENETRATIONS TO BE NEATLY CORED AND TO BE SEALED AIR AND WATER TIGHT AND IN A MANNER TO MAINTAIN STRUCTURAL INTEGRITY AS WELL AS ARCHITECTURAL FLOOR RATING. IN PENTHOUSE, CONTINUE TO NEW AIR HANDLER AHU-1 WITH BALL VALVE FOR ISOLATION. SEE LARGE SCALE PENTHOUSE PLAN AND WATER COIL DETAIL(S) FOR MORE INFORMATION. CONTRACTOR IS STRONGLY ENCOURAGED TO THOROUGHLY EXAMINE EXISTING CONDITIONS AND UTILITIES AND MODIFY/PLAN ACCORDINGLY TO ACHIEVE THE DESIRED RESULT BASED ON THE DESIGN INTENT OF THESE DRAWINGS.
8. ROUTE HEATING WATER INLET/OUTLET PIPING AT BACK OF EQUIPMENT AND CONNECT AT FITTING AS SHOWN BY MANUFACTURER'S CUT SHEETS. SUPPORT PIPING SO NOT TO REST ON PUMP FITTING. SEE HEAT EXCHANGER INSTALLATION AND PIPING DETAIL.
9. PROVIDE AND INSTALL CIRCUIT SETTER IN EACH HEATING WATER RETURN BRANCH LINE ENTERING EXISTING MECHANICAL ROOM. TAB CONTRACTOR TO MEASURE/MONITOR AND LOG EXISTING FLOWS IN EACH RETURN BRANCH LINE AND CALIBRATE CIRCUIT SETTER TO MATCH EXISTING.

FIRST FLOOR PLAN - LARGE SCALE MECHANICAL ROOM HEATING WATER PIPING - NEW WORK

SCALE: 1/2" = 1' - 0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E: LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013
Michael G. Lachin, AIA

STAMP

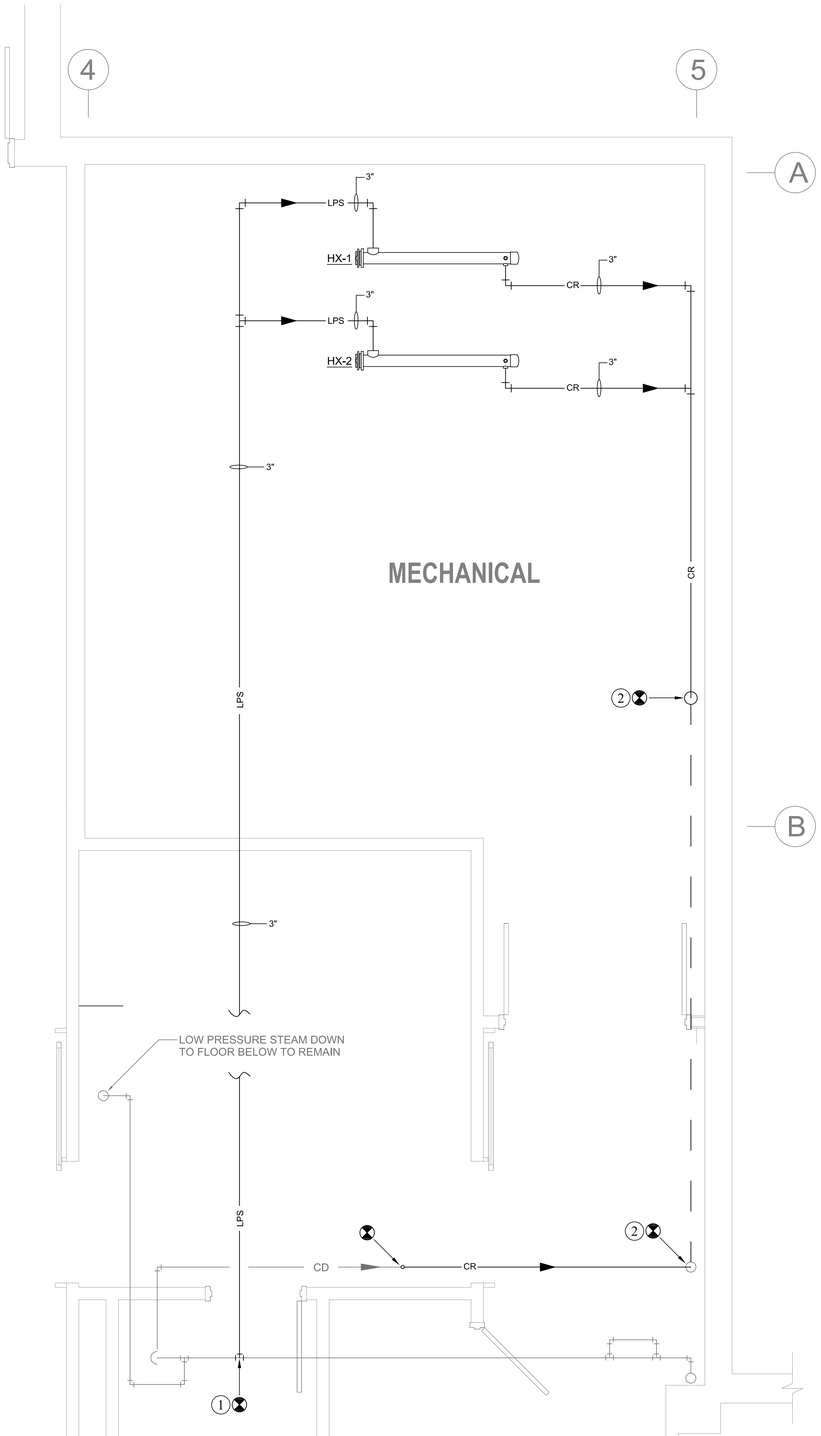
RANDY B. REECE — LICENSED PROFESSIONAL ENGINEER — 29025 — 2-20-2025 — STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	FIRST FLOOR PLAN - LARGE SCALE MECHANICAL ROOM HEATING WATER PIPING - NEW WORK
Approved:	
Phase	FINAL SUBMISSION
	FULLY SPRINKLERED
Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location	1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date	2-20-2025
Checked	RBR
Drawn	RBR
Project Number	586-22-102
Building Number	1
Drawing Number	MH106
	17 OF 33

VA FORM 08 - 6231



NUMBERED NOTES:

1. CONNECT NEW STEAM SUPPLY PIPING (AND CONDENSATE RETURN) TO NEAREST MAIN AND INSTALL NEW SHUTOFF VALVE, CONTROL VALVE, AND ELSE PER DETAILS AND MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS. ROUTE NEW PIPING TO HEAT EXCHANGER CONNECTION AS SHOWN. PROVIDE THREADED FITTINGS FOR 2-1/2" AND SMALLER PIPE. PROVIDE STEAM REGULATOR AT HEAT EXCHANGER TO REDUCE STEAM PRESSURE FROM 60 PSI TO 15 PSI, OR MANUFACTURER'S RECOMMENDED DELIVERY PRESSURE AS REQUIRED. TYPICAL.

2. ROUTE NEW CONDENSATE PIPING, SIZED TO MATCH EXISTING, FROM MECHANICAL ROOM DOWN TO BASEMENT LEVEL BELOW. FLOOR PENETRATIONS TO BE NEATLY CORED AND TO BE SEALED AIR AND WATER TIGHT AND IN A MANNER TO MAINTAIN STRUCTURAL INTEGRITY AS WELL AS ARCHITECTURAL FLOOR RATING. CONNECT TO EXISTING CONDENSATE PIPING BELOW FLOOR AT LOCATION SHOWN. COORDINATE WITH EXISTING UTILITIES AS REQUIRED. CONTRACTOR IS STRONGLY ENCOURAGED TO THOROUGHLY EXAMINE EXISTING CONDITIONS AND UTILITIES AND MODIFY/PLAN ACCORDINGLY TO ACHIEVE THE DESIRED RESULT BASED ON THE DESIGN INTENT OF THESE DRAWINGS.

FIRST FLOOR PLAN - LARGE SCALE MECHANICAL ROOM STEAM PIPING - NEW WORK

SCALE: 1/2" = 1' - 0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

Michael G. Lachin, AIA

STAMP

RANDY B. REECE — LICENSED PROFESSIONAL ENGINEER — 29025 — 2-20-2025 — STATE OF MISSISSIPPI

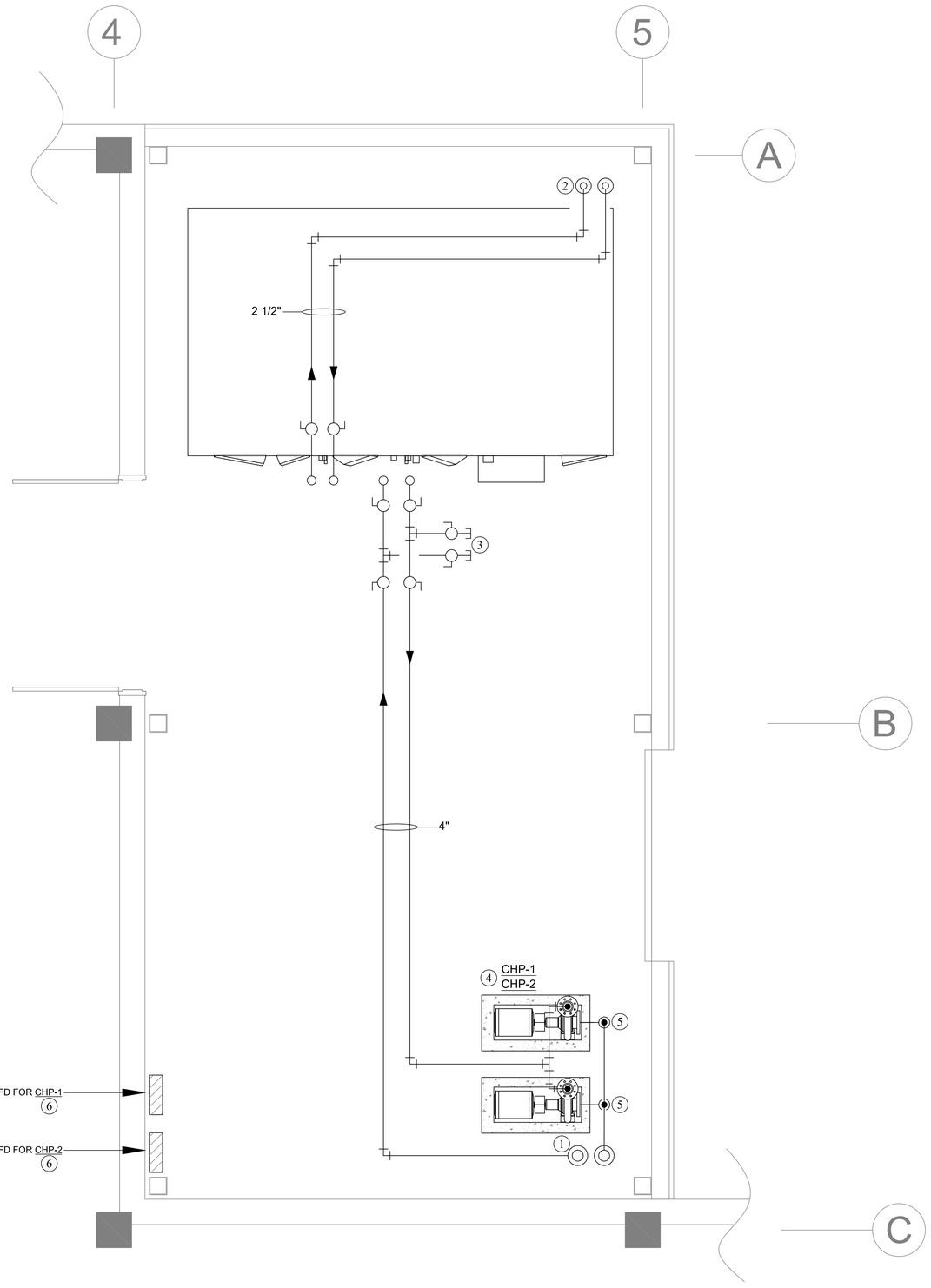
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR PLAN - LARGE SCALE MECHANICAL ROOM STEAM PIPING - NEW WORK	Phase: FINAL SUBMISSION
Approved:	FULLY SPRINKLERED

Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH			Project Number: 586-22-102
			Building Number: 1
Location: 1500 E. Woodrow Wilson Dr. Jackson, MS			Drawing Number: MH107
Issue Date: 2-20-2025	Checked: RBR	Drawn: RBR	18 OF 33

VA FORM 08 - 6231



NUMBERED NOTES:

1. ROUTE NEW 4" CHILLED WATER PIPING FROM MECHANICAL ROOM BELOW UP TO PENTHOUSE. FLOOR PENETRATIONS TO BE NEATLY CORED AND TO BE SEALED AIR AND WATER TIGHT AND IN A MANNER TO MAINTAIN STRUCTURAL INTEGRITY AS WELL AS ARCHITECTURAL FLOOR RATING. CONTINUE TO NEW AIR HANDLER AHU-1 WITH BALL VALVES FOR ISOLATION. SEE LARGE SCALE PENTHOUSE PLAN AND CHILLED WATER COIL DETAIL(S) FOR MORE INFORMATION. CONTRACTOR IS STRONGLY ENCOURAGED TO THOROUGHLY EXAMINE EXISTING CONDITIONS AND UTILITIES AND MODIFY/PLAN ACCORDINGLY TO ACHIEVE THE DESIRED RESULT BASED ON THE DESIGN INTENT OF THESE DRAWINGS.

2. ROUTE NEW 2 1/2" HEATING WATER PIPING FROM MECHANICAL ROOM BELOW UP TO PENTHOUSE. FLOOR PENETRATIONS TO BE NEATLY CORED AND TO BE SEALED AIR AND WATER TIGHT AND IN A MANNER TO MAINTAIN STRUCTURAL INTEGRITY AS WELL AS ARCHITECTURAL FLOOR RATING. CONTINUE TO NEW AIR HANDLER AHU-1 WITH BALL VALVES FOR ISOLATION. SEE LARGE SCALE PENTHOUSE PLAN AND HEATING WATER COIL DETAIL(S) FOR MORE INFORMATION. CONTRACTOR IS STRONGLY ENCOURAGED TO THOROUGHLY EXAMINE EXISTING CONDITIONS AND UTILITIES AND MODIFY/PLAN ACCORDINGLY TO ACHIEVE THE DESIRED RESULT BASED ON THE DESIGN INTENT OF THESE DRAWINGS.

3. PROVIDE AND INSTALL FLANGED TEMPORARY CHILLED WATER CONNECTIONS COMPLETE WITH BALL VALVES FOR FUTURE CHILLED WATER SUPPLY AND RETURN PIPING CONNECTIONS. PROVIDE INSULATION ON CHILLED WATER PIPING AS REQUIRED . MAINTAIN CONTINUOUS VAPOR BARRIER.

4. PROVIDE AND INSTALL NEW HORIZONTAL, END SUCTION, FLEX COUPLED, CENTRIFUGAL, CHILLED WATER PUMPS WITH STEEL BASE FRAME, SUCTION DIFFUSER, AND TRIPLE DUTY VALVE ON A 4" HIGH REINFORCED CONCRETE EQUIPMENT PAD. PUMP BASE SHALL BE GROUTED BY MECHANICAL CONTRACTOR. CONTRACTOR TO PROVIDE LASER SHAFT ALIGNMENT CONTRACTOR. MECHANICAL CONTRACTOR SHALL PROVIDE LABOR FOR ANY NECESSARY FOUNDATION OR PIPING ADJUSTMENTS TO PREVENT MOMENT FORCES PLACED ON PUMP IMPELLER. ALLOW TWO FEET BETWEEN EACH PUMP FOR ACCESS. SEE PIPING DETAIL. SEE EQUIPMENT SCHEDULE FOR CONFIGURATION. PROVIDE ALL POWER, CONTROL, PIPING CONNECTIONS AS REQUIRED AND DETAILED.

5. ROUTE CHILLED WATER INLET/OUTLET PIPING AT BACK OF EQUIPMENT AND CONNECT AT FITTING AS SHOWN BY MANUFACTURER'S CUT SHEETS. SUPPORT PIPING SO NOT TO REST ON PUMP FITTING. SEE HEAT EXCHANGER INSTALLATION AND PIPING DETAIL.

6. PROVIDE AND INSTALL NEW VARIABLE FREQUENCY MOTOR DRIVES FOR THE NEW CHILLED WATER PUMPS AND SUPPORT WITH DEDICATED UNISTRUT RACKS AS SHOWN.

LARGE SCALE PENTHOUSE HYDRONIC PIPING - NEW WORK
SCALE: 1/2" = 1' - 0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013
Michael G. Lachin, AIA

STAMP

RANDY B. REECE
REGISTERED PROFESSIONAL ENGINEER
29025
2-20-2025
STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: LARGE SCALE PENTHOUSE HYDRONIC PIPING - NEW WORK

Approved:

Phase: FINAL SUBMISSION

FULLY SPRINKLERED

Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH

Location: 1500 E. Woodrow Wilson Dr. Jackson, MS

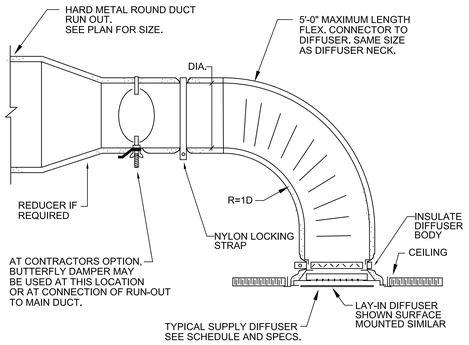
Issue Date: 2-20-2025 | Checked: RBR | Drawn: RBR

Project Number: 586-22-102

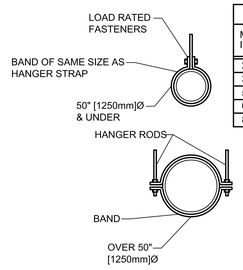
Building Number: 1

Drawing Number: MH108

VA FORM 08 - 6231



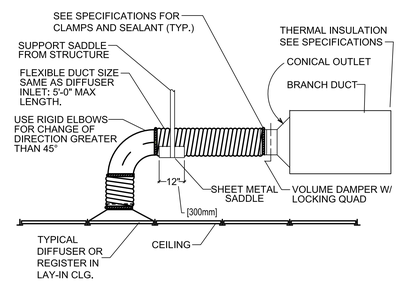
1 TYPICAL DIFFUSER MOUNTING
NTS



HANGER STRAPS OR RODS			
MAX. DUCT Ø IN. [mm]	QUANTITY/SIZE IN. [mm]	MAX. LOAD LBS. [kg]	MAX. SPACING IN. [mm]
26 [650]	ONE 1 [25] x 22 GA STRAP	260 [119]	144 [3600]
36 [900]	ONE 1 [25] x 18 GA STRAP	420 [190]	144 [3600]
50 [1250]	ONE 1 [25] x 16 GA STRAP	700 [317]	144 [3600]
60 [1500]	TWO 3/8 [10]Ø. RODS	1320 [598]	144 [3600]
84 [2100]	TWO 1/2 [13]Ø RODS	2500 [1133]	144 [3600]

NOTE:
TABULATED DATA FROM SMACNA ALLOWS FOR DUCT REINFORCING AND INSULATION, BUT NO EXTERNAL LOAD.

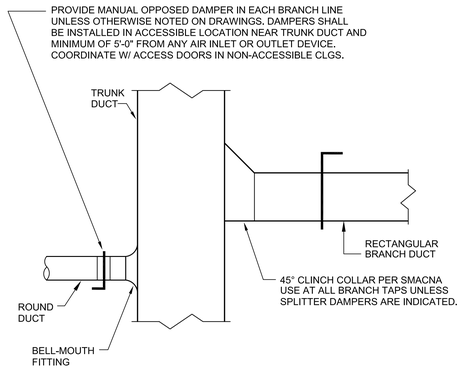
2 ROUND DUCT HANGERS
NTS



NOTE:
THE USE OF FLEXIBLE AIR DUCT CONNECTORS ARE NOT PERMITTED FOR THE DEDICATED AHU SERVING THE SURGICAL SUITE.

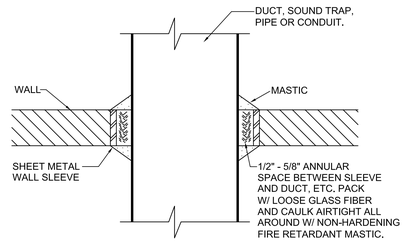
3 FLEXIBLE AIR DUCT CONNECTOR
NTS

R.A AND EHAUST GRILLES, UNLESS SPECIFICALLY NOTED OTHERWISE ON DRAWINGS. LOCATE DAMPERS SO THEY ARE ACCESSIBLE FROM LAY-IN CEILING OR ACCESS DOORS.

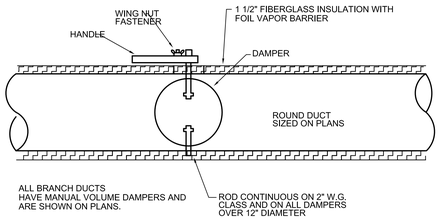


4 BRANCH DUCT TAP DETAIL
NTS

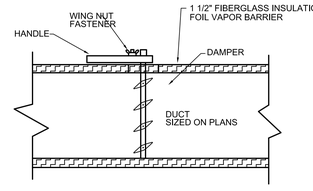
NOTE: THIS DETAIL APPLICABLE AT MECHANICAL ROOM WALL PENETRATIONS, SOUND CONTROL PARTITIONS AND WHERE OTHERWISE INDICATED.



5 WALL PENETRATION DETAIL
NTS



6 ROUND DUCT MANUAL DAMPER
NTS



7 RECTANGULAR DUCT MANUAL DAMPER
NTS

MECHANICAL DETAILS

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

Michael G. Lachin, AIA

STAMP

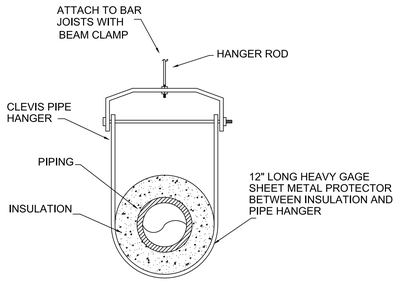
RANDY B. REECE, LICENSED PROFESSIONAL ENGINEER, 29025, 2-20-2025, STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	MECHANICAL DETAILS
Approved:	
Phase	FINAL SUBMISSION
	FULLY SPRINKLERED
Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location	1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date	2-20-2025
Checked	RBR
Drawn	RBR
Project Number	586-22-102
Building Number	1
Drawing Number	MH301

VA FORM 08 - 6231



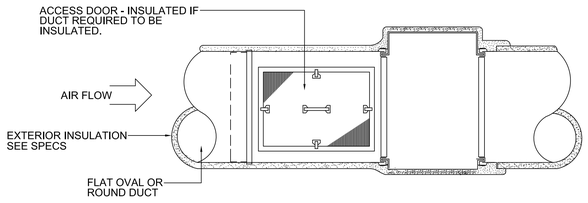
SUPPORT PIPING WITH CLEVIS HANGERS FROM STRUCTUR ABOVE IN ACCORDANCE WITH THE INTERNATIONAL PLUMBING CODE.

INSULATE ALL PIPING ACCORDING TO THE NOTES ON DRAWING AND THE DIVISION 15 SPECIFICATIONS.

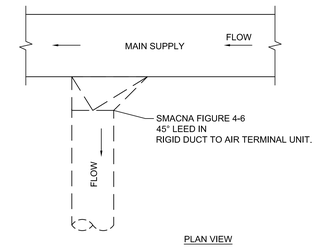
PROVIDE 12" LONG BY 18 GAGE GALVANIZED SHEET METAL SADDLES AT BOTTOM SIDE OF INSULATION AT ALL HANGER LOCATIONS.

INSTALL PREPRINTED ADHESIVE LABELS ON ALL INSULATION SURFACE TO SHOW CONTENTS AND DIRECTION OF FLOW.

8 PIPE HANGER DETAIL



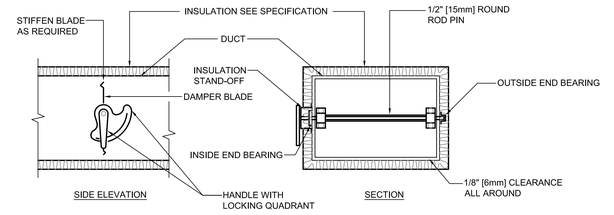
9 AIRLFOW MEASURING STATION



PLAN VIEW

10 ALTERNATE SUPPLY DUCT TAKEOFF - AIR TERMINAL UNITS

NTS

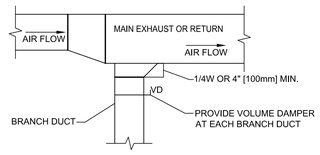


NOTE:

1. DELETE INSULATION STAND-OFF ON DUCTWORK WITHOUT EXTERIOR INSULATION.
2. DETAIL SHOWS SINGLE BLADE DAMPER. DAMPER INSTALLATION SHALL BE SIMILAR FOR MULTI-BLADE DAMPERS & ROUND DAMPERS.

11 VOLUME DAMPER DETAIL

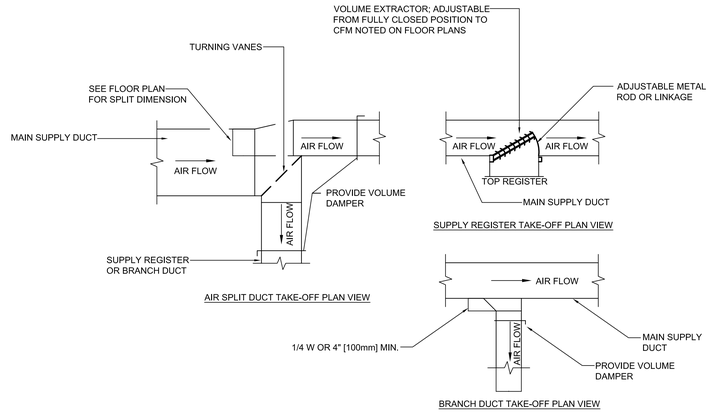
NTS



PLAN VIEW

12 EXHAUST OR RETURN BRANCH DUCTWORK

NTS



13 SUPPLY DUCTWORK TAKE-OFFS

NTS

DESIGNER'S NOTES:

1. THE SUPPLY REGISTER TAKE-OFF MAY BE USED FOR UP UP TO 25% OF THE MAIN DUCT CFM. THE BRANCH DUCT TAKE-OFF MAY BE USED FOR UP TO 15% OF THE MAIN DUCT CFM ANYTIME AND UP TO 40% WHEN THE MAIN DUCT VELOCITY IS 1000 FPM [5.1 M/S] OR LESS. THE AIR SPLIT DUCT TAKE-OFF SHALL BE USED IN ALL OTHER CASES AND MAY BE USED AT ANYTIME.
2. SHOW ALL VOLUME DAMPERS ON FLOOR PLANS.

MECHANICAL DETAILS

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

Michael G. Lachin, AIA

STAMP

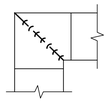
NANCY B. REECE — LICENSED PROFESSIONAL ENGINEER — 29025 — 2-20-2025 — STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	MECHANICAL DETAILS
Approved:	
Phase	FINAL SUBMISSION
	FULLY SPRINKLERED
Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location	1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date	2-20-2025
Checked	RBR
Drawn	RBR
Project Number	586-22-102
Building Number	1
Drawing Number	MH302
	21 OF 33

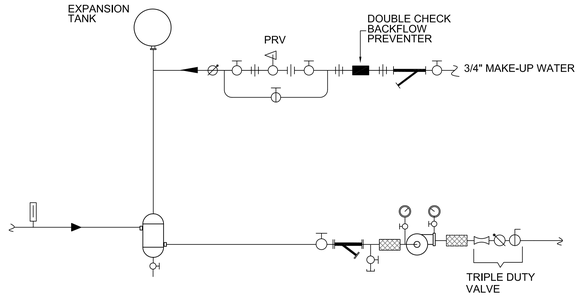
VA FORM 08 - 6231



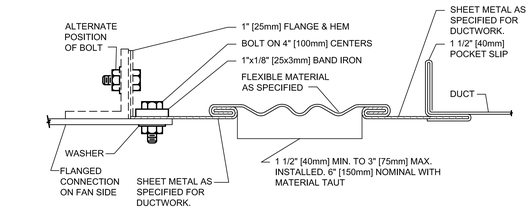
NOTE:

1. ALL VANE ELBOWS SHALL BE CONSTRUCTED AND INSTALLED AS DETAILED BY SMACNA.
2. WHEN W1 DOES NOT EQUAL W2, VANE SHALL BE SINGLE THICKNESS VANE TYPE REGARDLESS OF W DIMENSION.
3. ALL SINGLE THICKNESS VANES SHALL HAVE A 2" [50mm] RADIUS, 1 1/2" [40mm] MAXIMUM SPACE BETWEEN VANES AND A 3/4" [20mm] TRAILING EDGE.
4. WHEN W EQUALS W2 AND W1 IS GREATER THAN 20" [500mm] VANES SHALL BE DOUBLE VANE TYPE.

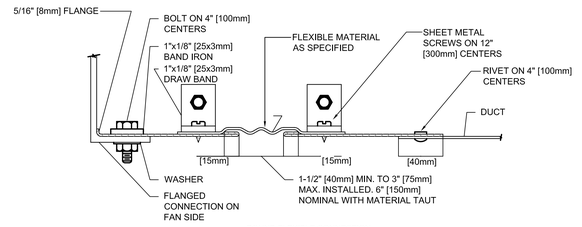
14 DUCTWORK SQUARE VANE ELBOWS
NTS



15 MAKE-UP WATER PIPING DETAIL

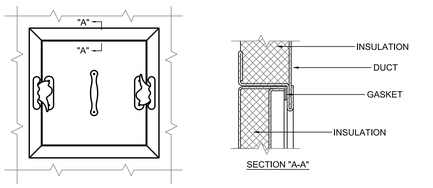


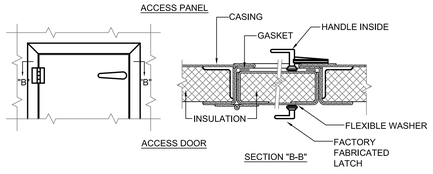
RECTANGULAR FLEXIBLE CONNECTION



ROUND FLEXIBLE CONNECTION

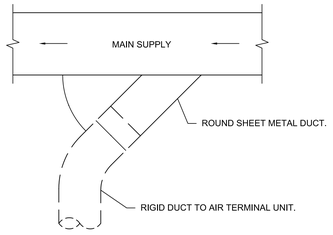
16 FLEXIBLE DUCT CONNECTIONS
NTS





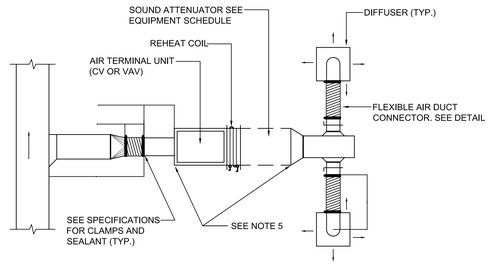
NOTES:
1. LATCHES SHALL BE OF THE WEDGE TYPE TO CLOSE DOORS TIGHTLY.
2. HINGES ON THE ACCESS DOORS SHALL HAVE NON-CORROSIVE PINS.
3. SEE SMACNA 2005, FIGURE 9-15

17 ACCESS PANEL AND DOOR DETAIL
NTS



PLAN VIEW

18 SUPPLY DUCT TAKEOFF - AIR TERMINAL UNIT
NTS



NOTE:

1. RIGID STRAIGHT TERMINAL UNIT INLET LENGTH SHALL BE A MINIMUM OF 3 TIMES THE DIAMETER OF INLET
2. A FLEXIBLE AIR DUCT CONNECTOR IS NOT MANDATORY FOR INLET TO THIS BOX, BUT ALLOWED TO ACCOMMODATE MINOR OFFSETS. MAXIMUM LENGTH 3'-0" [900mm].
3. A BRANCH DUCT SERVING AN INDIVIDUAL BOX MAY BE THE SAME SIZE AS THE BOX INLET, PROVIDED THE EQUIVALENT LENGTH OF THE BRANCH DUCT, AS SHOWN, DOES NOT EXCEED 10 FEET (3 METERS). FOR LONGER LENGTHS, INCREASE THE DUCT SIZE AND PROVIDE A DUCT TRANSITION TO MAINTAIN THE DUCT STATIC PRESSURE DROP AT OR BELOW 0.2"/100' [1.64Pa/m].
4. FLEXIBLE AIR DUCT CONNECTORS, WHEN USED FROM TERMINAL UNIT SUPPLY AIR DUCT TO DIFFUSER, SHALL NOT EXCEED 5'-0" [1500mm]. USE RIGID ELBOWS FOR CHANGE OF DIRECTION GREATER THAN 45°.
5. COMPONENT ARRANGEMENT MAY VARY BY MANUFACTURER. PROVIDE INSULATION W/VAPOR BARRIER FOR CONNECTING DUCT SECTIONS.
6. USE OF THE FLEXIBLE AIR DUCT CONNECTORS ARE NOT PERMITTED FOR THE DEDICATED AHU SERVING THE SURGICAL SUITE.

19 DUCT CONNECTIONS - AIR TERMINAL UNITS
NTS

MECHANICAL DETAILS

Revisions:	Date:

CONSULTANT
Consultant:

ARCHITECT/ENGINEER OF RECORD
A/E:
LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013
Michael G. Lachin, AIA

STAMP
RANDY B. RECCE — REGISTERED PROFESSIONAL ENGINEER — 29025 — 2-20-2025 — STATE OF MISSISSIPPI

Office of Construction and Facilities Management
VA | U.S. Department of Veterans Affairs

Drawing Title	MECHANICAL DETAILS
Approved:	
Phase	FINAL SUBMISSION
	FULLY SPRINKLERED
Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location	1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date	2-20-2025
Checked	RBR
Drawn	RBR
Project Number	586-22-102
Building Number	1
Drawing Number	MH303
	22 OF 33

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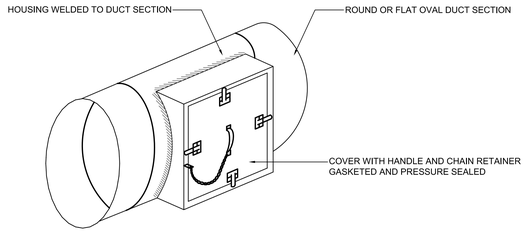
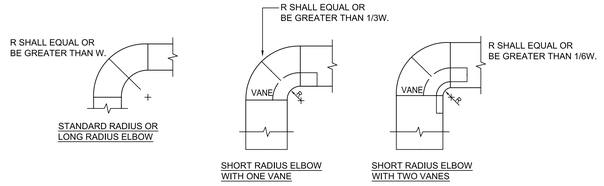


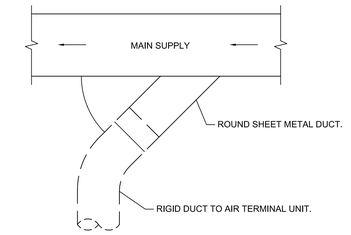
20 ACCESS SECTION FOR ROUND/OVAL DUCT
NTS



NOTE:

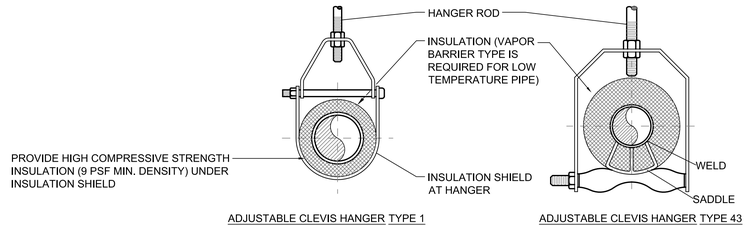
1. THE INTERIOR SURFACE OF ALL RADIUS ELBOWS SHALL BE MADE ROUND.
2. ALL STANDARD RADIUS ELBOWS CAN BE SUBSTITUTED WITH SHORT RADIUS ELBOWS. ALL SHORT RADIUS ELBOWS SHALL HAVE VANES. VANES SHALL BE CONSTRUCTED, SUPPORTED AND FASTENED AS RECOMMENDED BY SMACNA.

21 DUCTWORK RADIUS ELBOWS
NTS



PLAN VIEW

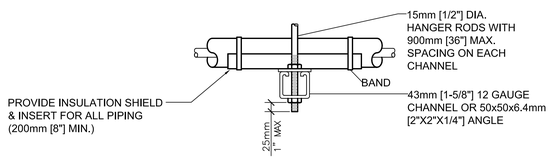
22 SUPPLY DUCT TAKEOFF - AIR TERMINAL UNIT
NTS



ADJUSTABLE CLEVIS HANGER TYPE 1 - SEE SPECIFICATIONS

ADJUSTABLE CLEVIS HANGER TYPE 43 - SEE SPECIFICATIONS

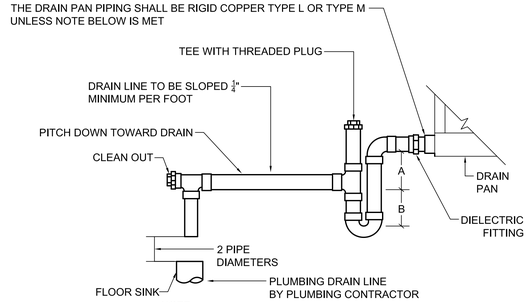
NOTE:
SEE SPECIFIER FOR DETAILED HANGER REQUIREMENTS



SIDE VIEW TRAPEZE HANGER FOR UP TO 453KG [1000 LB.] UNIFORM LOAD

MAXIMUM PIPE/TUBING SUPPORT SPACING																		
NOM. SIZE mm [IN]	THRU 20 [THRU ¾]	25 [1]	32 [1¼]	40 [1½]	50 [2]	65 [2½]	75 [3]	100 [4]	125 [5]	150 [6]	200 [8]	250 [10]	300 [12]	350 [14]	400 [16]	450 [18]	500 [20]	600 [24]
PIPE mm [FT]	2100 [7]	2100 [7]	2100 [7]	2700 [9]	3000 [10]	3400 [11]	3700 [12]	4100 [14]	4900 [16]	5200 [17]	5800 [19]	6700 [22]	7000 [23]	7600 [25]	8200 [27]	8500 [28]	9100 [30]	9600 [32]
TUBING mm [FT]	1500 [5]	1800 [6]	2100 [7]	2400 [8]	2400 [8]	2700 [9]	3000 [10]	3700 [12]	4000 [13]	4100 [14]	4900 [16]	- -	- -	- -	- -	- -	- -	- -
NOTE: FOR TRAPEZE HANGER TAKE SPACING OF SMALLEST SIZE ON TRAPEZE.																		

23 PIPE HANGERS
NTS



NOTE:

1. CPVC PIPE MAY BE USED ONLY IF APPROVED BY LOCAL VA AND IS INDOORS AND DOES NOT PASS THROUGH RATED BARRIERS.
2. DIELECTRIC FITTING TO BE USED WHEN TWO DISSIMILAR METALS ARE TO BE CONNECTED.

UNIT TYPE	A	B
DRAW THRU	2" [50mm] PLUS X	X

WHERE X = STATIC PRESSURE IN PAN

3. FILL TRAP MANUALLY ON INITIAL START-UP.
4. TRAP EACH COMPONENT DRAIN CONNECTION.
5. PIPE SIZE SHALL BE 1-1/2" OR DRAIN PAN CONNECTION SIZE, WHICHEVER IS LARGER.
6. RAISE COIL SECTION OR ENTIRE AIR HANDLING UNIT WITH STRUCTURAL MEMBERS OR STANDS TO PROVIDE PROPER TRAP HEIGHT.

24 AIR HANDLING UNIT DRAIN TRAP DETAIL
NTS

MECHANICAL DETAILS

Revisions:	Date:

CONSULTANT
Consultant:

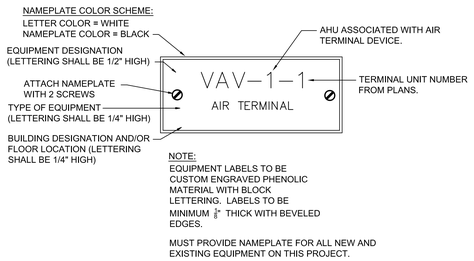
ARCHITECT/ENGINEER OF RECORD
A/E:
LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013
Michael G. Lachin, AIA

STAMP
RANDY B. REECE
LICENSED PROFESSIONAL ENGINEER
29025
2-20-2025
STATE OF MISSISSIPPI

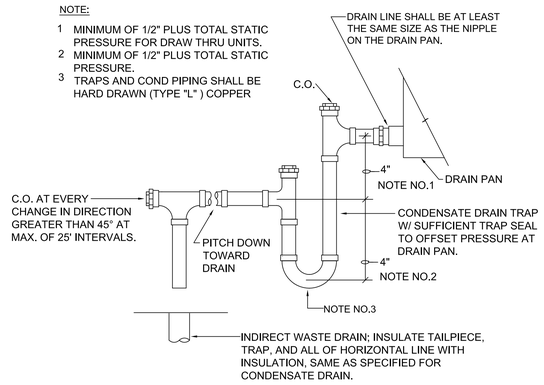
Office of Construction and Facilities Management
VA | U.S. Department of Veterans Affairs

Drawing Title: MECHANICAL DETAILS	Phase: FINAL SUBMISSION	Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH	Project Number: 586-22-102
Approved:	FULLY SPRINKLERED	Location: 1500 E. Woodrow Wilson Dr. Jackson, MS	Building Number: 1
		Issue Date: 2-20-2025 / Checked: RBR / Drawn: RBR	Drawing Number: MH304 23 OF 33

VA FORM 08 - 6231

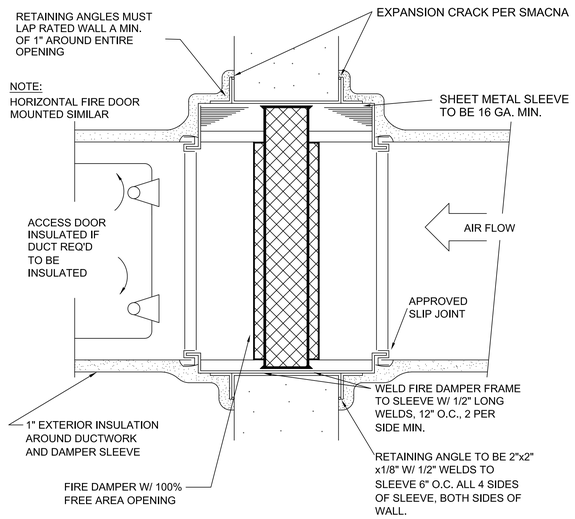


25 EQUIPMENT LABEL DETAIL



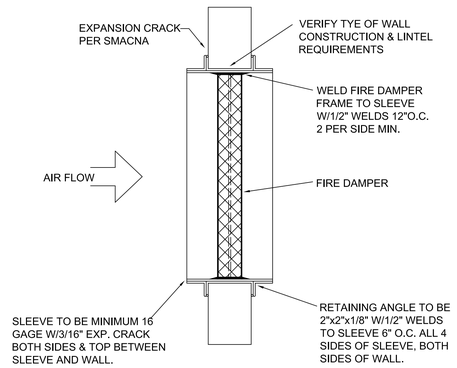
26 CONDENSATE DRAIN TRAP DETAIL

DAMPER TO BE PROVIDED WITH END SWITCHES. CONNECT END SWITCH DEVICE TO FACILITY ENERGY MANAGEMENT SYSTEM AND MAP POINT(S) TO PROVIDE GRAPHIC DISPLAY OF DAMPER POSITION. ALARM USER WHEN DAMPER IS CLOSED. ALSO INTERLOCK WITH FIRE ALARM. SEE ELECTRICAL. ALL TYPICAL.



27 MEDIUM VELOCITY DUCT VERTICAL FIRE DAMPER DAMPER

DAMPER TO BE PROVIDED WITH END SWITCHES. CONNECT END SWITCH DEVICE TO FACILITY ENERGY MANAGEMENT SYSTEM AND MAP POINT(S) TO PROVIDE GRAPHIC DISPLAY OF DAMPER POSITION. ALARM USER WHEN DAMPER IS CLOSED. ALSO INTERLOCK WITH FIRE ALARM. SEE ELECTRICAL. ALL TYPICAL.



28 LOW VELOCITY DUCT FIRE DAMPER AT WALL OPENING

MECHANICAL DETAILS

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

Michael G. Lachin, AIA

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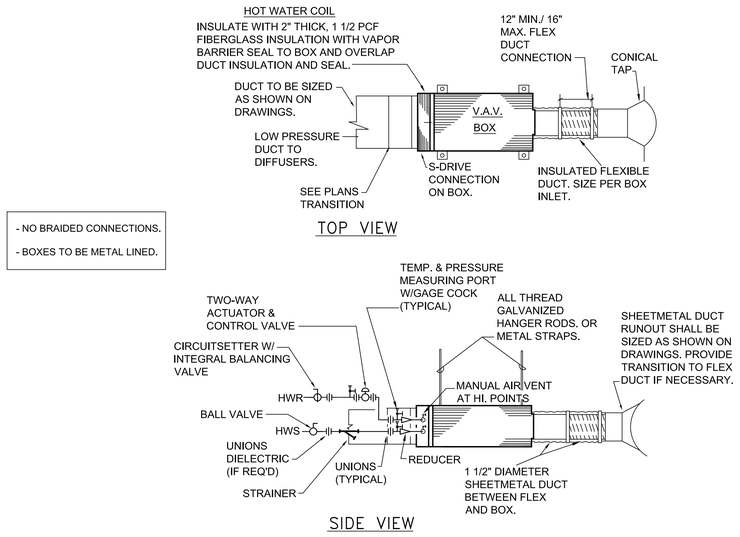
RANDY B. REECE — LICENSED PROFESSIONAL ENGINEER — 29025 — 2-20-2025 — STATE OF MISSISSIPPI

Office of Construction and Facilities Management

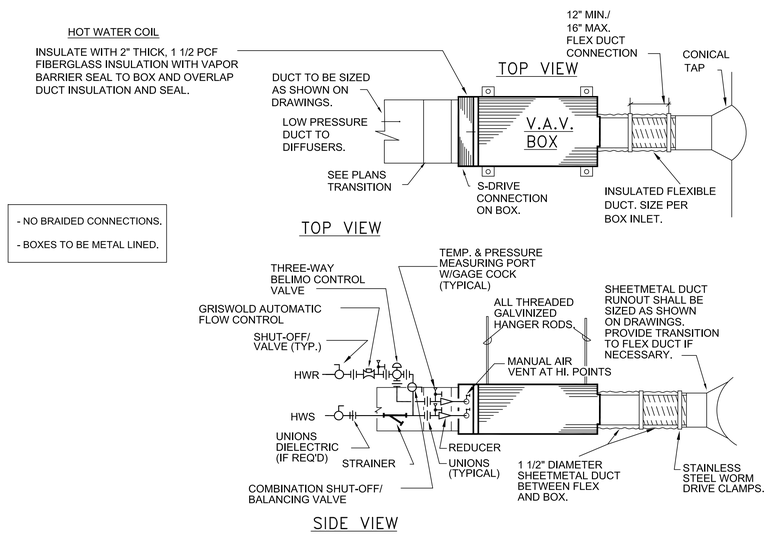
VA | U.S. Department of Veterans Affairs

Drawing Title: MECHANICAL DETAILS	Phase: FINAL SUBMISSION	Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH	Project Number: 586-22-102
Approved:	FULLY SPRINKLERED	Location: 1500 E. Woodrow Wilson Dr. Jackson, MS	Building Number: 1
		Issue Date: 2-20-2025 / Checked: RBR / Drawn: RBR	Drawing Number: MH305
			24 OF 33

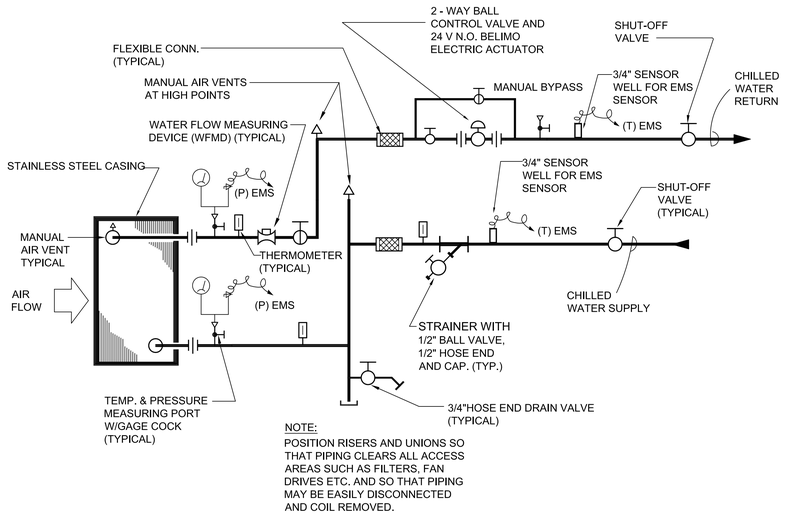
VA FORM 08 - 6231



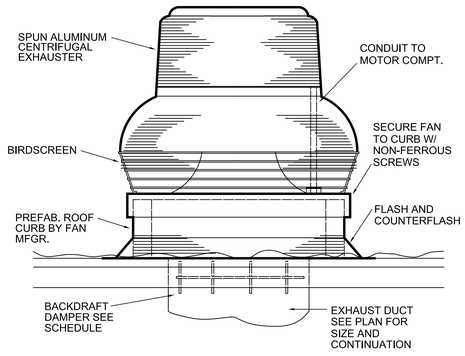
29 VAV BOX DETAIL WITH TWO WAY VALVE
NTS



30 VAV BOX DETAIL WITH THREE WAY VALVE
NTS



31 CHILLED WATER COIL DETAIL
NTS



32 ROOF MOUNTED FAN DETAIL
NTS

MECHANICAL DETAILS

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E: LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013
Michael G. Lachin, AIA

STAMP

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VA U.S. Department of Veterans Affairs

Drawing Title	MECHANICAL DETAILS
Approved:	
Phase	FINAL SUBMISSION
	FULLY SPRINKLERED
Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location	1500 E. Woodrow Wilson Dr. Jackson, MS
Project Number	586-22-102
Building Number	1
Drawing Number	MH306
Issue Date	2-20-2025
Checked	RBR
Drawn	RBR

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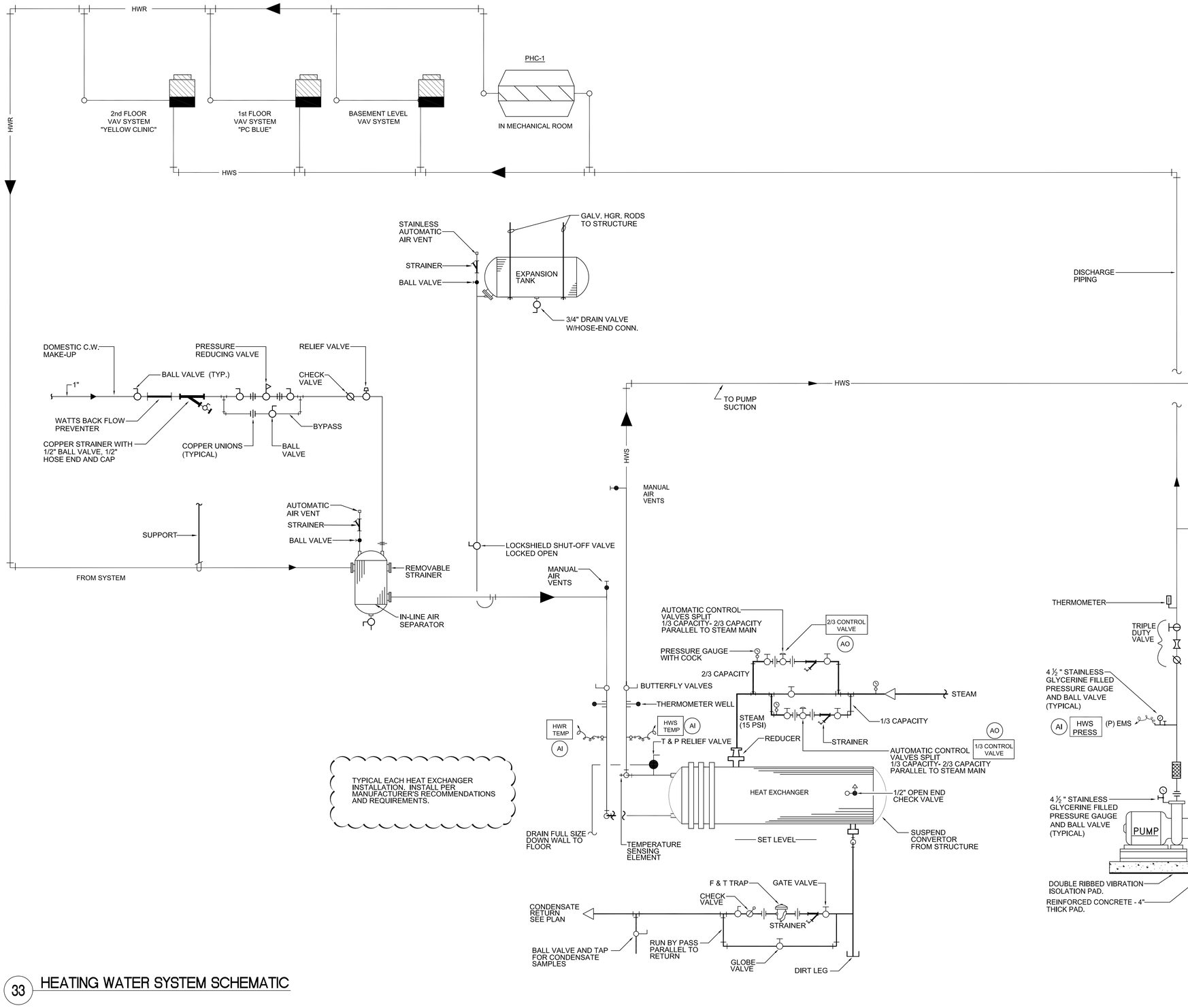

33 HEATING WATER SYSTEM SCHEMATIC

HORIZONTAL PUMP PIPING DETAIL

MECHANICAL DETAILS

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LA LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

Michael G. Lachin, AIA

STAMP

NANCY B. REED
LICENSED PROFESSIONAL ENGINEER
29025
2-20-2025
STATE OF MISSISSIPPI

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: MECHANICAL DETAILS	Phase: FINAL SUBMISSION
Approved:	FULLY SPRINKLERED

Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH	Project Number: 586-22-102
	Building Number: 1
Location: 1500 E. Woodrow Wilson Dr. Jackson, MS	Drawing Number: MH307
Issue Date: 2-20-2025 / Checked / Drawn	26 OF 33

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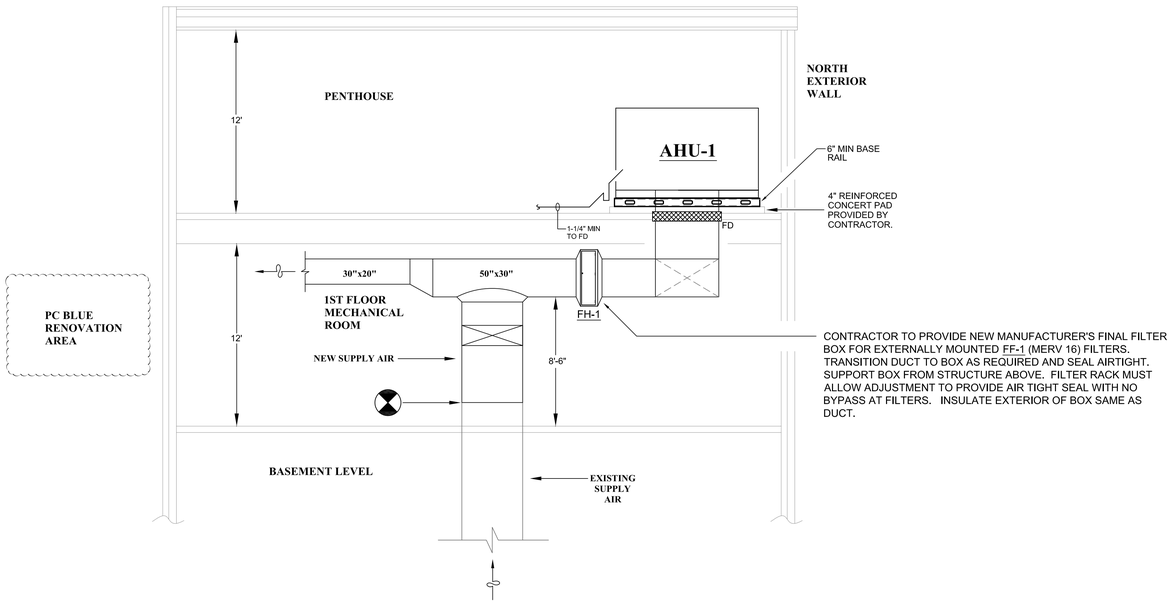
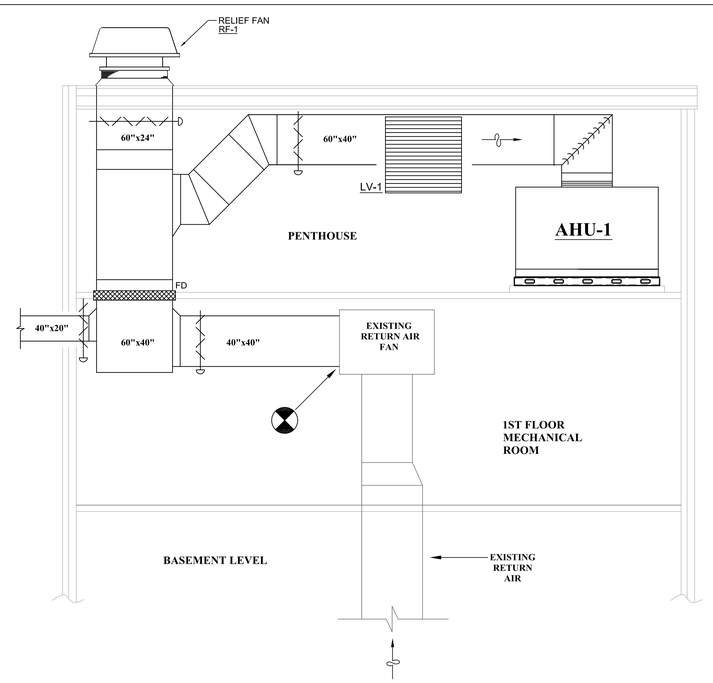
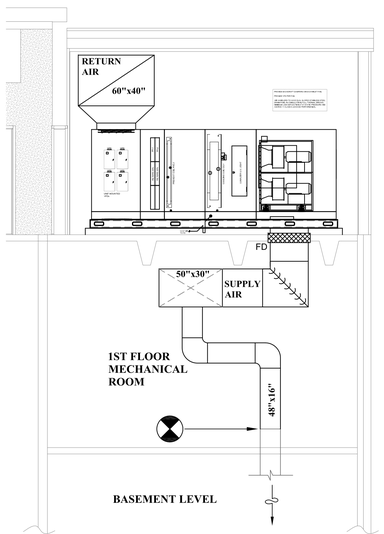


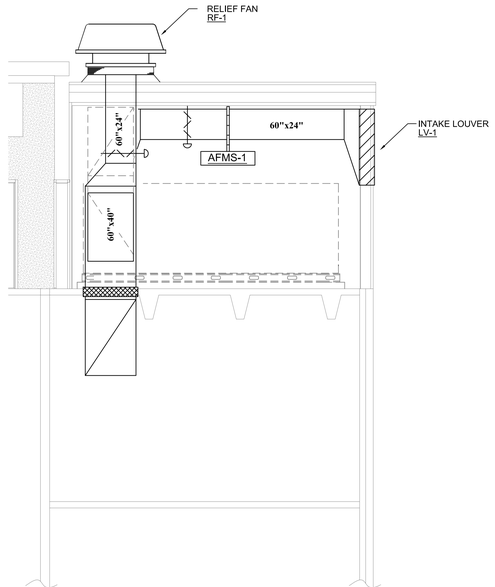
34 PENTHOUSE ELEVATION SUPPLY AIR + AHU DETAIL/SCHEMATIC (WEST FACING)



35 PENTHOUSE ELEVATION RETURN AIR + AHU DETAIL/SCHEMATIC (WEST FACING)



36 PENTHOUSE ELEVATION SUPPLY/RETURN AIR + AHU DETAIL/SCHEMATIC (NORTH FACING)



37 PENTHOUSE ELEVATION RETURN AIR + AHU DETAIL/SCHEMATIC (NORTH FACING)

MECHANICAL DETAILS

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

Michael G. Lachin, AIA

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Drawing Title	MECHANICAL DETAILS
Approved:	
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Location	1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date	2-20-2025
Checked	RBR
Drawn	RBR
Project Number	586-22-102
Building Number	1
Drawing Number	MH308
	27 OF 33

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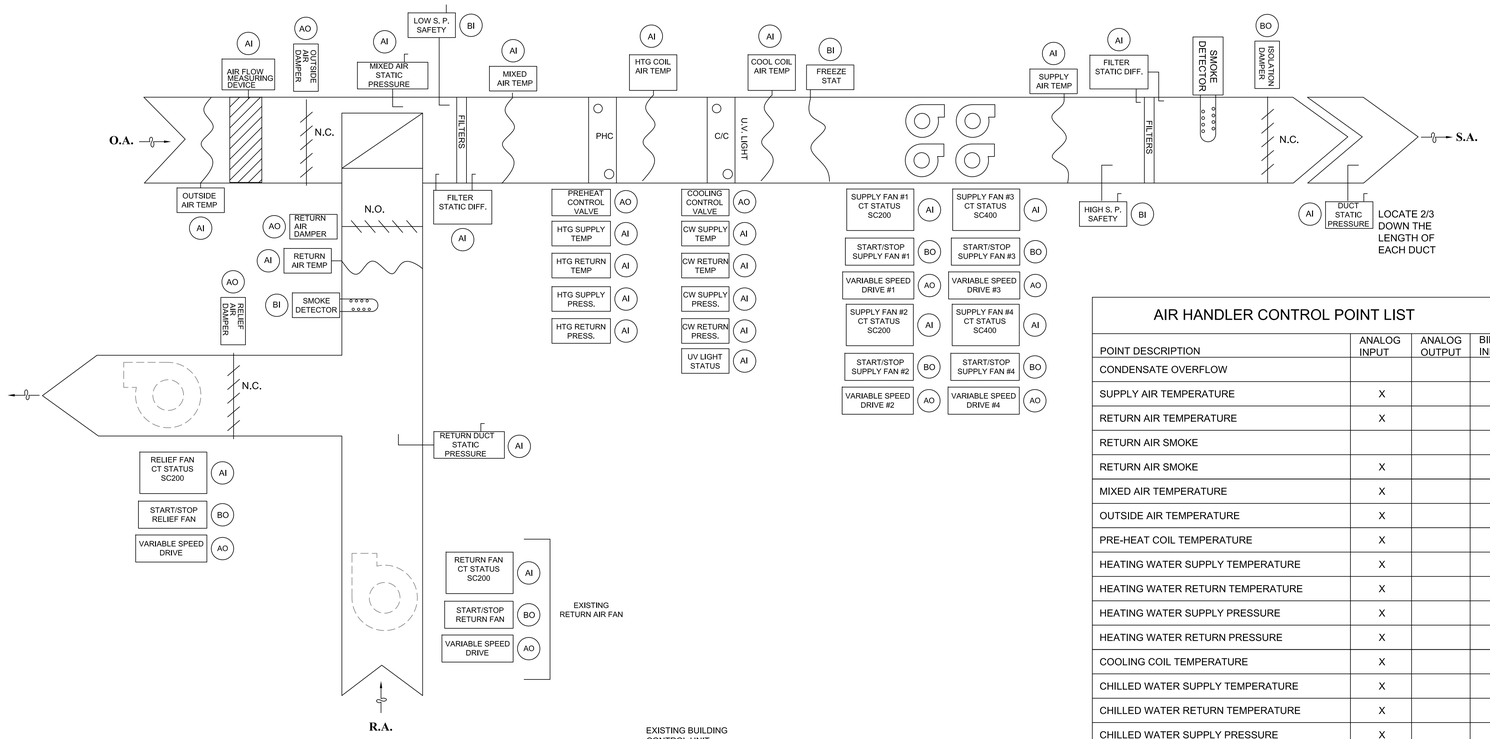


AIR HANDLER CONTROL POINT LIST

POINT DESCRIPTION	ANALOG INPUT	ANALOG OUTPUT	BINARY INPUT	BINARY OUTPUT	ALARM SETPOINT
CONDENSATE OVERFLOW			X		
SUPPLY AIR TEMPERATURE	X				HI: 80
RETURN AIR TEMPERATURE	X				
RETURN AIR SMOKE			X		
RETURN AIR SMOKE	X				
MIXED AIR TEMPERATURE	X				
OUTSIDE AIR TEMPERATURE	X				
PRE-HEAT COIL TEMPERATURE	X				
HEATING WATER SUPPLY TEMPERATURE	X				
HEATING WATER RETURN TEMPERATURE	X				
HEATING WATER SUPPLY PRESSURE	X				
HEATING WATER RETURN PRESSURE	X				
COOLING COIL TEMPERATURE	X				
CHILLED WATER SUPPLY TEMPERATURE	X				
CHILLED WATER RETURN TEMPERATURE	X				
CHILLED WATER SUPPLY PRESSURE	X				
CHILLED WATER RETURN PRESSURE	X				
PRE-FILTER DIFFERENTIAL PRESSURE	X				
FINAL-FILTER DIFFERENTIAL PRESSURE	X				
OUTSIDE AIR FLOW MEASURING STATION (AFMS)	X				
SUPPLY DUCT STATIC DIFFERENTIAL PRESSURE	X				
RETURN DUCT STATIC DIFFERENTIAL PRESSURE	X				
MIXED AIR STATIC DIFFERENTIAL PRESSURE	X				
UV LIGHT STATUS	X				
SUPPLY FAN STATUS, EACH (4)	X				
SUPPLY FAN VFD SPEED, EACH (4)		X			
SUPPLY FAN START/STOP, EACH (4)				X	
RETURN AIR DAMPER		X			
OUTSIDE AIR DAMPER		X			
RELIEF AIR DAMPER		X			
COOLING COIL VALVE		X			
LOW LIMIT TEMPERATURE			X		
HIGH STATIC PRESSURE			X		
CHILLED WATER PUMP STATUS (2)	X				
CHILLED WATER PUMP START/STOP (2)				X	
CHILLED WATER PUMP VFD (2)		X			
SUPPLY ISOLATION DAMPER				X	
MIXED AIR LOW PRESSURE			X		

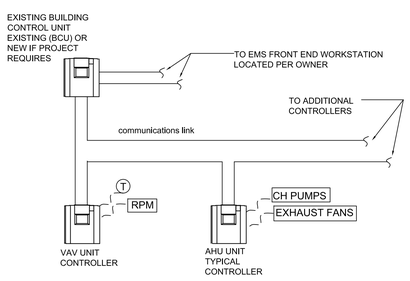
EXHAUST CONTROL POINTS LIST

POINT DESCRIPTION	ANALOG INPUT	ANALOG OUTPUT	BINARY INPUT	BINARY OUTPUT
EXHAUST FAN S/S EACH				X
EXHAUST FAN CT STATUS EACH	X			

CONTRACTOR TO PROVIDE AND INSTALL MOTOR STARTERS AT ALL EXHAUST FANS TO ALLOW START/STOP FROM EMS.

EXHAUST SEQUENCE OF OPERATION

EF-1 AND EF-2 ARE TO BE CONSTANT VOLUME AND RUN CONTINUOUS.



RETURN FAN CONTROL POINT LIST

POINT DESCRIPTION	ANALOG INPUT	ANALOG OUTPUT	BINARY INPUT	BINARY OUTPUT	ALARM SETPOINT
RELIEF FAN STATUS	X				
RELIEF FAN VFD SPEED		X			
RELIEF FAN START/STOP				X	
RELIEF AIR DAMPER		X		X	
RETURN FAN STATUS	X				
RETURN FAN VFD SPEED		X			
RETURN FAN START/STOP				X	
RETURN AIR DAMPER		X		X	

AHU SEQUENCE OF OPERATION

OCCUPIED:

THE SYSTEM SHALL BE CONSIDERED OCCUPIED AT ALL TIMES, UNLESS INTRUCTED OTHERWISE BY COR. DURING NORMAL/OCCUPIED PERIODS, THE SUPPLY FAN SHALL RUN CONTINUOUSLY, AND THE OUTSIDE AIR DAMPER SHALL OPEN TO MAINTAIN MINIMUM VENTILATION REQUIREMENTS. THE RELIEF AIR DAMPER SHALL MODULATE BY TRACKING THE RETURN AND OUTSIDE AIR DAMPERS.

THE CHILLED WATER VALVE SHALL CONTROL TO MAINTAIN THE ACTIVE DISCHARGE AIR TEMPERATURE SETPOINT, THE DISCHARGE AIR TEMPERATURE SETPOINT SHALL BE DYNAMICALLY RESET BASED ON THE DEVIATION OF ACTUAL SPACE TEMPERATURE FROM THE ACTIVE SPACE TEMPERATURE SETPOINT. IF THE DISCHARGE AIR TEMPERATURE SENSOR FAILS, THE CHILLED WATER VALVE SHALL CLOSE AND AN ALARM SHALL ANNUNCIATE AT THE BAS.

SUPPLY FAN:

UPON A START COMMAND THE SUPPLY FANS WILL RAMP UP OVER A PERIOD OF 30 SECONDS. THE FANS SPEED WILL INCREASE UNTIL THE SUPPLY DUCT STATIC PRESSURE IS AT SETPOINT DETERMINED BY TAB AGENT TO PROVIDE REQUIRED SUPPLY AIR VOLUME AT THE VAV TERMINALS. FANS SPEED WILL MODULATE TO MAINTAIN SUPPLY DUCT STATIC PRESSURE SETPOINT. ONCE THE DUCT STATIC PRESSURE IS AT SETPOINT, THE OUTSIDE AIR DAMPER WILL MODULATE OPEN TO PROVIDE OUTSIDE AIR VENTILATION BASED ON AIR FLOW MEASURING STATION. IF THE OUTSIDE AIR DAMPER IS 100% OPEN AND THE VENTILATION SETPOINT IS NOT SATISFIED, THEN MODULATE THE RETURN AIR DAMPER CLOSED TO MEET SETPOINT.

SUPPLY AIR TEMPERATURE CONTROL:

THE COOLING COIL VALVE WILL MODULATE TO MAINTAIN A SUPPLY AIR TEMPERATURE OF 54°F. WHEN THE OUTDOOR AIR TEMPERATURE IS BELOW 56°F, RESET SUPPLY AIR TEMPERATURE SETPOINT TO 59°F.

SAFETY:

WHEN THE LOW LIMIT TEMPERATURE SENSOR IS TRIPPED, THE OUTSIDE AIR DAMPER WILL CLOSE, RETURN AIR DAMPER OPEN, CHILLED WATER COIL VALVE OPEN 50%, AND THE EMS WILL ALARM. WHEN THE HIGH DUCT STATIC PRESSURE SAFETY SWITCH IS TRIPPED THE SUPPLY FAN VFD WILL CAUSE THE FANS TO OPERATE AT 50% OR 30 HZ AND ALARM THE EMS. WHEN ANY SMOKE DETECTOR IS TRIPPED, THE AHU WILL SHUT OFF AND THE SMOKE DAMPERS IN THE SUPPLY AIR DUCTS WILL CLOSE. IF THE AHU SUPPLY OR RETURN AIR SMOKE DETECTOR SENSES SMOKE, ALARM THE EMS WORK STATION AND SHUT THE AIR HANDLER DOWN. IF MIXED AIR CHAMBER LOW PRESSURE SAFETY IS TRIPPED.

ECONOMIZER:

WHEN THE OUTSIDE AIR TEMPERATURE IS BELOW 56°F, ALLOW THE SUBROUTINE FOR ECONOMIZER TO BE ENABLED AND TAKE AUTHORITY OVER THE DAMPER CONTROL. DURING ECONOMIZER, THE OUTSIDE AIR DAMPER AND RETURN AIR DAMPER SHOULD MODULATE IN SEQUENCE TO MAINTAIN A SUPPLY AIR TEMPERATURE OF 59°F. DURING THIS SEQUENCE, THE RELIEF AIR DAMPER (DAMPER-3) SHOULD BE OPEN AND THE RETURN AIR FAN SPEED SHOULD BE MODULATED TO MAINTAIN RETURN DUCT STATIC PRESSURE AT A CONTINUOUS SETPOINT.

MIXED AIR LOW LIMIT:

THE INITIAL OUTSIDE DAMPER OPENING RATE SHALL BE LIMITED TO 2% PER MINUTE (ADJ.) UNTIL THE DAMPER HAS REACHED ITS MINIMUM VENTILATION POSITION. WHEN THE MIXED AIR TEMPERATURE IS BELOW 40°F, MODULATE PREHEAT COIL VALVE TO MAINTAIN AN ENTERING AIR TEMPERATURE OF 50°F. IF THE MIXED AIR TEMPERATURE SENSOR FAILS AN ALARM SHALL ANNUNCIATE AT THE BAS AND THE OUTSIDE AIR DAMPER SHALL RETURN TO THE MINIMUM POSITION.

FREEZE PROTECTION:

A HARDWIRED, LOW LIMIT TEMPERATURE SWITCH SHALL BE ELECTRICALLY INTERLOCKED WITH THE VARIABLE SPEED DRIVE. IF THE LOW LIMIT TEMPERATURE SWITCH IS TRIPPED (38.0 °F ADJ.), THE SUPPLY FAN AND RETURN FAN SHALL BE DISABLED, THE OUTSIDE AIR DAMPER SHALL CLOSE, CHILLED WATER AND HOT WATER VALVES SHALL OPEN TO 100% (ADJUST PER CLIMATE) AND AN ALARM SHALL BE ANNUNCIATED AT THE BAS. A MANUAL RESET OF THE LOW LIMIT TEMPERATURE SWITCH SHALL BE REQUIRED TO RESTART THE FANS.

FILTER STATUS:

A DIFFERENTIAL PRESSURE SWITCH SHALL MONITOR THE DIFFERENTIAL PRESSURE ACROSS THE FILTER(S) WHEN THE FANS ARE RUNNING. IF THE SWITCH CLOSES DURING NORMAL OPERATION A DIRTY FILTER ALARM SHALL ANNUNCIATE AT THE BAS.

BUILDING PRESSURE CONTROL (RELIEF AIR):

WHEN THE SUPPLY FAN IS RUNNING AND THE MEASURED SPACE STATIC PRESSURE IS GREATER THAN THE SPACE STATIC SETPOINT OF 0.08 IN. W.C. (ADJ.), THE RELIEF AIR DAMPER SHALL MODULATE OPEN TO MAINTAIN THE SPACE STATIC PRESSURE AT SETPOINT. WHEN THE MEASURED SPACE STATIC PRESSURE FALLS BELOW SETPOINT BY 0.03 IN. W.C. (ADJ.), THE RELIEF AIR DAMPER SHALL MODULATE CLOSED. IF THE SPACE STATIC PRESSURE SENSOR FAILS, THE RELIEF AIR DAMPER SHALL MODULATE PROPORTIONALLY WITH THE OUTDOOR AIR DAMPER POSITION IF THE OUTDOOR AIR DAMPER OPENS GREATER THAN 25% (ADJ.). IF THE RELIEF FAN FAILS TO PROVE STATUS FOR 30 SECONDS (ADJ.), THE FAN SHALL BE COMMANDED OFF AND AN ALARM SHALL ANNUNCIATE AT THE BAS.

CONDENSATE OVERFLOW MONITORING:

IF THE CONDENSATE LEVEL REACHES THE TRIP POINT, A CONDENSATE OVERFLOW DIAGNOSTIC SHALL ANNUNCIATE AT THE BAS. TO PREVENT THE CONDENSATE DRAIN PAN FROM OVERFLOWING AND CAUSING WATER DAMAGE TO THE BUILDING THE SUPPLY FANS AND RETURN FAN SHALL BE DISABLED AND THE CHILLED WATER VALVE SHALL CLOSE.

SMOKE DETECTOR SHUTDOWN:

THE UNIT SHALL SHUT DOWN IN RESPONSE TO A SIGNAL FROM THE SMOKE DETECTOR INDICATING THE PRESENCE OF SMOKE. THE SMOKE DETECTOR SHALL BE INTERLOCKED TO THE UNIT THROUGH THE DRY CONTACTS OF THE SMOKE DETECTOR. A MANUAL RESET OF THE SMOKE DETECTOR SHALL BE REQUIRED TO RESTART THE UNIT.

DAMPER CONTROL:

THE RETURN AIR DAMPER WILL BE OPEN AND THE OUTSIDE AIR AND RELIEF AIR DAMPERS CLOSED WHEN UNIT IS OFF. AFTER THE SUPPLY FAN SPEED HAS STABILIZED AFTER STARTUP, THE OUTSIDE AIR DAMPER WILL MODULATE OPEN TO PROVIDE MINIMUM OUTSIDE AIR PER THE AFMS. IF THE OUTSIDE AIR DAMPER IS OPEN 100% AND THE OUTSIDE AIRFLOW IS BELOW SETPOINT, THEN MODULATE THE RETURN AIR DAMPER CLOSED IN PROPORTION.

AIR SIDE ECONOMIZER:

WHEN THE OUTSIDE AIR TEMPERATURE IS BELOW 55 DF, THE OUTSIDE AIR DAMPER AND THE RETURN AIR DAMPER SHALL MODULATE IN PROPORTION TO PROVIDE A SUPPLY AIR TEMPERATURE OF 55 DF. THE RELIEF DAMPER SHALL MODULATE IN PROPORTION TO THE OUTSIDE AIR DAMPER AND THE RELIEF AIR FAN VFD SHALL RAMP THE FAN SPEED TO MAINTAIN BUILDING STATIC PRESSURE SETPOINT OF +0.01" WG. WHEN THE OUTSIDE AIR TEMPERATURE IS ABOVE 55 DF, RETURN TO NORMAL MECHANICAL COOLING OPERATION.

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard. Suite 201
New Orleans, LA 70124
(504)835-8013

Michael G. Lachin, AIA

STAMP

RANDY B. REESE
LICENSED PROFESSIONAL ENGINEER
29025
2-20-2025
STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA | U.S. Department of Veterans Affairs

Drawing Title: MECHANICAL CONTROLS	Phase: FINAL SUBMISSION
Approved:	FULLY SPRINKLERED

Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
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Building Number	1
Location	1500 E. Woodrow Wilson Dr. Jackson, MS
Drawing Number	MH401
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VA FORM 08 - 6231

HEAT EXCHANGER SEQUENCE OF OPERATION

THE HEAT EXCHANGER CONTROL VALVES ($\frac{2}{3}$ CAPACITY AND $\frac{1}{3}$ CAPACITY VALVES) SHALL BE MODULATED BY THE EMS. THE LEAD HEATING WATER PUMP SHALL START. IF LEAD PUMP (HWP-1) FAILS THEN START LAG PUMP (HWP-2). LEAD/LAG PUMPS MONTHLY. THE HEAT EXCHANGER CONTROL VALVE CONTROLS SHALL VERIFY STEAM FLOW THROUGH THE HEAT EXCHANGER. THE HEAT EXCHANGER CONTROL VALVES CONTROLS SHALL THEN MODULATE THE STEAM RATE IN PROPORTION TO THE HEATING WATER SUPPLY TEMPERATURE AND THE SUPPLY WATER TEMPERATURE SETPOINT DIFFERENTIAL. HEAT EXCHANGER SUPPLY WATER TEMPERATURE SETPOINT RANGE SHALL BE 120°F TO 180°F. SUPPLY HEATING WATER SETPOINT SHALL BE BASED ON LINEAR RESET SCHEDULE IN COMPARISON TO OUTSIDE AIR TEMPERATURE. PROGRAM SUPPLY HEATING WATER TEMPERATURE RESET SCHEDULE SO THAT WHEN THE OUTDOOR AIR TEMPERATURE IS 30°F OR BELOW, THE WATER TEMPERATURE IS 180°F. WHEN THE OUTDOOR AIR TEMPERATURE IS 85°F OR ABOVE, THE SUPPLY WATER TEMPERATURE IS 120°F. TAB AGENT TO DETERMINE THE LOOP DIFFERENTIAL PRESSURE SETPOINT. PUMP SPEED TO BE CONSTANT SPEED.

PUMP CONTROL SEQUENCE

WHEN THE AHU STATUS IS ON, THE EMS ENERGIZES THE HEATING WATER PUMP TO OPERATE CONTINUOUSLY.

HEATING WATER CONTROL POINT LIST

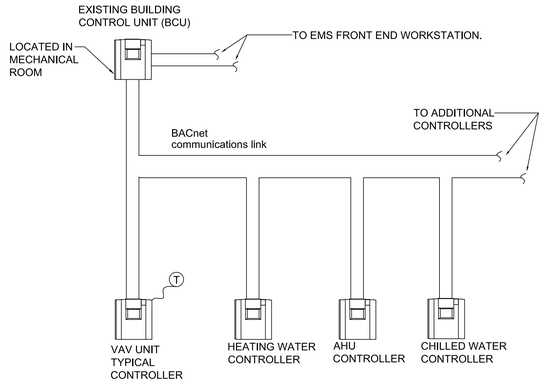
POINT DESCRIPTION	ANALOG INPUT	ANALOG OUTPUT	BINARY INPUT	BINARY OUTPUT	ALARM SETPOINT
2/3 CONTROL VALVE		X			
2/3 CONTROL VALVE		X			
HWP-1 PUMP S/S				X	
HWP-1 PUMP CT STATUS	X				
HWP-2 PUMP S/S				X	
HWP-2 PUMP CT STATUS	X				
HW SUPPLY TEMP (1)	X				
HW RETURN TEMP (4)	X				
HEAT EXCHANGER HW SUPPLY TEMP	X				HIGH LIMIT 180 DF
* DIFFERENTIAL PRESSURE WATER (4)	X				

* LOCATE DIFFERENTIAL PRESSURE WATER SENSOR AT FARTHEST END OF EACH LOOP CONTRACTOR TO PROVIDE FIELD CONTROLLER TO ALLOW SUFFICIENT CONTROL POINTS.

PROVIDE BACNET CONNECTION TO HEAT EXCHANGER CONTROL PANEL AND PROVIDE DATA POINTS SHOWN AT THE BAS FRONT END WORKSTATION GRAPHIC.

SUPPLY WATER TEMPERATURE RESET	
OUTSIDE AIR TEMP	SUPPLY WATER TEMP
85°F	120°F
25°F	180°F

38 HEATING WATER SYSTEM CONTROLS



ELECTRICAL CONTRACTOR TO PROVIDE POWER AND DISCONNECT (TOGGLE) SWITCH AT EACH 24 VOLT CONTROL TRANSFORMER AND BAS CONTROL CABINET. FOR PRICING PURPOSES CONSIDER THAT EACH VAV TERMINAL SHOWN ON DRAWINGS WILL HAVE A TRANSFORMER AND CONTROLLER. THIS IN ADDITION TO CONTROLLERS SHOWN ON THIS SCHEMATIC.

FOR MOTORIZED CONTROL DAMPERS (EX: OUTSIDE AIR DUCTS), MECHANICAL CONTRACTOR TO PROVIDE DAMPERS, CONTROLS CONTRACTOR TO PROVIDE ACTUATORS.

39 DIGITAL EMS SCHEMATIC

MECHANICAL CONTROLS

Revisions:	Date:

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A/E:

LACHIN Architects, apc

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5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

Michael G. Lachin, AIA

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	FULLY SPRINKLERED
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Location	1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date	2-20-2025
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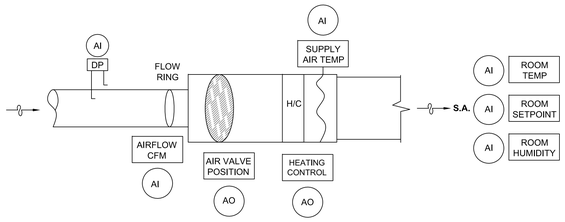
Project Number	586-22-102
Building Number	1
Drawing Number	MH402

VA FORM 08 - 6231

VAV CONTROL POINTS LIST(PER BOX)

POINT DESCRIPTION	ANALOG INPUT	ANALOG OUTPUT	BINARY INPUT	BINARY OUTPUT	NOTE:
SUPPLY AIR TEMPERATURE	X				
HEATING VALVE		X			
ROOM TEMPERATURE	X				HIGH: 80 ° F.
AIR VALVE POSITION		X			
ROOM TEMP SETPOINT	X				
AIRFLOW (CFM)	X				
HUMIDIFIER ENABLE				X	
HUMIDIFIER SETPOINT	X				
ROOM HUMIDITY	X				
DUCT HUMIDITY	X				HIGH: 85 %



VAV SEQUENCE OF OPERATION

SPACE TEMPERATURE SETPOINT SHALL BE 67 DF HEATING AND 74 DF COOLING. WHILE THE SPACE TEMPERATURE IS BETWEEN THE SETPOINTS +/- 1 DF, THE AIR DAMPER SHALL REMAIN AT LAST POSITION AND THE REHEAT SHALL BE OFF.

WHEN SPACE TEMPERATURE INCREASES ABOVE SETPOINT, ENABLE PID LOOP TO PROPORTIONALLY OPEN AIR DAMPER TO COOLING POSITION.

WHEN SPACE TEMPERATURE DECREASES BELOW SETPOINT, ENABLE PID LOOP TO PROPORTIONALLY CLOSE AIR DAMPER TO HEATING POSITION. IF SPACE TEMPERATURE CONTINUES TO DECREASE BELOW SETPOINT, MODULATE HOT WATER REHEAT VALVE IN PROPORTION.

PROGRAM UNOCCUPIED SCHEDULE FOR ALL VAV TERMINALS WITH HEATING CFM SETPOINT THAT IS 50% OF THE MINIMUM SHOWN ON SCHEDULE. ALSO PROVIDE UNOCCUPIED HEATING AND COOLING SETPOINTS AT EACH VAV OF 62 AND 80 DF. OWNER TO PROVIDE TIMES OF DAY FOR SCHEDULE IMPLEMENTATION.

HUMIDITY CONTROLS OPERATION

THE HUMIDIFIER WILL BE ENABLED WHEN SPACE RELATIVE HUMIDITY IS BELOW 35%. THE HUMIDITY SETPOINT FOR THE SPACE IS 45%. THE MANUFACTURER SHALL PROVIDE LOCAL CONTROL SENSORS, MODULATION SERVICES, PROGRAMMING AND STARTUP FOR THE HUMIDIFIERS.

40 VAV AIR TERMINAL UNIT SYSTEM CONTROLS

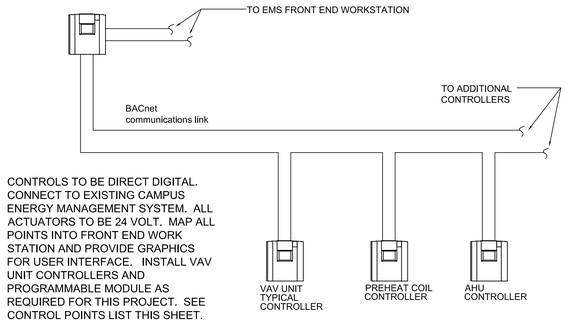
EXHAUST AND PUMP CONTROL POINTS LIST

POINT DESCRIPTION	ANALOG INPUT	ANALOG OUTPUT	BINARY INPUT	BINARY OUTPUT	ALARM SETPOINT
EXHAUST FAN-1 START/STOP				X	
EXHAUST FAN-1 STATUS	X				
EXHAUST FAN-2 START/STOP				X	
EXHAUST FAN-2 STATUS	X				

CONTRACTOR TO PROVIDE AND INSTALL MOTOR STARTERS AT ALL EXHAUST FANS TO ALLOW START/STOP FROM EMS. EXHAUST FANS SHALL BE SCHEDULED OFF DURING UNOCCUPIED PERIODS. CONTRACTOR TO COORDINATE WITH THE USER TO IDENTIFY SCHEDULES AND ASSOCIATED FANS.

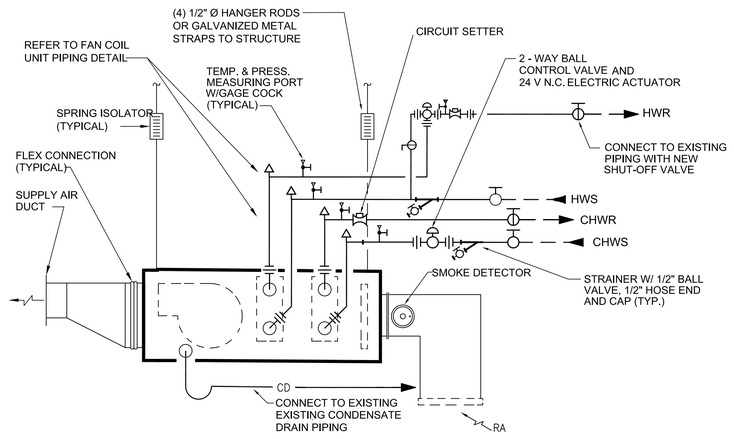
TEMPERATURE AND HUMIDITY CONTROL

	CHILLED WATER VALVE	HOT WATER REHEAT VALVE
SPACE TEMP BELOW SETPOINT	CLOSING	OPENING
SPACE TEMP AT SETPOINT	STEADY	STEADY
SPACE TEMP ABOVE SETPOINT	OPENING	CLOSING
SPACE HUMIDITY BELOW SETPOINT	MODULATING PER TEMP REQUIREMENTS	MODULATING PER TEMP REQUIREMENTS
SPACE HUMIDITY AT SETPOINT	MODULATING PER TEMP REQUIREMENTS	MODULATING PER TEMP REQUIREMENTS
SPACE HUMIDITY ABOVE SETPOINT	OPEN 100%	MODULATING TO MAINTAIN SPACE TEMP.

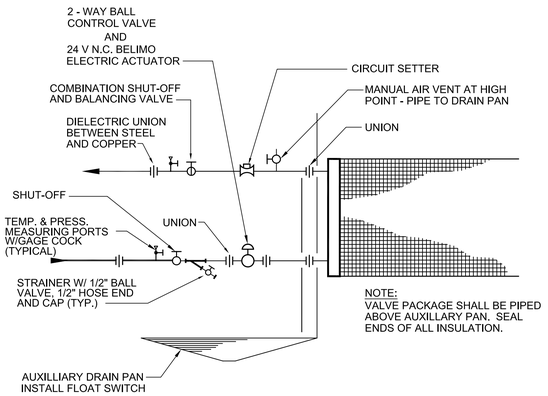


CONTROLS TO BE DIRECT DIGITAL. CONNECT TO EXISTING CAMPUS ENERGY MANAGEMENT SYSTEM. ALL ACTUATORS TO BE 24 VOLT. MAP ALL POINTS INTO FRONT END WORK STATION AND PROVIDE GRAPHICS FOR USER INTERFACE. INSTALL VAV UNIT CONTROLLERS AND PROGRAMMABLE MODULE AS REQUIRED FOR THIS PROJECT. SEE CONTROL POINTS LIST THIS SHEET.

41 DIGITAL EMS SCHEMATIC



42 FAN COIL UNIT DATA
NTS



43 FAN COIL UNIT PIPING
NTS

FAN COIL UNIT CONTROL POINTS LIST(PER UNIT)

POINT DESCRIPTION	ANALOG INPUT	ANALOG OUTPUT	BINARY INPUT	BINARY OUTPUT	NOTE:
SUPPLY AIR TEMP	X				
HEATING VALVE		X			
COOLING VALVE		X			
ROOM TEMP	X				HIGH: 80 ° F.
ROOM TEMP SETPOINT	X				
SUPPLY FAN CT STATUS SC200		X			
SUPPLY FAN S/S				X	
FAN SPEEDS (3)				X	

GENERAL:

FAN COIL UNIT (ITS HEATING COIL VALVE AND COOLING COIL VALVE) SHALL BE CONTROLLED BY THE SPACE TEMPERATURE AND HUMIDITY SENSOR/CONTROLLER. ALL FAN COIL UNITS SHALL BE PROVIDED WITH A COMBINATION WALL MOUNTED TEMPERATURE AND HUMIDITY SENSOR WHICH CAN CONTROL THE ROOM CONDITIONS AND ENABLE THE OCCUPANTS TO VARY THE SPACE SETPOINT OVER A LIMITED RANGE AS SPECIFIED BY THE DDC.

DESIGN INTENT IS FOR THIS UNIT TO RUN CONTINUOUSLY. CHILLED WATER VALVE MAINTAINS SPACE HUMIDITY BETWEEN 50-60% AND HOT WATER REHEAT VALVE MAINTAINS SPACE TEMPERATURE AT SETPOINT OF 72°F (OR OWNER DEFINED).

MODULATE COOLING AND HOT WATER REHEAT CONTROL TO MAINTAIN ROOM TEMPERATURE AND HUMIDITY SETPOINT. SEE CHART.

THE SPACE TEMPERATURE SENSOR SHALL DISPLAY TEMPERATURE SETPOINT, SPACE TEMPERATURE, HUMIDITY, AND HAVE ON/OFF/AUTO SWITCH WITH THREE SPEED ADJUSTMENT TO MATCH EXISTING.

EXISTING ENERGY CONTROL CENTER:

THE EXISTING ENERGY CONTROL CENTER (ECC) SHALL SEND THE CONTROLLER OCCUPIED BYPASS, OCCUPIED/UNOCCUPIED, AND HEAT/COOL MODES. THE ECC SHALL ALSO SEND THE SPACE TEMPERATURE SETPOINTS. IF COMMUNICATION IS LOST WITH THE ECC THE CONTROLLER SHALL OPERATE USING LOCAL CONTROLLER DEFAULT MODES AND SETPOINTS.

MECHANICAL CONTROLS

Revisions:	Date:

CONSULTANT
Consultant:

ARCHITECT/ENGINEER OF RECORD
A/E:
LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013
Michael G. Lachin, AIA

STAMP
RANDY B. REECE LICENSED PROFESSIONAL ENGINEER 29025 2-20-2025 STATE OF MISSISSIPPI

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: MECHANICAL CONTROLS	Phase: FINAL SUBMISSION	Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH	Project Number: 586-22-102
Approved:	FULLY SPRINKLERED	Location: 1500 E. Woodrow Wilson Dr. Jackson, MS	Building Number: 1
		Issue Date: 2-20-2025 / Checked: RBR / Drawn: RBR	Drawing Number: MH403 30 OF 33

VA FORM 08 - 6231

GRILLE, REGISTER, DIFFUSER SCHEDULE

MARK	EQUAL TO TITUS MODEL	DUTY TYPE	SIZE	MOUNTING	COLOR	REQUIRED CFM	MATERIAL	REMARKS
A	TMS AA	SUPPLY	24"x24"	LAY-IN	WHITE	AS SHOWN	ALUMINUM	SUPPLY AIR DIFFUSER.
B	TMS AA	SUPPLY	12"x12"	LAY-IN/CEILING SURFACE	WHITE	AS SHOWN	ALUMINUM	SUPPLY AIR DIFFUSER.
C	50F	RETURN/EXH	12"x12"	LAY-IN	WHITE	AS SHOWN	ALUMINUM	CUBE CORE GRILLE
D	50F	RETURN/EXH	24"x24"	LAY-IN	WHITE	AS SHOWN	ALUMINUM	CUBE CORE GRILLE
E	300 FL	SUPPLY	16"x12"	WALL SURFACE	WHITE	AS SHOWN	ALUMINUM	LOUVERED INTERIOR SUPPLY AIR WALL GRILLE (1 1/4" BLADE SPACING)
F	350 FL	SUPPLY	16"x12"	WALL SURFACE	WHITE	AS SHOWN	ALUMINUM	LOUVERED INTERIOR RETURN AIR WALL GRILLE (3/4" BLADE SPACING)

NOTE:
1. SUPPLY DIFFUSERS WILL HAVE ROUND NECK SIZES AS SHOWN ON DRAWING. NECK SIZE OF DIFFUSER SHOULD MATCH DUCT SIZE WHICH SERVES THAT DIFFUSER.
2. FOR THE SURFACE MOUNTED SUPPLY DIFFUSERS, A PLASTER RING MAY BE USED.

LOUVER SCHEDULE

MARK	EQUAL TO TITUS MODEL	DUTY TYPE	SIZE	MOUNTING	COLOR	REQUIRED CFM	MATERIAL	REMARKS
LV-1	RUSKIN ELF6375DX	INTAKE AIR	48"x48"	EXTERIOR WALL SURFACE	TO MATCH	AS SHOWN	ALUMINUM	USED AS LOUVERED EXTERIOR WALL GRILLE INCLUDE 3/4" MESH SCREEN

EXHAUST FAN SCHEDULE

MARK	LOREN COOK MODEL	CFM	MAX RPM	STATIC " W.G.	DRIVE TYPE	MOUNTING	ELECTRICAL	VFD	REMARKS
EF-1	12CVR	255	1725	2"	BELT	ROOF	230V 3PH, 3/4 HP	YES	PROVIDE WITH UNIT MOUNTED VFD AND WEATHERPROOF ENCLOSURE.
EF-2	12CVR	255	1725	2"	BELT	ROOF	230V 3PH, 3/4 HP	YES	PROVIDE WITH UNIT MOUNTED VFD AND WEATHERPROOF ENCLOSURE.

PROVIDE ACCESSORIES AS SHOWN OR NOTED. INSTALL SERVICE DISCONNECT TO ALL FANS.
BACKDRAFT DAMPERS, SPRING ISOLATORS, FLEXIBLE CONNECTIONS AND MOUNTING HARDWARE WITH ALL FANS.

HYDRONIC PUMP SCHEDULE

MARK	MAKE	MODEL	TYPE	SERIES	GPM	HEAD	EFFICIENCY	RPM	MOTOR HP	MOTOR VOLTS	MOTOR PHASE	VFD	REMARKS
HWP-1	BELL & GOSSETT	2BD	CCES	E-1531	175	70'	75.1%	1800	7.5	480	3	YES	PROVIDE WITH VFD, AND BACNET COMPATIBILITY
HWP-2	BELL & GOSSETT	2BD	CCES	E-1531	175	70'	75.1%	1800	7.5	480	3	YES	PROVIDE WITH VFD, AND BACNET COMPATIBILITY
CHP-1	BELL & GOSSETT	3EB	BMES	E-1510	250	70'	76.1%	1750	7.5	480	3	YES	PROVIDE WITH VFD, AND BACNET COMPATIBILITY
CHP-2	BELL & GOSSETT	3EB	BMES	E-1510	250	70'	76.1%	1750	7.5	480	3	YES	PROVIDE WITH VFD, AND BACNET COMPATIBILITY

PROVIDE TRIPLE DUTY VALVES FOR EACH PUMP: PROVIDE DANFOSS (OR EQUAL) VARIABLE SPEED DRIVES WITH HAND/OFF/AUTO/BYPASSCONFIGURATION FOR EACH PUMP AND INSTALL AS SHOWN.

STEAM HEAT EXCHANGER

MARK	MAKE	MODEL	STEAM PRESSURE	MBH OUTPUT	EWT	LWT	GPM	REMARKS
HX-1	BELL & GOSSETT	SU-106-2	10 PSI	3,000	150	180	175	
HX-2	BELL & GOSSETT	SU-106-2	10 PSI	3,000	150	180	175	

EXPANSION TANK SCHEDULE

MARK	MAKE	SYSTEM	SYSTEM DESIGN PARAMETERS TEMP. RANGE	VOLUME	FILL PRESS.	RELIEF	TANK SIZE MODEL	GAL.	
ET-1	BELL & GOSSETT	HEATING	60-180 F	100 GAL	40	125	B400	105.0	PROVIDE WITH AIR SEPARATOR EQUAL TO BELL & GOSSETT, ROLAIRTROL, MODEL RL-4F

MECHANICAL SCHEDULES

Revisions:	Date:

CONSULTANT
Consultant:

ARCHITECT/ENGINEER OF RECORD
A/E:
LA LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013
Michael G. Lachin, AIA

STAMP
SANDY B. REESE — REGISTERED PROFESSIONAL ENGINEER — 28025 — 2-20-2025 — STATE OF MISSISSIPPI

Office of Construction and Facilities Management
VA | U.S. Department of Veterans Affairs

Drawing Title: MECHANICAL SCHEDULES
Approved:
Phase: FINAL SUBMISSION
FULLY SPRINKLERED
Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location: 1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date: 2-20-2025
Checked: RBR
Drawn: RBR
Project Number: 586-22-102
Building Number: 1
Drawing Number: MH501

VA FORM 08 - 6231

AIR HANDLING UNIT SCHEDULE

MARK	MAKE	MODEL	TYPE	FANS AND MOTORS										COILS	FILTERS	REMARKS
				CFM	MIN. OA	MAX. OA	ESP	TYPE	RPM	# FANS	HP (EACH)	V	Ø	VFD	COOLING		
AHU-1	TRANE	CSAA040	MODULAR	20,250	7,000	10,000	6"	AF-BI	1800	4	20	460	3	YES	CC-AHU-1	PF-1 (MERV 8), PF-2 (MERV 11)	FEILD INSTALLED UV LIGHTS. SEE SPECS.

NOTE:
PROVIDE MOTOR HORSEPOWER WITH 130% OF SELECTED BRAKE HORSEPOWER.
AIR HANDLING UNIT MUST BE CONSTRUCTED OF R-13 DOUBLE WALL INSULATION WITH THERMAL BREAKS.
PROVIDE FANS WITH BACKDRAFT DAMPERS AND VIBRATION SENSORS
LED LIGHTS TO BE PROVIDED AT ALL SECTIONS ALONG WITH GFCI OUTLET.
PROVIDE WITH STAINLESS STEEL DRAIN PAN AND STAINLESS STEEL COIL CASING.
PROVIDE WITH LUMALIER (OR EQUAL) UVC LIGHTS DOWNSTREAM OF COOLING COIL.
PROVIDE WITH DOORS AT ALL ACCESS SECTIONS AND THERMAL WINDOW ON UVC SECTION.
DUCT-MOUNTED AIRFLOW MEASURING STATION.
AIR HANDLERS TO BE MOUNTED ON 6" BASERAIL.
AIR HANDLER TO BE PROVIDED WITH LCD DISPLAY ON AIR HANDLER CONTROLLER.
8-ROW COOLING COIL
PROVIDE (1) MANUFACTURER PROVIDED, EXTERNALLY MOUNTED, DANFOSS VARIABLE SPEED DRIVE, 'PER FAN', WITH HAND/OFF/AUTO/BYPASS CONFIGURATION AND INSTALL AS SHOWN.

UNIT ELECTRICAL				
CIRCUIT	VOLTAGE/PHASE/FREQUENCY	FLA	MCA	FUSE SIZE
AHU-1: CIRCUIT #1 (SUPPLY FAN MOTOR)	430 / 3 / 60	109.3 A	116.05 A	125 A
AHU-1: CIRCUIT #2 (UV LIGHTS)	115 / 1 / 60	2.6 A	3.25 A	15 A
AHU-1: CIRCUIT #1 (RECEPTACLE)	430 / 3 / 60	8.0 A	10.0 A	15 A

COIL SCHEDULE

MARK	MAKE	MODEL	CFM	EA DB/WB	LA DB/WB	EWT/LWT	TOT MBH	SENS MBH	APD IN WG	GPM	REMARKS
PHC-AHU-1	TRANE	5W	10,000	20.0°/--	60.0°/--	180.0°/130.0°	433.8	--	0.91"	30	SEE SPECIFICATIONS
CC-AHU-1	TRANE	UU	20,250	85.0°/71°	52.0°/51.9°	45.0°/55.0°	1240	716.24	0.91"	250	SEE SPECIFICATIONS

MINIMUM: TUBE DIAMETER 3/8"
TUBE WALL THICKNESS .012"
FIN THICKNESS .0075"
8 ROW COOLING

MAXIMUM: FINS PER INCH 11 STAINLESS COIL CASING
FACE VELOCITY 550 FEET PER MINUTE

FILTER HOUSING

MARK	MAKE EQUAL TO	MODEL	SERVES	NUMBER OF FILTERS	FILTER SIZE	REMARKS
FH-1	KOCH FILTER	2Hx5W	AHU-1	10	24"x24"x2"	MERV 16 FINAL FILTERS

NOTE: FILTER HOUSING WITH REMOVABLE ACCESS DOORS FOR FILTER SERVICE FROM FRONT SIDE OF THE UNIT.

AIRFLOW MEASURING STATION

MARK	MAKE	MODEL	SERVES	CALIBRATED RANGE	REMARKS
AFMS-1	EBTRON	STX104-P	AHU-1	0-5000 FPM	NOTE 1

NOTE 1: PROVIDE ALL MOUNTING HARDWARE AND INSTALL PER MANUFACTURER. COORDINATE WITH DIVISION 16 TO PROVIDE 110 VOLT POWER TO UNIT.
UNIT TO BE INSTALLED IN OUTSIDE AIR INTAKE HOOD/MODULE TO MEASURE FRESH AIR. INSTALL PER MANUFACTURER IN STRAIGHT DUCT SECTION.

GRAVITY VENTILATOR SCHEDULE

MARK	MAKE	MODEL	TYPE	FINISH	WIDTH	HEIGHT	FACE VELOCITY	P.D.	REMARKS
GV-1	COOK	12TR	ROOF TOP GRAVITY VENTILATOR	ALUMINUM	27"	27"	500 FPM	0.05"	WITH BACKDRAFT DAMPER

FAN COIL UNIT SCHEDULE

MARK	MAKE	MODEL	TYPE	FAN AND MOTOR											COILS		FILTERS	REMARKS
				CFM	MIN. OA	ESP	TYPE	RPM	MIN HP	V	Ø	VFD	MCA	MAX FUSE SIZE	COOLING	REHEAT		
FCU-1	TRANE	FCC*030	HORIZONTAL	250	--	0.5"	AF-BI	ADJ	0.5	115	1	NO	2.75	15.00	CC-12	HC-12	PF-30%	

UNIT DISCONNECTS BY ELECTRICAL CONTRACTOR
TAB AGENT TO ADJUST FAN SPEED WITH CONTROLLER FOR AIRFLOW SHOWN.

NOTES: EVERY FCU REQUIRES 110 VOLTS FOR THE 24 VOLT 50-VA TRANSFORMER.
DIVISION 26/16 TO PROVIDE AND INSTALL POWER TO ALL EMS CONTROLLERS ON THIS PROJECT. COORDINATE CONTROLLER LOCATIONS WITH APPROVED CONTROL SUBMITTALS.

CONTROLLERS, TEMPERATURE SENSORS, AND CONTROL VALVES TO BE PROVIDED BY JOHNSON CONTROLS; TRANE (OR FCU MANUFACTURER) TO PROVIDE TRANSFORMERS.

COIL SCHEDULE

MARK	MAKE	MODEL	CFM	EA DB/WB	LA DB/WB	EWT/LWT	TOT MBH	SENS MBH	GPM	REMARKS
CC-1	TRANE	WW	250	80.0°/67.0°	55.0°/55.0°	45.0°/57.0°	5.8	4.8	1.5	3-ROW
HC-1	TRANE	WW	250	55°	75°	150.0°/130.0°	5.1	5.1	1.0	1-ROW

MECHANICAL SCHEDULES

Revisions:	Date:

CONSULTANT
Consultant:

ARCHITECT/ENGINEER OF RECORD
A/E:
LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013
Michael G. Lachin, AIA

STAMP
RANDY B. REECE — REGISTERED PROFESSIONAL ENGINEER — 29025 — 2-20-2025 — STATE OF MISSISSIPPI

Office of Construction and Facilities Management
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Drawing Title: MECHANICAL SCHEDULES	Phase: FINAL SUBMISSION	Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH	Project Number: 586-22-102
Approved:	FULLY SPRINKLERED	Location: 1500 E. Woodrow Wilson Dr. Jackson, MS	Building Number: 1
		Issue Date: 2-20-2025 / Checked: RBR / Drawn: RBR	Drawing Number: MH502

VA FORM 08 - 6231

RELIEF FAN SCHEDULE

MARK	GREENHECK MODEL	CFM	MOTOR RPM	STATIC " W.G.	DRIVE TYPE	MOUNTING	ELECTRICAL	VFD	REMARKS
RAF-1	QEID-24	12,000	1770	3"	DIRECT	ROOF	460V 3PH, 15 HP	YES	PROVIDE WITH ECM MOTOR.

PROVIDE ACCESSORIES AS SHOWN OR NOTED. INSTALL SERVICE DISCONNECT TO ALL FANS.
BACKDRAFT DAMPERS, SPRING ISOLATORS, FLEXIBLE CONNECTIONS AND MOUNTING HARDWARE WITH ALL FANS.

RAF-1 : SELECTED OPTIONS AND ACCESSORIES

Finish - Coated
Factory Vibration Test – 0.08 in/sec, Peak, Horizontal Plane, Filter-in as measured at the fan RPM
Coating - Permatector, Concrete Gray-RAL 7023, Fan and Attached Accessories
Hanging, Isolator-Spring, Hanging, 2 Inch
Switch - NEMA-3R, Toggle, For Indoor or Outdoor Use, Ship Separate
Quick opening inspection door
Extended Motor Wiring
Inlet Flange - Punched
Outlet Flange - Punched
Companion Flange - Inlet and Outlet, Punched, Coated Steel
Sealed motor bearings or copper extended lube lines
Thrust Restraints
UL/cUL-705 - Power Ventilators
Housing is not sealed for outdoor use

VAV REHEAT BOX SCHEDULE

MARK	MAKE	MODEL	TYPE	SIZE	OCCUPIED COOLING		OCCUPIED HEATING COIL									NC@ 1.5"PS	REMARKS
					CFM	SPD	CFM	EAT	LAT	MBH	GPM	EWT	LWT	WPD	APD	ROWS	
1	TRANE	VCWF	V V R	06"	150	.50"	100	55.0°	95.0°	3.9	0.5	180°	150°	4.0'	.30"	2	35	3-WAY VALVE
2	TRANE	VCWF	V V R	06"	150	.50"	100	55.0°	95.0°	3.9	0.5	180°	150°	4.0'	.30"	2	35	2-WAY VALVE
3	TRANE	VCWF	V V R	06"	150	.50"	100	55.0°	95.0°	3.9	0.5	180°	150°	4.0'	.30"	2	35	2-WAY VALVE
4	TRANE	VCWF	V V R	06"	150	.50"	100	55.0°	95.0°	3.9	0.5	180°	150°	4.0'	.30"	2	35	2-WAY VALVE
5	TRANE	VCWF	V V R	12"	1100	.50"	660	55.0°	95.0°	28.5	2.0	180°	150°	4.0'	.30"	2	35	2-WAY VALVE
6	TRANE	VCWF	V V R	06"	150	.50"	100	55.0°	95.0°	3.9	0.5	180°	150°	4.0'	.30"	2	35	3-WAY VALVE
7	TRANE	VCWF	V V R	06"	270	.50"	165	55.0°	95.0°	7.0	0.5	180°	150°	4.0'	.30"	2	35	2-WAY VALVE
8	TRANE	VCWF	V V R	10"	900	.50"	540	55.0°	95.0°	23.3	2.0	180°	150°	4.0'	.30"	2	35	2-WAY VALVE
9	TRANE	VCWF	V V R	06"	220	.50"	135	55.0°	95.0°	5.7	0.5	180°	150°	4.0'	.30"	2	35	3-WAY VALVE
10	TRANE	VCWF	V V R	08"	550	.50"	330	55.0°	95.0°	14.3	1.0	180°	150°	4.0'	.30"	2	35	2-WAY VALVE
11	TRANE	VCWF	V V R	08"	450	.50"	270	55.0°	95.0°	13.1	1.0	180°	150°	4.0'	.30"	2	35	2-WAY VALVE
12	TRANE	VCWF	V V R	06"	230	.50"	140	55.0°	95.0°	6.0	0.5	180°	150°	4.0'	.30"	2	35	2-WAY VALVE
13	TRANE	VCWF	V V R	06"	225	.50"	140	55.0°	95.0°	6.0	0.5	180°	150°	4.0'	.30"	2	35	2-WAY VALVE
14	TRANE	VCWF	V V R	06"	100	.50"	65	55.0°	95.0°	2.6	0.5	180°	150°	4.0'	.30"	2	35	2-WAY VALVE
15	TRANE	VCWF	V V R	06"	110	.50"	70	55.0°	95.0°	2.9	0.5	180°	150°	4.0'	.30"	2	35	2-WAY VALVE
16	TRANE	VCWF	V V R	06"	120	.50"	75	55.0°	95.0°	3.1	0.5	180°	150°	4.0'	.30"	2	35	3-WAY VALVE
17	TRANE	VCWF	V V R	06"	130	.50"	80	55.0°	95.0°	3.4	0.5	180°	150°	4.0'	.30"	2	35	2-WAY VALVE
18	TRANE	VCWF	V V R	06"	110	.50"	70	55.0°	95.0°	2.9	0.5	180°	150°	4.0'	.30"	2	35	2-WAY VALVE
19	TRANE	VCWF	V V R	06"	110	.50"	70	55.0°	95.0°	2.9	0.5	180°	150°	4.0'	.30"	2	35	3-WAY VALVE
20	TRANE	VCWF	V V R	06"	110	.50"	70	55.0°	95.0°	2.9	0.5	180°	150°	4.0'	.30"	2	35	2-WAY VALVE
21	TRANE	VCWF	V V R	06"	110	.50"	70	55.0°	95.0°	2.9	0.5	180°	150°	4.0'	.30"	2	35	2-WAY VALVE
22	TRANE	VCWF	V V R	06"	245	.50"	150	55.0°	95.0°	6.4	0.5	180°	150°	4.0'	.30"	2	35	2-WAY VALVE
23	TRANE	VCWF	V V R	08"	450	.50"	270	55.0°	95.0°	11.6	1.0	180°	150°	4.0'	.30"	2	35	2-WAY VALVE
24	TRANE	VCWF	V V R	06"	125	.50"	75	55.0°	95.0°	3.3	0.5	180°	150°	4.0'	.30"	2	35	2-WAY VALVE
25	TRANE	VCWF	V V R	08"	315	.50"	125	55.0°	95.0°	6.0	0.5	180°	150°	4.0'	.30"	2	35	2-WAY VALVE

NOTE: EVERY VAV BOX REQUIRES 110 VOLTS FOR THE 24 VOLT 50-VA TRANSFORMER.
DIVISION 26/16 TO PROVIDE AND INSTALL POWER TO ALL EMS CONTROLLERS ON THIS PROJECT.
COORDINATE CONTROLLER LOCATIONS WITH APPROVED CONTROL SUBMITTALS.

CONTROLLERS, TEMPERATURE SENSORS, AND CONTROL VALVES TO BE PROVIDED BY JOHNSON CONTROLS; TRANE (OR VAV BOX MANUFACTURER) TO PROVIDE TRANSFORMERS.

EVERY VAV BOX TO BE PROVIDED WITH BOTTOM ACCESS PANEL AT REHEAT COIL FOR CLEANING PURPOSES.

MECHANICAL SCHEDULES

Revisions:	Date:

CONSULTANT
Consultant:

ARCHITECT/ENGINEER OF RECORD
A/E: LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013
Michael G. Lachin, AIA

STAMP
RANDY B. REECE — LICENSED ARCHITECT — 20025 — 2-20-2025 — STATE OF MISSISSIPPI

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

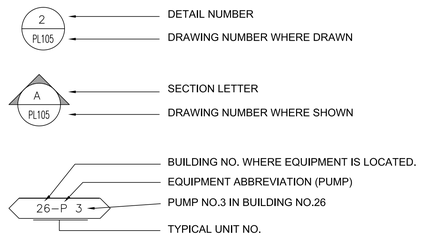
Drawing Title: MECHANICAL SCHEDULES
Approved:
Phase: FINAL SUBMISSION
FULLY SPRINKLERED
Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location: 1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date: 2-20-2025
Checked: RBR
Drawn: RBR
Project Number: 586-22-102
Building Number: 1
Drawing Number: MH503
33 OF 33

VA FORM 08 - 6231

PLUMBING ABBREVIATIONS

A/E	ARCHITECT / ENGINEER
ABV	ABOVE THE CEILING
AD	AREA DRAIN
AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
AG	AIR GAP
AP	ACCESS PANEL
AS	AUTOMATIC SPRINKLER
ASD	ADJUSTABLE SPEED DRIVES
ASD	AUTOMATIC SPRINKLER DRAIN
ASHRAE	AMERICAN SOCIETY HEATING, REFRIGERATION, AIR CONDITIONING ENGINEERS
ASME	AMERICAN SOCIETY MECHANICAL ENGINEERS
ASPE	AMERICAN SOCIETY PLUMBING ENGINEERS
ASR	AUTOMATIC SPRINKLER RISER
AV	ACID VENT
AW	ACID WASTE
BFP	REDUCED PRESSURE BACKFLOW PREVENTER
BHP	BREAK HORSEPOWER
BSP	BLACK STEEL PIPE
BT	BATHTUB
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNIT PER HOUR
C	CELSIUS
CGA	COMPRESSED GAS ASSOCIATION
CI	CAST IRON
CLG	CEILING
CO	CLEANOUT
CS	CLINICAL SINK
CV	CONTROL VALVE
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
DHWR	DOMESTIC HOT WATER RETURN
DHWR	DOMESTIC WATER RETURN
DHWS	DOMESTIC HOT WATER SUPPLY
DI	DEIONIZED WATER
DN	DOWN
DOE	DEPARTMENT OF ENERGY
DS	DOWNSPOUT
DW	DISHWASHER
DWG	DRAWING
DWH	DOMESTIC WATER HEATER
DWR	DRINKING WATER RETURN
DWS	DRINKING WATER SUPPLY
DWV	DRAIN WASTE VENT
EL	ELEVATION
EMCS	ENERGY MONOSERRAT AND CENTRAL SYSTEM
EPA	ENVIROMENTAL PROTECTION AGENCY
EPACT	ENERGY POLICY ACT
ESC	ESCUTCHEON
ESH	EMERGENCY SHOWER
ET	EXPANSION TANK
EWC	ELECTRIC WATER COOLER
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
EWS	EYE WASH STATION
EX	EXISTING
F	FAHRENHEIT
FCO	FLOOR CLEANOUT
FCW	FILTERED COLD WATER
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT (HOSE) CONNECTION
FM	FLOW METER
FOP	FUEL OIL PUMP
FOR	FUEL OIL RETURN
FOS	FUEL OIL SUPPLY
FOV	FUEL OIL VENT
FS	FLOOR SINK
FS	FLOW SWITCH
FU	FIXTURE UNITS
GAL	GALLON
GCO	GRADE CLEANOUTS
GPD	GALLONS PER DAY
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GPR	GAS PRESSURE REGULATOR
GRS	GAS REGULATOR STATION
GT	GREASE TRAP
GVTR	GAS VENT THROUGH ROOF
GWH	GAS FIRED WATER HEATER
H&CW	HOT AND COLD WATER
HB	HOSE BIBB
HD	HUB DRAIN
HEX	HEAT EXCHANGER
HP	HORSEPOWER
HS	HAND SINK
HST	HOT WATER STORAGE TANK (DOMESTIC)
HWB	HOT WATER BOILER
HWCP	HOT WATER CIRCULATING PUMP
HWP	HOT WATER PUMP
HYD	HYDRANT
ICW	INDUSTRIAL COLD WATER
INV	INVERT
IPC	INTERNATIONAL PLUMBING CODE
IRW	IRRIGATION WATER
IW	INDIRECT WASTE
IWH	INSTANTANEOUS WATER HEATER
IWR	INDUSTRIAL WATER RETURN
IWS	INDUSTRIAL WATER SUPPLY
KW	KILOWATT
KWHR	KILOWATT-HOUR
L/S	LITER PER SECOND
LA	LABORATORY AIR
LAV	LAVATORY
LBS/HR	POUNDS PER HOUR
LCW	LABORATORY COLD WATER
LHW	LABORATORY HOT WATER
LNG	LIQUID NATURAL GAS
LOX	LIQUID OXYGEN
LV	LABORATORY VACUUM
LW	LOW WATER
M	METER
MA	MEDICAL AIR
MAV	MANUAL AIR VENT
MBH	1000 BTUH
MED	MEDICAL
MER	MECHANICAL EQUIPMENT ROOM
MH	MANHOLE
MOU	MEMORANDUM OF UNDERSTANDING
MSB	MOP SERVICE BASIN
MV	MEDICAL VACUUM
N2	NITROGEN
N20	NITROUS OXIDE
NC	NORMALLY CLOSED
NG	NATURAL GAS
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NOM.	NOMINAL
NPW	NON POTABLE WATER
NTC	NOT TO SCALE
O2	OXYGEN
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFD	OVERFLOW DRAIN
OR	OPERATING ROOM
OVFL	OVERFLOW
PA	PASCAL
PD	PRESSURE DROP OR DIFFERENCE
PDI	PLUMBING AND DRAINAGE INSTITUTE
PG	PRESSURE GAGE
PP	PLUMBING PUMP
PPM	PARTS PER MILLION
PRS	PRESSURE REDUCING STATION
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
PSIA	POUNDS PER SQUARE INCH ATMOSPHERE
PSIG	POUNDS PER SQUARE INCH GAUGE
PTRV	PRESSURE TEMPERATURE RELIEF VALVE
PW	POTABLE WATER
RD	ROOF DRAIN
RDL	ROOF DRAIN LEADER
RL	ROOF LEADER
RO	REVERSE OSMOSIS WATER
RWL	RAIN WATER LEADER
SAN	SANITARY SEWER
SMACNA	SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION
SCFM	STANDARD CUBIC FOOT/MINUTE
SCW	SOFTENED COLD WATER
SDMH	STORM DRAIN MANHOLE
SP	SUMP PUMP
SPR	SPRINKLER LINE
SQFT	SQUARE FEET
SS	STAINLESS STEEL
ST	STORAGE TANK
SW	STORM WATER
TCV	TEMPERATURE CONTROL VALVE
TD	TEMPERATURE DIFFERENCE
TD	TRENCH DRAIN
TDH	TOTAL DYNAMIC HEAD
TEMP	TEMPERATURE
TMV	THERMOSTATIC MIXING VALVE
TP	TRAP PRIMER
TSTAT	THERMOSTAT
TWR	TEMPERED WATER RETURN
TWS	TEMPERED WATER SUPPLY
TYP	TYPICAL
UPC	UNIFORM PLUMBING CODE
V	VENT
VAC	VACUUM
VB	VACUUM BREAKER
VCO	VACUUM CLEANER OUTLET
VCP	VITREOUS CLAY PIPE
VP	VACUUM PUMP
VS	VENT STACK
VTR	VENT THROUGH ROOF
W	WASTE
WC	WATER CLOSET
WCO	WALL CLEANOUT
WG	WATER GAGE
WH	WATER HEATER
WHA	WATER HAMMER ARRESTER
WL	WATER LINE
WM	WATER METER
WPD	WATER PRESSURE DROP
WS	WASTE STACK
YCO	YARD CLEANOUT
YH	YARD HYDRANT

DRAWING SYMBOLS



GENERAL NOTES

A. ALL UTILITY INTERRUPTIONS MUST BE REQUESTED AND APPROVED IN ADVANCE.

B. FIELD LOCATE AND PROTECT THE PLUMBING RISERS THAT ARE TO REMAIN IN SERVICE DURING THE DEMOLITION AND CONSTRUCTION PHASES OF THE PROJECT. COORDINATE ALL WORK WITH THE OWNER AS REQUIRED.

C. WASTE AND VENT PIPING TO BE STANDARD WEIGHT NO-HUB CAST IRON PIPE WITH NEOPRENE RUBBER SLEEVES AND STAINLESS STEEL SHIELD CONNECTIONS.

D. INSTALL LABELS ON ALL PIPE SURFACES AND INSULATION SURFACES ABOVE THE CEILING TO IDENTIFY PIPE, EVERY 20 FEET.

E. SUPPORT ALL PIPE FROM STRUCTURE ABOVE WITH CLEVIS HANGERS. CONTRACTOR TO SUPPORT WASTE AND VENT PIPING ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

F. ALL WASTE PIPING TO BE SLOPED AT 1/8" OR 1/4" PER FOOT AS REQUIRED FOR THE PIPE SIZE IN CONFORMANCE WITH THE MOST RECENT INTERNATIONAL PLUMBING CODE.

G. ROUGH IN PLUMBING CONNECTIONS FOR THE NEW FIXTURES ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

H. X-RAY THE EXISTING CONCRETE SLAB AS REQUIRED PRIOR TO CORING FOR THE INSTALLATION OF NEW WASTE, VENT, STORM, HOT AND COLD WATER PIPING. PROVIDE INFORMATION FOR THE STRUCTURAL ENGINEER FOR REVIEW. EXISTING PIPING OPENING THROUGH THE FLOOR TO BE SEAL PER ARCHITECTS INSTRUCTION TO MAINTAIN PENETRATION RATING.

I. WASTE PIPING SHOWN IS BELOW THE FLOOR LEVEL. VENT PIPING SHOWN IS ABOVE THE CEILING LEVEL.

J. ALL PLUMBING ON THIS PROJECT WILL BE CONCEALED BELOW FLOOR, ABOVE CEILING, IN WALL, IN CHASE, OR ELSE AS PER ENGINEER.

K. MODIFICATION OF THE STORM WATER PIPING IS EXPECTED ON THIS PROJECT TO BE OFFSET AS REQUIRED DUE TO NEW WALL LOCATIONS. CONTRACTOR TO PROVIDE ANY OFFSETS REQUIRED TO KEEP ANY VERTICAL STORM WATER, SANITARY SEWER, AND VENT PIPING IN WALLS TO BE CONCEALED.

L. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL PENETRATIONS FOR NEW SANITARY SEWER ROUGH IN AND FIRE STOPPING ALL WALL, CEILING, AND FLOOR PENETRATIONS OF FIRE RATED ASSEMBLIES. SEE ARCHITECTURAL PLANS FOR WALL RATINGS ON THIS PROJECT. CONTRACTOR TO CONSIDER ALL FLOOR PENETRATIONS AS RATED.

M. INSTALL FIRE CAULK AT ALL PIPE PENETRATIONS. CONTRACTOR TO SEAL PENETRATIONS WHERE PIPING IS REMOVED SO THAT RATING IS CONTINUOUS.

N. CONTRACTOR SHALL PROTECT ALL ITEMS IN THE WORK SPACE AND THE AREAS NEAR THE LOCATIONS WHERE HE WILL OPEN THE WATER PIPING DURING THIS PROJECT. THIS CONTRACTOR WILL BE RESPONSIBLE FOR WATER DAMAGE DUE TO HIS NEGLIGENCE OR LACK OF PROTECTION.

O. NEW SUPPLY PIPING TO BE TYPE L COPPER WITH SILVER SOLDERED FITTINGS. INSULATE ALL HOT WATER AND HOT WATER RECIRCULATION PIPING MINUMUM 1 1/2" PREFORMED FIBERGLASS PIPE INSULATION. SEE SPECS.

P. CONTRACTOR IS RESPONSIBLE FOR ITEMS INCLUDING FIXTURE MOUNTING HEIGHTS, GRAB BARS, FAUCET HANDLES, SEATS, PIPING INSULATION, LAVATORY BARRIERS, AND ELSE REQUIRED TO ENSURE THE ACCESSIBLE FIXTURES ON THIS PROJECT MEET THE REQUIREMENTS OF THE ADA GUIDELINE. CONSULT ENGINEER OR ARCHITECT FOR INFORMATION AS REQUIRED.

Q. PROVIDE AND INSTALL NEW BALL TYPE SHUTOFF VALVES IN CEILING ABOVE EACH FIXTURE FOR DOMESTIC WATER BRANCH LINES.

R. CONTRACTOR WILL BE RESPONSIBLE FOR ACCESSING THE CEILING SPACE ON THE FLOOR BELOW TO DEMO EXISTING PLUMBING PIPING THROUGH FIRST FLOOR AND ROUGHING IN NEW WASTE AND VENT PIPING FOR NEW FIXTURES ON FIRST FLOOR. THESE LOCATIONS WILL REQUIRE THE REMOVAL AND REPLACEMENT OF THE CEILINGS, LIGHT FIXTURES, DUCTWORK, REGISTER, GRILLES, CEILING MOUNTED DEVICES, RAILING SYSTEMS, AND ALL ELSE NECESSARY TO PERFORM WORK. ALL WORK MUST BE PLACED BACK INTO ITS ORIGINAL LOCATION AND CONDITION AT NO ADDITIONAL COST TO OWNER.

S. THE MODIFICATIONS SHOWN ON THIS DRAWING ARE BASED ON THE INSTALLATION SHOWN ON THE ORIGINAL CONSTRUCTION DRAWINGS. THE CONTRACTOR SHOULD EXPECT TO FIND THAT SOME OF THE PLUMBING SYSTEM SHOWN WILL NOT BE EXACTLY AS IT IS INSTALLED. CONTRACTOR IS ENCOURAGED TO FIELD VERIFY HIS WORK IN ADVANCE, AND MAY SCHEDULE A SITE VISIT BEFORE SUBMITTING ANY BID TO PERFORM THIS WORK.

PLUMBING PIPING SYMBOLS

	DOMESTIC COLD WATER, COLD WATER
	DOMESTIC HOT WATER, HOT WATER
	DOMESTIC HOW WATER RETURN, HOT WATER RETURN
D D D	DRAIN
SAN SAN SAN	SANITARY SEWER
SS SS SS	SANITARY SEWER (OPTIONAL)
SAN SAN SAN	SANITARY SEWER, BELOW GRADE
SD SD SD	STORM WATER
SD SD SD	STORM WATER, BELOW GRADE
SCW SCW SCW	SOFTEN COLD WATER
FCW FCW FCW	FILTERED COLD WATER
DWS DWS DWS	DRINKING WATER SUPPLY
DWR DWR DWR	DRINKING WATER RETURN
TWS TWS TWS	TEMPERED WATER SUPPLY
TWR TWR TWR	TEMPERED WATER RETURN
N2O N2O N2O	NITROUS OXIDE
O O O	OXYGEN
N_2 N_2 N_2	NITROGEN
NG NG NG	NATURAL GAS
NG NG NG	NATURAL GAS, BELOW GRADE
FOD FOD FOD	FUEL OIL DISCHARGE
FOS FOS FOS	FUEL OIL SUPPLY
FOV FOV FOV	FUEL OIL VENT
FOR FOR FOR	FUEL OIL RETURN

GENERAL PLUMBING SYMBOLS

	DIRECTION OF PIPE PITCH (DOWN)
	DIRECTION OF FLOW
	ANCHOR
	REDUCER OR INCREASER
	ECCENTRIC REDUCER
	TOP CONNECTION, 45° OR 90°
	BOTTOM CONNECTION, 45° OR 90°
	SIDE CONNECTION
	CAPPED OUTLET
	RISE OR DROP IN PIPE
	UNION
	PIPE UP
	PIPE DOWN
	POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK
	LIMIT OF DEMOLITION
	INVERTED BUCKET TRAP SET INCLUDING PIPING ACCESSORIES
	FLOAT & THERMOSTATIC TRAP SET INCLUDING PIPING ACCESSORIES
	STRAINER
	THERMOMETER
	PRESSURE GAGE
FE	FLOW ELEMENT
CO	CLEAN OUT
	HOSE BIB
	DEMO EQUIPMENT

PLUMBING VALVE SYMBOLS

	GATE VALVE
	GLOBE VALVE
	GATE VALVE WITH 3/4 " HOSE ADAPTER
	CHECK VALVE
	ANGLE GLOBE VALVE
	BUTTERFLY VALVE
	BALL VALVE
	MODULATING CONTROL VALVE
	TWO POSITION CONTROL VALVE
	THREE-WAY MODULATING CONTROL VALVE
	THREE-WAY TWO POSITION CONTROL VALVE
	PRESSURE REGULATING VALVE
	AUTOMATIC FLOW CONTROL VALVE
	PRESSURE RELIEF VALVE
	MANUAL AIR VENT
	TEST PLUG (PRESSURE/TEMPERATURE)
AV	AUTOMATIC AIR VENT

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LA LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

Michael G. Lachin, AIA

STAMP

RANDY B. REECE REGISTERED PROFESSIONAL ENGINEER 29025 2-20-2025 STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	PLUMBING SYMBOLS AND ABBREVIATIONS
Approved:	
Phase	FINAL SUBMISSION
	FULLY SPRINKLERED
Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location	1500 E. Woodrow Wilson Dr. Jackson, MS
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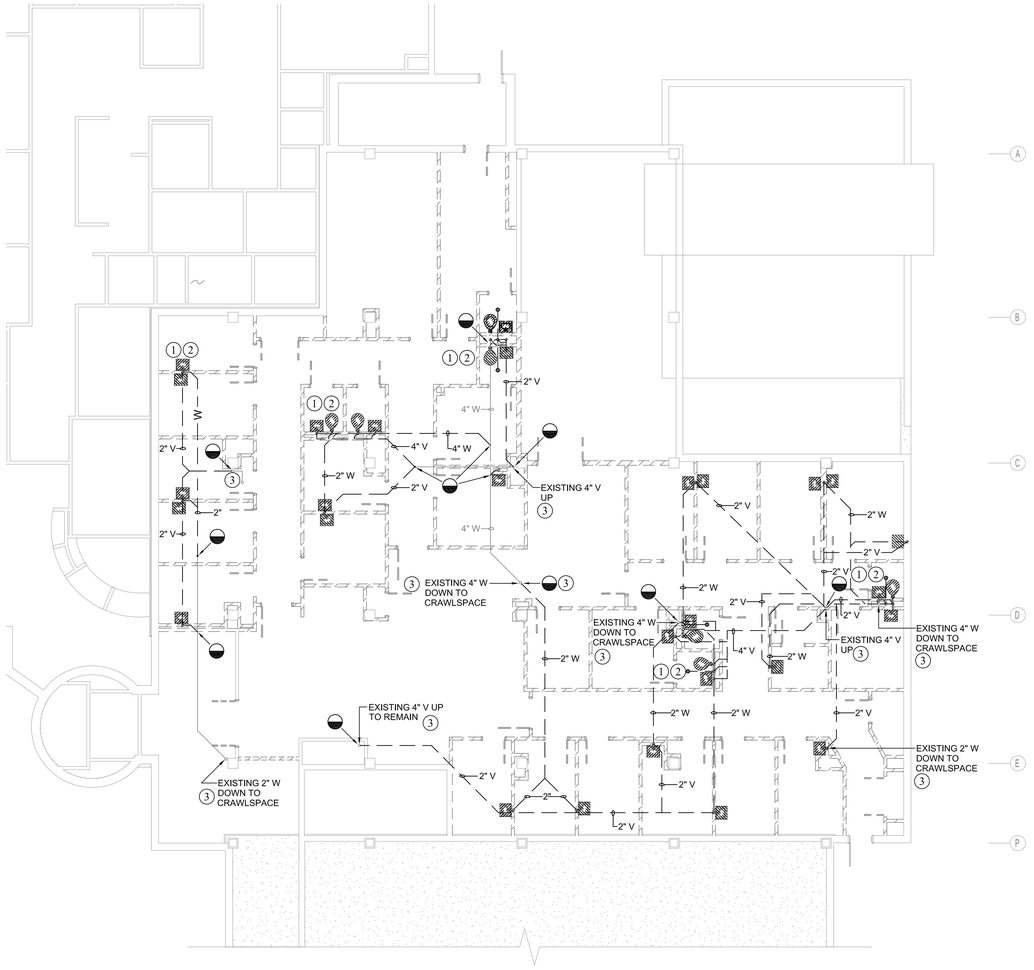
LEGEND	
EXISTING PIPING TO REMAIN	
EXISTING PIPE/EQUIPMENT TO BE REMOVED	
POINT OF DISCONNECT BETWEEN NEW & EXISTING UTILITY	



NUMBERED NOTES:

1. CONTRACTOR TO DISCONNECT AND REMOVE THE EXISTING PLUMBING FIXTURE (AND ASSOCIATED CARRIER) MARKED WITH HATCHING ACROSS FIXTURE. REMOVE ASSOCIATED WASTE, VENT, AND SUPPLY BRANCH PIPING THAT IS NOT REQUIRED FOR NEW FIXTURES ABOVE THE CEILING, IN THE WALL, AND BELOW THE FLOOR BACK TO NEAREST MAIN AND CAP. PROVIDE AND INSTALL FITTINGS, PLUGS AND CAPS ON PLUMBING PIPING AS REQUIRED TO MAINTAIN THE WASTE, VENT AND DOMESTIC WATER PIPING SYSTEM. USE SOLDERED CAP TO TERMINATE DOMESTIC WATER SUPPLY BRANCH PIPING THAT ARE NO LONGER REQUIRED FOR THIS RENOVATION WITHIN 12" OF THE MAIN BRANCH PIPES OR SHUTOFF VALVE/CAP, CONTRACTOR TO FIELD VERIFY EXISTING PLUMBING PIPING. TYPICAL IN ALL LOCATIONS.
2. DURING THIS RENOVATION PROJECT PLUMBING SERVICE TO BE MAINTAINED TO ALL FIXTURES LOCATED ON FLOORS ABOVE AND BELOW . PROVIDE OFFSETS FOR ANY STACKS AS REQUIRED TO CONCEAL PLUMBING PIPING IN THE WALLS. FIELD VERIFY EXISTING PLUMBING INSTALLATION AS REQUIRED. TYPICAL.
3. CONTRACTOR TO OFFSET EXISTING WASTE/VENT PIPING BELOW FLOOR AND ABOVE CEILING THAT SERVES FLOORS ABOVE AND BELOW TO BE ROUTED THROUGH THIS FLOOR LEVEL CONCEALED IN NEW WALLS.

GENERAL NOTES:

- G1 CONTRACTOR SHALL MAINTAIN PLUMBING WASTE AND SUPPLY SERVICE TO FLOORS ABOVE AND BELOW DURING THIS RENOVATION. OFFSET WASTE, VENT STACKS, AND STORM LEADERS AS REQUIRED TO REMAIN WITHIN WALLS ON THIS FLOOR LEVEL AND BE CONCEALED.
- G2 CONTRACTOR TO FIELD VERIFY THE LOCATION OF SHUTOFF VALVES OF DOMESTIC WATER SUPPLY PIPING. COORDINATE WITH COR.
- G3 CONTRACTOR TO LOCATE THE NEAREST EXISTING DOMESTIC HOT WATER RETURN PIPING ON THIS FLOOR. FIELD ROUTE RETURN PIPING TO NEW FIXTURES INSTALLED ON PLUMBING - NEW WORK SHEET.
- G4 ALL WALLS WITH WASTE PIPING 4" AND LARGER SHALL BE MINIMUM OF 6" INSIDE CLEAR. COORDINATE WITH GENERAL CONTRACTOR AND ARCHITECTURAL PLANS.
- G5 CONTRACTOR TO PROVIDE AND INSTALL FIRE STOP SYSTEM AT ALL PLUMBING PENETRATIONS OF FLOOR TO FLOOR SLABS.
- G6 THE MODIFICATIONS SHOWN ON THIS DRAWING ARE BASED ON THE INSTALLATION SHOWN ON THE ORIGINAL CONSTRUCTION DRAWINGS. THE CONTRACTOR SHOULD EXPECT TO FIND THAT SOME OF THE PLUMBING SYSTEM SHOWN WILL NOT BE EXACTLY AS IT IS INSTALLED. THE CONTRACTOR SHOULD FIELD VERIFY HIS WORK IN ADVANCE, AND MAY SCHEDULE A SITE VISIT BEFORE SUBMITTING ANY BID TO PERFORM THIS WORK. THE CONTRACTOR IS EXPECTED TO MAKE MINOR NECESSARY MODIFICATIONS WITHIN THE SCOPE OF THIS PROJECT AND WITHIN THE RENOVATION LIMITS TO THE EXISTING SYSTEMS WITHOUT ADDITIONAL COST TO THE COR.
- G7 WHERE MODIFICATIONS ARE REQUIRED TO MEDICAL/LABORATORY GAS SYSTEMS THE CONTRACTOR SHALL PERFORM ALL WORK PER THE NFPA 99.
- G8 CONTRACTOR WILL BE RESPONSIBLE FOR ACCESSING THE CEILING SPACE ON THE BASEMENT FLOOR TO DEMO EXISTING PLUMBING PIPING THROUGH FIRST FLOOR AND ROUGHING IN NEW WASTE, VENT, AND SUPPLY PIPING (WHERE APPLICABLE). FOR NEW FIXTURES ON FIRST FLOOR, THESE LOCATIONS WILL REQUIRE THE REMOVAL AND REPLACEMENT OF THE CEILINGS, LIGHT FIXTURES, DUCTWORK, REGISTER, GRILLES, CEILING MOUNTED DEVICES, RAILING SYSTEMS AND ALL ELSE NECESSARY TO PERFORM WORK. ALL WORK MUST BE PLACED BACK INTO ITS ORIGINAL LOCATION AND LIKE NEW CONDITION WITH NO ADDITIONAL COST TO THE COR. ANY WORK ABOVE CEILINGS IN OCCUPIED AREAS WILL REQUIRE SCHEDULING WITH THE OWNER.
- G9 WASTE PIPE SHOWN IS ROUTED BELOW THE FLOOR LEVEL AND VENT PIPE SHOWN IN ROUTED ABOVE CEILING LEVEL.

FIRST FLOOR PLAN - PLUMBING WASTE - DEMOLITION

SCALE: 1/8" = 1' - 0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E: LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013
Michael G. Lachin, AIA

STAMP

RANDY B. REECE, LICENSED PROFESSIONAL ENGINEER, 29025, 2-20-2025, STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

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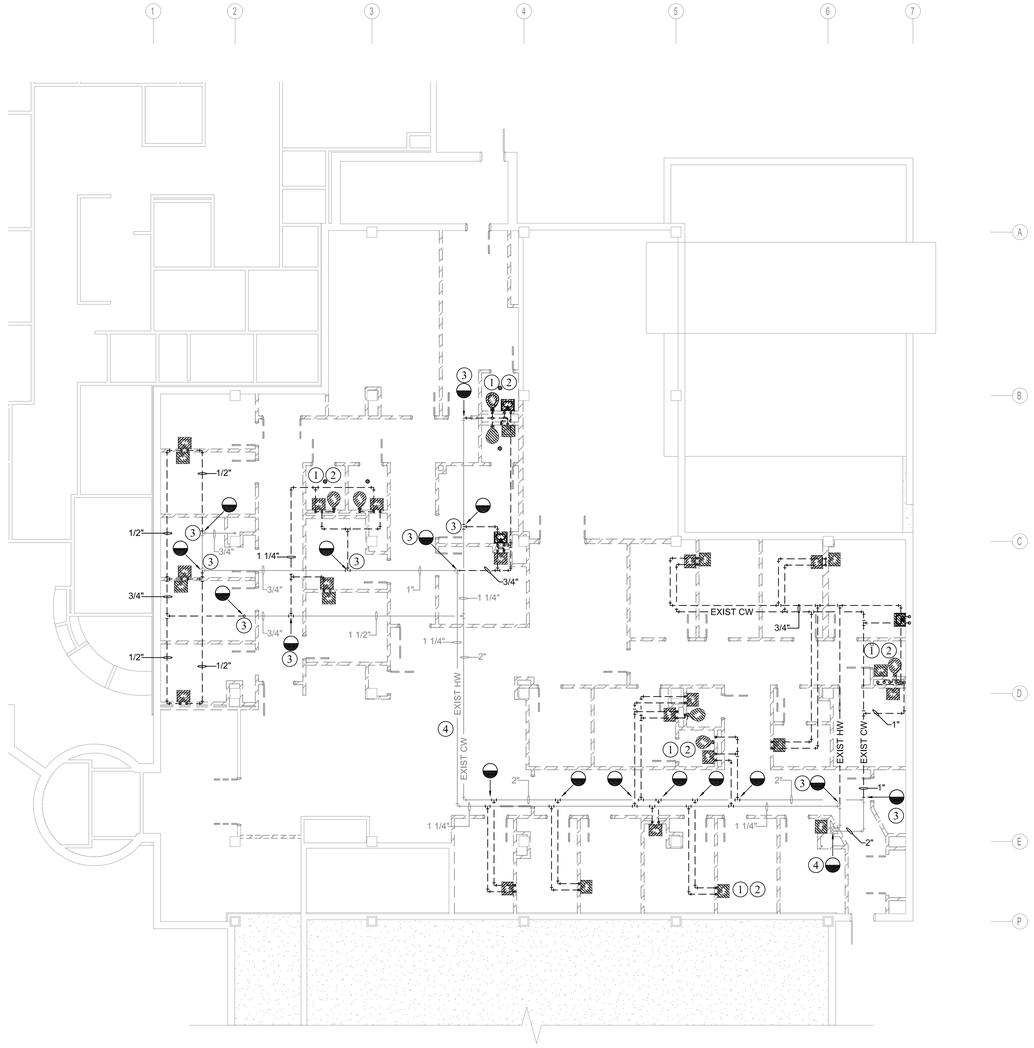

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2. DURING THIS RENOVATION PROJECT PLUMBING SERVICE TO BE MAINTAINED TO ALL FIXTURES LOCATED ON FLOORS ABOVE AND BELOW . PROVIDE OFFSETS FOR ANY STACKS/RISERS AS REQUIRED TO CONCEAL PLUMBING PIPING IN THE WALLS. FIELD VERIFY EXISTING PLUMBING INSTALLATION AS REQUIRED. TYPICAL.
3. CONTRACTOR TO DISCONNECT AND REMOVE THE EXISTING DOMESTIC WATER SUPPLY PIPING BACK TO MAIN AND CAP. TEMPORARILY VALVE OFF BRANCH DOMESTIC WATER SUPPLY PIPING FOR MODIFICATIONS FOR NEW FIXTURES. INSTALLATION OF NEW BRANCH SHUTOFF VALVE MAY BE REQUIRED. USE SOLDERED CAP TO TERMINATE THE ABANDONED PIPE NO FURTHER THAN TWICE DIAMETER OF BRANCH PIPE THAT IS NO LONGER USED IN THIS RENOVATION. ENSURE ADDITIONAL FIXTURES THAT ARE NOT PART OF THIS RENOVATION REMAIN IN SERVICE. FIELD VERIFY EXISTING PLUMBING PIPING AND VALVES. TYPICAL ALL FIXTURES.
4. EXISTING MAIN WATER SUPPLY RISERS AND HORIZONTAL PIPING TO REMAIN. COORDINATE WITH ARCHITECTURAL WALL LAYOUT AND PROVIDE OFFSETS AS REQUIRED. FIELD VERIFY.

GENERAL NOTES:

- G1 CONTRACTOR SHALL MAINTAIN PLUMBING WASTE AND SUPPLY SERVICE TO FLOORS ABOVE AND BELOW DURING THIS RENOVATION. OFFSET WASTE, VENT STACKS, AND STORM LEADERS AS REQUIRED TO REMAIN WITHIN WALLS ON THIS FLOOR LEVEL AND BE CONCEALED.
- G2 CONTRACTOR TO FIELD VERIFY THE LOCATION OF SHUTOFF VALVES OF DOMESTIC WATER SUPPLY PIPING. COORDINATE WITH COR.
- G3 CONTRACTOR TO LOCATE THE NEAREST EXISTING DOMESTIC HOT WATER RETURN PIPING ON THIS FLOOR. FIELD ROUTE RETURN PIPING TO NEW FIXTURES INSTALLED ON PLUMBING - NEW WORK SHEET.
- G4 ALL WALLS WITH 4" WASTE/VENT PIPING SHALL BE MINIMUM OF 6" INSIDE CLEAR. COORDINATE WITH GENERAL CONTRACTOR AND ARCHITECTURAL PLANS.
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- G7 WHERE MODIFICATIONS ARE REQUIRED TO MEDICAL/LABORATORY GAS SYSTEMS THE CONTRACTOR SHALL PERFORM ALL WORK PER THE NFPA 99.
- G8 CONTRACTOR WILL BE RESPONSIBLE FOR ACCESSING THE CEILING SPACE ON THE BASEMENT FLOOR TO DEMO EXISTING PLUMBING PIPING THROUGH FIRST FLOOR AND ROUGHING IN NEW WASTE, VENT, AND SUPPLY PIPING (WHERE APPLICABLE) FOR NEW FIXTURES ON FIRST FLOOR. THESE LOCATIONS WILL REQUIRE THE REMOVAL AND REPLACEMENT OF THE CEILINGS, LIGHT FIXTURES, DUCTWORK, REGISTER, GRILLES, CEILING MOUNTED DEVICES, RAILING SYSTEMS AND ALL ELSE NECESSARY TO PERFORM WORK. ALL WORK MUST BE PLACED BACK INTO ITS ORIGINAL LOCATION AND LIKE NEW CONDITION WITH NO ADDITIONAL COST TO THE COR. ALL WORK ABOVE CEILING IN OCCUPIED SPACES WILL REQUIRE SCHEDULING WITH THE OWNER.
- G9 SUPPLY WATER PIPE SHOWN IS ROUTED VERTICALLY IN CHASES AND WALL AND HORIZONTALLY ABOVE THE CEILING OF THIS FLOOR LEVEL.

SYMBOLS & ABBREVIATIONS

	LIMIT OF DEMOLITION
	RISER DN
	RISER UP
CW	COLD WATER
HW	HOT WATER
W	SANITARY WASTE
V	VENT
ST	STORM DRAIN
	POINT OF DISCONNECT BETWEEN DEMO UTILITY / UTILITY TO REMAIN
(#)	NUMBERED NOTE

LEGEND

EXISTING PIPING TO REMAIN	
EXISTING PIPE/EQUIPMENT TO BE REMOVED	
POINT OF DISCONNECT BETWEEN NEW & EXISTING UTILITY	

FIRST FLOOR PLAN - PLUMBING SUPPLY - DEMOLITION

SCALE: 1/8" = 1' - 0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E: LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013
Michael G. Lachin, AIA

STAMP

RANDY B. REESE
LICENSED PROFESSIONAL ENGINEER
20025
2-20-2025
STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA | U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR PLAN - PLUMBING SUPPLY - DEMOLITION	Phase: FINAL SUBMISSION	Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH			Project Number: 586-22-102
Approved:	FULLY SPRINKLERED	Location: 1500 E. Woodrow Wilson Dr. Jackson, MS			Building Number: 1
		Issue Date: 2-20-2025	Checked: RBR	Drawn: RBR	Drawing Number: PD102
					3 OF 12

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LEGEND	
EXISTING PIPING TO REMAIN	
EXISTING PIPE/EQUIPMENT TO BE REMOVED	
POINT OF DISCONNECT BETWEEN NEW & EXISTING UTILITY	

NUMBERED NOTES:

1. DISCONNECT AND REMOVE EXISTING SPRINKLER HEADS, FLEXIBLE CONNECTORS, AND BRANCH PIPING BACK TO NEAREST MAIN AND PREP AREA FOR NEW SPRINKLER LAYOUT. WHERE BRANCH PIPING IS REMOVED, REMOVE ASSOCIATED SUPPORTS. SPRINKLER COVERAGE TO ADJACENT SPACES AS WELL AS SPACES ABOVE AND BELOW ARE TO REMAIN IN SERVICE AT ALL TIMES. ANY DISRUPTION TO SUCH SPACES IS TO BE CAREFULLY AND THOROUGHLY COORDINATED WITH COR AND APPROVED/SCHEDULED BY BY COR ACCORDINGLY.

GENERAL NOTES:

G1 ALL UTILITY INTERRUPTIONS MUST BE REQUESTED AND APPROVED IN ADVANCE.

G2 ALL PLUMBING ON THIS PROJECT WILL BE CONCEALED BELOW FLOOR, ABOVE CEILING, IN WALL, IN CHASE, OR ELSE AS PER ENGINEER.

G3 CONTRACTOR TO SEAL AND FIREPROOF PENETRATIONS IN FLOORS, WALLS AND CEILINGS DUE TO REQUIRED DEMOLITION WORK.

G4 THE MODIFICATIONS SHOWN ON THIS DRAWING ARE BASED ON THE INSTALLATION SHOWN ON THE ORIGINAL CONSTRUCTION DRAWINGS. THE CONTRACTOR SHOULD EXPECT TO FIND THAT SOME OF THE PLUMBING SYSTEM SHOWN WILL NOT BE EXACTLY AS IT IS INSTALLED. THE CONTRACTOR SHOULD FIELD VERIFY HIS WORK IN ADVANCE, AND MAY SCHEDULE A SITE VISIT BEFORE SUBMITTING ANY BID TO PERFORM THIS WORK. THE CONTRACTOR IS EXPECTED TO MAKE MINOR NECESSARY MODIFICATIONS WITHIN THE SCOPE OF THIS PROJECT AND WITHIN THE RENOVATION LIMITS TO THE EXISTING SYSTEMS WITHOUT ADDITIONAL COST TO THE COR.

G5 EXISTING STANDPIPES AND FLOOR CONTROL ASSEMBLIES TO REMAIN. MODIFICATION TO EXISTING SPRINKLER MAINS WITHIN RENOVATED SPACE IS NOT EXPECTED, BUT BRANCH PIPING MODIFICATION AND NEW SPRINKLER HEAD LAYOUT WILL BE INCLUDED. CONTRACTOR SHALL EVALUATE EXISTING SYSTEM AND MAKE MODIFICATIONS AS REQUIRED PER THE DESIGN INTENT OF THESE DRAWINGS TO INCLUDE, BUT NOT LIMITED TO, COORDINATION WITH NEW DUCT LAYOUT, PIPING LAYOUT, AND ANY NEW AND/OR EXISTING UTILITIES DURING THIS RENOVATION.

G6 TEMPORARY COVERAGE OF SPACE IS REQUIRED DURING THE DEMOLITION PHASE OF THIS PROJECT AND ALL EXISTING HEADS SHALL BE TURNED UP TO PROTECT THE UNDERSIDE OF DECK. SPRINKLER SYSTEM TO MEET ALL MINIMUM DISTANCE AND COVERAGE REQUIREMENTS PER NFPA 13.

G7 CONTRACTOR IS REQUESTED AND REQUIRED TO INSPECT EXISTING FIRE SPRINKLER LAYOUT PRIOR TO BEGINNING WORK AND COORDINATE WITH ALL EXISTING UTILITIES AS WELL AS NEW WORK PLANS TO ENSURE CONFLICTS ARE KEPT TO A MINIMUM.

G8 CONTRACTOR IS TO BE AWARE THAT SOME INDICATED SPRINKLER HEADS MAY NOT BE EXACTLY WHERE SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ADAPT PER THE EXISTING CONDITIONS AND ENSURE A NEW SPRINKLER SYSTEM WITH SUFFICIENT COVERAGE PER THE DESIGN INTENT OF THESE DRAWINGS.

FIRST FLOOR PLAN - FIRE PROTECTION - DEMOLITION

SCALE: 1/8" = 1' - 0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

Michael G. Lachin, AIA

STAMP

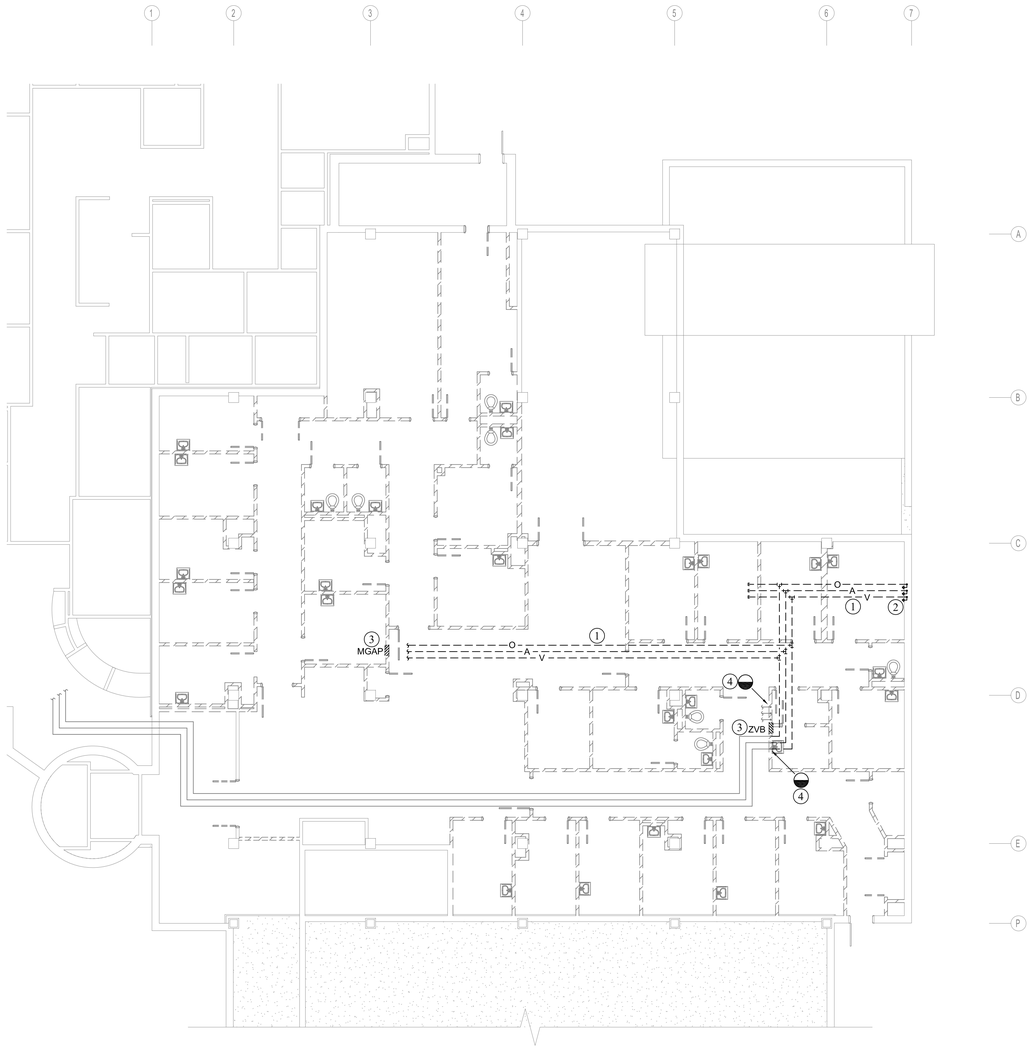
RANDY B. REECE — LICENSED PROFESSIONAL ENGINEER — 29025 — 2-20-2025 — STATE OF MISSISSIPPI

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	BASEMENT FLOOR PLAN - FIRE PROTECTION - DEMOLITION
Approved:	
Phase	FINAL SUBMISSION
	FULLY SPRINKLERED
Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location	1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date	2-20-2025
Checked	RBR
Drawn	RBR
Project Number	586-22-102
Building Number	1
Drawing Number	PD103
	4 OF 12

VA FORM 08 - 6231



NUMBERED NOTES:

1. DISCONNECT AND REMOVE EXISTING BRANCH MEDICAL GAS PIPING BACK TO NEAREST MAIN. PROTECT AND RECONNECT ANY EXISTING BRANCH PIPING THAT IS THAT SERVES OUTLETS OUTSIDE OF RENOVATED WORK AREA.
2. DISCONNECT AND REMOVE MEDICAL GAS OUTLETS AT WALL LOCATIONS AS SHOWN. REMOVE ALL BRANCH PIPING IN WALLS AND CEILING WITH NO PIPE TO BE ABANDONED IN PLACE ASSOCIATED WITH THESE OUTLETS. ALL TYPICAL.
3. DISCONNECT AND REMOVE EXISTING ZONE VALVE BOX AND LOCAL PRESSURE ALARM PANEL. FIELD VERIFY EXISTING ZONE VALVE BOX AND PRESSURE ALARM PANEL LOCATION. ALL TYPICAL.
4. UPON FIELD OBSERVATION AND WALL DEMOLITION, CONTRACTOR IS TO DISCONNECT AND REMOVE ALL MEDICAL GAS PIPING, ZONE VALVE, AND ALARM PANEL SERVING THE RENOVATED AREA, WHILE ENSURING ADJACENT AREAS TIED INTO PIPING NETWORK REMAIN FUNCTIONAL WITH MINIMAL DOWN TIME. ANY MEDICAL GAS SHUT DOWNS ARE TO BE COORDINATE WITH AND APPROVED BY COR. CONTRACTOR TO COORDINATE WITH ENGINEER AND COR FOR ANY DISCREPANCIES FOUND THAT MAY BE DIFFERENT THAN WHAT IS SHOWN. PROVIDE OFFSETS AS/IF NECESSARY TO ENSURE MEDICAL GAS SYSTEM REMAINS FUNCTIONAL AS WELL AS CONCEALED IN WALLS AND ABOVE CEILINGS AT NO ADDITIONAL COST TO COR. CAP PIPING NO LONGER NEEDED BACK TO NEAREST MAIN.

GENERAL NOTES:

- G1 ALL UTILITY INTERRUPTIONS MUST BE REQUESTED AND APPROVED IN ADVANCE.
- G2 ALL PLUMBING ON THIS PROJECT WILL BE CONCEALED BELOW FLOOR, ABOVE CEILING, IN WALL, IN CHASE, OR ELSE AS PER ENGINEER.
- G3 CONTRACTOR TO SEAL AND FIREPROOF PENETRATIONS IN FLOORS, WALLS AND CEILINGS DUE TO REQUIRED DEMOLITION WORK.
- G4 THE MODIFICATIONS SHOWN ON THIS DRAWING ARE BASED ON THE INSTALLATION SHOWN ON THE ORIGINAL CONSTRUCTION DRAWINGS. THE CONTRACTOR SHOULD EXPECT TO FIND THAT SOME OF THE PLUMBING SYSTEM SHOWN WILL NOT BE EXACTLY AS IT IS INSTALLED. THE CONTRACTOR SHOULD FIELD VERIFY HIS WORK IN ADVANCE, AND MAY SCHEDULE A SITE VISIT BEFORE SUBMITTING ANY BID TO PERFORM THIS WORK. THE CONTRACTOR IS EXPECTED TO MAKE MINOR NECESSARY MODIFICATIONS WITHIN THE SCOPE OF THIS PROJECT AND WITHIN THE RENOVATION LIMITS TO THE EXISTING SYSTEMS WITHOUT ADDITIONAL COST TO THE COR.
- G5 THE MEDICAL GAS PIPING SYSTEM, ZONE VALVE, AND ALARMS SHALL BE TESTED AND RECERTIFIED BY A THIRD PARTY MEDICAL GAS CERTIFICATION COMPANY PER NFPA 99. PROVIDE CERTIFICATION REPORT TO ENGINEER FOR REVIEW BEFORE ACCEPTANCE.

FIRST FLOOR PLAN - MEDICAL GAS - DEMOLITION

SCALE: 1/8" = 1' - 0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

Michael G. Lachin, AIA

STAMP

RANDY B. REECE
STATE OF MISSISSIPPI
REGISTERED PROFESSIONAL ENGINEER
No. 24025
2-20-2025

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BASEMENT FLOOR PLAN - MEDICAL GAS - DEMOLITION	Phase: FINAL SUBMISSION	Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH	Project Number: 586-22-102
			Building Number: 1
Approved:	FULLY SPRINKLERED	Location: 1500 E. Woodrow Wilson Dr. Jackson, MS	Drawing Number: PD104
		Issue Date: 2-20-2025 / Checked: RBR / Drawn: RBR	5 OF 12

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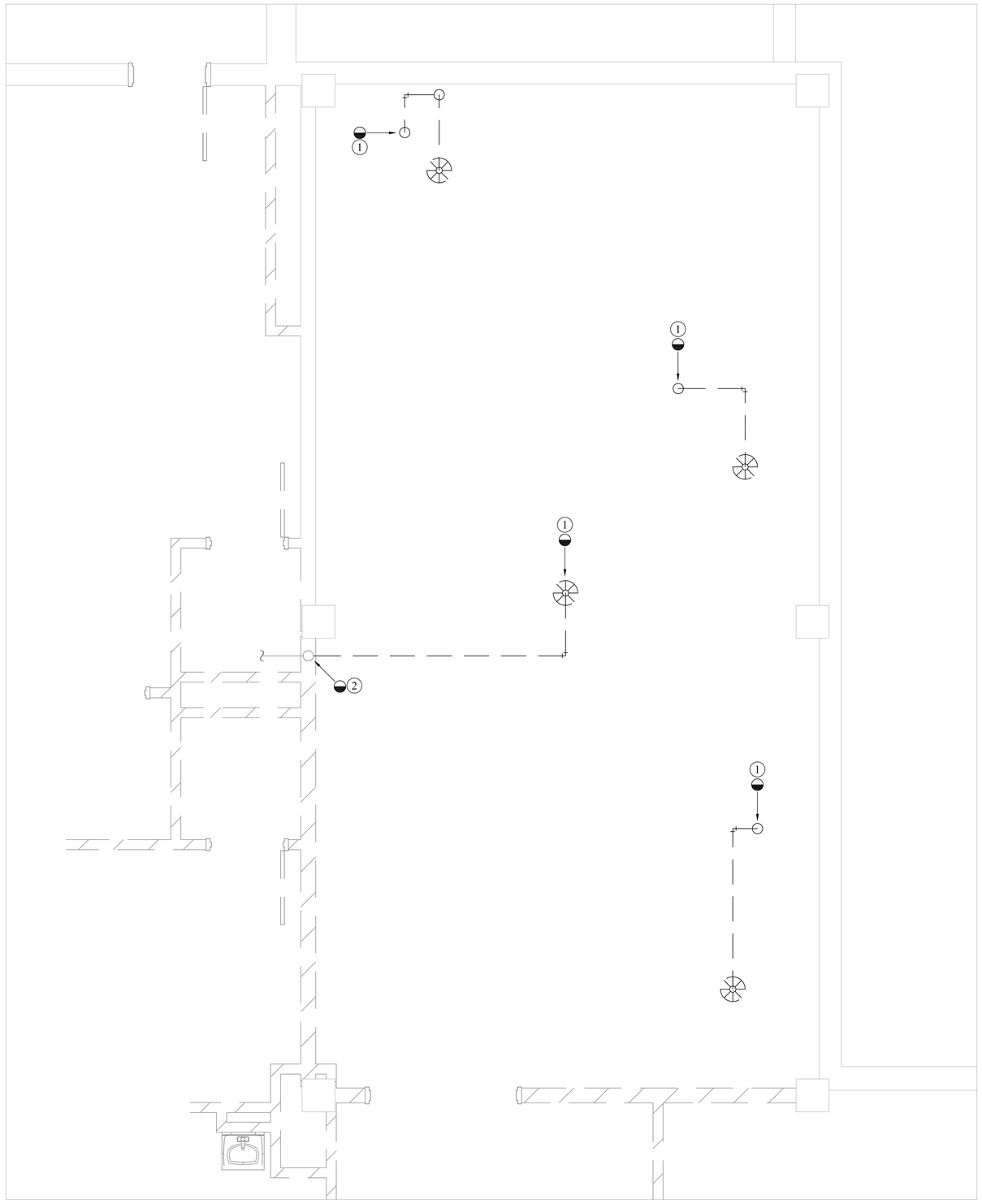

GENERAL NOTES:

A. COORDINATE ALL EQUIPMENT AND UTILITY REMOVAL AND INTERRUPTION WITH THE COR.

B. CONTRACTOR TO PROVIDE DUST PARTITIONS, NEGATIVE AIR MACHINES, AIR FILTRATION, AND ALL ELSE REQUIRED BY THE OWNER AND THE INFECTION CONTROL RISK ASSESSMENT FOR THIS PROJECT.

C. ALL SYSTEMS SHOWN ON THIS DRAWING ARE TAKEN FROM THE OWNER'S ORIGINAL DRAWINGS AND LIMITED SITE SURVEY OF EXISTING SYSTEMS. CONTRACTOR TO EXPECT THAT SOME OF THE DUCT AND PIPING WILL NOT BE EXACTLY AS SHOWN. CONTRACTOR TO FIELD VERIFY AND PROVIDE OFFSETS AND TRANSITIONS AS REQUIRED BY FIELD CONDITIONS.

D. CAP AND SEAL ALL UTILITY MAINS WHEN ANY BRANCH PIPING/DUCT IS REMOVED.

E. PROTECT ALL RATED PARTITION OPENINGS DURING PROJECT DURATION.

LEGEND	
EXISTING DUCT/EQUIPMENT TO REMAIN	
EXISTING DUCT/EQUIPMENT TO BE REMOVED	
POINT OF DISCONNECT BETWEEN NEW & EXISTING UTILITY	

NUMBERED NOTES:

(1) DISCONNECT AND REMOVE EXISTING STORM DRAIN ON ROOF ABOVE. REMOVE ASSOCIATED STORM WATER PIPING FROM ROOF DRAIN BACK TO LOCATION(S) SHOWN. REMOVE ASSOCIATED PIPING SUPPORTS. REMOVE STORM WATER PIPING DOWN TO ABOVE BASEMENT LEVEL CEILING AND OVER TO WITHIN 12" OF NEAREST MAIN RISER THAT IS NO LONGER USED IN THIS RENOVATION AND PERMANENTLY CAP. FIELD VERIFY EXISTING PLUMBING PIPING, SIZE, AND ARRANGEMENT. PATCH/REPAIR ALL PENETRATIONS FOR ARCHITECTURAL AND STRUCTURAL REQUIREMENTS. TYPICAL ALL LOCATIONS.

(2) SEE STORM WATER NEW WORK DRAWING FOR CONNECTION REQUIREMENTS.

FIRST FLOOR PLAN - LARGE SCALE STORM WATER - DEMOLITION

SCALE: 1/2" = 1' - 0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

Michael G. Lachin, AIA

STAMP

RANDY B. REECE — 29025 — REGISTERED PROFESSIONAL ENGINEER — 2-20-2025 — STATE OF MISSISSIPPI

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: **FIRST FLOOR PLAN - LARGE SCALE STORM WATER - DEMOLITION**

Approved:

Phase: FINAL SUBMISSION

FULLY SPRINKLERED

Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH

Location: 1500 E. Woodrow Wilson Dr. Jackson, MS

Issue Date: 2-20-2025 | Checked: RBR | Drawn: RBR

Project Number: 586-22-102

Building Number: 1

Drawing Number: PD105

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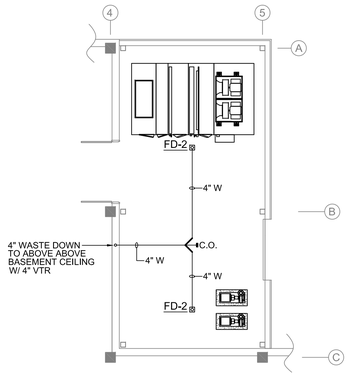
VA FORM 08 - 6231



PENTHOUSE FLOOR PLAN - PLUMBING WASTE - NEW WORK

SCALE: 1/8" = 1' - 0"

SYMBOLS & ABBREVIATIONS

- SUPPLY TUBING BELOW FLOOR
- DOMESTIC COLD WATER, COLD WATER
- DOMESTIC HOT WATER, HOT WATER
- DOMESTIC HOW WATER RETURN, HOT WATER RETURN
- TOP CONNECTION, 45° OR 90°
- BOTTOM CONNECTION, 45° OR 90°
- SIDE CONNECTION
- RISE OR DROP IN PIPE
- PIPE UP
- PIPE DOWN
- BALL TYPE SHUTOFF VALVE
- COMBINATION CIRCUIT SETTER/SHUTOFF VALVE
- FLOOR DRAIN
- (#) NUMBERED NOTE

GENERAL NOTES:

G1 ALL PLUMBING WORK MUST BE INSTALLED PER THE INTERNATIONAL PLUMBING CODE, 2018 ED, INTERNATIONAL BUILDING CODE, INTERNATIONAL MECHANICAL CODE, INTERNATIONAL FUEL GAS CODE (IFGC), NFPA 13, LATEST EDITIONS, AND ALL REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.

G2 PROVIDE AND INSTALL UL LISTED FIRE STOP COLLARS AND FIRE CAULK ALL PLUMBING PENETRATIONS AT RATED WALL AND FLOOR ASSEMBLIES.

G3 NOTIFY THE ENGINEER 48 HOURS BEFORE THE WASTE AND VENT PIPING SYSTEM WILL BE PRESSURE TESTED ACCORDING TO 2018 INTERNATIONAL PLUMBING CODE.

G4 NOTIFY THE ENGINEER 48 HOURS BEFORE ANY PIPING ABOVE THE SLAB IN THE WALLS OR CEILINGS IS COVERED. FAILURE TO NOTIFY ENGINEER FOR INSPECTION WILL CAUSE ALL PIPING TO BE UNCOVERED AND PRESSURE TESTED IN THE PRESENCE OF THE ENGINEER.

G5 NOTIFY THE ENGINEER 48 HOURS BEFORE THE DOMESTIC WATER PIPING IS PRESSURE TESTED. SYSTEMS TO BE PRESSURE TESTED ACCORDING TO IPC.

G6 WASTE AND VENT PIPING TO BE NO-HUB CAST IRON PIPE WITH NEOPRENE RUBBER SLEEVES AND STAINLESS STEEL SHIELD CONNECTIONS. INSTALL PIPING, JOINTS, AND FITTINGS PER MANUFACTURER'S RECOMMENDATIONS. WASTE PIPING SHOWN ON THIS DRAWING IS ROUTED BELOW THE FLOOR AND INSIDE THE WALLS TO FIXTURE ROUGH IN LOCATIONS.

G7 ALL VENT PIPING SHOWN IS IN THE WALL AND ABOVE CEILING EXCEPT WHERE OTHERWISE NOTED.

G8 ALL WASTE PIPING TO BE SLOPED AT 1/8" OR 1/4" PER FOOT AS REQUIRED FOR THE PIPE SIZE IN CONFORMANCE WITH THE 2018 INTERNATIONAL PLUMBING CODE.

G9 ALL PLUMBING ON THIS PROJECT WILL BE CONCEALED BELOW FLOOR, ABOVE CEILING, IN WALL, IN CHASE, OR ELSE AS PER ENGINEER.

G10 ALL FINISHED FLOOR CLEANOUTS SHALL FIT FLUSH.

G11 PIPING TO BE SUPPORTED WITH CLEVIS TYPE HANGERS AT SPACING AS REQUIRED BY THE 2018 IPC. FOR DOMESTIC WATER PIPING, THE HANGERS SHALL BE LARGE ENOUGH FOR THE PIPE AND INSULATION TO PASS THROUGH. INSTALL SHEET METAL SADDLE AT ALL HANGER LOCATIONS OF SUPPLY WATER PIPE/INSULATION AT BOTTOM OF PIPE.

G12 ROUGH IN PLUMBING CONNECTIONS FOR THE NEW FIXTURES ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

G13 CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NEW FLOOR PENETRATIONS FOR NEW SANITARY SEWER ROUGH IN AND FIRE STOPPING ALL WALL, CEILING, AND FLOOR PENETRATIONS OF FIRE RATED ASSEMBLIES. SEE ARCHITECTURAL PLANS FOR WALL RATINGS ON THIS PROJECT. CONTRACTOR TO CONSIDER ALL FLOOR PENETRATIONS AS RATED.

G14 CONTRACTOR IS RESPONSIBLE FOR ITEMS INCLUDING FIXTURE MOUNTING HEIGHTS, GRAB BARS, FAUCET HANDLES, SEATS, PIPING INSULATION, LAVATORY BARRIERS, AND ELSE REQUIRED TO ENSURE THE ACCESSIBLE FIXTURES ON THIS PROJECT MEET THE REQUIREMENTS OF THE ADA GUIDELINE. CONSULT ENGINEER OR ARCHITECT FOR INFORMATION AS REQUIRED.

G15 PENETRATIONS THROUGH PARTITIONS AND FLOORS SHALL BE SLEEVED AND SEALED TO MAINTAIN INTEGRITY OF PARTITION AND FLOOR RATING.

G16 WASTE PIPING SHOWN IS BELOW THE FLOOR LEVEL. VENT PIPING SHOWN IS ABOVE THE CEILING LEVEL.

G17 ALL DOMESTIC WATER PIPING ON THIS PROJECT SHALL BE TYPE 'L' COPPER PIPE WITH SOLDERED FITTINGS AND JOINTS. INSTALL 1 1/2" PREFORMED FIBERGLASS PIPE INSULATION WITH FSK JACKETING ON ALL COLD WATER, HOT WATER, AND HOT WATER RECIRCULATION PIPING. LAP ALL INSULATION JOINTS AND SEAL ALL SEAMS. PROVIDE PVC COVERS ON ALL INSULATION FITTINGS.

G18 ROUGH IN PLUMBING CONNECTIONS FOR THE NEW FIXTURES ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.

G19 COORDINATE THE ROUTE OF VERTICAL PLUMBING VENTS WITH THE GENERAL CONTRACTOR TO REMAIN CONCEALED IN NEW WALLS.

G20 THE CONTRACTOR IS RESPONSIBLE FOR THE MEANS AND METHODS OF INSTALLING A COMPLETE AND FUNCTIONAL PLUMBING SYSTEM THAT CONFORMS WITH THE GOVERNING CODES, INCLUDING THE CITY, STATE, HEALTH DEPARTMENT, AND ETC. PROVIDE ALL MATERIAL, LABOR, PARTS, FIXTURES, SUPPORTS, HANGERS, AND ELSE REQUIRED AS SHOWN OR IMPLIED ON THESE DOCUMENTS.

G21 FLUSH CHLORINATE AND SANITIZE THE DOMESTIC WATER SYSTEM PER THE REQUIREMENTS IN THE INTERNATIONAL PLUMBING CODE. NOTIFY ENGINEER 48 HOURS BEFORE SYSTEM IS CHLORINATED AND SANITIZED. PROVIDE FINAL WATER SAMPLE TEST RESULTS FROM DEPARTMENT OF HEALTH TO ENGINEER FOR APPROVAL.

G22 FIXTURES, EQUIPMENT, CONNECTIONS, AND PIPING SHALL BE FURNISHED AND INSTALLED TO MEET OR EXCEED STATE AND LOCAL CODES AND REQUIREMENTS.

G23 FURNISH AND INSTALL SHOCK ARRESTORS AT THE TOP OF SUPPLY WATER BRANCH PIPING DROPS TO CONNECTIONS TO FLUSH VALVES, QUICK CLOSING VALVES, AND AT ALL HOT AND COLD WATER CONNECTIONS TO FIXTURES.

G24 CONTRACTOR TO PLAN AND COORDINATE HIS WORK WITH THE ASSOCIATED SYSTEMS LOCATED ABOVE THE CEILING. CONSIDER THE STRUCTURAL AND SPACE LIMITATIONS WHEN COORDINATING WORK.

G25 PROVIDE BALL TYPE SHUT-OFF VALVES AT EACH HOT AND COLD WATER BRANCH TAP LOCATION. TAG VALVES IN ACCORDANCE WITH CAMPUS STANDARDS. PROVIDE VALVE LOG FOR OWNER.

G26 ALL UTILITY INTERRUPTIONS MUST BE REQUESTED AND APPROVED IN ADVANCE.

G27 CONTRACTOR TO ROUTE HOT WATER AND HOT WATER RECIRCULATION PIPING ABOVE THE CEILING AS CLOSE AS POSSIBLE TO THE NEW FIXTURE TO LIMIT LENGTH OF PIPING BETWEEN SUPPLY MAIN AND FIXTURE CONNECTION. THE INTENT IS TO PROVIDE HOT WATER TO FIXTURE USER WITH IN A 10 SECOND TIME FRAME. FIELD ROUTING REQUIRED.

G28 NO MODIFICATION OF THE STORM WATER PIPING IS EXPECTED ON THIS PROJECT. CONTRACTOR TO PROVIDE ANY REQUIRED OFFSETS TO KEEP ANY VERTICAL STORM WATER, SANITARY SEWER, AND VENT PIPING IN WALLS TO BE CONCEALED.

G29 CONTRACTOR TO SEAL ALL FLOOR PENETRATIONS WHERE PIPING IS REMOVED SO THAT RATING IS CONTINUOUS.

G30 THE MODIFICATIONS SHOWN ON THIS DRAWING ARE BASED ON THE INSTALLATION SHOWN ON THE ORIGINAL CONSTRUCTION DRAWINGS. THE CONTRACTOR SHOULD EXPECT TO FIND THAT SOME OF THE PLUMBING SYSTEM SHOWN WILL NOT BE EXACTLY AS IT IS INSTALLED. THE CONTRACTOR SHOULD FIELD VERIFY HIS WORK IN ADVANCE, AND MAY SCHEDULE A SITE VISIT BEFORE SUBMITTING ANY BID TO PERFORM THIS WORK. THE CONTRACTOR IS EXPECTED TO MAKE MINOR NECESSARY MODIFICATIONS WITHIN THE SCOPE OF THIS PROJECT AND WITHIN THE RENOVATION LIMITS TO THE EXISTING SYSTEMS WITHOUT ADDITIONAL COST TO THE COR.

G31 CONTRACTOR SHALL MAINTAIN PLUMBING WASTE, VENT, STORM WATER, AND DOMESTIC SUPPLY PIPING SERVICE TO FLOORS ABOVE AND BELOW DURING THIS RENOVATION. OFFSET WASTE AND VENT STACKS, AND STORM LEADERS AS REQUIRED. PIPING TO BE CONCEALED ABOVE THE CEILING, BELOW THE FLOOR, WITHIN WALLS ON THIS FLOOR LEVEL.

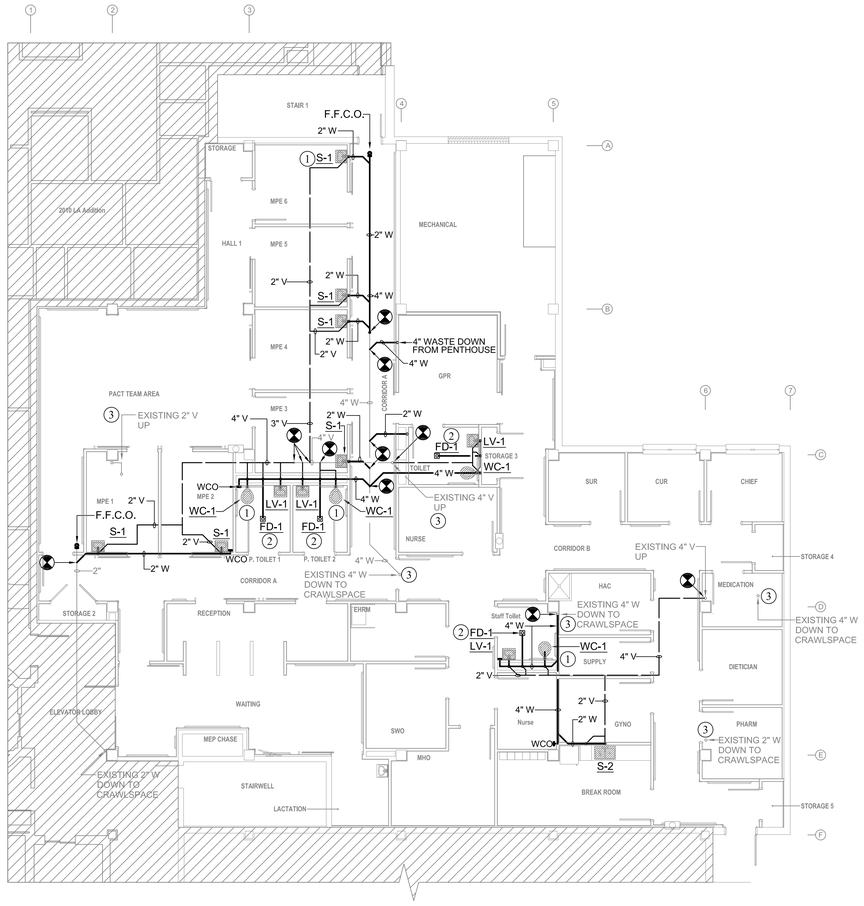
G32 ALL WALLS WITH 4" WASTE PIPING SHALL BE MINIMUM OF 6" INSIDE CLEAR. COORDINATE WITH GENERAL CONTRACTOR.

G33 WHERE MODIFICATIONS ARE REQUIRED TO MEDICAL/LABORATORY GAS SYSTEMS THE CONTRACTOR SHALL PERFORM ALL WORK PER THE NFPA 99.

G34 CONTRACTOR SHALL PROTECT ALL ITEMS IN THE WORK SPACE AND THE AREAS BELOW THE LOCATIONS WHERE HE WILL OPEN THE WATER PIPING DURING THIS PROJECT. THIS CONTRACTOR WILL BE RESPONSIBLE FOR WATER DAMAGE DUE TO HIS WORK.

KEYED NOTES

1. MODIFY THE EXISTING PLUMBING PIPING IN THE WALL, BELOW THE FLOOR AND ABOVE THE CEILING. ROUGH-IN 4" WASTE PIPING TO NEW WATER CLOSETS AND 2" WASTE PIPING TO NEW SINKS MARKED WITH HATCHING. CONNECT VENT PIPING TO EXISTING PLUMBING PIPING THRU THE ROOF. CONTRACTOR TO FIELD VERIFY THE EXISTING WASTE PIPING, VENT PIPING, HOT WATER SUPPLY, COLD WATER PIPING, SANITARY STACK , AND VENT STACK UP THROUGH THE ROOF. TYPICAL.
2. PROVIDE NEW FLOOR DRAINS WITH DEEP SEAL TRAP AND TRAP PRIMER CONNECTION. TYPICAL.
3. DURING THIS RENOVATION PROJECT, PLUMBING SERVICE TO BE MAINTAINED TO ALL FIXTURES LOCATED ON FLOORS ABOVE AND BELOW . PROVIDE OFFSETS FOR ANY STACKS AS REQUIRED TO CONCEAL PLUMBING PIPING IN THE WALLS. FIELD VERIFY EXISTING PLUMBING INSTALLATION AS REQUIRED. TYPICAL.



FIRST FLOOR PLAN - PLUMBING WASTE - NEW WORK

SCALE: 1/8" = 1' - 0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E: LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013
Michael G. Lachin, AIA

STAMP

NANCY B. RECCE — LICENSED PROFESSIONAL ENGINEER — 29025 — 2-20-2025 — STATE OF MISSISSIPPI

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR PLAN - PLUMBING WASTE - NEW WORK

Approved:

Phase: FINAL SUBMISSION

FULLY SPRINKLERED

Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH

Location: 1500 E. Woodrow Wilson Dr. Jackson, MS

Issue Date: 2-20-2025 | Checked: RBR | Drawn: RBR

Project Number: 586-22-102

Building Number: 1

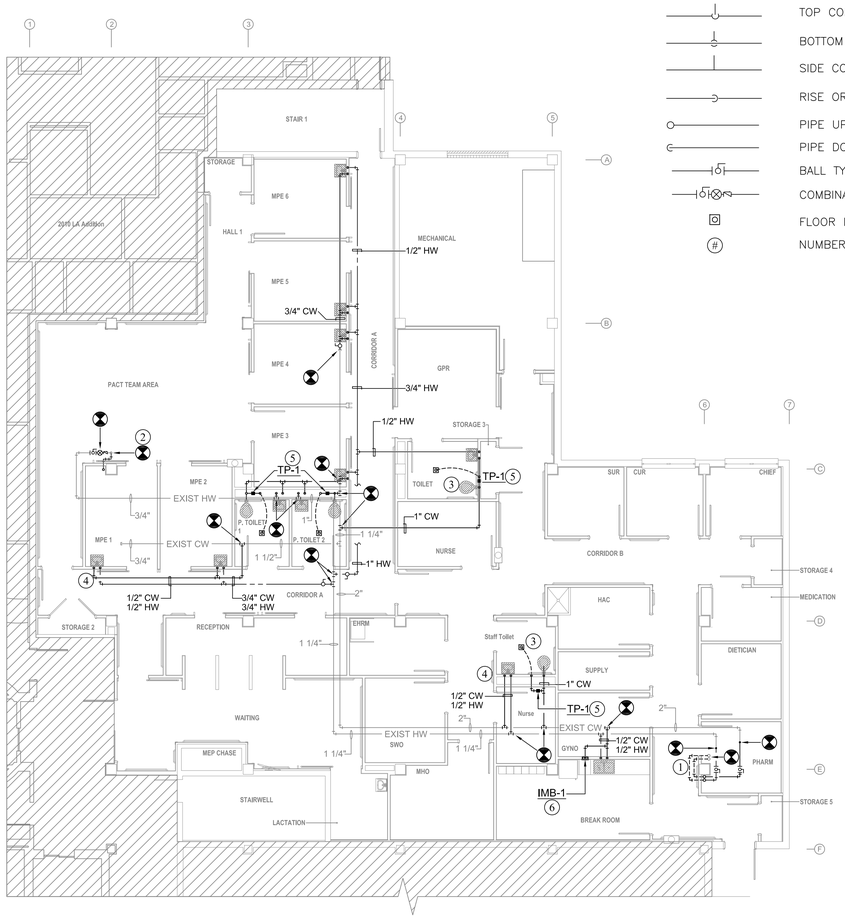
Drawing Number: PL101

7 OF 12

VA FORM 08 - 6231

SYMBOLS & ABBREVIATIONS

- SUPPLY TUBING BELOW FLOOR
- DOMESTIC COLD WATER, COLD WATER
- DOMESTIC HOT WATER, HOT WATER
- DOMESTIC HOW WATER RETURN, HOT WATER RETURN
- TOP CONNECTION, 45° OR 90°
- BOTTOM CONNECTION, 45° OR 90°
- SIDE CONNECTION
- RISE OR DROP IN PIPE
- PIPE UP
- PIPE DOWN
- BALL TYPE SHUTOFF VALVE
- COMBINATION CIRCUIT SETTER/SHUTOFF VALVE
- FLOOR DRAIN
- (#) NUMBERED NOTE



KEYED NOTES

1. CONTRACTOR TO MODIFY/OFFSET DOMESTIC WATER SUPPLY PIPING RISERS ABOVE CEILING AT BASEMENT LEVEL TO RISE UP THROUGH FLOOR AND INTO RENOVATED SPACE AT NEW WALL LOCATIONS. PROVIDE CHASE AND ROUTE UP TO ABOVE FIRST FLOOR CEILING AND CONNECT TO EXISTING DOMESTIC WATER PIPING AS REQUIRED. SLEEVE PIPING THROUGH THE FLOOR SLAB AND CAULK AS REQUIRED TO MAINTAIN FIRE RESISTANCE RATING. INSTALL FULL PORT BALL-TYPE SHUTOFF VALVE ON HOT AND COLD WATER PIPING ABOVE THE FIRST FLOOR CEILING. CONTINUE DISTRIBUTION PIPING TO SERVE PLUMBING FIXTURES AND APPLIANCES. SUPPORT PIPING FROM STRUCTURE ABOVE.

2. CONTRACTOR TO MODIFY/OFFSET EXISTING HOT WATER SUPPLY PIPING ABOVE FIRST FLOOR CEILING OVER TO NEW WALL LAYOUT PROVIDE CHASE AND ROUTE DOWN TO ABOVE BASEMENT LEVEL CEILING AND CONNECT TO EXISTING HOT WATER PIPING AS REQUIRED. SLEEVE PIPING THROUGH THE FLOOR SLAB AND CAULK AS REQUIRED TO MAINTAIN FIRE RESISTANCE RATING. PROVIDE AND INSTALL FULL PORT BALL-TYPE SHUTOFF VALVE, DOMESTIC WATER CIRCUIT SETTER, BALANCING VALVE, AND CHECK VALVE AND CONNECT TO THE EXISTING HOT WATER CIRCULATION BRANCH PIPING ABOVE CEILING IN THIS APPROXIMATE LOCATION. ADJUST VALVE FLOW TO MAINTAIN HOT WATER TO FIXTURES IN BRANCH PIPING. TYPICAL.

3. ROUGH-IN 1" COLD WATER SUPPLY TO EACH WATER CLOSET FLUSH VALVE, AND 1/2" HOT AND 1/2" COLD WATER SUPPLY DOWN IN WALL AND CONNECT TO EACH SINK FAUCET AS REQUIRED. INSTALL FIXTURES PER MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS. TYPICAL.

4. ROUGH-IN 1/2" HOT AND 1/2" COLD WATER SUPPLY TO DOWN IN WALL BEHIND SINK. CONNECT TO FAUCET. INSTALL FIXTURE PER MANUFACTURER'S RECOMMENDATIONS. TYPICAL.

5. PROVIDE AND INSTALL TRAP PRIMER DEVICE ABOVE THE CEILING. ROUTE 1/2" COLD WATER DEVICE INLET. ROUTE $\frac{1}{2}$" COLD WATER SUPPLY FROM TRAP PRIMER DOWN IN WALL AND BELOW SLAB TO FLOOR DRAIN PRIMING CONNECTION. TYPICAL.

6. ROUTE 1/2" COLD WATER PIPING DOWN IN WALL AND CONNECT TO RECESSED ICE MAKER BOX WITH QUARTER TURN ANGLE STOP VALVE. TYPICAL.

GENERAL NOTES:

- G1 ALL PLUMBING WORK MUST BE INSTALLED PER THE INTERNATIONAL PLUMBING CODE, 2018 ED, INTERNATIONAL BUILDING CODE, INTERNATIONAL MECHANICAL CODE, INTERNATIONAL FUEL GAS CODE (IFGC), NFPA 13, LATEST EDITIONS, AND ALL REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.
- G2 PROVIDE AND INSTALL UL LISTED FIRE STOP COLLARS AND FIRE CAULK ALL PLUMBING PENETRATIONS AT RATED WALL AND FLOOR ASSEMBLIES.
- G3 NOTIFY THE ENGINEER 48 HOURS BEFORE THE WASTE AND VENT PIPING SYSTEM WILL BE PRESSURE TESTED ACCORDING TO 2018 INTERNATIONAL PLUMBING CODE.
- G4 NOTIFY THE ENGINEER 48 HOURS BEFORE ANY PIPING ABOVE THE SLAB IN THE WALLS OR CEILINGS IS COVERED. FAILURE TO NOTIFY ENGINEER FOR INSPECTION WILL CAUSE ALL PIPING TO BE UNCOVERED AND PRESSURE TESTED IN THE PRESENCE OF THE ENGINEER.
- G5 NOTIFY THE ENGINEER 48 HOURS BEFORE THE DOMESTIC WATER PIPING IS PRESSURE TESTED. SYSTEMS TO BE PRESSURE TESTED ACCORDING TO IPC.
- G6 WASTE AND VENT PIPING TO BE NO-HUB CAST IRON PIPE WITH NEOPRENE RUBBER SLEEVES AND STAINLESS STEEL SHIELD CONNECTIONS. INSTALL PIPING, JOINTS, AND FITTINGS PER MANUFACTURER'S RECOMMENDATIONS. WASTE PIPING SHOWN ON THIS DRAWING IS ROUTED BELOW THE FLOOR AND INSIDE THE WALLS TO FIXTURE ROUGH IN LOCATIONS.
- G7 ALL VENT PIPING SHOWN IS IN THE WALL AND ABOVE CEILING EXCEPT WHERE OTHERWISE NOTED.
- G8 ALL WASTE PIPING TO BE SLOPED AT 1/8" OR 1/4" PER FOOT AS REQUIRED FOR THE PIPE SIZE IN CONFORMANCE WITH THE 2018 INTERNATIONAL PLUMBING CODE.
- G9 ALL PLUMBING ON THIS PROJECT WILL BE CONCEALED BELOW FLOOR, ABOVE CEILING, IN WALL, IN CHASE, OR ELSE AS PER ENGINEER.
- G10 ALL FINISHED FLOOR CLEANOUTS SHALL FIT FLUSH.
- G11 PIPING TO BE SUPPORTED WITH CLEVIS TYPE HANGERS AT SPACING AS REQUIRED BY THE 2018 IPC. FOR DOMESTIC WATER PIPING, THE HANGERS SHALL BE LARGE ENOUGH FOR THE PIPE AND INSULATION TO PASS THROUGH. INSTALL SHEET METAL SADDLE AT ALL HANGER LOCATIONS OF SUPPLY WATER PIPE/INSULATION AT BOTTOM OF PIPE.
- G12 ROUGH IN PLUMBING CONNECTIONS FOR THE NEW FIXTURES ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
- G13 CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NEW FLOOR PENETRATIONS FOR NEW SANITARY SEWER ROUGH IN AND FIRE STOPPING ALL WALL, CEILING, AND FLOOR PENETRATIONS OF FIRE RATED ASSEMBLIES. SEE ARCHITECTURAL PLANS FOR WALL RATINGS ON THIS PROJECT. CONTRACTOR TO CONSIDER ALL FLOOR PENETRATIONS AS RATED.
- G14 CONTRACTOR IS RESPONSIBLE FOR ITEMS INCLUDING FIXTURE MOUNTING HEIGHTS, GRAB BARS, FAUCET HANDLES, SEATS, PIPING INSULATION, LAVATORY BARRIERS, AND ELSE REQUIRED TO ENSURE THE ACCESSIBLE FIXTURES ON THIS PROJECT MEET THE REQUIREMENTS OF THE ADA GUIDELINE. CONSULT ENGINEER OR ARCHITECT FOR INFORMATION AS REQUIRED.
- G15 PENETRATIONS THROUGH PARTITIONS AND FLOORS SHALL BE SLEEVED AND SEALED TO MAINTAIN INTEGRITY OF PARTITION AND FLOOR RATING.
- G16 WASTE PIPING SHOWN IS BELOW THE FLOOR LEVEL. VENT PIPING SHOWN IS ABOVE THE CEILING LEVEL.
- G17 ALL DOMESTIC WATER PIPING ON THIS PROJECT SHALL BE TYPE 'L' COPPER PIPE WITH SOLDERED FITTINGS AND JOINTS. INSTALL 1 1/2" PREFORMED FIBERGLASS PIPE INSULATION WITH FSK JACKETING ON ALL COLD WATER, HOT WATER, AND HOT WATER RECIRCULATION PIPING. LAP ALL INSULATION JOINTS AND SEAL ALL SEAMS. PROVIDE PVC COVERS ON ALL INSULATION FITTINGS.
- G18 ROUGH IN PLUMBING CONNECTIONS FOR THE NEW FIXTURES ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
- G19 COORDINATE THE ROUTE OF VERTICAL PLUMBING VENTS WITH THE GENERAL CONTRACTOR TO REMAIN CONCEALED IN NEW WALLS.
- G20 THE CONTRACTOR IS RESPONSIBLE FOR THE MEANS AND METHODS OF INSTALLING A COMPLETE AND FUNCTIONAL PLUMBING SYSTEM THAT CONFORMS WITH THE GOVERNING CODES, INCLUDING THE CITY, STATE, HEALTH DEPARTMENT, AND ETC. PROVIDE ALL MATERIAL, LABOR, PARTS, FIXTURES, SUPPORTS, HANGERS, AND ELSE REQUIRED AS SHOWN OR IMPLIED ON THESE DOCUMENTS.
- G21 FLUSH CHLORINATE AND SANITIZE THE DOMESTIC WATER SYSTEM PER THE REQUIREMENTS IN THE INTERNATIONAL PLUMBING CODE. NOTIFY ENGINEER 48 HOURS BEFORE SYSTEM IS CHLORINATED AND SANITIZED. PROVIDE FINAL WATER SAMPLE TEST RESULTS FROM DEPARTMENT OF HEALTH TO ENGINEER FOR APPROVAL.
- G22 FIXTURES, EQUIPMENT, CONNECTIONS, AND PIPING SHALL BE FURNISHED AND INSTALLED TO MEET OR EXCEED STATE AND LOCAL CODES AND REQUIREMENTS.
- G23 FURNISH AND INSTALL SHOCK ARRESTORS AT THE TOP OF SUPPLY WATER BRANCH PIPING DROPS TO CONNECTIONS TO FLUSH VALVES, QUICK CLOSING VALVES, AND AT ALL HOT AND COLD WATER CONNECTIONS TO FIXTURES.
- G24 CONTRACTOR TO PLAN AND COORDINATE HIS WORK WITH THE ASSOCIATED SYSTEMS LOCATED ABOVE THE CEILING. CONSIDER THE STRUCTURAL AND SPACE LIMITATIONS WHEN COORDINATING WORK.
- G25 PROVIDE BALL TYPE SHUT-OFF VALVES AT EACH HOT AND COLD WATER BRANCH TAP LOCATION. TAG VALVES IN ACCORDANCE WITH CAMPUS STANDARDS. PROVIDE VALVE LOG FOR OWNER.
- G26 ALL UTILITY INTERRUPTIONS MUST BE REQUESTED AND APPROVED IN ADVANCE.
- G27 CONTRACTOR TO ROUTE HOT WATER AND HOT WATER RECIRCULATION PIPING ABOVE THE CEILING AS CLOSE AS POSSIBLE TO THE NEW FIXTURE TO LIMIT LENGTH OF PIPING BETWEEN SUPPLY MAIN AND FIXTURE CONNECTION. THE INTENT IS TO PROVIDE HOT WATER TO FIXTURE USER WITH IN A 10 SECOND TIME FRAME. FIELD ROUTING REQUIRED.
- G28 NO MODIFICATION OF THE STORM WATER PIPING IS EXPECTED ON THIS PROJECT. CONTRACTOR TO PROVIDE ANY REQUIRED OFFSETS TO KEEP ANY VERTICAL STORM WATER, SANITARY SEWER, AND VENT PIPING IN WALLS TO BE CONCEALED.
- G29 CONTRACTOR TO SEAL ALL FLOOR PENETRATIONS WHERE PIPING IS REMOVED SO THAT RATING IS CONTINUOUS.
- G30 THE MODIFICATIONS SHOWN ON THIS DRAWING ARE BASED ON THE INSTALLATION SHOWN ON THE ORIGINAL CONSTRUCTION DRAWINGS. THE CONTRACTOR SHOULD EXPECT TO FIND THAT SOME OF THE PLUMBING SYSTEM SHOWN WILL NOT BE EXACTLY AS IT IS INSTALLED. THE CONTRACTOR SHOULD FIELD VERIFY HIS WORK IN ADVANCE, AND MAY SCHEDULE A SITE VISIT BEFORE SUBMITTING ANY BID TO PERFORM THIS WORK. THE CONTRACTOR IS EXPECTED TO MAKE MINOR NECESSARY MODIFICATIONS WITHIN THE SCOPE OF THIS PROJECT AND WITHIN THE RENOVATION LIMITS TO THE EXISTING SYSTEMS WITHOUT ADDITIONAL COST TO THE COR.
- G31 CONTRACTOR SHALL MAINTAIN PLUMBING WASTE, VENT, STORM WATER, AND DOMESTIC SUPPLY PIPING SERVICE TO FLOORS ABOVE AND BELOW DURING THIS RENOVATION. OFFSET WASTE AND VENT STACKS, AND STORM LEADERS AS REQUIRED. PIPING TO BE CONCEALED ABOVE THE CEILING, BELOW THE FLOOR, WITHIN WALLS ON THIS FLOOR LEVEL.
- G32 ALL WALLS WITH 4" WASTE PIPING SHALL BE MINIMUM OF 6" INSIDE CLEAR. COORDINATE WITH GENERAL CONTRACTOR.
- G33 WHERE MODIFICATIONS ARE REQUIRED TO MEDICAL/LABORATORY GAS SYSTEMS THE CONTRACTOR SHALL PERFORM ALL WORK PER THE NFPA 99.
- G34 CONTRACTOR SHALL PROTECT ALL ITEMS IN THE WORK SPACE AND THE AREAS BELOW THE LOCATIONS WHERE HE WILL OPEN THE WATER PIPING DURING THIS PROJECT. THIS CONTRACTOR WILL BE RESPONSIBLE FOR WATER DAMAGE DUE TO HIS WORK.

FIRST FLOOR PLAN - PLUMBING SUPPLY - NEW WORK

SCALE: 1/8" = 1' - 0"

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E: LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013
Michael G. Lachin, AIA

STAMP

NANCY B. REECE — REGISTERED PROFESSIONAL ENGINEER — 29025 — 2-20-2025 — STATE OF MISSISSIPPI

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR PLAN - PLUMBING SUPPLY - NEW WORK	Phase: FINAL SUBMISSION
Approved:	FULLY SPRINKLERED

Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location	1500 E. Woodrow Wilson Dr. Jackson, MS
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Project Number	586-22-102
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Drawing Number	PL102

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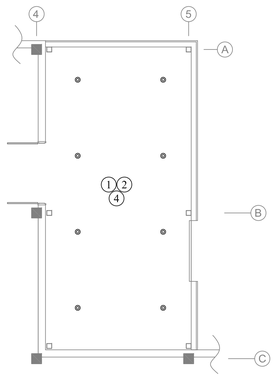
FIRST FLOOR PLAN - FIRE PROTECTION - NEW WORK
SCALE: 1/8" = 1' - 0"



PENTHOUSE FLOOR PLAN - FIRE PROTECTION - NEW WORK
SCALE: 1/8" = 1' - 0"

LEGEND	
FIRE PROTECTION PIPING	——— F ———
UPRIGHT SPRINKLER HEADS	○
SEMI RECESSED SPRINKLER HEADS	⊗

NUMBERED NOTES:

1. EXISTING FIRE SPRINKLER PIPING AND CONTROL DEVICES TO BE FIELD VERIFIED BY THE LICENSED FIRE SPRINKLER DESIGNER WITH FIRE PROTECTION SUBCONTRACTOR. MODIFY EXISTING BRANCH PIPING ABOVE CEILING AND IN THE WALL AS REQUIRED FOR NEW SPRINKLER LAYOUT. PROVIDE AND INSTALL ALL BRANCH PIPING THROUGHOUT THIS RENOVATED SPACE FOR TOTAL COVERAGE OF THE RENOVATED AREA. PROVIDE DESIGN LAYOUT INCLUDING PROPOSED MODIFICATIONS AND HYDRAULIC CALCULATIONS TO ENGINEER FOR REVIEW. TYPICAL FOR ALL RENOVATED SPACE.
2. CONTRACTOR TO CONNECT NEW BRANCH PIPING TO SERVE THE RENOVATED AREA TO THE EXISTING MAIN PIPING AS REQUIRED. PROVIDE FLOW SWITCH, ISOLATION VALVE, TAMPER SWITCH AS/IF REQUIRED. CONTINUE PIPING ABOVE CEILING LEVEL OF RENOVATED AREA AND TO NEW SPRINKLER HEADS AS SHOWN. CONTRACTOR TO CONFIRM ADEQUATE WATER FLOW AND PRESSURE AT THE EXACT LOCATION OF CONNECTION. PROVIDE CONNECTION TO EXISTING FIRE ALARM SYSTEM AND TESTING OF SAME. TYPICAL FOR ALL RENOVATED SPACE.
3. PROVIDE SEMI RECESSED PENDANT TYPE FAST RESPONSE SPRINKLER HEADS THROUGHOUT THE RENOVATED SPACE. LOCATE HEADS IN THE CENTER OF THE TILES AND COORDINATE WITH OTHER CEILING DEVICES. TYPICAL FOR ALL RENOVATED SPACE. FINAL TYPE TO BE COORDINATE WITH COR.
4. PROVIDE AND INSTALL UPRIGHT SPRINKLER HEADS IN SHELLED IN SPACES, MECHANICAL ROOMS, AND/OR ROOMS WITH NO CEILING.

GENERAL NOTES:

- G1 CONTRACTOR AND THE FIRE PROTECTION SUBCONTRACTOR TO PROVIDE NEW FIRE SPRINKLER BRANCH PIPING, VALVES, FAST RESPONSE RECESSED TYPE SPRINKLER HEADS, ESCUTCHEONS, AND ELSE REQUIRED TO PROVIDE COMPLETE AUTOMATIC SPRINKLER COVERAGE OF THE RENOVATED AREA. SPRINKLER INSTALLATION TO BE PER CODE REQUIRED PATTERN COVERAGE AREA AND MEET THE REQUIREMENT FOR LOCATING SPRINKLER HEADS IN THE CENTER OF NEW CEILING TILES.
- G2 ALL HEADS TO BE SEMI RECESSED TYPE, QUICK RESPONSE, AND WHITE IN COLOR WITH MATCHING ESCUTCHEONS (COORDINATE COLOR WITH COR).
- G3 IT SHALL BE THE RESPONSIBILITY OF THE FIRE SPRINKLER CONTRACTOR TO VISIT THE SITE AND FIELD VERIFY INFORMATION ABOUT EXISTING SPRINKLERED SYSTEM IN THE RENOVATED SPACES.
- G4 FIRE PROTECTION SUB CONTRACTOR TO SUBMIT FINAL HYDRAULIC CALCULATION AND DRAWINGS FOR ENGINEER'S APPROVAL BEFORE STARTING WORK. SUBMITTAL TO BE COMPLETED AND STAMPED BY CERTIFIED HYDRAULIC FIRE SPRINKLER DESIGNER.
- G5 EXISTING SPRINKLER WATER MAINS ARE NOT EXPECTED TO BE MODIFIED OTHER THAN BEING TAPPED TO SERVE NEW BRANCHES. FIELD VERIFY LOCATION OF EXISTING SPRINKLER WATER.
- G6 DESIGN AND INSTALLATION TO BE IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE, AND NFPA 13.
- G7 NEW SPRINKLER PIPING TO BE SCHEDULE 10 STEEL PIPE WITH THREADED FITTINGS. SPRINKLER PIPING TO BE ABOVE THE CEILING LEVEL. CENTER NEW FIRE SPRINKLER HEADS IN NEW CEILING TILE. STAINLESS STEEL CORRUGATED FLEXIBLE PIPING MAY BE USED FOR FINAL 24" CONNECTION TO HEAD. FLEXIBLE PIPING MUST BE INSTALLED WITHOUT KINKS. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR COORDINATION. SUPPORT PIPING ABOVE CEILING AS REQUIRED BY INTERNATIONAL PLUMBING CODE.
- G8 CONTRACTOR IS RESPONSIBLE FOR FIRE STOPPING ALL WALL, CEILING, AND FLOOR PENETRATIONS OF FIRE RATED ASSEMBLIES. SEE ARCHITECTURAL PLANS FOR RATINGS ON THIS PROJECT.
- G9 COORDINATE ALL EQUIPMENT AND UTILITY REMOVAL AND INTERRUPTION WITH COR.
- G10 PROVIDE DUST PARTITIONS, NEGATIVE AIR MACHINES, AIR FILTRATION AND ALL ELSE REQUIRED BY THE COR.

FIRE PROTECTION - NEW WORK
SCALE: 1/8" = 1' - 0"

Revisions:	Date:

CONSULTANT
Consultant:

ARCHITECT/ENGINEER OF RECORD
A/E:
LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013
Michael G. Lachin, AIA

STAMP
SANDY B. REECE
LICENSED PROFESSIONAL ENGINEER
No. 24025
2-20-2025
STATE OF MISSISSIPPI

Office of Construction and Facilities Management
VA | U.S. Department of Veterans Affairs

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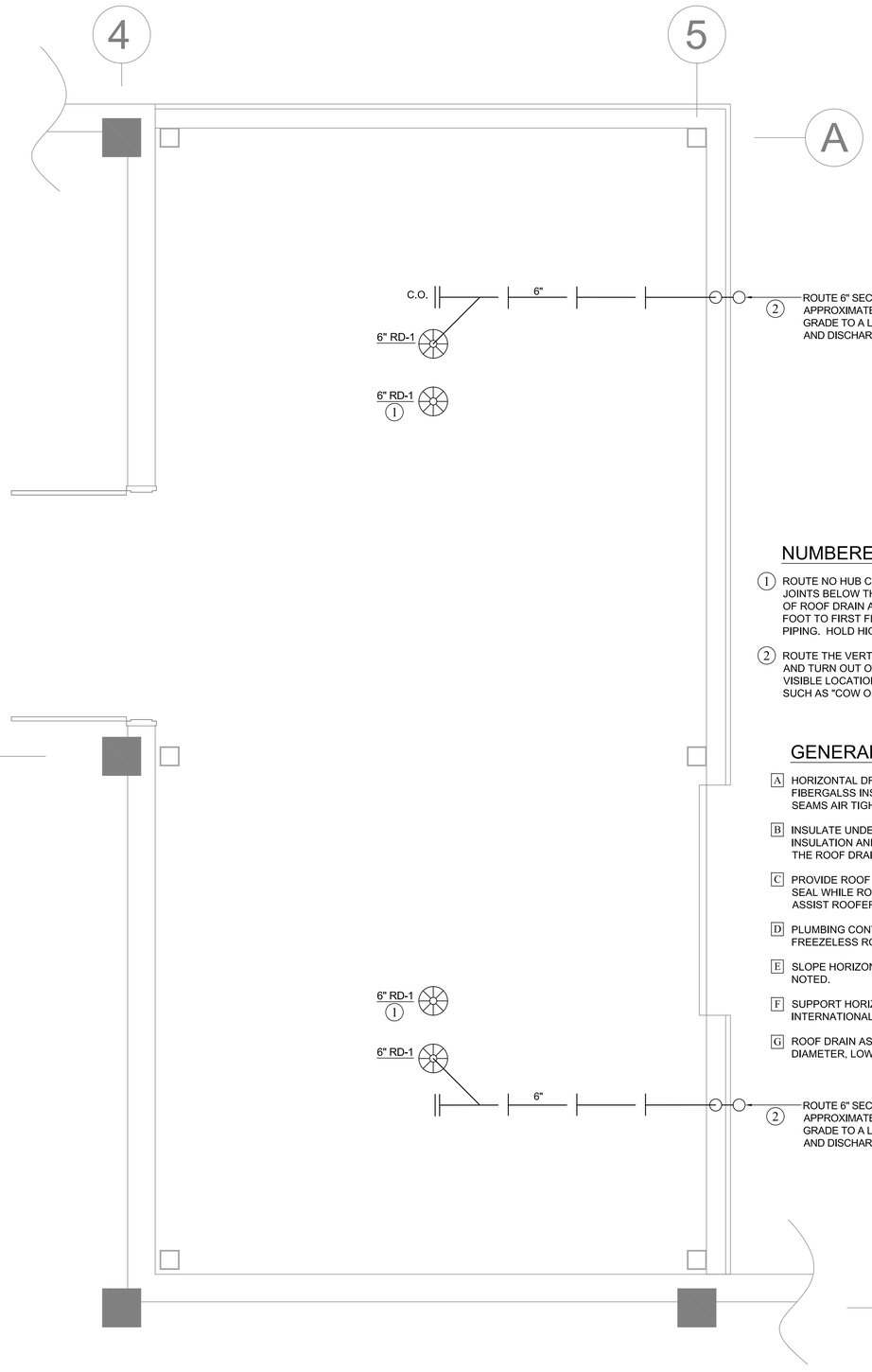
Issue Date: 2-20-2025
Checked: RBR
Drawn: RBR
Project Number: 586-22-102
Building Number: 1
Drawing Number: PL103
9 OF 12

VA FORM 08 - 6231



ROUTE 6" SECONDARY RAIN LEADER DOWN TO APPROXIMATE 18" AFG AND TURN OUT ABOVE GRADE TO A LAMB TONGUE DOWNSPOUT NOZZLE AND DISCHARGE ONTO SPLASH BLOCK. TYPICAL.

ROUTE 6" SECONDARY RAIN LEADER DOWN TO APPROXIMATE 18" AFG AND TURN OUT ABOVE GRADE TO A LAMB TONGUE DOWNSPOUT NOZZLE AND DISCHARGE ONTO SPLASH BLOCK. TYPICAL.

NUMBERED NOTES:

1. ROUTE NO HUB CAST IRON STORM WATER PIPING WITH STAINLESS BANDED JOINTS BELOW THE ROOF DECK AS SHOWN. MAKE CONNECTION TO BOTTOM OF ROOF DRAIN AND ROUTE HORIZONTAL PIPING WITH 1/8" FALL PER LINEAR FOOT TO FIRST FLOOR LEVEL AND CONNECT TO EXISTING STORM WATER PIPING. HOLD HIGH TO STRUCTURE. COORDINATE WITH EXISTING UTILITIES.
2. ROUTE THE VERTICAL EMERGENCY DRAIN LEADERS DOWN THROUGH WALL AND TURN OUT OF WALL AT 12" ABOVE FINISHED GRADE TO DISCHARGE IN VISIBLE LOCATION TO GRADE DRAINAGE. INSTALL DECORATIVE SPILL DEVICE SUCH AS "COW OR LAMB TONGUE" AS APPROVED BY ARCHITECT.

GENERAL NOTES:

A. HORIZONTAL DRAIN PIPING MUST BE INSULATED WITH MINIMUM 1" FIBERGALSS INSULATION AND FOIL VAPOR BARRIER. SEAL ALL INSULATION SEAMS AIR TIGHT TO PREVENT CONDENSATION ON PIPING.

B. INSULATE UNDERSIDE OF ROOF DRAIN BODIES WITH ARMAFLEX SHEET INSULATION AND GLUE. APPLY GLUE AND INSULATION BEFORE INSTALLING THE ROOF DRAINS, WHILE THEY ARE STILL DRY.

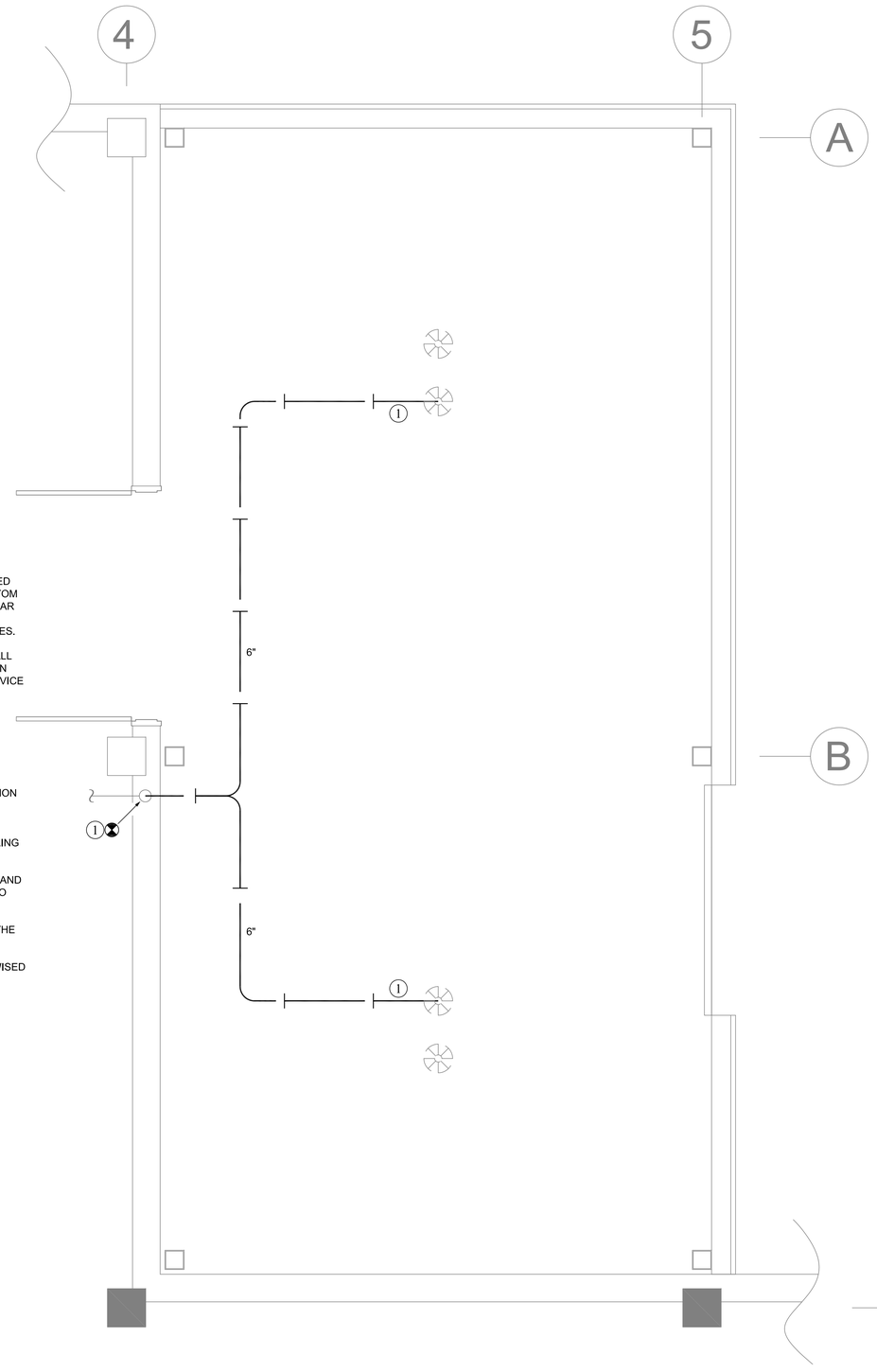
C. PROVIDE ROOF DRAINS TO ROOFING CONTRACTOR TO INSTALL, FLASH, AND SEAL WHILE ROOFING IS BEING INSTALLED. PLUMBING CONTRACTOR TO ASSIST ROOFER IN THE INSTALLATION OF THE ROOF DRAINS.

D. PLUMBING CONTRACTOR TO ASSIST ROOFER IN THE INSTALLATION OF THE FREEZELESS ROOF HYDRANTS.

E. SLOPE HORIZONTAL PIPING AT 1/8" PER LINEAR FOOT. UNLESS OTHERWISED NOTED.

F. SUPPORT HORIZONTAL AND VERTICAL PLASTIC PIPING PER THE 2018 INTERNATIONAL PLUMBING CODE.

G. ROOF DRAIN ASSEMBLIES TO BE EQUAL TO J.R. SMITH MODEL 1020, 16" DIAMETER, LOW PROFILE DOME.



ROOF PLAN - LARGE SCALE STORM WATER - NEW WORK
SCALE: 1/2" = 1' - 0"

PENTHOUSE PLAN - LARGE SCALE STORM WATER - NEW WORK
SCALE: 1/2" = 1' - 0"

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CONSULTANT
Consultant:

ARCHITECT/ENGINEER OF RECORD
A/E:
LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013
Michael G. Lachin, AIA

STAMP
RANDY B. REECE
LICENSED PROFESSIONAL ENGINEER
29025
2-20-2025
STATE OF MISSISSIPPI

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VA U.S. Department of Veterans Affairs

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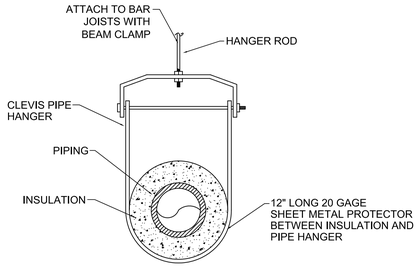
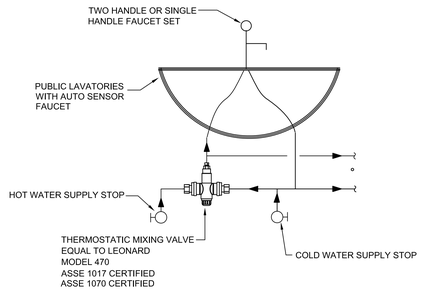


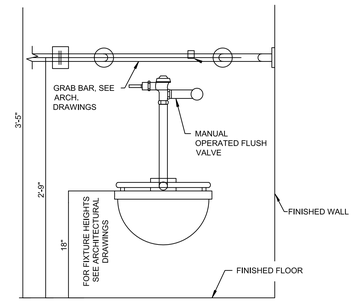
SUPPORT ALL PIPING ACCORDING TO THE IPC
INSULATE ALL PIPING ACCORDING TO THE SPECIFICATIONS
INSULATE ALL COLD PIPING WHICH WILL FORM CONDENSATE ON THE OUTSIDE OF THE PIPE. SEE DRAWINGS AND SPECS.

1F PIPE HANGER DETAIL
NTS

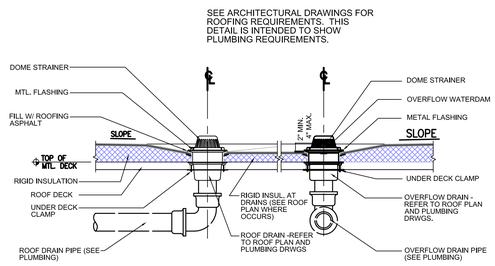


VALVE APPROXIMATELY 6"x4"
INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
PROVIDE SUPPORT AS REQUIRED.
INSULATE ALL EXPOSED SUPPLY AND WASTE PIPING INCLUDING MIXING VALVE UNDER LAVATORY TO MEET ADA GUIDELINE REQUIREMENTS.
VALVE TO PROVIDE MAXIMUM 109 DEGREE WATER TO LAVATORY.

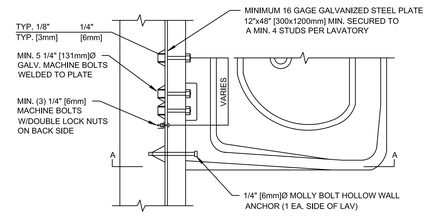
2F PUBLIC LAVATORIES MIXING VALVE DETAIL
NTS



3F P-103 WATER CLOSET DETAIL - SENSOR OPERATED
NTS



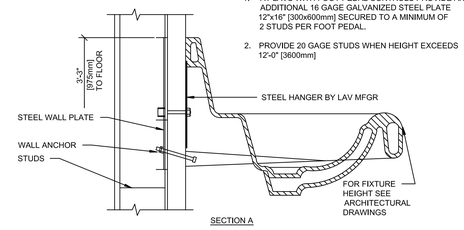
4F ROOF DRAIN DETAIL
NTS



PLAN

NOTE:

1. AT LAVS WITH FOOT PEDAL CONTROLS PROVIDE AN ADDITIONAL 16 GAGE GALVANIZED STEEL PLATE 12"x16" [300x600mm] SECURED TO A MINIMUM OF 2 STUDS PER FOOT PEDAL.
2. PROVIDE 20 GAGE STUDS WHEN HEIGHT EXCEEDS 12'-0" [3600mm]



SECTION A

5F LAVATORY MOUNTING DETAIL
NTS

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

Michael G. Lachin, AIA

STAMP

NANCY B. REECE — LICENSED PROFESSIONAL ENGINEER — 29025 — 2-20-2025 — STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	PLUMBING DETAILS
Approved:	
Phase	FINAL SUBMISSION
	FULLY SPRINKLERED
Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
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Drawn	RBR
Project Number	586-22-102
Building Number	1
Drawing Number	PL301
	11 OF 12

VA FORM 08 - 6231

PLUMBING FIXTURE SCHEDULE

TAG	FIXTURE TYPE	SUPPLY AND AIR CHAMBER FOR FIXTURE		TRIM REQM'TS.	WASTE/VENT REQM'TS.		MTG. HEIGHT (FLR. to RIM)	LOCATION	REMARKS
		HW	CW		WASTE	VENT			
WC-1	WALL MOUNTED WATER CLOSET		1"	FLUSH VALVE & SEAT	4"	2"	17"-19"	AS SHOWN	WALL MOUNT, ADA ACCESSIBLE, CHINA, CARRIER, AND TRAP PRIMER CONXN AT SUPPLY FIXTURE EQUAL TO KOHLER M# K-4325, SLOAN FLUSH VALVE EQUAL TO SLOAN ROYAL 111, NOTE 1.
LV-1	SINK	1/2"	1/2"	FAUCET, STOPS DRAIN	2"	2"	34"	AS SHOWN	ZURN MODEL #5340, 20" x 18" WALL MOUNTED LAV, VITREOUS CHINA, 4"CENTERS, , WITH BACKSPLASH; CHICAGO FAUCET MODEL 895-317FCABCP W/ 1.5 GPM LAMINAR FLOW CONTROL FAUCET,GRID DRAIN, CAST BRASS P-TRAP, BRASS STOPS AND RIGID SUPPLIES, TRUEBRO LAV-GUARD-2, AND JR SMITH #0710 SERIES FLOOR MOUNTED CARRIER FOR CONCEALED ARMS SUPPORT.
S-1	SINK	1/2"	1/2"	FAUCET, STOPS DRAIN	2"	2"	34"	AS SHOWN	ZURN MODEL #5340, 20" x 18" WALL MOUNTED LAV, VITREOUS CHINA, 4"CENTERS, , WITH BACKSPLASH; CHICAGO FAUCET MODEL 895-317FCABCP W/ 1.5 GPM LAMINAR FLOW CONTROL FAUCET,GRID DRAIN, CAST BRASS P-TRAP, BRASS STOPS AND RIGID SUPPLIES, TRUEBRO LAV-GUARD-2, AND JR SMITH #0710 SERIES FLOOR MOUNTED CARRIER FOR CONCEALED ARMS SUPPORT.
S-2	SINK	1/2"	1/2"	FAUCET, STOPS DRAIN	2"	2"	34"	AS SHOWN	ELKAY LRADQ-331975 , 7-1/2" DEEP DOUBLE COMPARTMENT, SELF RIMMING, 18 GAUGE, TYPE 304 STAINLESS STEEL SINK. CHICAGO FAUCET MODEL #786-GN8FCABCP 1.5 GPM FAUCET, OFFSET GRID DRAIN, CAST BRASS P-TRAP, AND BRASS STOPS W/ RIGID SUPPLIES. MIXING VALVE ABOVE CEILING.
MS-1	MOPSINK	1/2"	1/2"	FAUCET DRAIN	3"	2"	-	HOUSEKEEPING	FLOOR MOUNT MOPSINK, FIXTURE ACORN MODEL #TCR 28 FAUCET EQUAL TO DELTA M# 28T9, PROVIDE AN POINT OF USE THERMOSTATIC MIXING VALVE ON HOT WATER SUPPLY PIPING
TP-1	TRAP PRIMER	-	1/2"	-	-	-	-	AS REQUIRED	EQUAL TO PPP PRIME RITE 500, 1/2" , BRASS, AUTOMATIC DISTRIBUTION UNITS, IF REQUIRED. WITH ISOLATION VALVE.
FD-1	FLOOR DRAIN	-	1/2"	-	3"	2"	-	AS SHOWN	FLOOR DRAIN EQUAL TO JR SMITH MODEL# 2110 WITH TRAP PRIMER CONNECTION
FD-2	FLOOR DRAIN	-	1/2"	-	4"	2"	-	AS SHOWN	12" ROUND FLOOR DRAIN, BRONZE GRATE, EQUAL TO JR SMITH MODEL# 2230 WITH SURESEAL TRAP SEAL.
IMB-1	ICE MAKER BOX	-	1/2"	-	-	-	-	AS SHOWN	APPROXIMATELY 6" x 5" x 3-1/2" RECESSED ICE MAKER OUTLET BOX WITH FACEPLATE AND CHROME 1/4" TURN VALVE INSTALLED. FIXTURE EQUAL TO WATERTITE W9700
RD-1	ROOF DRAIN	-	-	-	-	-	-	AS SHOWN	16" DIAMETER, CAST IRON BODY WITH COMBINED FLASHING CLAMP, GRAVEL STOP, AND LOW PROFILE CAST IRON DOME EQUAL TO JR SMITH M# 1020

NOTE:

1. PROVIDE EXTRA HEAVY DUTY, OPEN FRONT WHITE PLASTIC SEAT, INTEGRALLY MOLDED BUMPERS WITH STAINLESS HINGES.
2. ALL FIXTURES TO BE WHITE IN COLOR UNLESS OTHERWISE SPECIFICALLY NOTED.
3. CONTRACTOR TO PROVIDE AND INSTALL ALL SEATS, GRAB BARS, HAND HELD DEVICES, OFFSET MIXING VALVES, FAUCET HANDLES, INSULATION, AND ETC TO MEET REQUIREMENTS OF THE ADA ACCESSIBILITY GUIDELINE.
4. ALL EXPOSED PLUMBING TO BE CHROME PLATED BRASS. NO PLASTIC IS ACCEPTABLE.
5. POLISHED CHROME GOOSENECK FAUCET. ALL COMPONENTS OF THIS ASSEMBLY TO BE NON-MAGNETIZABLE.
6. INSULATE PIPING AND OFF-SET UNDER LAVATORY.
7. TRAP PRIMER CONNECTION TO FLOOR DRAIN. VERIFY REQUIREMENT.

ALL PLUMBING FIXTURE COMPONENTS INCLUDING, BUT NOT LIMITED TO, MEDICAL GAS OUTLET SELECTIONS, WATER CLOSETS, SEATS, FLUSH VALVES, SINKS, FAUCETS, SHOWERS, ETC. TO HAVE FINAL APPROVAL BY COR.

Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

Michael G. Lachin, AIA

STAMP

RANDY B. REECE — LICENSED PROFESSIONAL ENGINEER — 29025 — 2-20-2025 — STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA | U.S. Department of Veterans Affairs

Drawing Title	PLUMBING SCHEDULES
Approved:	
Phase	FINAL SUBMISSION
	FULLY SPRINKLERED
Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location	1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date	2-20-2025
Checked	RBR
Drawn	RBR
Project Number	586-22-102
Building Number	1
Drawing Number	PL401
	12 OF 12

VA FORM 08 - 6231

ELECTRICAL SYMBOLS - LIGHTING PLAN

S/# SWITCH (# SUBSCRIPT AS INDICATED BELOW):
BLANK = SINGLE POLE — 2 = DOUBLE POLE
3 = THREE-WAY — 4 = FOUR-WAY
D = DIMMER LOW VOLTAGE — K = KEY OPERATED
LV= LOW VOLTAGE — WP= WEATHER PROOF
T = TIMER OPERATED — Mo= OCCUPANCY SENSOR
R = EMERGENCY LIGHT SWITCH — M = MOTOR RATED

MH MOTION SENSOR SWITCH, CEILING MOUNT CORRIDOR

M1 MOTION SENSOR SWITCH, CEILING MOUNT 1000 SQ FT

M2 MOTION SENSOR SWITCH, CEILING MOUNT 2000 SQ FT

A RECESSED DOWNLIGHT FIXTURE, LETTER INDICATES TYPE.

A LIGHT FIXTURE, RECESSED LED, 610x1220mm (2'x4'); LETTER INDICATES TYPE.

D LIGHT FIXTURE, LED EMERGENCY; LETTER INDICATES TYPE.

E LIGHT FIXTURE, RECESSED LED, 610x610mm (2'x2'); LETTER INDICATES TYPE.

LIGHT FIXTURE, RECESSED LED EMERGENCY, 610x610mm (2'x2'); LETTER INDICATES TYPE.

S LIGHT FIXTURE, STRIP OR WRAP LED; LETTER INDICATES TYPE.

LIGHT FIXTURE, WALL MOUNTED

EXIT SIGN, WALL MOUNTED WITH DIRECTIONAL ARROWS AND FACES AS SHOWN

EXIT SIGN, CEILING MOUNTED WITH DIRECTIONAL ARROWS AND FACES AS SHOWN

ELECTRICAL SYMBOLS - POWER PLAN

DISCONNECT SWITCH, FUSED

DISCONNECT SWITCH, UNFUSED

STARTER, COMBINATION WITH DISCONNECT SWITCH

STARTER OR MOTOR CONTROLLER

VFD VARIABLE FREQUENCY DRIVE

J JUNCTION BOX

BRANCH CIRCUIT HOMERUN. LINES INDICATE NUMBER OF CIRCUITS, NEUTRAL, AND SWITCH LEG CONDUCTORS. ONE SEPARATE GREEN GROUNDING CONDUCTOR SHALL BE PROVIDED FOR EACH HOMERUN; NOT SHOWN

LIFE-SAFETY BRANCH CONDUIT CONCEALED IN WALL OR ABOVE CEILING

CRITICAL BRANCH CONDUIT CONCEALED IN WALL OR ABOVE CEILING

S2 SWITCH
F = FUSED SWITCH — K = KEY OPERATED
L = LOCK — LM= LOW VOLTAGE MASTER
M = MANUAL MOTOR STARTING — MC= MOMENTARY CONTACT
MP= MOTOR SNAP WITH PILOT LIGHT (THERMAL TYPE) — P = WITH PILOT LIGHT
PB= PUSH BUTTON STATION — RC= REMOTE CONTROL
WP= WEATHER PROOF — X = EXPLOSION PROOF

SPECIAL ELECTRICAL CONNECTION

FA FIRE ALARM RELAY ELECTRICAL CONNECTION

AHU AIR HANDLING UNIT ELECTRICAL CONNECTION

AC MINI-SPLIT ELECTRICAL CONNECTION

CU CONDENSING UNIT ELECTRICAL CONNECTION

VAV VARIABLE AIR VOLUME ELECTRICAL CONNECTION

EF EXHAUST FAN ELECTRICAL CONNECTION

AV AUTOMATIC VALVE ELECTRICAL CONNECTION

LIFT PATIENT LIFT CHANGING STATION CONNECTION. AT CEILING

ELECTRICAL SYMBOLS - POWER PLAN (CONT.)

FLOOR OUTLET, DATA COMMUNICATION

EXISTING ELECTRICAL PANELBOARD

PANELBOARD CABINET, SURFACE MOUNTED

RECEPTACLE, DUPLEX

RECEPTACLE, DUPLEX ON EMERGENCY POWER

RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER ON EMERGENCY POWER

RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER

RECEPTACLE, QUADRAPLEX

RECEPTACLE, QUADRAPLEX ON EMERGENCY POWER

RECEPTACLE, SINGLE

RECEPTACLE, SPECIAL PURPOSE
A = 120V, 20A, 1 PHASE, 2-POLE, 3W, NEMA 5-20R.
B = 208V, 20A, 1 PHASE, 2-POLE, 3W, NEMA 6-20R.
C = 120V, 30A, 1 PHASE, 2-POLE, 3W, NEMA 5-30R.
D = 208V, 30A, 1 PHASE, 2-POLE, 3W, NEMA 6-30R.
E = 208V, 60A, 1 PHASE, 3-POLE, 4W, NEMA 14-60R.
F = 208V, 30A, 3 PHASE, 3-POLE 4W, NEMA 15-30R.
G = 208V, 50A, 3 PHASE, 3 POLE, 4W, NEMA 15-30R.
H = 208V, 60A, 3 PHASE, 3 POLE, 4W, NEMA 15-60R.

COMMUNICATION SYMBOLS - POWER PLAN

OUTLET, COMBINATION TELEPHONE/DATA COMMUNICATION

OUTLET DATA ONLY

C CENTRAX EQUIPMENT MONITORING DEVICE, CEILING MOUNTED

W WIRELESS ACCESS POINT

NCS NURSE'S CALL MASTER STATION MTD ON NURSE'S COUNTER TOP UNLESS OTHERWISE NOTED.

N2 NURSE CALL STATION.
2 = DUPLICATE FACILITIES FOR TWO BEDS (SEPARATE INDICATORS AT MASTER STATION) MTD 5'-0" [1524mm] AFF UNLESS OTHERWISE NOTED.
D = DUTY STATION. MTD 5'-0" [1524mm] AFF UNLESS NOTED OTHERWISE.
E = MTD 6'-0" [1829mm] AFF FOR SHOWER LOCATION, MTD 4'-6" [1372mm] AFF FOR TUB LOCATION, & MTD 3'-0" [914mm] AFF FOR TOILET LOCATION.
S = AUDIO VISUAL MALL STATION (STAFF) MTD 5'-0" [1524mm] AFF UNLESS OTHERWISE NOTED.
U = UTILITY CALL STATION, MTD 5'-0" [1524mm] AFF UNLESS OTHERWISE NOTED.

2N NURSE CALL STATION.
2 = NURSE'S CALL DOME LIGHT (SUFFIX INDICATES No OF LAMP) MTD 6" [152mm] ABOVE DOOR.
D = CORRIDOR DOME LIGHT.
I = AUXILIARY INTERSECTIONAL DOME LIGHT.

TTB TELEPHONE BACKBOARD (WALL MOUNTED)

NOTE:
FOR WHEELCHAIR PATIENT USE MOUNT TELEPHONE OUTLET 36" [914mm] AFF TO BOTTOM OF OUTLET BOX.

DESK PHONES - MOUNT OUTLET 1'-6" [457mm] AFF

HEIGHT OF TELECART OUTLETS SHALL BE AS INDICATED ON BEDWALLS OR PBPU DETAILS.

SEE VA BARRIER FREE DESIGN GUIDE PG-18-13.

ELECTRONIC SYMBOLS - FIRE ALARM PLAN

FAC ALARM, FIRE, COMMUNICATOR

FACP ALARM, FIRE, PANEL; LETTERS INDICATE AS FOLLOWS:
FACC = CENTRAL CONSOLE — FACP = CONTROL PANEL
MFACP= MASTER CONTROL PANEL — FAAP = ANNUNCIATOR PANEL

FATC ALARM, FIRE, TERMINAL CABINET.

FTR ALARM, TRANSPONDER OR TRANSMITTER

P ALARM, FIRE, MANUAL PULL STATION

SPEAKER/LIGHT, STROBE - C = CEILING MOUNTED

SIGNAL LIGHT, STROBE

R/T HD DETECTOR, HEAT; LETTER INDICATES AS FOLLOWS:
R/T = COMBINATION — F = FIXED TEMPERATURE RISE
R/C = RATE COMPENSATION — R = RATE OF

DETECTOR; LETTER INDICATES AS FOLLOWS:
BLANK = SMOKE DETECTOR
H = HEAT SMOKE
I = IONIZATION SMOKE
P = PHOTOELECTRIC SMOKE
IH = IONIZATION AND HEAT SMOKE
IP = IONIZATION AND PHOTOELECTRIC SMOKE
PH = PHOTOELECTRIC AND HEAT SMOKE
IPH = IONIZATION, PHOTOELECTRIC, AND HEAT

DETECTOR, SMOKE, FOR DUCT

ELECTRONIC SAFETY AND SECURITY SYMBOLS

M CARD READER WITH KEYPAD; LETTER INDICATES AS FOLLOWS:
M=MOUNT
C-CEILING — D-DESK — F-FLUSH — H-HIDDEN — M-MULLION
P-PEDESTAL — R-RACK — S-SURFACE — W-WALL

M T ELECTRONIC LOCK; LETTER INDICATES AS FOLLOWS:
M=MOUNT
C-CEILING — D-DESK — F-FLUSH — H-HIDDEN — M-MULLION
P-PEDESTAL — R-RACK — S-SURFACE — W-WALL
T=TECHNOLOGY/TYPE
D-DEADBOLT — H-HYBRID — L-LATCH SET — M-MAGNETIC — S-STRIKE

M T PUSH BUTTON; LETTER INDICATES AS FOLLOWS:
M=MOUNT
C-CEILING — D-DESK — F-FLUSH — H-HIDDEN — M-MULLION
P-PEDESTAL — R-RACK — S-SURFACE — W-WALL
T=TECHNOLOGY/TYPE
B-BELL PUSH — D-DURESS — P-PANIC — R-DOOR RELEASE
X-REQUEST-FOR-EXIT

CCTV PTZ SECURITY ACCESS, VIDEO CAMERA WITH LENS
M = MOTION DETECTOR
PZ = MOTION DETECTOR WITH PAN AND ZOOM
PTZ= MOTION DETECTOR WITH PAN, TILT, AND ZOOM

M T CARD ACCESS READER; LETTER INDICATES AS FOLLOWS
M=MOUNT
C=CEILING D=DESK F=FLUSH H=HIDDEN M=MULLION
P=PEDESTAL R=RACK S=SURFACE W=WALL
T=TECHNOLOGY/TYPE
F=ELEVATOR FLOOR CALL H=ELEVATOR HALL CALL S=SMART CARD

M T FIELD PANEL; LETTER INDICATES AS FOLLOWS
M=MOUNT
C=CEILING D=DESK F=FLUSH H=HIDDEN M=MULLION
P=PEDESTAL R=RACK S=SURFACE W=WALL
T=TECHNOLOGY/TYPE
A=ALARM C=CARD READER

M T ELECTRONIC LOCK; LETTER INDICATES AS FOLLOWS
M=MOUNT
C=CEILING D=DESK F=FLUSH H=HIDDEN M=MULLION
P=PEDESTAL R=RACK S=SURFACE W=WALL
T=TECHNOLOGY/TYPE
D= DEADBOLT H=HYBRID L=LATCH SET M= MAGNETIC S=STRIKE

SECURITY ACCESS, SWITCH, BALANCED MAGNETIC CONTROL

M T CONTROL PANEL; LETTER INDICATES AS FOLLOWS
M=MOUNT
C=CEILING D=DESK F=FLUSH H=HIDDEN M=MULLION
P=PEDESTAL R=RACK S=SURFACE W=WALL
T=TECHNOLOGY/TYPE
B=BURGLAR

GENERAL ELECTRICAL NOTES

A. ALL ELECTRICAL WIRING, CONDUIT, DEVICES, EQUIPMENT AND MATERIALS SHALL BE NEW UNLESS NOTED OTHERWISE. IF BREAKER SIZES ARE INADEQUATE NOTIFY THE COR IMMEDIATELY.

B. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRIC SAFETY CODE (IEEE C-2) AND THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE (NFPA 70).

C. ALL CONDUCTORS SHALL BE COPPER UNLESS NOTED OTHERWISE.

D. MINIMUM CONDUIT FOR ALL INSTALLATIONS SHALL BE 3/4". SEE SPECIFICATIONS.

E. FURNISH ALL LABOR AND TOOLS NECESSARY, AND FURNISH AND INSTALL ALL MATERIALS AND EQUIPMENT IN A FASHION COMPLYING WITH ALL APPLICABLE CODES, AUTHORITY HAVING JURISDICTION REQUIREMENTS, INCLUDING ITEMS REQUIRED BY NOT NECESSARILY SHOWN SUCH AS LAMPS, COUPLINGS, HANGERS, BRACKETS, CLAMPS, BOXES, CONNECTORS AND HARDWARE.

F. BEFORE SUBMITTING THE BID PROPOSAL, VISIT THE JOB SITE AND BECOME FULLY ACQUAINTED WITH THE JOB CONDITIONS. VERIFY SERVICE REQUIREMENTS, INCLUDING ALL NECESSARY PULLBOXES, SIZE AND NUMBER OF CONDUITS AND CONDUCTORS, PANELS, SWITCHBOARDS, DISCONNECT SWITCHES, CABLES, ETC., WHETHER SHOWN ON DRAWINGS OR NOT, BUT REQUIRED FOR PROVIDING A COMPLETE AND OPERABLE ELECTRICAL SYSTEM WITHOUT ADDITIONAL COST TO THE OWNER.

G. MULTI-GANG BACKBOXES FOR DIFFERENT VOLTAGES AND TYPES OF EMERGENCY AND NORMAL BRANCH WIRING DEVICES SHALL HAVE DIVIDERS BETWEEN DEVICES.

H. EACH BRANCH CIRCUIT HOMERUN SHALL HAVE NO MORE THAN THREE CIRCUITS. EACH BRANCH CIRCUIT HOMERUN SHALL HAVE A SEPARATE GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR.

I. REFER TO DUCTWORK SHEETS FOR THERMOSTATS AND HUMIDISTATS.

J. ALL FINAL LOCATIONS AND ARRANGEMENTS OF LIGHTING FIXTURES SHALL BE OBTAINED FROM THE ARCHITECTURAL REFLECTED CEILING PLAN.

K. WORK THAT MAY INTERFERE WITH FINISHES ON THE FLOOR BELOW SHALL BE COORDINATED WITH THE OWNER. ANY CUTTING OR PENETRATION OF THE FLOOR SHALL BE SCHEDULED AND ALL ACCESS TO FLOOR BELOW SHALL BE LEFT IN ORIGINAL CONDITION. CLEAN ALL DEBRIS FROM CEILING SPACES WITH WORKING IN BASEMENT LEVEL CEILINGS. ANY CORE DRILLING SHALL BE DONE DRY OR CAPTURE ALL WATER. DAMAGES TO FINISHES IN BASEMENT LEVEL WILL BE CORRECTED AND PAID FOR BY THIS CONTRACTOR.

L. ALL NEW PANELS SHALL HAVE ARC FLASH COORDINATION. ASSET ENGINEERING COMPANY IN CANTON, MS (601.351.3270) SHALL PERFORM ALL ARC FLASH WORK. CONTRACTOR SHALL COORDINATE WITH ASSET ENGINEERING AND INCLUDE PRICING FOR THIS COORDINATION.

M. THE EXISTING FIRE ALARM SYSTEM IS SIEMENS. CONTRACTOR SHALL COORDINATE WITH SIEMENS AND OWNER TO REMOVE ALL EXISTING FIRE ALARM COMPONENTS WHERE NOTED. INSTALL NEW AS SHOWN.

ELECTRICAL SYMBOLS - DEMOLITION PLAN

EXISTING 2X4 TROFFER OR SURFACE FLUORESCENT TO BE REMOVED

EXISTING 2X2 TROFFER OR SURFACE FLUORESCENT TO BE REMOVED

EXISTING WALL MOUNTED LUMINAIRE TO BE REMOVED

EXISTING WALL MOUNTED LUMINAIRE TO BE REMOVED

EXISTING RECESSED LUMINAIRE TO BE REMOVED

EXISTING IN-USE LUMINAIRE TO BE REMOVED

EXISTING EXIT LUMINAIRE TO BE REMOVED

EXISTING EMERGENCY EGRESS LUMINAIRE TO BE REMOVED

EXISTING SWITCH TO BE REMOVED

EXISTING DUPLEX RECEPTACLE TO BE REMOVED

EXISTING QUADRAPLEX RECEPTACLE TO BE REMOVED

EXISTING TELEPHONE, DATA, OR CATV OUTLET TO BE REMOVED

DN EXISTING NURSE CALL DEVICE TO REMAIN

NL EXISTING NIGHT LIGHT LUMINAIRE TO BE RETROFITTED

PW EXISTING PATIENT WANDERER DEVICE TO BE REMOVED, SALVAGED, AND REINSTALLED

A EXISTING ALARM DEVICE TO BE REMOVED, SALVAGED, AND REINSTALLED

W EXISTING WIFI DEVICE TO BE REMOVED, SALVAGED, AND REINSTALLED

SX EXISTING SPEAKER TO BE REMOVED, SALVAGED, AND REINSTALLED

EXISTING SMOKE DETECTOR TO BE REMOVED, SALVAGED, AND REINSTALLED

EXISTING SPECIAL SYSTEM DEVICE TO BE REMOVED, SALVAGED, AND REINSTALLED

EXISTING ANTENNA DEVICE TO BE REMOVED, SALVAGED, AND REINSTALLED

EXISTING KEYPAD DEVICE TO REMAIN

EXISTING CENTRAX DEVICE TO BE REMOVED, SALVAGED, AND REINSTALLED

ND EXISTING NURSE CALL LIGHT TO BE REMOVED, SALVAGED, AND REINSTALLED

NE EXISTING NURSE CALL PULL CHORD DEVICE TO BE REMOVED, SALVAGED, AND REINSTALLED

EXISTING WALL MOUNTED SPEAKER TO BE REMOVED, SALVAGED, AND REINSTALLED

EXISTING SECURITY CAMERA TO BE REMOVED, SALVAGED, AND REINSTALLED

EXISTING EMERGENCY STOP TO BE REMOVED

EXISTING PANELBOARD TO BE REMOVED

M EXISTING MECH./HVAC EQUIPMENT CONNECTION TO BE REMOVED

FCU EXISTING FAN COIL UNIT CONNECTION TO BE REMOVED

EF EXISTING EXHAUST FAN CONNECTION TO BE DISCONNECTED

FCU EXISTING FAN COIL UNIT CONNECTION TO REMAIN

PL PATIENT LIFT CONNECTION TO BE DISCONNECTED AND RECONNECTED

BTV OVER-BED TELEVISION MOUNT TO BE DISCONNECTED AND RECONNECTED. INSTALL ALL NEW COAXIAL CABLING.

R PATIENT RECOVERY BED CONNECTION TO BE DISCONNECTED AND RECONNECTED

P EXISTING FIRE ALARM PULL STATION TO BE REMOVED, SALVAGED, AND REINSTALLED

EXISTING SPEAKER/STROBE TO BE REMOVED, SALVAGED, AND REINSTALLED

EXISTING STROBE ONLY TO BE REMOVED, SALVAGED, AND REINSTALLED

e EXISTING RECEPTACLE TO BE REMOVED AND REPLACED WITH NEW. SALVAGE CIRCUIT FOR INSTALLATION OF NEW RECEPTACLE AND COVERPLATE. "R" REPRESENTS RED RECEPTACLE.

e EXISTING GFCI RECEPTACLE TO BE REMOVED AND REPLACED WITH NEW. SALVAGE CIRCUIT FOR INSTALLATION OF NEW RECEPTACLE AND COVERPLATE. "R" REPRESENTS RED RECEPTACLE.

Se EXISTING SWITCH TO BE REMOVED AND REPLACED WITH NEW. SALVAGE CIRCUIT FOR INSTALLATION OF NEW SWITCH AND COVER PLATE.

e EXISTING COMMUNICATIONS DEVICE TO BE REMOVED AND REPLACED WITH NEW. SALVAGE WIRING FOR INSTALLATION OF NEW DEVICE AND COVER PLATE. # REPRESENTS NUMBER OF EXISTING DROPS.

DHe EXISTING DOOR HOLD CONNECTION TO REMAIN. REWORK AS REQUIRED TO ALLOW FOR NEW WALLS, FINISHES, OR OTHER INSTALLATIONS.

100% SUBMISSION	1-8-2025
75% Review	12-5-2024
Revision 1 - 50% Resubdivision	10-23-2024
Revisions:	Date:

CONSULTANT
Consultant:

ARCHITECT/ENGINEER OF RECORD
A/E:
LA LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013
Michael G. Lachin, AIA

STAMP
GREGORY P. WYRICK — 25378 — REGISTERED PROFESSIONAL ENGINEER — STATE OF MISSISSIPPI

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL LEGEND AND NOTES
Approved: -
Phase: FINAL SUBMISSION
FULLY SPRINKLERED
Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location: 1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date: 2/20/2025 | Checked: GPW | Drawn: WH
Project Number: 586-22-102
Building Number: 1
Drawing Number: E000

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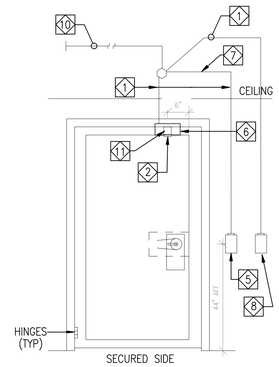


SPECIFIC NOTES (TYPICAL SINGLE DOOR ACCESS CONTROL DETAIL):

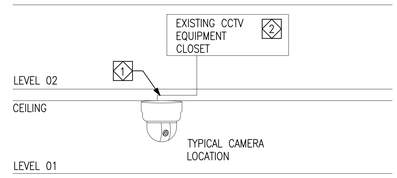
1. 3/4" FLEXIBLE CONDUIT WITH PULL STRING.
2. HOLE (CENTERED IN BOX).
3. NOT USED.
4. NOT USED.
5. CARD READER 1-GANG JUNCTION BOX. LOCATED ON EXTERIOR SIDE OF DOOR AS SHOWN ON DRAWINGS. CUT AND INSTALL CARD READER ON EXIT SIDE OF DOOR. COORDINATE INSTALLATION OF MULLION MOUNTED DEVICE WITH DIVISION 8 AS SHOWN ON FLOOR PLANS.
6. MORTAR GUARD BOX FOR FLUSH MAGNETIC DOOR CONTACT BY DIVISION 26. 3/4" HOLE IN DOOR FRAME AND TOP OF DOOR BY DIVISION 8.
7. ROUTE THROUGH DOOR FRAME AT ALL DOOR LOCATIONS AS REQUIRED.
8. PUSH TO EXIT 1-GANG JUNCTION BOX. LOCATE ON SECURE SIDE OF DOOR AS SHOWN ON DRAWINGS. COORDINATE WITH DIVISION 8.
9. NOT USED.
10. 3/4"C WITH PULL STRING TO NEAREST ACCESSIBLE CEILING. EXTEND TO NEAREST CONTROLLER
11. DOOR CONTACT.

1 TYPICAL SINGLE DOOR ACCESS CONTROL DETAIL

NONE

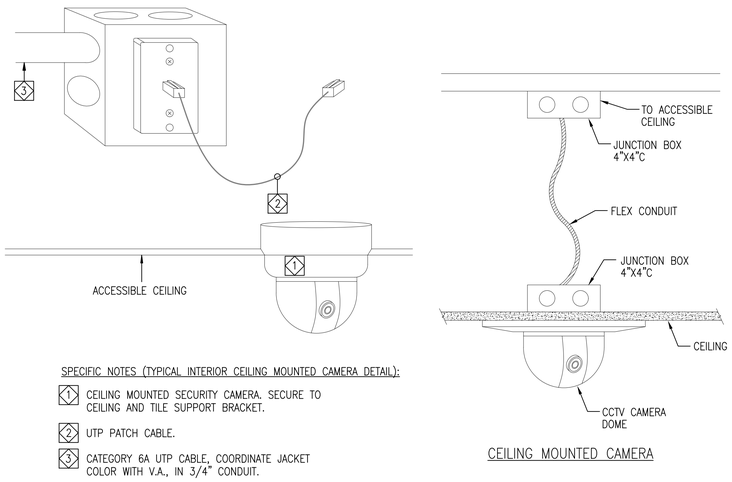
SPECIFIC NOTES (TYPICAL CCTV RISER DETAIL):

1. CATEGORY 6A GREEN CABLE.
2. TERMINATE ALL CAMERA LOCATIONS FROM LEVEL 01 ON TO THE EXISTING CCTV EQUIPMENT INSTALLED IN THE EXISTING RACK. UTILIZE EXISTING PATHWAY TO PULL CABLING.



2 TYPICAL CCTV RISER DIAGRAM

NONE



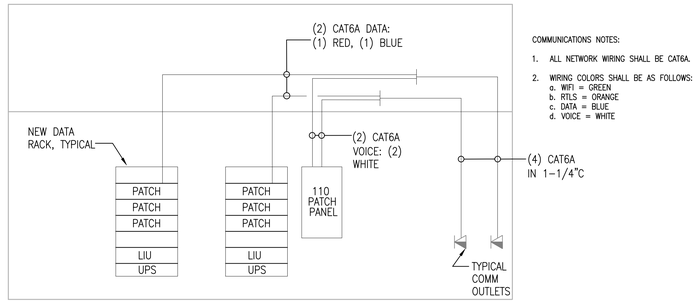
CEILING MOUNTED CAMERA

SPECIFIC NOTES (TYPICAL INTERIOR CEILING MOUNTED CAMERA DETAIL):

1. CEILING MOUNTED SECURITY CAMERA. SECURE TO CEILING AND TILE SUPPORT BRACKET.
2. UTP PATCH CABLE.
3. CATEGORY 6A UTP CABLE, COORDINATE JACKET COLOR WITH V.A., IN 3/4" CONDUIT.

3 TYPICAL INTERIOR CAMERA MOUNTING DETAILS

NONE

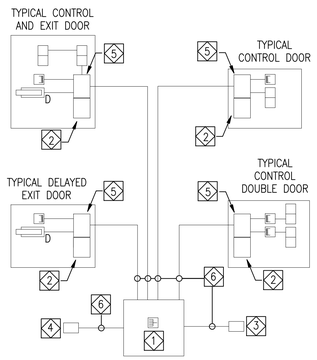


COMMUNICATIONS NOTES:

1. ALL NETWORK WIRING SHALL BE CAT6A.
2. WIRING COLORS SHALL BE AS FOLLOWS:
   a. WIFI = GREEN
   b. RTLS = ORANGE
   c. DATA = BLUE
   d. VOICE = WHITE

4 TYPICAL COMMUNICATIONS DETAIL

NONE



SPECIFIC NOTES (TYPICAL ACCESS CONTROL SYSTEM DETAIL):

1. EXISTING ACCESS CONTROL SYSTEM PANEL.
2. POWER SUPPLY.
3. ACCESS CONTROL SYSTEM INTERFACE TO FIRE ALARM SYSTEM FOR DOOR RELEASE ON ALL CONTROLLED DOORS.
4. ACCESS CONTROL SYSTEM INTERFACE TO SECURITY CONTROL SYSTEM.
5. LOCAL ACCESS DOOR CONTROLLER & COMMUNICATIONS MODULE.
6. ACCESS CONTROL SYSTEM WIRING AS PER MANUFACTURER. (CONCEALED WITH CONDUIT).

5 TYPICAL ACCESS CONTROL SYSTEM DETAIL

NONE

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75% Review	12-5-2024
Revision 1 - 50% Resubdivision	10-23-2024
Revisions:	Date:

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Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

Michael G. Lachin, AIA

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GREGORY P. WYROSDICK — REGISTERED PROFESSIONAL ENGINEER — 25125 — STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL DETAILS	Phase: FINAL SUBMISSION	Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH	Project Number: 586-22-102
Approved: -			Building Number: 1
	FULLY SPRINKLERED	Location: 1500 E. Woodrow Wilson Dr. Jackson, MS	Drawing Number: E001
		Issue Date: 2/20/2025 / Checked: GPW / Drawn: WH	

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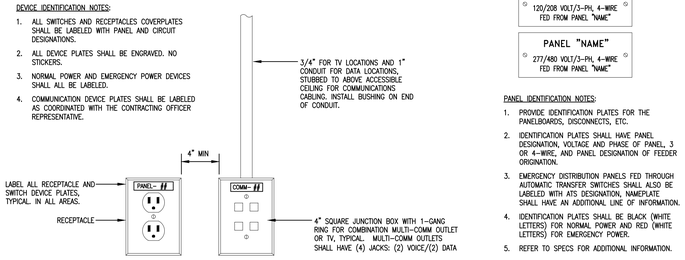
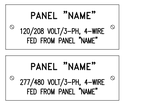


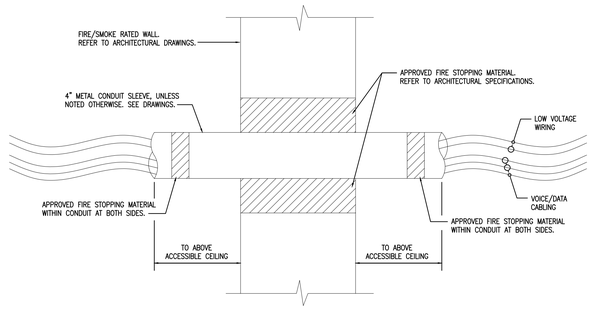


PANEL IDENTIFICATION NOTES:

1. PROVIDE IDENTIFICATION PLATES FOR THE PANELBOARDS, DISCONNECTS, ETC.
2. IDENTIFICATION PLATES SHALL HAVE PANEL DESIGNATION, VOLTAGE AND PHASE OF PANEL, 3 OR 4-WIRE, AND PANEL DESIGNATION OF FEEDER ORIGINATION.
3. EMERGENCY DISTRIBUTION PANELS FED THROUGH AUTOMATIC TRANSFER SWITCHES SHALL ALSO BE LABELED WITH ATS DESIGNATION, NAMEPLATE SHALL HAVE AN ADDITIONAL LINE OF INFORMATION.
4. IDENTIFICATION PLATES SHALL BE BLACK (WHITE LETTERS) FOR NORMAL POWER AND RED (WHITE LETTERS) FOR EMERGENCY POWER.
5. REFER TO SPECS FOR ADDITIONAL INFORMATION.

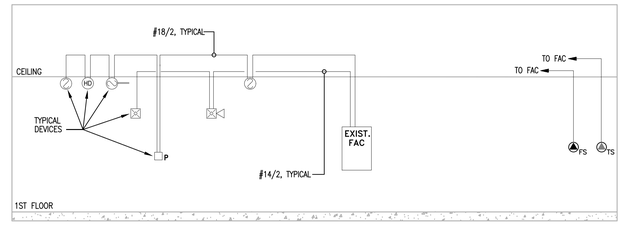
1 DEVICE & PANEL LABELING DETAIL

NONE



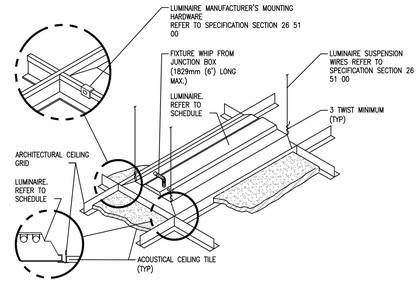
2 SYSTEMS CABLING FIRE STOP DETAIL

NONE



3 TYPICAL FIRE ALARM DETAIL

NONE

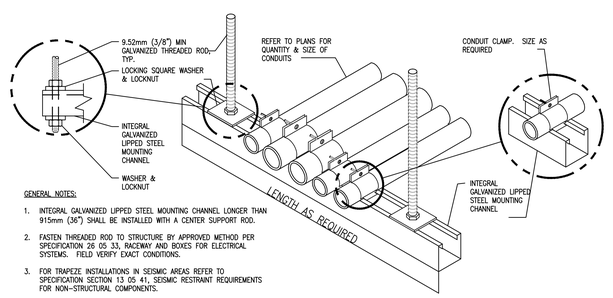


GENERAL NOTE:

1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTING INSTRUCTIONS AND USING THE RECOMMENDED MOUNTING HARDWARE.

4 LUMINAIRE MOUNTING - LAY-IN CEILING

NONE

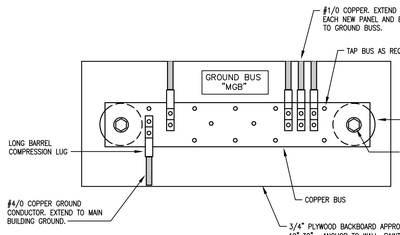


GENERAL NOTES:

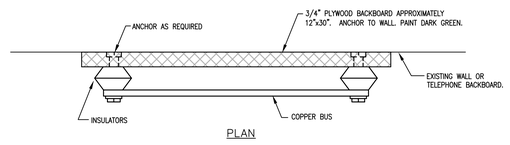
1. INTEGRAL GALVANIZED LIPPED STEEL MOUNTING CHANNEL LONGER THAN 915mm (36") SHALL BE INSTALLED WITH A CENTER SUPPORT ROD.
2. FASTEN THREADED ROD TO STRUCTURE BY APPROVED METHOD PER SPECIFICATION 26 05 33, RACEWAY AND BOXES FOR ELECTRICAL SYSTEMS. FIELD VERIFY EXACT CONDITIONS.
3. FOR TRAPEZE INSTALLATIONS IN SEISMIC AREAS REFER TO SPECIFICATION SECTION 13 05 41, SEISMIC RESTRAINT REQUIREMENTS FOR NON-STRUCTURAL COMPONENTS.

5 CONDUIT TRAPEZE MOUNTING DETAIL

NONE



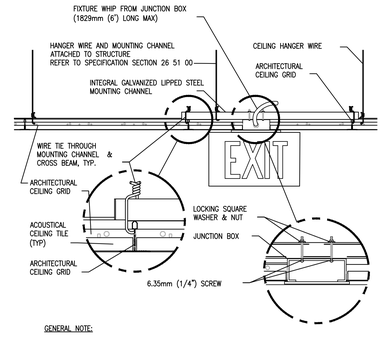
ELEVATION



PLAN

6 GROUND BUSS DETAIL "MGB"

NONE

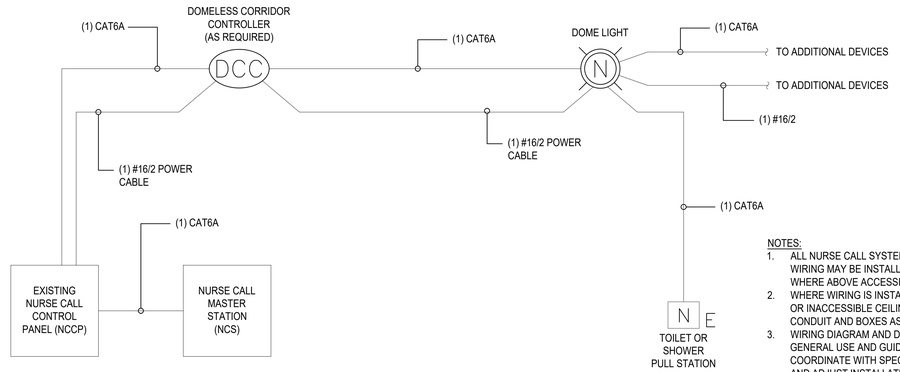


GENERAL NOTE:

1. INSTALL IN ACCORDANCE WITH MANUFACTURER'S MOUNTING INSTRUCTIONS AND USING THE RECOMMENDED MOUNTING HARDWARE.

7 EXIT SIGN MOUNTING - LAY-IN CEILING

NONE



NOTES:

1. ALL NURSE CALL SYSTEM LOW VOLTAGE WIRING MAY BE INSTALLED FREE AIR WHERE ABOVE ACCESSIBLE CEILINGS.
2. WHERE WIRING IS INSTALLED IN WALLS OR INACCESSIBLE CEILINGS, UTILIZE CONDUIT AND BOXES AS REQUIRED.
3. WIRING DIAGRAM AND DETAILS ARE FOR GENERAL USE AND GUIDELINES. COORDINATE WITH SPECIFIC VENDOR AND ADJUST INSTALLATIONS ACCORDINGLY TO MEET SPECIFIC RETIREMENTS.

8 NURSE CALL WIRING DETAIL

NONE

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Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

Michael G. Lachin, AIA

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GREGORY P. WYROSTOK — REGISTERED PROFESSIONAL ENGINEER — 25175 — STATE OF MISSISSIPPI

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL DETAILS

Phase: FINAL SUBMISSION

Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH

Project Number: 586-22-102

Building Number: 1

Approved: -

Location: 1500 E. Woodrow Wilson Dr. Jackson, MS

Drawing Number: E002

Issue Date: 2/20/2025

Checked: GPW

Drawn: WH

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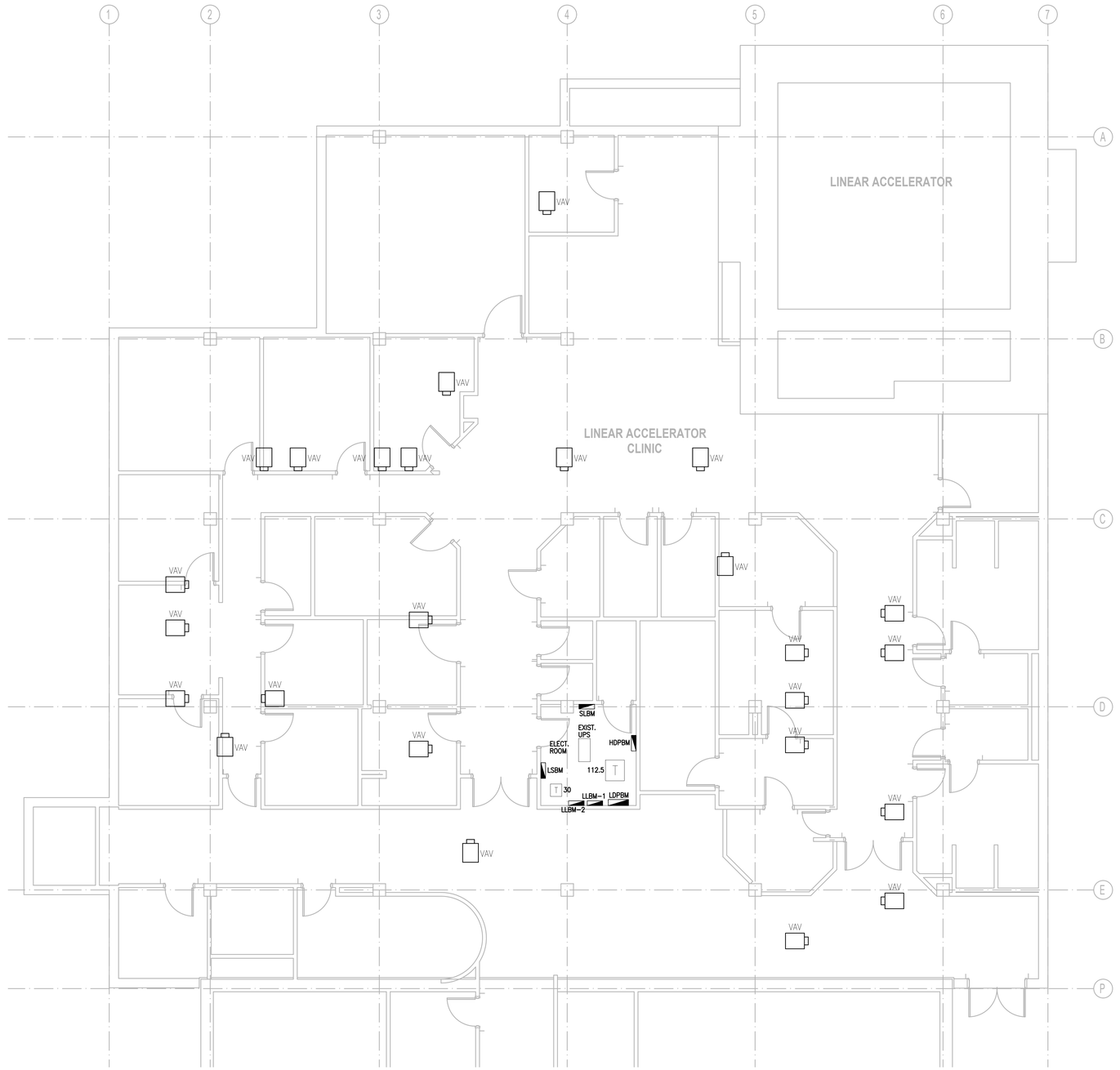

1 E101 ELECTRICAL DEMOLITION PLAN - BASEMENT
3/16" = 1'-0"

ELECTRICAL DEMOLITION NOTES

1. VAV BOXES SHOWN FOR REFERENCE ONLY.
2. ALL RELATED DEMOLITION IS FOR PNEUMATIC TUBING CONTROLS ONLY.

100% SUBMISSION	1-8-2025
75% Review	12-5-2024
Revision 1 - 50% Resubdivision	10-23-2024
Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E: LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013
Michael G. Lachin, AIA

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GREGORY P. WYRONSKI — REGISTERED PROFESSIONAL ENGINEER — 25175 — STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL DEMOLITION PLAN - BASEMENT

Approved: -

Phase: FINAL SUBMISSION

FULLY SPRINKLERED

Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH

Location: 1500 E. Woodrow Wilson Dr. Jackson, MS

Issue Date: 2/20/2025 | Checked: GPW | Drawn: WH

Project Number: 586-22-102

Building Number: 1

Drawing Number: E101

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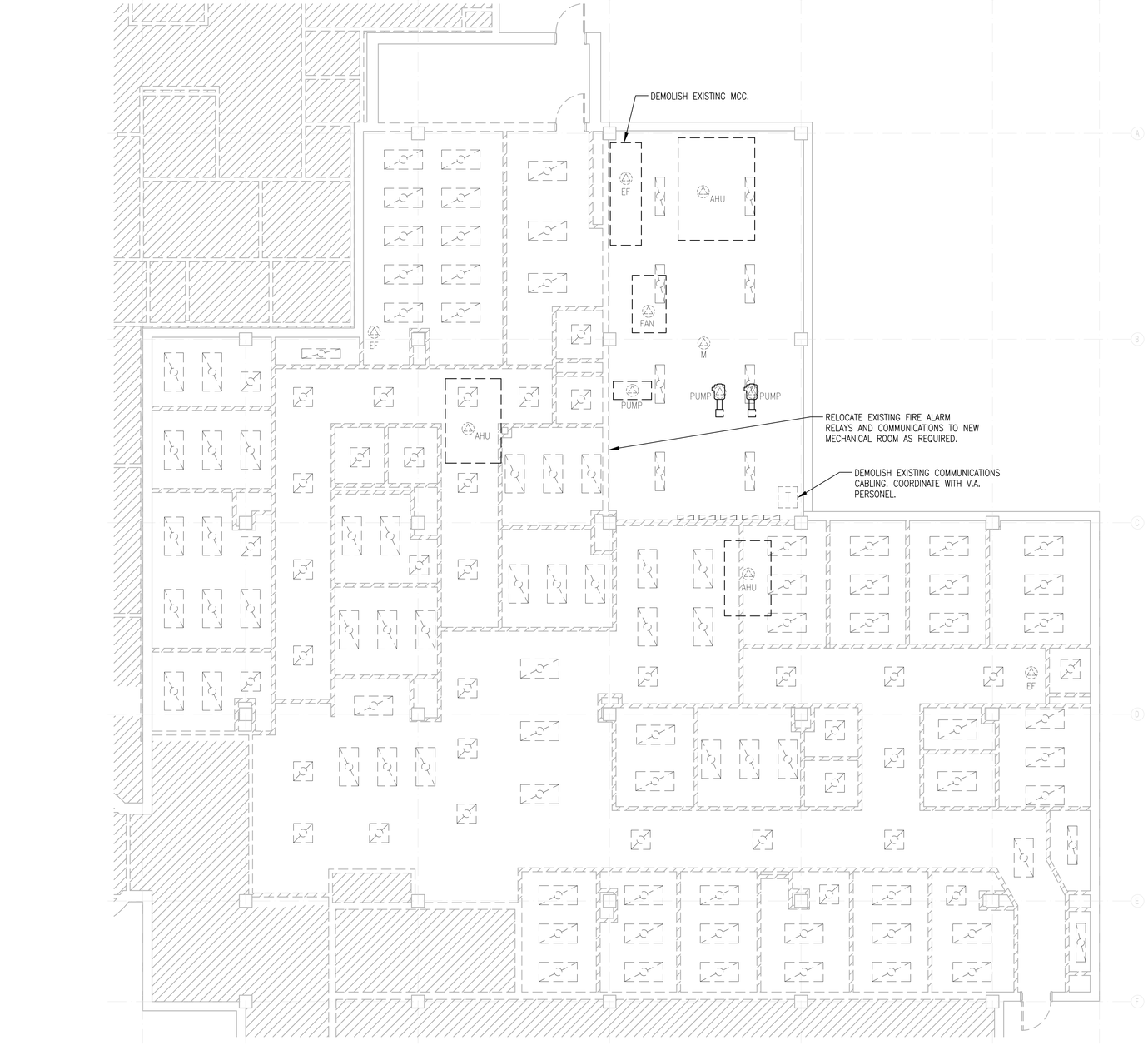

1 E102 ELECTRICAL DEMOLITION PLAN - FIRST FLOOR
3/16" = 1'-0"

GENERAL NOTES - DEMOLITION

1. EXISTING CONDITIONS ARE NOTED BASED ON AS-BUILT DRAWING DOCUMENTATION AND ATTEMPTS HAVE BEEN MADE TO REPRESENT EXISTING ELECTRICAL CONDITIONS.
2. CONTRACTOR SHALL REMOVE AND DISCARD ALL ELECTRICAL EQUIPMENT WITHIN AREA OF WORK. INCLUDING BUT NOT LIMITED TO LUMINAIRES, LAMPS, DEVICES, SWITCHES, CONDUIT, WIRING, EQUIPMENT, AND LOW VOLTAGE SYSTEMS THAT ARE NOT BEING REUSED BY THE OWNER.
3. CONTRACTOR SHALL REMOVE AND DISCARD ALL EXISTING ELECTRICAL CIRCUITS BACK TO PANELS THAT ARE NOT REQUIRED FOR REUSE. DISCONNECT ELECTRICAL CONNECTIONS AND APPARATUS AT EQUIPMENT, REMOVE SAFETY SWITCHES, AND FEEDERS/WIRING ASSOCIATED WITH EACH.
4. CONDUITS WHICH STUB UP THROUGH EXISTING SLAB SHALL BE CUT OFF EVEN WITH SLAB. CUT SHALL BE FLUSH TO ALLOW FOR ANY NEW FLOORING TO BE INSTALLED.
5. ALL EXISTING FIRE ALARM SYSTEM DEVICES AND COMPONENTS SHALL BE REMOVED AND DISCARDED. WHERE APPLICABLE, WIRING SHALL BE SALVAGED AND REUSED.
6. ALL EXISTING TELEPHONE, DATA, AND CATV SYSTEMS, WIRING, AND COMPONENTS THAT ARE NOT REQUIRED FOR REUSE, SHALL BE REMOVED AND DISCARDED.
7. ALL EXISTING SECURITY ACCESS SYSTEM, WIRING, AND COMPONENTS THAT ARE NOT REQUIRED FOR REUSE, SHALL BE REMOVED AND DISCARDED.
8. DEMOLITION OF EXISTING BUILDING SHALL BE COORDINATED WITH OWNER AND PHASES OF CONSTRUCTION.
9. AREAS OUTSIDE LIMITS OF WORK SHALL BE PROTECTED. CONDUIT, WIRING, CIRCUITS, AND ALL SYSTEMS THAT FALL OUTSIDE SCOPE OF WORK ARE TO REMAIN IN OPERATION. MAINTAIN CIRCUIT AND WIRING CONTINUITY FOR ALL ADJACENT AREAS.
10. COORDINATE WITH OWNER, ARCHITECT, AND OTHER TRADES FOR DEMOLITION BOUNDARIES AS REQUIRED. IN SOME CONDITIONS, ADDITIONAL DEMOLITION MAY BE REQUIRED BEYOND THE INDICATED BOUNDARIES OF THE WORK OF THIS PHASE. VERIFY REMOVAL OF EXISTING CONDITIONS AND SYSTEMS IN THESE AREAS.
11. EXISTING FLUSH MOUNTED BOXES NOT BEING REUSED SHALL BE COVERED WITH FINISHED, FLUSH, STAINLESS STEEL COVER PLATES.
12. COORDINATE WITH OWNER FOR REMOVAL OF CAMERAS, WIFI-AP EQUIPMENT, ACCESS CONTROL, AND PATIENT WANDER SYSTEM. THESE ITEMS MAY BE REMOVED AND MAINTAINED BY THE OWNER. ALL SPECIAL EQUIPMENT ITEMS SHALL BE SALVAGED AND TURNED OVER TO OWNER, UNLESS DIRECTED OTHERWISE.

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75% Review	12-5-2024
Revision 1 - 50% Resubdivision	10-23-2024
Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

Michael G. Lachin, AIA

STAMP

GREGORY P. WYROSDICK — REGISTERED PROFESSIONAL ENGINEER — 25175 — STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL DEMOLITION PLAN - FIRST FLOOR	Phase: FINAL SUBMISSION	Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH	Project Number: 586-22-102
Approved: -	FULLY SPRINKLERED	Location: 1500 E. Woodrow Wilson Dr. Jackson, MS	Building Number: 1
		Issue Date: 2/20/2025 / Checked: GPW / Drawn: WH	Drawing Number: E102

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1 / E201 NEW LIGHTING PLAN - FIRST FLOOR
3/16" = 1'-0"

100% SUBMISSION	1-8-2025
75% Review	12-5-2024
Revision 1 - 50% Resubdivision	10-23-2024
Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

Michael G. Lachin, AIA

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GREGORY P. WYRONSKI — REGISTERED PROFESSIONAL ENGINEER — STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	NEW LIGHTING PLAN - FIRST FLOOR
Approved: -	
Phase	FINAL SUBMISSION
	FULLY SPRINKLERED
Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location	1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date	2/20/2025
Checked	GPW
Drawn	WH
Project Number	586-22-102
Building Number	1
Drawing Number	E201

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1 NEW POWER AND COMM PLAN - FIRST FLOOR
E202 3/16" = 1'-0"

GENERAL POWER + COMM. NOTES

1. ALL DEVICE HEIGHTS SHALL BE COORDINATED WITH EQUIPMENT, MILLWORK, AND ARCHITECTURAL DETAILS. VERIFY PRIOR TO ROUGH-IN.
2. IN AREAS WITH GYP-BOARD CEILINGS, CONTRACTOR SHALL INSTALL ACCESS PANELS AS REQUIRED FOR JUNCTION BOXES LOCATED ABOVE CEILINGS.
3. ACCESS CONTROL SYSTEMS SHALL BE BY SIEMENS OR SIMPLEX.
4. CAMERAS AND LOW VOLTAGE/SPECIAL SYSTEMS SHALL BE BY EMERALD RESOURCE. THIS CONTRACTOR SHALL INCLUDE IN HIS BID ALL CAMERAS, CAMERA WIRING, AND INSTALLATION. COORDINATE WITH EMERALD RESOURCE FOR ALL INSTALLATIONS.
5. CONTRACTOR SHALL INCLUDE INCREMENTAL REMOVAL OF ALL CIRCUITS AND PANELS DURING CONSTRUCTION. COORDINATE PHASING WITH ARCHITECTURAL PLANS AND REQUIREMENTS OF VA.
6. WORK REQUIRED IN FLOOR ABOVE AND FLOOR BELOW WORK AREA SHALL BE COORDINATED WITH VA. REMOVE AND REPLACE EXISTING CEILINGS AS REQUIRED FOR NEW WORK. CORE DRILL AND PATCH WITH FIRE CAULK WHERE REQUIRED.

SPECIFIC POWER + COMM. NOTES

1. COORDINATE WITH ARCHITECT DETAILS FOR ELECTRICAL AND COMMUNICATIONS CONNECTIONS AT MILLWORK. ALL CONDUITS SHALL BE CONCEALED IN WALLS OR ROUTED BELOW SLAB AND EXTENDED UP IN ADJACENT WALLS. INSTALL COMMUNICATIONS WIRING IN 1"C AT MILLWORK.
2. COORDINATE WITH ARCHITECT FOR POWER OPERATED DOORS. MAKE ALL ROUGH-INS AND CONNECTIONS AS REQUIRED FOR MOTOR AND OPERATOR BUTTONS.
3. STACK TRANSFORMERS IN MECH. ROOM. PROVIDE UNISTRUT FOR UPPER TRANSFORMER.
4. VERIFY EXACT LOCATION OF NURSE CALL STATION PRIOR TO ROUGH-IN.
5. ALL NEW TELE/DATA/COMM/CCTV/WIFI WIRING SHALL BE TERMINATED AT NEW DATA RACK AT THIS LOCATION. DATA, TELEPHONE, SHALL BE TERMINATED ON RACK.
6. FEED NEW PANEL "MH1EQ" FROM EXISTING "NMCCEC" IN BASEMENT, ELECTRICAL ROOM "E3". INSTALL NEW 400AMP/3-POLE BREAKER. FEED WITH 4-#500, 1-#3G IN 4"C.
7. FEED NEW PANEL "LS1M" FROM EXISTING "LSBM" IN BASEMENT, ELECTRICAL ROOM. CONNECT TO EXISTING 225AMP/3-POLE BREAKER. FEED WITH 4-#4/0, 1-#4G IN 2-1/2"C.
8. FEED NEW PANEL "LH1M" FROM EXISTING "HDPBM" IN BASEMENT, ELECTRICAL ROOM. CONNECT TO EXISTING 100AMP/3-POLE BREAKER. FEED WITH 4-#3, 1-#8G IN 1-1/4"C.
9. FEED NEW PANEL "LL1M" FROM EXISTING "LDPBM" IN BASEMENT, ELECTRICAL ROOM. CONNECT TO EXISTING 225AMP/3-POLE BREAKER. FEED WITH 4-#4/0, 1-#4G IN 2-1/2"C.
10. INSTALL NEW FEEDER TO EXISTING PANEL "LS2M". VERIFY LOCATION OF EXISTING PANEL. SEE PANEL SCHEDULES FOR FEEDER INFORMATION.
11. NEW PANELS "LC1M" AND "LQ1M" SHALL BE FED THROUGH NEW 30KVA TRANSFORMERS FROM PANELS "LS1M" AND "MH1EQ" RESPECTIVELY. FEED EACH PANEL WITH 4-#3, 1-#8G IN 1-1/4"C. SEE PANEL SCHEDULES FOR 480VOLT CONNECTION DETAILS.

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Revisions:	Date:

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Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc

Architecture . Planning . Project Management

Michael G. Lachin, AIA

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

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GREGORY P. WYROSS — REGISTERED PROFESSIONAL ENGINEER — STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: NEW POWER AND COMM. PLAN - FIRST FLOOR

Approved: -

Phase: FINAL SUBMISSION

FULLY SPRINKLERED

Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH

Location: 1500 E. Woodrow Wilson Dr. Jackson, MS

Issue Date: 2/20/2025 | Checked: GPW | Drawn: WH

Project Number: 586-22-102

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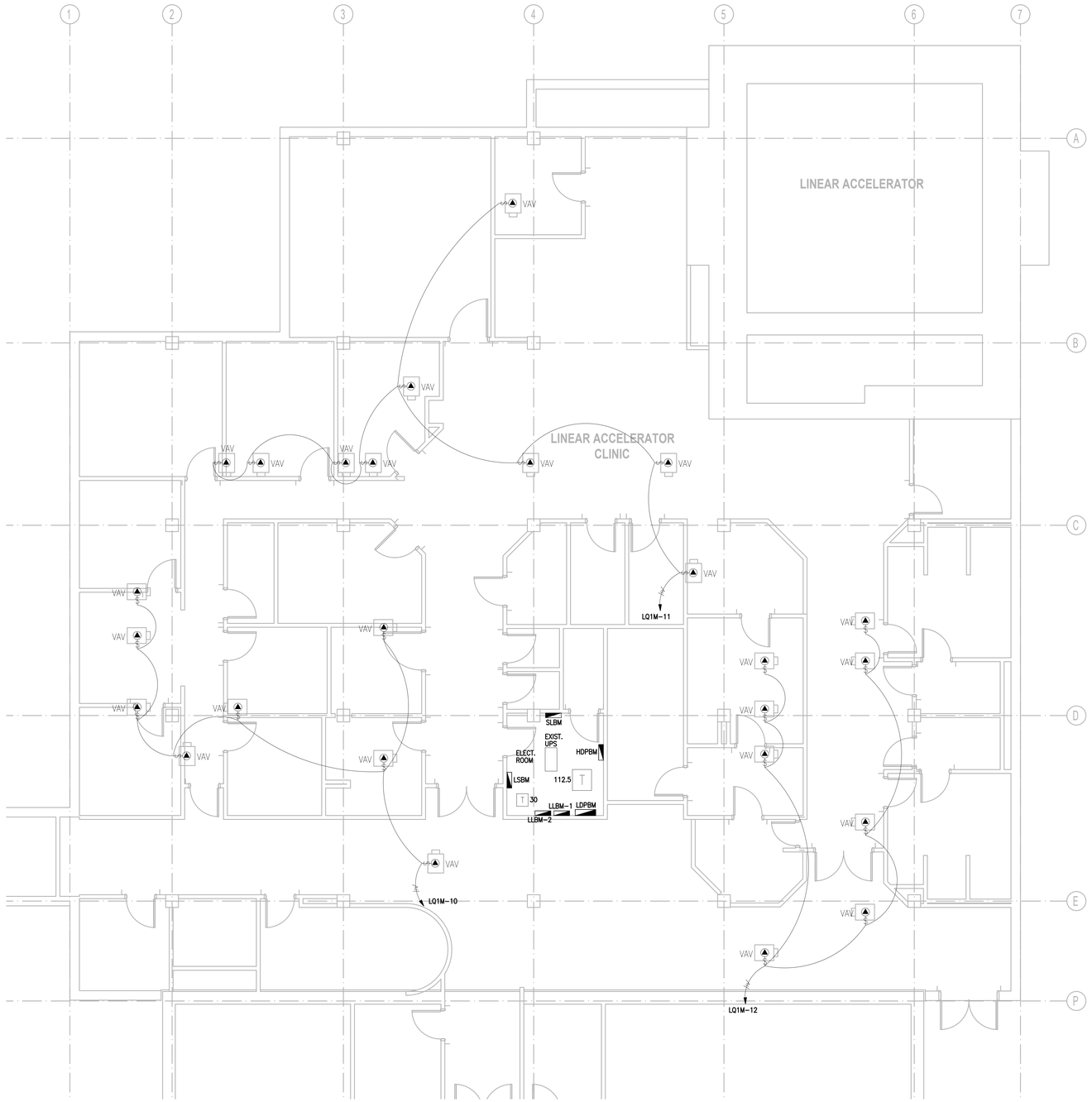

1 E203 NEW FIRE ALARM AND MECH SYSTEMS PLAN - BASEMENT
3/16" = 1'-0"

100% SUBMISSION	1-8-2025
75% Review	12-5-2024
Revision 1 - 50% Resubdivision	10-23-2024
Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LACHIN Architects, apc
Architecture . Planning . Project Management
5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

Michael G. Lachin, AIA

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GREGORY P. WYNN — REGISTERED PROFESSIONAL ENGINEER — STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: NEW FIRE ALARM AND MECH SYSTEMS PLAN - BASEMENT

Approved: -

Phase: FINAL SUBMISSION

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Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH

Location: 1500 E. Woodrow Wilson Dr. Jackson, MS

Issue Date: 2/20/2025 | Checked: GPW | Drawn: WH

Project Number: 586-22-102

Building Number: 1

Drawing Number: E203

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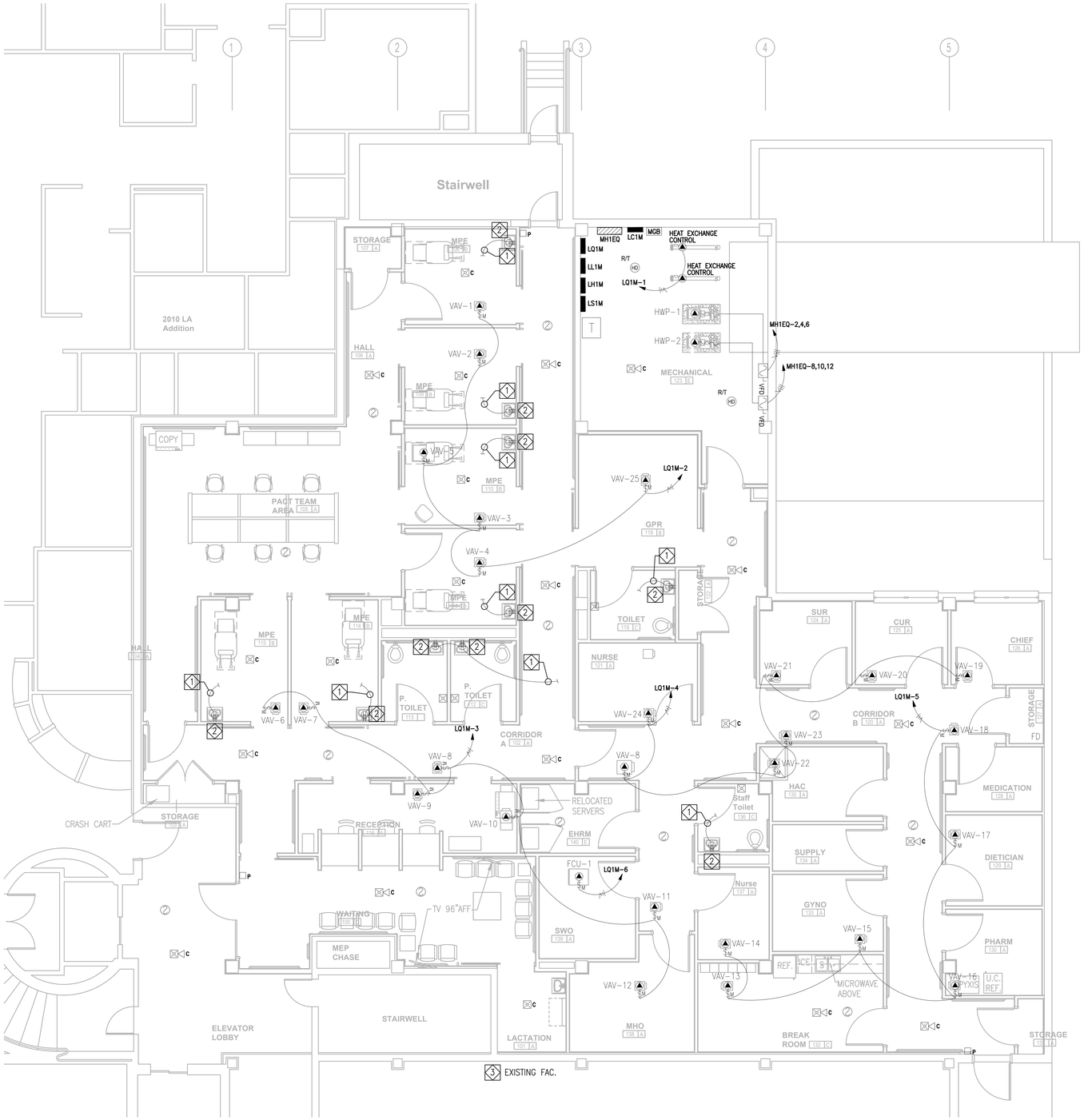

1 NEW FIRE ALARM AND MECH SYSTEMS PLAN - FIRST FLOOR
E204 3/16" = 1'-0"

SPECIFIC NOTES - FIRE ALARM + MECHANICAL SYSTEMS

1. 2-#12, 1-#12G. CONNECT TO RECEPTACLE CIRCUIT IN THIS ROOM.
2. INSTALL NEW GFCI RECEPTACLE BELOW SINK FOR AUTOMATIC VALVE. COORDINATE WITH MECHANICAL.
3. EXISTING FIRE ALARM PANEL IS LOCATED IN WAITING AREA SOUTH OF COLUMN LINE F. COORDINATE WITH SIEMENS FOR EXACT LOCATION.

100% SUBMISSION	1-8-2025
75% Review	12-5-2024
Revision 1 - 50% Resubdivision	10-23-2024
Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

LA LACHIN Architects, apc

Architecture . Planning . Project Management

5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

Michael G. Lachin, AIA

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GREGORY P. WYRONSKI, 23199, REGISTERED PROFESSIONAL ENGINEER, STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	NEW FIRE ALARM AND MECH. SYSTEMS PLAN - FIRST FLOOR
Approved: -	
Phase	FINAL SUBMISSION
	FULLY SPRINKLERED
Project Title	RENOVATION OF PC BLUE FOR WOMENS HEALTH
Location	1500 E. Woodrow Wilson Dr. Jackson, MS
Issue Date	2/20/2025
Checked	GPW
Drawn	WH
Project Number	586-22-102
Building Number	1
Drawing Number	E204

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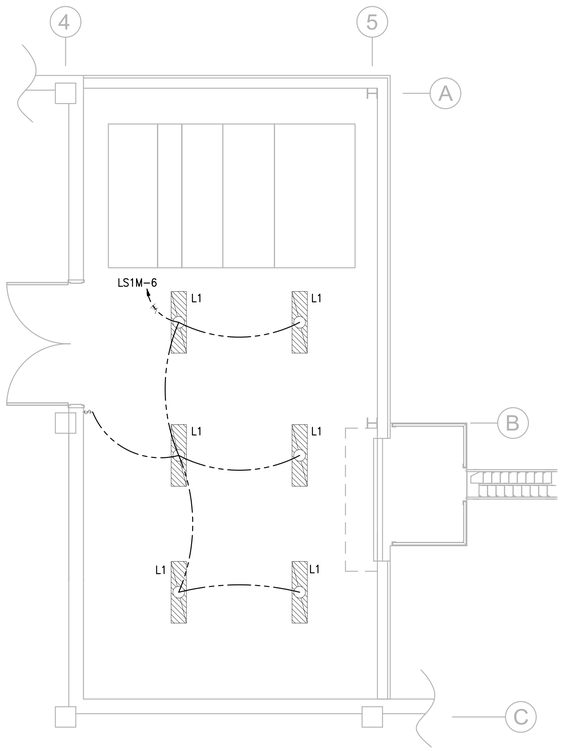
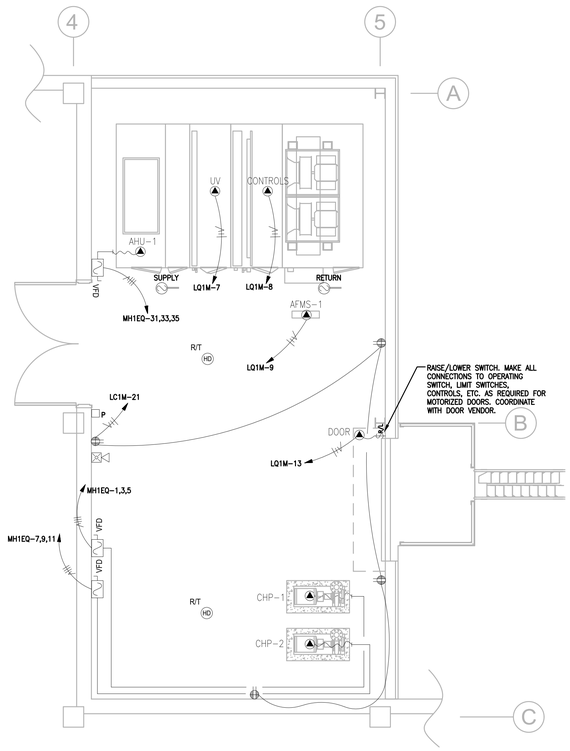
8/3/2023 11:05:51 AM

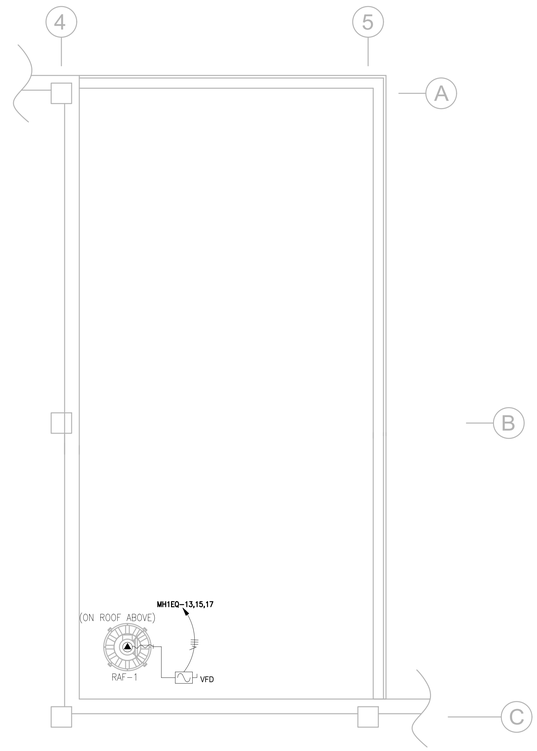
VA FORM 08 - 6231



1 E205 NEW LIGHTING PLAN - MECH PENTHOUSE
1/4" = 1'-0"



2 E205 NEW POWER PLAN - MECH PENTHOUSE
1/4" = 1'-0"



3 E205 NEW POWER PLAN - MECH PENTHOUSE ROOF ABOVE
1/4" = 1'-0"

100% SUBMISSION	1-8-2025
75% Review	12-5-2024
Revision 1 - 50% Resubdivision	10-23-2024
Revisions:	Date:

CONSULTANT

Consultant:

ARCHITECT/ENGINEER OF RECORD

A/E:

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5190 Canal Boulevard, Suite 201
New Orleans, LA 70124
(504)835-8013

Michael G. Lachin, AIA

STAMP

GREGORY P. WYRONSKI — REGISTERED PROFESSIONAL ENGINEER — STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: NEW ELECTRICAL PLANS - MECH. PENTHOUSE

Approved: -

Phase: FINAL SUBMISSION

FULLY SPRINKLERED

Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH

Location: 1500 E. Woodrow Wilson Dr. Jackson, MS

Issue Date: 2/20/2025

Checked: GPW

Drawn: WH

Project Number: 586-22-102

Building Number: 1

Drawing Number: E205

8/30/2023 11:05:51 AM

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VA FORM 08 - 6231

PANEL	BUSS: 400 AMP	VOLT: 120/208 VOLT, 3 PHASE, 4 WIRE	AIC RATING: 18,000
MH1EQ	MAINS: 400 AMP M.B.	MOUNT: SURFACE, NEMA 1	LOCATION: MECH. ROOM 123

CKT.	BKR.	DESCRIPTION	FEEDER	LOAD (AMPS) A	LOAD (AMPS) B	LOAD (AMPS) C	LOAD (AMPS) A	LOAD (AMPS) B	LOAD (AMPS) C	FEEDER	DESCRIPTION	BKR.	CKT.
1				11			11						2
3	20/3	CHILL WATER PUMP CHP-1	3-12, 1-12G		11			11		3-12, 1-12G	HOT WATER PUMP HWP-1	20/3	4
5						11			11				6
7				11			11						8
9	20/3	CHILL WATER PUMP CHP-2	3-12, 1-12G		11			11		3-12, 1-12G	HOT WATER PUMP HWP-2	20/3	10
11						11			11				12
13				4.8			10.5						14
15	20/3	RELIEF FAN RAF-1	3-12, 1-12G		4.8			5.2		3-8, 1-10G	PANEL "LQ1M" (30 kVA XRFMR)	50/3	16
17						4.8			5.09				18
19													20
21	30/3	SPARE											22
23													24
25													26
27	30/3	SPARE											28
29													30
31				109									32
33	150/3	AIR HANDLING UNIT AHU-1	3-1/0, 1-6G		109								34
35						109							36
37													38
39													40
41													42
				135.8	135.8	135.8	32.5	27.2	27.1				

CONNECTED LOADS PER PHASE		
A phase	168.3	amps
B phase	163.0	amps
C phase	162.9	amps

PANEL	BUSS: 225 AMP	VOLT: 120/208 VOLT, 3 PHASE, 4 WIRE	AIC RATING: 18,000
LL1M(1)	MAINS: 225 AMP M.B.	MOUNT: SURFACE, NEMA 1	LOCATION: MECH. ROOM 123

CKT.	BKR.	DESCRIPTION	FEEDER	LOAD (AMPS) A	LOAD (AMPS) B	LOAD (AMPS) C	LOAD (AMPS) A	LOAD (AMPS) B	LOAD (AMPS) C	FEEDER	DESCRIPTION	BKR.	CKT.
1	20/1	REC. - WAITING 100	2-12, 1-12G	9			4.5			2-12, 1-12G	REC. - PACT TEAM 105	20/1	2
3	20/1	REC. - RECEPTION 116	2-12, 1-12G		4.5							20/1	4
5	20/1	REC. - RECEPTION 116	2-12, 1-12G			7.5						20/1	6
7	20/1	REC. - RECEPTION 116	2-12, 1-12G	6			4.5			2-12, 1-12G	REC. - PACT TEAM 105	20/1	8
9	20/1	REC. - GPR 115	2-12, 1-12G		7.5			4.5		2-12, 1-12G	REC. - HALL 106/STOR 107	20/1	10
11	20/1	REC. - MHO 138	2-12, 1-12G			7.5			4.5	2-12, 1-12G	REC. - MPE 115	20/1	12
13	20/1	REC. - SUO 139	2-12, 1-12G	7.5			4.5			2-12, 1-12G	REC. - MPE 114	20/1	14
15	20/1	REC. - EHRM 140	2-12, 1-12G		7.5			4.5		2-12, 1-12G	REC. - MPE 108	20/1	16
17	20/1	REC. - SUR 124	2-12, 1-12G			7.5			4.5	2-12, 1-12G	REC. - MPE 109	20/1	18
19	20/1	REC. - BREAK 132	2-12, 1-12G	6			4.5			2-12, 1-12G	REC. - MPE 110	20/1	20
21	20/1	REC. - REFRIDGE BREAK 132	2-12, 1-12G		6			4.5		2-12, 1-12G	REC. - MPE 111	20/1	22
23	20/1	REC. - ICE MACH. BREAK 132	2-12, 1-12G			8			13.5	2-12, 1-12G	REC. - CORR. 102/RR 112, 113	20/1	24
25	20/1	REC. - BREAK 132	2-12, 1-12G	6			10			2-12, 1-12G	REC. - MICROWAVE BREAK 132	20/1	26
27	20/1	REC. - GYNO 133	2-12, 1-12G		6			3		2-12, 1-12G	REC. - IT SERVERS	20/1	28
29	20/1	REC. - SUPPLY 134/HAC 135	2-12, 1-12G			9			10.5	2-12, 1-12G	REC. - CORRIDOR 120	20/1	30
31	20/1	AUTO DOORS RESTROOMS	2-12, 1-12G	10			10			2-12, 1-12G	REC. - PACT TEAM COPY MACH.	20/1	32
33	20/1	REC. - CUR 125	2-12, 1-12G		7.5			7.5		2-12, 1-12G	REC. - DIETICIAN 129	20/1	34
35	20/1	REC. - CHIEF 126	2-12, 1-12G			7.5			3	2-12, 1-12G	REC. - MECH. ROOM	20/1	36
37	20/1	SPARE					10.5			2-12, 1-12G	REC. - CORR. /STOR.	20/1	38
39	20/1	SPARE									SPARE	20/1	40
41	20/1	SPARE									SPARE	20/1	42
43	20/1	SPARE									SPARE	20/1	44
45	20/1	SPARE									SPARE	20/1	46
47	20/1	SPARE									SPARE	20/1	48
49	20/1	SPARE									SPARE	20/1	50
51	20/1	SPARE									SPARE	20/1	52
53	20/1	SPARE									SPARE	20/1	54
55	20/1	SPARE									SPARE	20/1	56
57	20/1	SPARE									SPARE	20/1	58
59	20/1	SPARE									SPARE	20/1	60
				44.5	39.0	47.0	48.5	24.0	36.0				

CONNECTED LOADS PER PHASE		
A phase	93.0	amps
B phase	63.0	amps
C phase	83.0	amps

PANEL	BUSS: 100 AMP	VOLT: 120/208 VOLT, 3 PHASE, 4 WIRE	AIC RATING: 18,000
LQ1M	MAINS: 100 AMP M.B.	MOUNT: SURFACE, NEMA 1	LOCATION: MECH. ROOM 123

CKT.	BKR.	DESCRIPTION	FEEDER	LOAD (AMPS) A	LOAD (AMPS) B	LOAD (AMPS) C	LOAD (AMPS) A	LOAD (AMPS) B	LOAD (AMPS) C	FEEDER	DESCRIPTION	BKR.	CKT.
1	20/1	HEAT EXCHANGE CONTROL	2-12, 1-12G	3			3			2-12, 1-12G	VAV BOXES	20/1	2
3	20/1	VAV BOXES	2-12, 1-12G		3			3		2-12, 1-12G	VAV BOXES	20/1	4
5	20/1	VAV BOXES	2-12, 1-12G			3			2.75	2-12, 1-12G	FCU-1	20/1	6
7	20/1	A/C UV LIGHT	2-12, 1-12G	3.25			10			2-12, 1-12G	A/C CONTROLS	20/1	8
9	20/1	AFMS-1	2-12, 1-12G		3			3		2-12, 1-12G	VAV BOXES	20/1	10
11	20/1	VAV BOXES	2-12, 1-12G			3			3	2-12, 1-12G	VAV BOXES	20/1	12
13	20/1	OVERHEAD DOOR	2-12, 1-12G	5							SPARE	20/1	14
15	20/1	SPARE									SPARE	20/1	16
17		SPACE									SPACE		18
19		SPACE									SPACE		20
21		SPACE									SPACE		22
23		SPACE									SPACE		24
25		SPACE									SPACE		26
27		SPACE									SPACE		28
29		SPACE									SPACE		30
				11.3	6.0	6.0	13.0	6.0	5.8				

CONNECTED LOADS PER PHASE		
A phase	24.3	amps
B phase	12.0	amps
C phase	11.8	amps

PANEL	BUSS: 100 AMP	VOLT: 480/277 VOLT, 3 PHASE, 4 WIRE	AIC RATING: 18,000
LH1M	MAINS: 100 AMP M.B.	MOUNT: SURFACE, NEMA 1	LOCATION: MECH. ROOM 123

CKT.	BKR.	DESCRIPTION	FEEDER	LOAD (AMPS) A	LOAD (AMPS) B	LOAD (AMPS) C	LOAD (AMPS) A	LOAD (AMPS) B	LOAD (AMPS) C	FEEDER	DESCRIPTION	BKR.	CKT.
1	20/1	PC BLUE LIGHTS	2-12, 1-12G	6									2
3	20/1	PC BLUE LIGHTS	2-12, 1-12G		6								4
5	20/1	PC BLUE LIGHTS	2-12, 1-12G			9							6
7	20/1	PC BLUE LIGHTS	2-12, 1-12G	5									8
9	20/1	SPARE											10
11	20/1	SPARE											12
13	20/1	SPARE											14
15	20/1	SPARE											16
17	20/1	SPARE											18
19	20/1	SPARE											20
21	20/1	SPARE											22
23	20/1	SPARE											24
25	20/1	SPARE											26
27	20/1	SPARE											28
29	20/1	SPARE											30
				11.0	6.0	9.0	0.0	0.0	0.0				

CONNECTED LOADS PER PHASE		
A phase	11.0	amps
B phase	6.0	amps
C phase	9.0	amps

PANEL	BUSS: 225 AMP	VOLT: 480/277 VOLT, 3 PHASE, 4 WIRE	AIC RATING: 18,000
LS1M	MAINS: 225 AMP M.B.	MOUNT: SURFACE, NEMA 1	LOCATION: MECH. ROOM 123

CKT.	BKR.	DESCRIPTION	FEEDER	LOAD (AMPS) A	LOAD (AMPS) B	LOAD (AMPS) C	LOAD (AMPS) A	LOAD (AMPS) B	LOAD (AMPS) C	FEEDER	DESCRIPTION	BKR.	CKT.
1	20/1	EXISTING EXIT LIGHTS	2-12, 1-12G	3			6			2-12, 1-12G	EXISTING NIGHT LIGHTS	20/1	2
3	20/1	EXISTING EXIT LIGHTS	2-12, 1-12G		3			3		2-12, 1-12G	EXISTING EXIT LIGHTS	20/1	4
5	20/1	PC BLUE EMERG. LIGHTS	2-12, 1-12G			8			2	2-12, 1-12G	MECH. PENTHOUSE LIGHTS	20/1	6
7	20/1	SPARE					29.9						8
9	20/1	SPARE						24.9		3-8, 1-10G	PANEL "LC1M" (30 kVA XRFMR)	50/3	10
11	20/1	SPARE							23.4				12
13	20/1	SPARE					30						14
15	20/1	SPARE						30		4-3, 1-18G	EXISTING PANEL "LS2M"	100/3	16
17	20/1	SPARE							30				18
19	20/1	SPARE											20
21	20/1	SPARE											22
23	20/1	SPARE											24
25	20/1	SPARE											26
27	20/1	SPARE											28
29	20/1	SPARE											30
				3.0	3.0	8.0	65.9	57.9	55.4				

CONNECTED LOADS PER PHASE		
A phase	68.9	amps
B phase	60.9	amps
C phase	63.4	amps

PANEL	BUSS: 100 AMP	VOLT: 120/208 VOLT, 3 PHASE, 4 WIRE	AIC RATING: 18,000
LC1M	MAINS: 100 AMP M.B.	MOUNT: SURFACE, NEMA 1	LOCATION: MECH. ROOM 123

CKT.	BKR.	DESCRIPTION	FEEDER	LOAD (AMPS) A	LOAD (AMPS) B	LOAD (AMPS) C	LOAD (AMPS) A	LOAD (AMPS) B	LOAD (AMPS) C	FEEDER	DESCRIPTION	BKR.	CKT.
1	20/1	REC. - MPE 108	2-12, 1-12G	3			3			2-12, 1-12G	REC. - MPE 109	20/1	2
3	20/1	REC. - MPE 110	2-12, 1-12G		3			3		2-12, 1-12G	REC. - MPE 111	20/1	4
5	20/1	REC. - MPE 114	2-12, 1-12G			3			3	2-12, 1-12G	REC. - MPE 115	20/1	6
7	20/1	REC. - MEDICATION 128	2-12, 1-12G	3			3			2-12, 1-12G	REC. - MEDICATION 128	20/1	8
9	20/1	REC. - PHARM 130	2-12, 1-12G		9			1.5		2-12, 1-12G	REC. - MECHANICAL 123	20/1	10
11	20/1	POWER DOORS	2-12, 1-12G			3			6	2-12, 1-12G	REC. - CRASH CART	20/1	12
13	20/1	REC. - RECEPTION	2-12, 1-12G	9			10			2-12, 1-12G	REC. - RECEPTION COPIER	20/1	14
15	20/1	REC. - SERVERS	2-12, 1-12G		3			6		2-12, 1-12G	REC. - BREAK REFRIDGE	20/1	16
17	20/1	REC. - BREAK MICROWAVE	2-12, 1-12G			10			6	2-12, 1-12G	REC. - PHARM 130	20/1	18
19	20/1	REC. - NURSE 137	2-12, 1-12G	9			9			2-12, 1-12G	REC. - NURSE 121	20/1	20
21	20/1	REC. - PENTHOUSE	2-12, 1-12G		6			6		2-12, 1-12G	REC. - PYXIS	20/1	22
23	20/1	REC. - SERVERS	2-12, 1-12G			3			10	2-12, 1-12G	EXISTING EQUIPMENT	20/1	24
25	20/1	EXISTING EQUIPMENT	2-12, 1-12G	10			10			2-12, 1-12G	EXISTING EQUIPMENT	20/1	26
27	20/1	EXISTING EQUIPMENT	2-12, 1-12G		10			10		2-12, 1-12G	EXISTING EQUIPMENT	20/1	28
29	20/1	EXISTING EQUIPMENT	2-12, 1-12G			10					SPARE	20/1	30
31	20/1	SPARE									SPARE	20/1	32
33	20/1	SPARE									SPARE	20/1	34
35	20/1	SPARE									SPARE	20/1	36
37	20/1	SPARE									SPARE	20/1	38
39	20/1	SPARE									SPARE	20/1	40
41	20/1	SPARE									SPARE	20/1	42
				34.0	31.0	29.0	35.0	26.5	25.0				

CONNECTED LOADS PER PHASE		
A phase	69.0	amps
B phase	57.5	amps
C phase	54.0	amps

100% SUBMISSION	1-8-2025
75% Review	12-5-2024
Revision 1 - 50% Resubdivision	10-23-2024
Revisions:	Date:

CONSULTANT

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New Orleans, LA 70124
(504)835-8013

Michael G. Lachin, AIA

STAMP

GREGORY P. WYROSDICK — LICENSED PROFESSIONAL ENGINEER — 25125 — STATE OF MISSISSIPPI

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: PANELBOARD SCHEDULES

Approved: -

Phase: FINAL SUBMISSION

FULLY SPRINKLERED

Project Title: RENOVATION OF PC BLUE FOR WOMENS HEALTH

Location: 1500 E. Woodrow Wilson Dr. Jackson, MS

Issue Date: 2/20/2025

Checked: GPW

Drawn: WH

Project Number: 586-22-102

Building Number: 1

Drawing Number: E301

8/3/2023 11:05:51 AM

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