



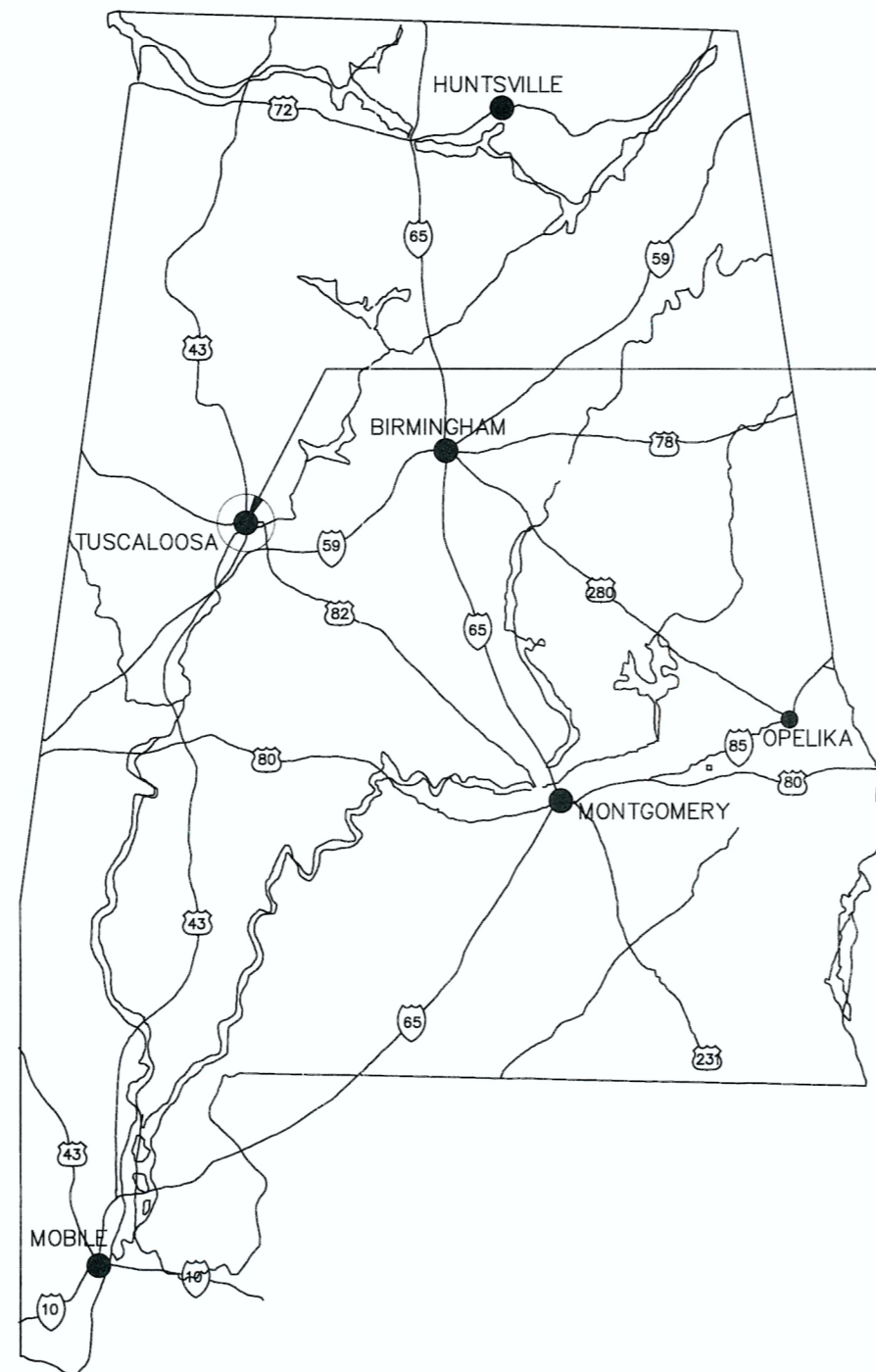
# VA

# U.S. Department of Veterans Affairs

## TUSCALOOSA VA MEDICAL CENTER TUSCALOOSA, AL 35404

### FIRE PROTECTION

### PROJECT # 679-20-104 EHRM INFRASTRUCTURE UPGRADES



PROJECT VICINITY



CAMPUS MAP

REVIEWER'S SIGNATURES	
	7/23/24
MEDICAL CENTER DIRECTOR	DATE
HENRY HUDSON	Digitally signed by HENRY HUDSON Date: 2024.07.19 13:25:46 -05'00'
SAFETY MANAGER	DATE
JAMES HARDEMON	Digitally signed by JAMES HARDEMON Date: 2024.07.17 07:43:56 -05'00'
INFECTION CONTROL	DATE
GERALD BALLMAN	Digitally signed by GERALD BALLMAN Date: 2024.07.17 17:02:21 -05'00'
ENERGY ENGINEER	DATE

VICINITY MAP  
NTS

CONSULTANT

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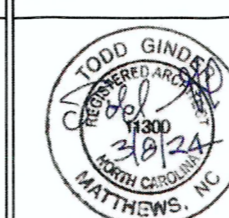
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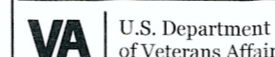


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Office of Construction and Facilities Management



Drawing Title <b>COVER SHEET</b>
Approved: Chief Engineer 

Phase <b>100% CONSTRUCTION DOCUMENTS</b>
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Project Title <b>EHRM INFRASTRUCTURE UPGRADES</b>
Location <b>TUSCALOOSA VAMC, TUSCALOOSA, AL</b>
Issue Date <b>03/08/2024</b>
Checked <b>TG</b>
Drawn <b>MM/TR</b>

Project Number <b>679-20-104</b>
Building Number
Drawing Number <b>G1001</b>

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File Path

Revisions:	Date:

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**Office of Construction and Facilities Management**



U.S. Department of Veterans Affairs

Drawing Title  
**INDEX OF DRAWINGS  
FIRE PROTECTION**

Approved: Chief Engineer

Phase  
**100% CONSTRUCTION DOCUMENTS**

Project Title  
**EHRM INFRASTRUCTURE UPGRADES**

Location  
TUSCALOOSA VAMC, TUSCALOOSA, AL.

Issue Date  
03/08/2024

Checked  
TG

Drawn  
MM/TR

Project Number  
**679-20-104**

Building Number

Drawing Number  
**GI002**

Classified by Underwriters Laboratories, Inc. to ANSUL 1479 (ASTM E814) and CANULC S115 System No. WL-1251

ANSUL 1479 (ASTM E814)	CANULC S115
F Rating - 1 and 2 Hr (See Item 1)	FT Rating - 0 Hr
T Rating - 0 Hr	FH Rating - 1 and 2 Hr (See Item 1)
	FTH Rating - 0 Hr

**1. Wall Assembly** - The 1 or 2 hr fire-rated gypsum board/shaft wall assembly shall be constructed of the materials and in the manner specified in the individual UL/CS Series Wall and Partition Designs in the UL Fire Resistance Directory and shall incorporate the following construction features:

- Steel Studs** - "C" or "U" shaped studs, max. 2-1/2 in. (64 mm) wide by 1-1/2 in. (38 mm) deep, fabricated from min. No. 25 gauge (0.8 mm thick) galv. steel, spaced max 24 in. (610 mm) OC.
- Gypsum Board** - 1/2 in. (12.7 mm) thick, 24 in. (610 mm) wide gypsum board panels installed vertically. Max. clear of circular cutout in gypsum board panel is 10 in. (254 mm).
- Gypsum Board** - 1/2 in. (12.7 mm) thick, 48 in. (1219 mm) wide gypsum board. The gypsum board type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual Wall and Partition Design. Max. clear of circular cutout in gypsum board is 10 in. (254 mm).

The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.

**2. Metallic Sleeve** - Cylindrical sleeve fabricated from min. No. 30 gauge (0.3 mm thick) galv. steel and having a min 2 in. (51 mm) lap along the longitudinal seam. Length of the sleeve to be equal to the thickness of the wall. Sleeve installed by cutting the steel to a diam. smaller than the through opening, inserting the coil through the opening and rearing the coil to fit it, unroll against the circular cutouts in the gypsum board layers. The ends of the steel sleeve shall be flush with each surface of the wall.

**3. Through Penetration** - One metallic pipe, tube or conduit installed concentrically or eccentrically within the firestop system. The annular space between the pipe, tube or conduit and the periphery of the sleeved opening to be min 0.1 in. (2.5 mm), joint contact to max 2 in. (51 mm). Pipe, tube or conduit to be rigidly supported on both sides of wall assembly. One of the following types and sizes of pipe, tube or conduit may be used:

- Steel Pipe** - Nom 8 in. (203 mm) diam (or smaller) Schedule 5 (or heavier) steel pipe.
- Iron Pipe** - Nom 8 in. (203 mm) diam (or smaller) cast or ductile iron pipe.
- Conduit** - Nom 4 in. (102 mm) diam (or smaller) rigid steel conduit, steel electrical metallic tubing (EMT) or flexible steel conduit.
- Copper Pipe or Tube** - Nom 4 in. (102 mm) diam (or smaller) Regular (or heavier) copper pipe or Type L (or heavier) copper tube.

Specified Technologies Inc. 210 Evans Way Somerville, NJ 08876  
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 Created or Revised: January 23, 2014  
 (800)692-1180 • (856)501-8050 • FAX (908)231-5415 • E-Mail: techserv@firestop.com • Website: www.firestop.com

**4. Firestop System** - The firestop system consist of the following items:

- Packing Material** - Min 4 pcf (64 kg/m<sup>3</sup>) mineral wool batt insulation firmly packed into sleeved opening as a permanent form. Packing material to extend throughout thickness of wall except for a 1 in. (25 mm) deep recess on the finished side of wall to accommodate the fit material.
- Fit Void or Cavity Material** - Sealant or Putty - Min 1 in. (25 mm) thickness of fit material applied within sleeve, flush with finished surface of wall. At the joint location, a min 3/8 in. (10 mm) diam bead of fit material shall be applied at the penetrations/seam interface.

**SPECIFIED TECHNOLOGIES INC.** - SpecSeal Series SSS Sealant, SpecSeal LCI Sealant, or SpecSeal Putty  
 \* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

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UL/ULC SYSTEM NO. C-BJ-1055  
**METAL PIPE THROUGH CONCRETE FLOOR/WALL OR BLOCK WALL ASSEMBLY**  
 F-RATING = 2 HR  
 T-RATING = 2 HR

- CONCRETE FLOOR OR WALL ASSEMBLY (2-HR, FIRE-RATING):
  - LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR OR WALL (MINIMUM 6" THICK).
  - ANY UL/ULC CLASSIFIED CONCRETE BLOCK WALL.
- PENETRATING ITEM TO BE ONE OF THE FOLLOWING:
  - MAXIMUM 2" NOMINAL DIAMETER STEEL PIPE (SCHEDULE 40 OR HEAVIER).
  - MAXIMUM 2" NOMINAL DIAMETER CAST OR DUCTILE IRON PIPE.
- MINIMUM 5/4" THICKNESS MINERAL WOOL (MINIMUM 4 PCF DENSITY) TIGHTLY PACKED AND RECESSED TO ACCOMMODATE FIRESTOP SEALANT.
- MINIMUM 1/4" DEPTH HILTI FS-ONE MAX INTUMESCENT FIRESTOP SEALANT.
- NOMINAL 1/2" THICK GLASS-FIBER PIPE INSULATION TO EXTEND 1" ABOVE THE TOP SURFACE OF FLOOR. INSULATION IS NOT REQUIRED FOR PIPES 1" AND SMALLER.

NOTES: 1. MAXIMUM DIAMETER OF OPENING = 4".  
 2. ANNULAR SPACE = MINIMUM 0", MAXIMUM 1-5/8".  
 3. MINIMUM 1/4" DEPTH HILTI FS-ONE MAX INTUMESCENT FIRESTOP SEALANT AND 1/2" THICK GLASS-FIBER PIPE INSULATION ARE REQUIRED ON BOTH SIDES OF A WALL ASSEMBLY.

Hilti Firestop Systems  
 Hilti, Inc.  
 Plano, Texas USA (972) 675-8000  
 Sheet 1 of 1  
 Size 316" x 1"  
 Date Aug 17, 2022  
 Drawing No. CBJ 1055d

GENERAL SYMBOLS		
SYMBOL	DESCRIPTION	ADDITIONAL REMARKS
(E)	SHEET NOTE	DENOTES SPECIFIC REQUIREMENT FOR THE SHEET ON WHICH THE NOTE APPEARS AND IS USED TO DESCRIBE WORK THAT IS TOO LENGTHY TO PLACE ON PLAN.
---	PIPING	NUMBER INDICATES NOMINAL DIAMETER IN INCHES. LETTERS INDICATES SYSTEM. REFER TO ABBREVIATIONS FOR SYSTEM TYPE.
---	SOLID LINE INDICATES SYSTEM SUPPLY	
---	DASHED LINE INDICATES SYSTEM RETURN	
∅	DIAMETER	
⊗	DENOTES CONNECTION OF NEW WORK TO EXISTING SYSTEM	PROTECT EXISTING SYSTEM FROM ENTRANCE OF FOREIGN DEBRIS DURING WORK
→	ARROW INDICATES DIRECTION OF FLOW IN PIPING	
↘	ARROW INDICATES DOWNWARD PIPE SLOPE	WHERE PIPING IS NOT MARKED, REFER TO SPECIFICATIONS FOR REQUIREMENTS
#/	#/ INDICATES SLOPE IN INCHES PER FOOT	
⊘	ISOLATION VALVE	REFER TO SPECIFICATIONS FOR TYPE BASED ON SIZE AND SYSTEM
⊘	CHECK VALVE	REFER TO SPECIFICATIONS FOR TYPE BASED ON SIZE AND SYSTEM
→	ARROW INDICATES DIRECTION OF NORMAL FLOW	
---	PIPE IN SLEEVE	REFER TO SPECIFICATIONS FOR TYPE BASED ON SIZE AND SYSTEM
⊕	BALANCING DEVICE	CIRCUIT SETTER, AUTOFLOW, ETC. REFER TO SPECIFICATIONS FOR TYPE BASED ON SIZE AND SYSTEM
⊕	# INDICATES FLOW TO BE BALANCED IN GPM	
⊕	ELBOW UP	
⊕	ELBOW DOWN	
⊕	TEE UP	
⊕	TEE DOWN	
⊕	TEE HORIZONTAL	
⊕	PIPE REDUCER	INDICATES POINT WHERE PIPING CHANGES FROM ONE SIZE TO ANOTHER. SMALL POINT OF ARROW INDICATES SMALLER SIZE SIDE OF TRANSITION.
⊕	UNION	
⊕	STRAINER WITH BLOW-OFF VALVE	REFER TO SPECIFICATIONS FOR TYPE AND ACCESSORIES
⊕	PRESSURE GAUGE	REFER TO SPECIFICATIONS FOR TYPE AND ACCESSORIES
⊕	THERMOMETER	REFER TO SPECIFICATIONS FOR TYPE AND ACCESSORIES
⊕	REQUIRED SERVICE CLEARANCE FOR EQUIPMENT	
⊕	CONTINUATION SYMBOLS	FIRST SYMBOL APPLIES TO ROUND DUCT AND PIPING. SECOND SYMBOL APPLIES TO RECTANGULAR AND OVAL DUCT.

**FIRE PROTECTION GENERAL NOTES:**

- FIRE PROTECTION WORK SHALL INCLUDE, BUT NOT LIMITED TO, THE FOLLOWING: INSTALLATION OF NEW SPRINKLER HEADS AND PIPING TO CONFORM TO NFPA 13 AND LOCAL CODES. ENTIRE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE VA.
- ALL AREAS OF THE BUILDING INDICATED SHALL BE SPRINKLERED ACCORDING TO THE CURRENTLY ADOPTED EDITION OF NFPA STANDARD 13 AND OTHER NFPA STANDARDS AS REQUIRED. ENTIRE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STATE FIRE MARSHAL OFFICE, OWNER'S INSURANCE COMPANY AND AUTHORITIES HAVING JURISDICTION.
- FIRE SPRINKLER DESIGN SHALL BE BASED ON HYDRAULIC CALCULATIONS ACCORDING TO NFPA 13, WITH SHOP DRAWINGS PREPARED ACCORDING TO THE REQUIREMENTS OF THE STATE FIRE MARSHAL AND AUTHORITIES HAVING JURISDICTION.
- SPRINKLER CONTRACTOR SHALL OBTAIN STATIC AND RESIDUAL WATER PRESSURE AND FLOW PRIOR TO SYSTEM DESIGN AND SHALL SUBMIT RECENT HYDRANT FLOW TEST DATA WITH SHOP DRAWING SUBMITTALS.
- SPRINKLER CONTRACTOR SHALL VISIT THE SITE PRIOR TO PRICING SCOPE OF WORK. SPRINKLER CONTRACTOR SHALL UNDERSTAND THE SCOPE OF NEW WORK THEY SHOULD PRICE AND PERFORM.
- DRAWINGS ARE DIAGRAMATIC IN NATURE. INTENDED TO CONVEY THE SCOPE OF WORK AND GENERAL ARRANGEMENT OF THE SYSTEM. SPRINKLER SYSTEM INSTALLING CONTRACTOR SHALL COORDINATE SYSTEM ARRANGEMENT WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL COMPONENTS. SPRINKLER PIPING SHALL NOT BE INSTALLED BELOW MECHANICAL EQUIPMENT OR WITHIN CLEARANCE SPACES FOR MECHANICAL EQUIPMENT. PROVIDE SPRINKLER PROTECTION BELOW ALL DUCTS GREATER THAN 48 INCHES IN WIDTH. INSTALLING CONTRACTOR SHALL BE RESPONSIBLE FOR ANY MODIFICATIONS TO THE SYSTEM REQUIRED TO AVOID CONFLICTS.
- AREAS IDENTIFIED INDICATE THE RECOMMENDED MINIMUM OCCUPANCY CLASSIFICATION. SPRINKLER TEMPERATURE CHARACTERISTIC OR SPRINKLER TYPES TO BE INSTALLED. SPRINKLER SYSTEM SHALL BE DESIGNED TO MEET OR EXCEED THESE RECOMMENDATIONS AND SHALL BE SUBJECT TO APPROVAL BY THE AUTHORITY HAVING JURISDICTION.
- A PRE-DESIGN MEETING SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO SUBMITTAL OF PIPING LAYOUT DRAWINGS. ARCHITECT/ENGINEER SHALL ISSUE COMMENTS CONCERNING SUBMITTAL PACKAGE PRIOR TO COMMENCEMENT OF WORK.
- REFER TO ARCHITECTURAL PLANS FOR SPECIFIC CEILING TYPES AND HEIGHTS, AND AREAS OF EXPOSED STRUCTURE.
- COORDINATE PIPING AND SPRINKLERS IN EXPOSED AREAS TO MINIMIZE APPEARANCE. INSTALL SPRINKLERS A MINIMUM OF SIX INCHES FROM DIFFUSERS, GRILLES AND LIGHT FIXTURES. INSTALL SPRINKLERS IN LAY-IN CEILING WITHIN THREE INCHES OF THE CENTER OF CEILING TILE.
- COORDINATE INSTALLATION OF SPRINKLERS AND PIPING SYSTEMS TO AVOID FREEZING CONDITIONS. NOTIFY ARCHITECT OF AREAS WHERE SYSTEM MAY BE EXPOSED TO FREEZING. INSTALL DRY SIDEWALL SPRINKLERS IN ROOMS INDICATED WHERE ROOMS MAY BE UNCONDITIONED OR EXPOSED TO FREEZING CONDITIONS. PROVIDE AUXILIARY DRAINS WHERE REQUIRED.
- EXPOSED SPRINKLER PIPING, EXCEPT IN MECHANICAL AND STORAGE ROOMS, SHALL BE CLEANED, PRIMED AND PAINTED PER FACILITY STANDARDS.
- WHERE SPRINKLER PIPING SYSTEM PENETRATES FIRE RESISTIVE RATED ASSEMBLIES, SEAL OPENINGS WITH APPROVED CONSTRUCTION METHODS AND MATERIALS.
- AVOID ROUTING SPRINKLER PIPING MAINS ABOVE ELECTRICAL, DATA, IT ROOMS AND COMMUNICATION PANELS.
- COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
- THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.
- SPRINKLER CONTRACTOR SHALL VERIFY FM GLOBAL REQUIREMENTS PRIOR TO DESIGN OF THE SPRINKLER SYSTEM AND COMPONENTS.
- ALL NEW SPRINKLER HEADS SHALL BE QUICK RESPONSE TYPE HEADS.
- SPRINKLER SYSTEM IS A WET PIPE SYSTEM UNLESS NOTED OTHERWISE.
- ALL CLEAN AGENT SYSTEM INSTALLATIONS SHALL MEET VA STANDARDS AND NFPA 75.

FIRE PROTECTION ABBREVIATIONS			
NOT ALL ABBREVIATIONS APPLY TO THIS SET OF DOCUMENTS			
ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
BFP	BACK FLOW PREVENTER	FPFH	FIRE PUMP TEST HEADER
DP	DRY PIPE FIRE PROTECTION	FS	FLOW SWITCH
F	FIRE PROTECTION	PV	POST INDICATOR VALVE
FDC	FIRE DEPARTMENT CONNECTION	SPR	SPRINKLER
FDV	FIRE DEPARTMENT VALVE		

GENERAL ABBREVIATIONS			
NOT ALL ABBREVIATIONS APPLY TO THIS SET OF DOCUMENTS			
ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
AD	ACCESS DOOR/PANEL	MAX	MAXIMUM
AFF	ABOVE FINISHED FLOOR	MC	MECHANICAL CONTRACTOR
AMB	AMBIENT	MFR	MANUFACTURER
BOB	BOTTOM OF BEAM	MIN	MINIMUM
DIA	DIAMETER	NIC	NOT IN CONTRACT
DN	DOWN	NTS	NOT TO SCALE
EX	EXISTING	PC	PLUMBING CONTRACTOR
E	ELECTRICAL CONTRACTOR	PSIG	POUNDS PER SQUARE INCH GAUGE
EFF	EFFICIENCY	RFM	REVOLUTIONS PER MINUTE
FFM	FEET PER MINUTE	SHT	SHEET
FPS	FEET PER SECOND	TOT	TOP OF BEAM
GC	GENERAL CONTRACTOR	TOS	TOP OF STEEL
GPM	GALLONS PER MINUTE	VEL	VELOCITY
L	LENGTH	VFD	VARIABLE FREQUENCY DRIVE
LF	LINEAR FEET		

FIRE PROTECTION SYMBOLS		
SYMBOL	DESCRIPTION	ADDITIONAL REMARKS
⊕	FLOW SWITCH	COORDINATE INTERFACE WITH FIRE ALARM SYSTEM CONTRACTOR
---	FIRE PIPE	
⊕	FIRE DEPARTMENT CONNECTION	MOUNT BETWEEN 18" AND 48" ABOVE FINISHED GRADE
⊕	O.S. & Y. VALVE	
⊕	SHUT-OFF VALVE WITH TAMPER SWITCH	
⊕	SPRINKLER	REFER TO SPECIFICATIONS FOR TYPES AND FINISHES.
⊕	EXISTING SPRINKLER	PENDANT REFERS TO FULL, SEMI-RECESSED AND RECESSED TYPES. LOCATIONS FOR EACH ARE INDICATED IN THE SPECIFICATIONS OR ON THE PLANS.
⊕	EXISTING SPRINKLER TO BE REMOVED	
⊕	SIDEWALL SPRINKLER	
⊕	EXISTING SIDEWALL SPRINKLER	

SPRINKLER FLOW DENSITIES		
HAZARD	AREA (SF)	GPM/SF
LIGHT HAZARD	1500	0.10
ORDINARY HAZARD I	1500	0.15
ORDINARY HAZARD II	1500	0.20

**SPRINKLER HAZARD CLASSIFICATION**

LIGHT HAZARD:

- PATIENT ROOMS
- CORRIDORS
- OFFICES
- CHAPELS
- DINING AREAS

ORDINARY HAZARD, GROUP 1:

- MECHANICAL ROOMS
- ELECTRICAL ROOMS
- KITCHENS
- STORAGE ROOMS (CEILING HEIGHT 8 FEET OR LESS)
- SOLED UTILITY ROOMS
- CLEAN UTILITY ROOMS
- LABORATORIES HAZARD CLASSIFICATION WILL DEPEND ON THE AMOUNTS OF FLAMMABLE AND COMBUSTIBLE LIQUIDS USED AND STORED IN THE LABORATORIES

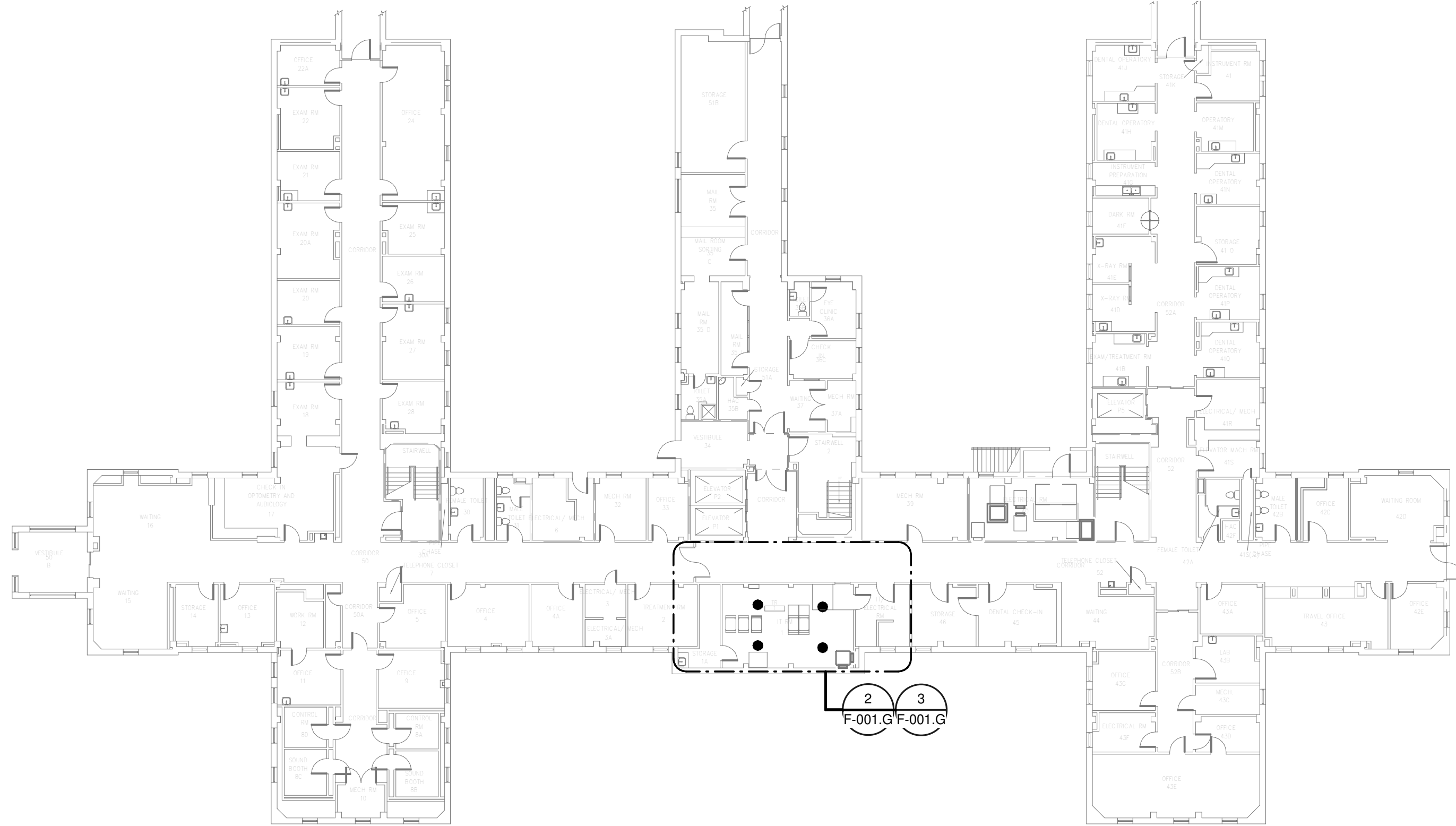
ORDINARY HAZARD, GROUP 2:

- STORAGE ROOMS (CEILING HEIGHT 12 FEET OR LESS)
- SOLED LINEN ROOMS

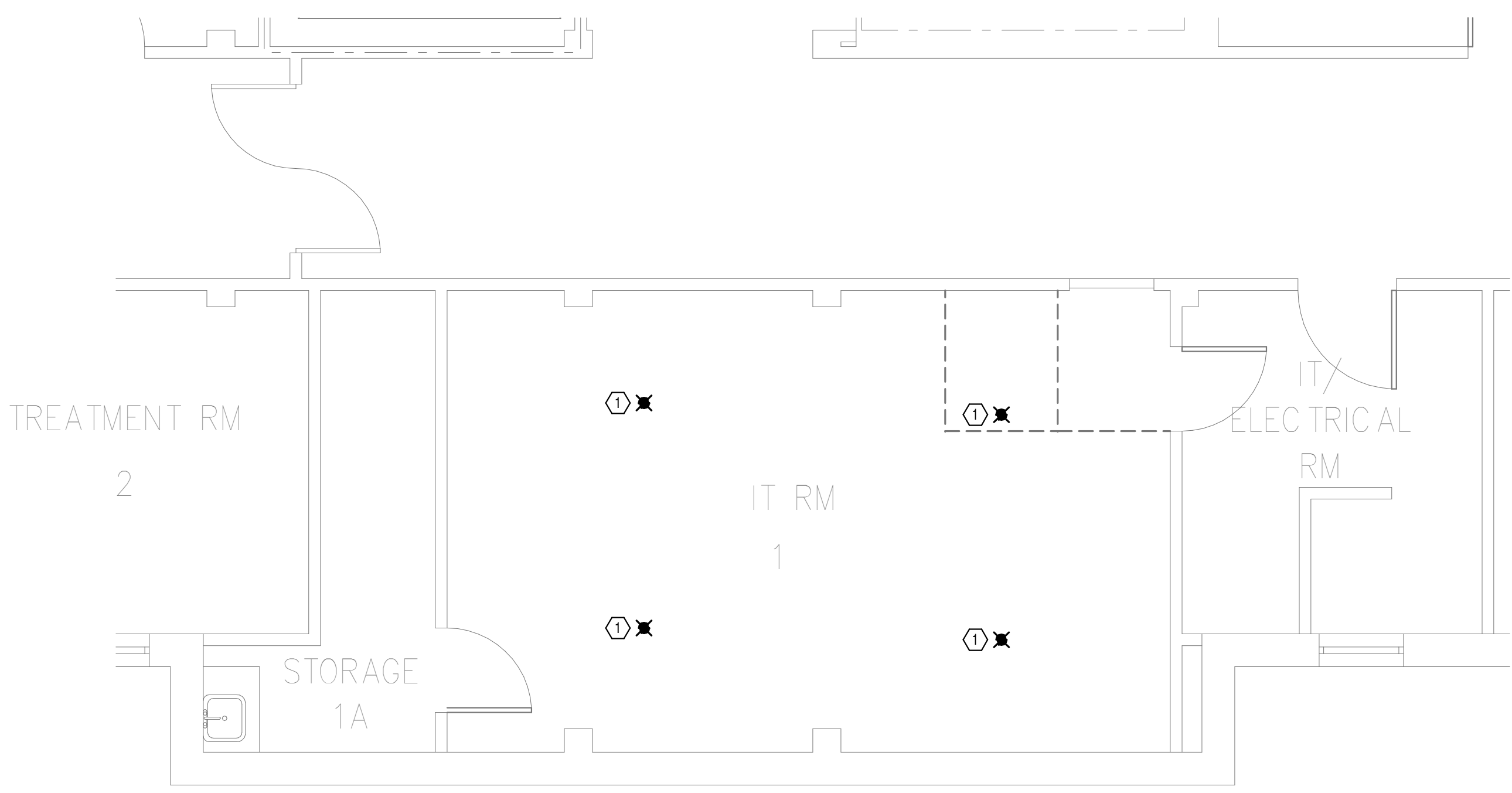
1. MEETING THE CRITERIA FOR QUANTITY/COMBUSTIBILITY OF CONTENTS FOR AN ORDINARY, GROUP 1 HAZARD.

<b>CONSULTANT</b>  Wiley Wilson 127 Nationwide Drive Lynchburg, VA 24502 Phone: 434.947.1901 www.wileywilson.com	<b>ARCHITECT/ENGINEER OF RECORD</b>  Atriax, PLLC 102 3rd Avenue, NE PO Box 1629, Hickory, NC 28603 Phone: 828.315.9962 Fax: 828.315.9964 NC Engineering License No.: P-0214 NC Architectural License No.: 51254	<b>Office of Construction and Facilities Management</b>  U.S. Department of Veterans Affairs	Drawing Title <b>FIRE PROTECTION SYMBOLS AND ABBREVIATIONS</b>	Phase <b>100% CONSTRUCTION DOCUMENTS</b>	Project Title <b>EHRM INFRASTRUCTURE UPGRADES</b>	Project Number <b>679-20-104</b>
			Approved:	<b>FULLY SPRINKLERED</b>	Location <b>TUSCALOOSA VAMC, TUSCALOOSA, AL.</b>	Drawing Number <b>F-000</b>
Revisions:	Date:	Issue Date <b>03/08/2024</b>	Checked <b>JKK</b>	Drawn <b>PCM</b>		

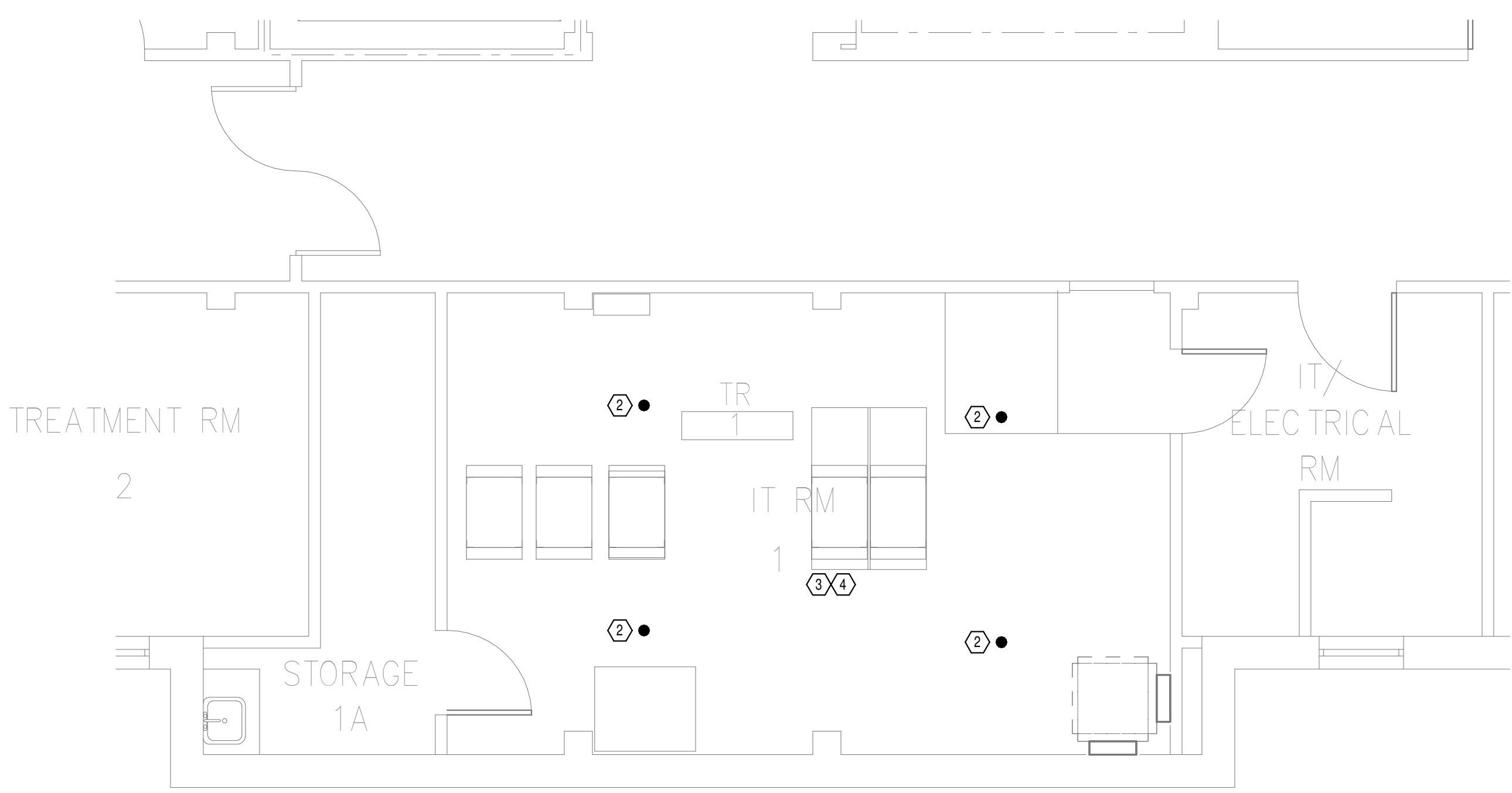
A  
B  
C  
D  
E  
F



**1**  
OVERALL FLOOR PLAN  
GROUND LEVEL - FIRE  
PROTECTION  
NTS



**2**  
DEMOLITION FLOOR  
PLAN GROUND FLOOR -  
FIRE PROTECTION  
1/4" = 1'-0"



**3**  
NEW FLOOR PLAN  
GROUND FLOOR - FIRE  
PROTECTION  
1/4" = 1'-0"

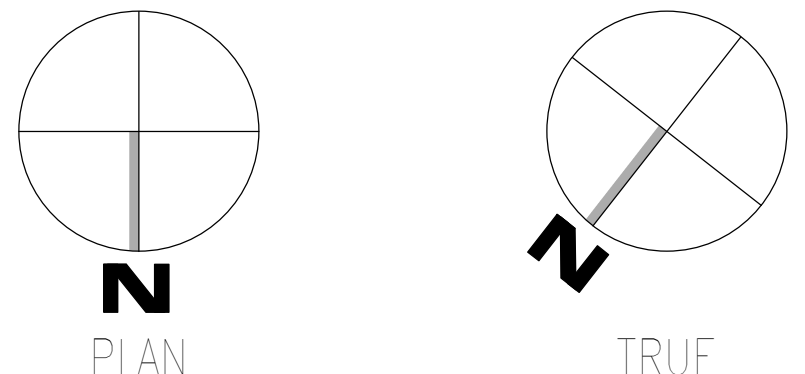
**GENERAL NOTES:**

- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
- B. ON DEMOLITION PLANS; EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED. EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
- C. UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
- D. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.

**SHEET NOTES:**

- 1. REMOVE EXISTING SPRINKLER HEAD FOR CEILING REMOVAL. REFER TO NEW WORK PLANS FOR INSTALLATION OF NEW UPRIGHT HEADS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 2. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE 1. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 3. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
- 4. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION 'LIGHT HAZARD'. RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECTS CEILING PLANS.

Autodesk Docs: 202075.008 - VA Tuscaloosa EHRM Infrastructure Upgrades/202075.008 - VA EHRM Tuscaloosa R50\_B001.rvt  
 08-03-2024 11:10:40  
 VA FORM 08 - 6231



Revisions:	Date:

**CONSULTANT**

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 127 Nationwide Drive  
 Lynchburg, VA 24502  
 Phone: 434.947.1901  
 www.wileywilson.com

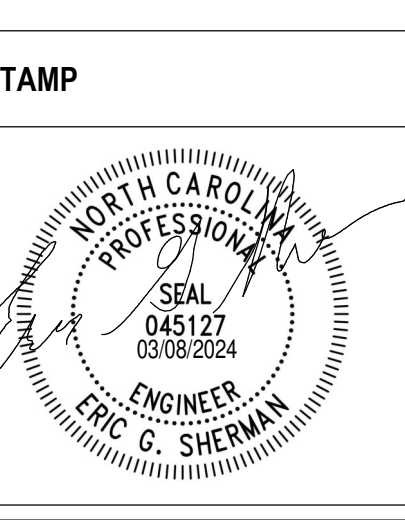
**SPECIALIZED ENGINEERING SOLUTIONS**  
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 Charlotte, NC 28204

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NC Engineering License No.: P-0214  
 NC Architectural License No.: 51254



**Office of Construction and Facilities Management**

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**BUILDING 1 GROUND LEVEL - FIRE PROTECTION**

Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

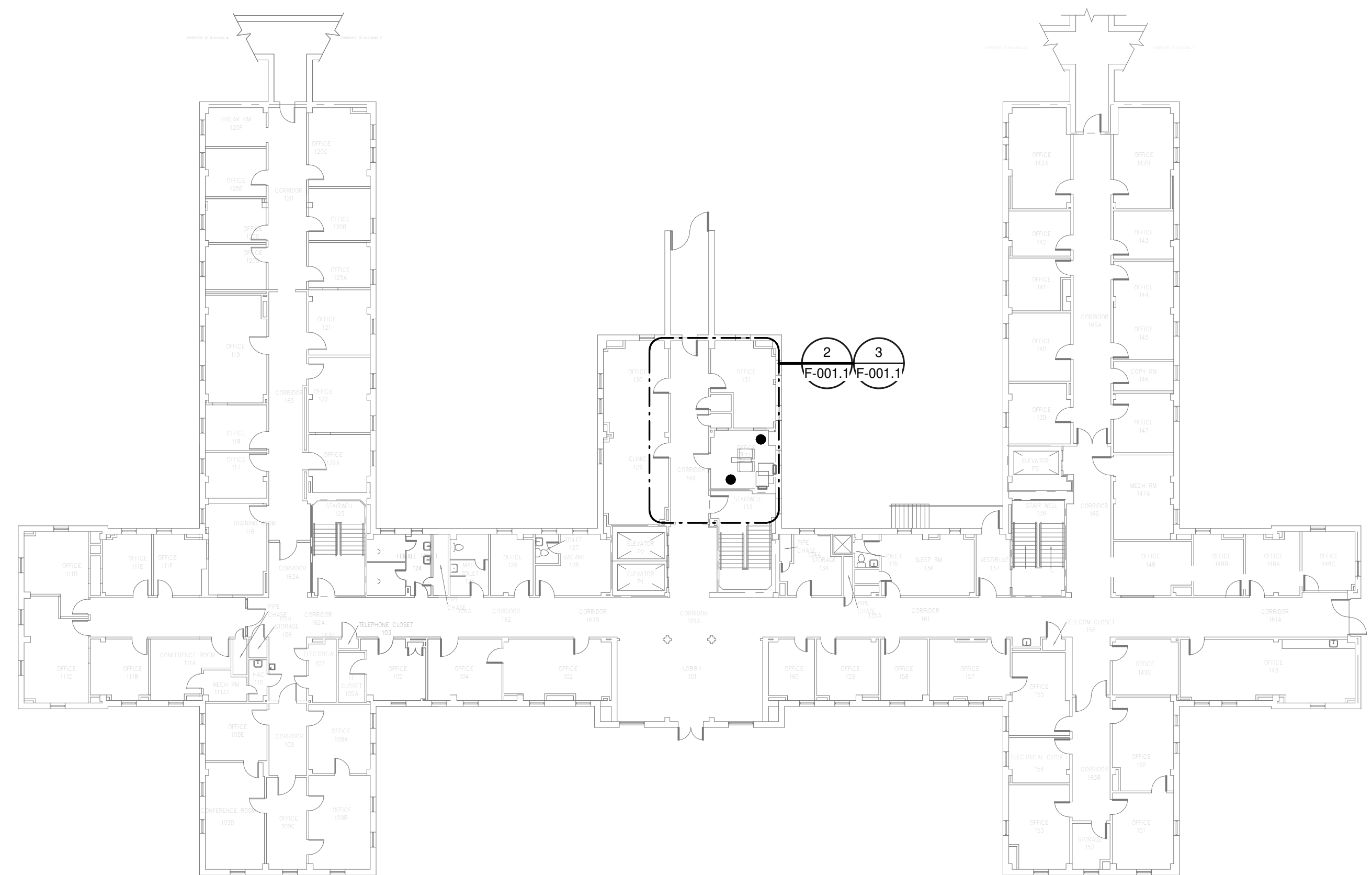
Project Title EHRM INFRASTRUCTURE UPGRADES	Project Number 679-20-104
Location TUSCALOOSA VAMC, TUSCALOOSA, AL.	Building Number 1
Issue Date 03/08/2024	Checked JKK
	Drawn PCM
	Drawing Number F-001.G

**GENERAL NOTES:**

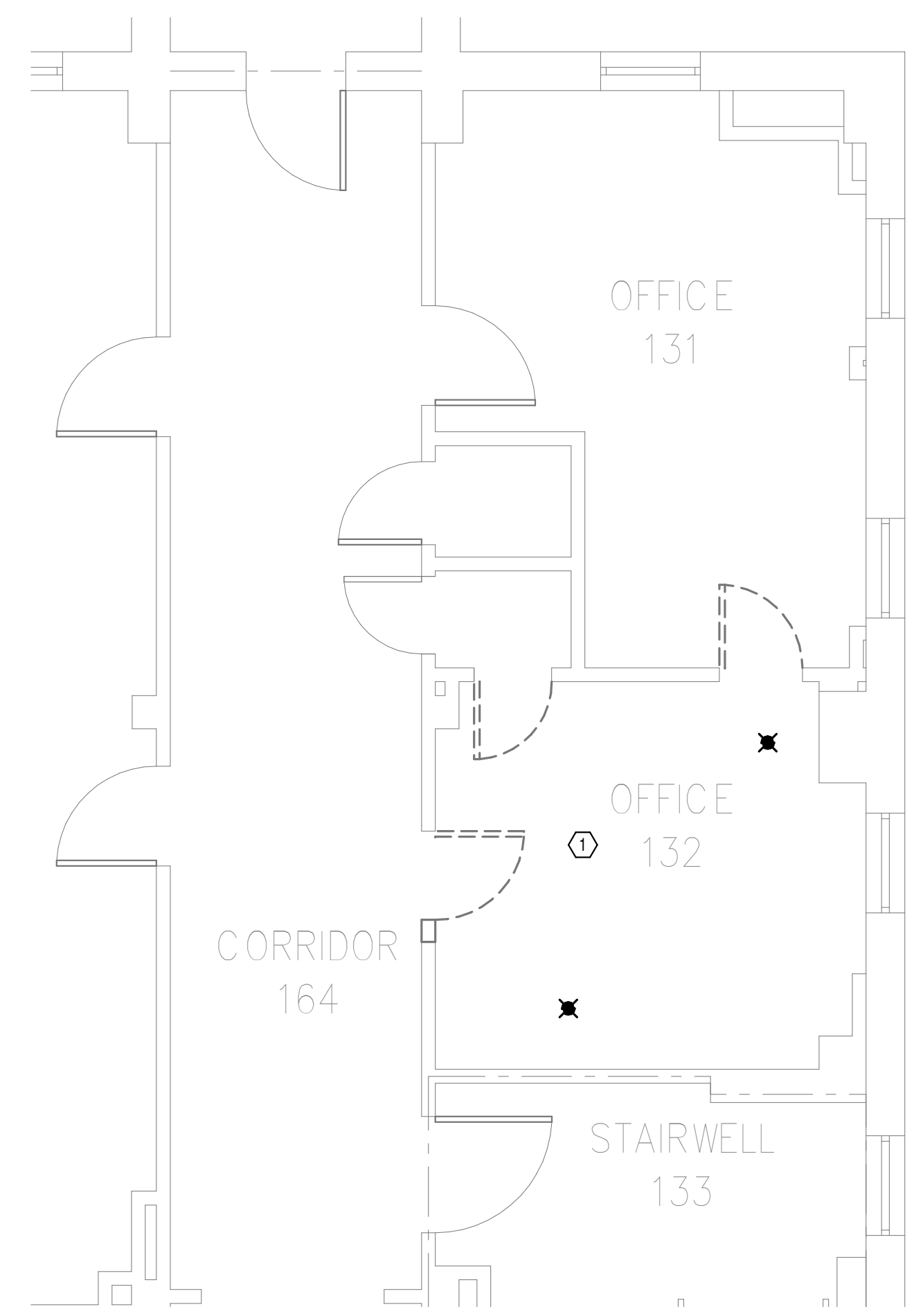
- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
- B. ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED. EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
- C. UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
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**SHEET NOTES:**

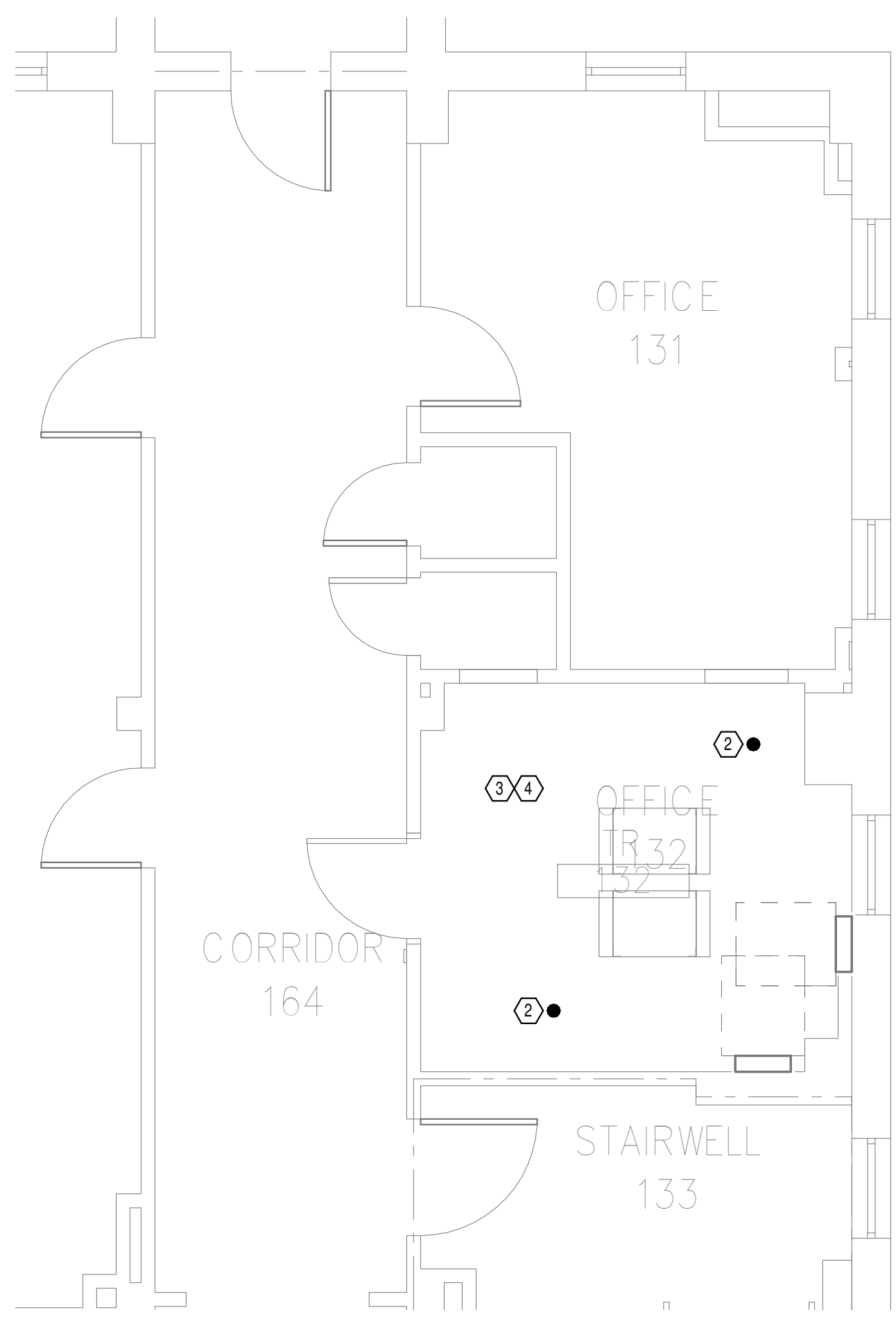
- 1. REMOVE EXISTING SPRINKLER HEAD FOR CEILING REMOVAL. REFER TO NEW WORK PLANS FOR INSTALLATION OF NEW UPRIGHT HEADS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 2. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE 132. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 3. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
- 4. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION "LIGHT HAZARD". RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.



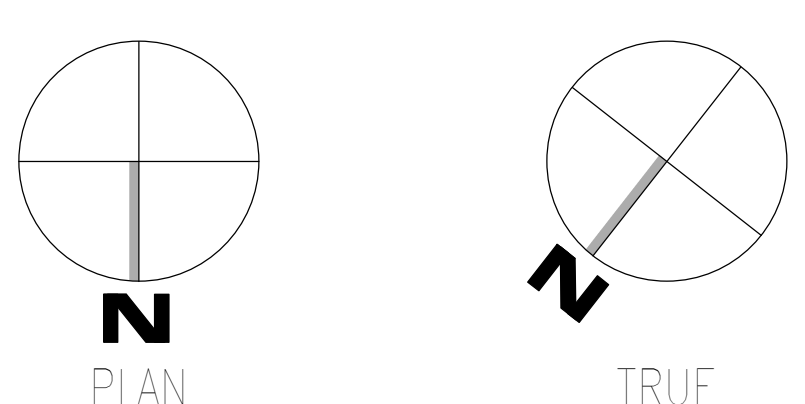
**OVERALL FLOOR PLAN  
LEVEL 01 - FIRE  
PROTECTION**  
1  
NTS



**DEMOLITION FLOOR  
PLAN LEVEL 01 - FIRE  
PROTECTION**  
2  
1/4" = 1'-0"



**NEW FLOOR PLAN LEVEL  
01 - FIRE PROTECTION**  
3  
1/4" = 1'-0"



Autodesk: C:\Users\202075.008\VA\_Tuscaloosa\EHRM\_Infrastructure\_Upgrade\202075.008\_VA\_EHRM\_Tuscaloosa\_P00\_0001.rvt  
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Revisions:	Date:

**CONSULTANT**

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127 Nationwide Drive  
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www.wileywilson.com

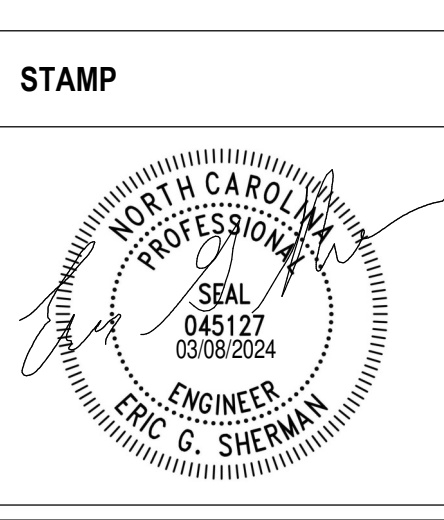
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NC Architectural License No.: 51254



**Office of Construction and Facilities Management**

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**BUILDING 1 LEVEL 01 - FIRE PROTECTION**

Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

Project Title EHRM INFRASTRUCTURE UPGRADES	Project Number 679-20-104
Location TUSCALOOSA VAMC, TUSCALOOSA, AL.	Building Number 1
Issue Date 03/08/2024	Checked JKK
Drawn PCM	Drawing Number F-001.1

A

B

C

D

E

F

A

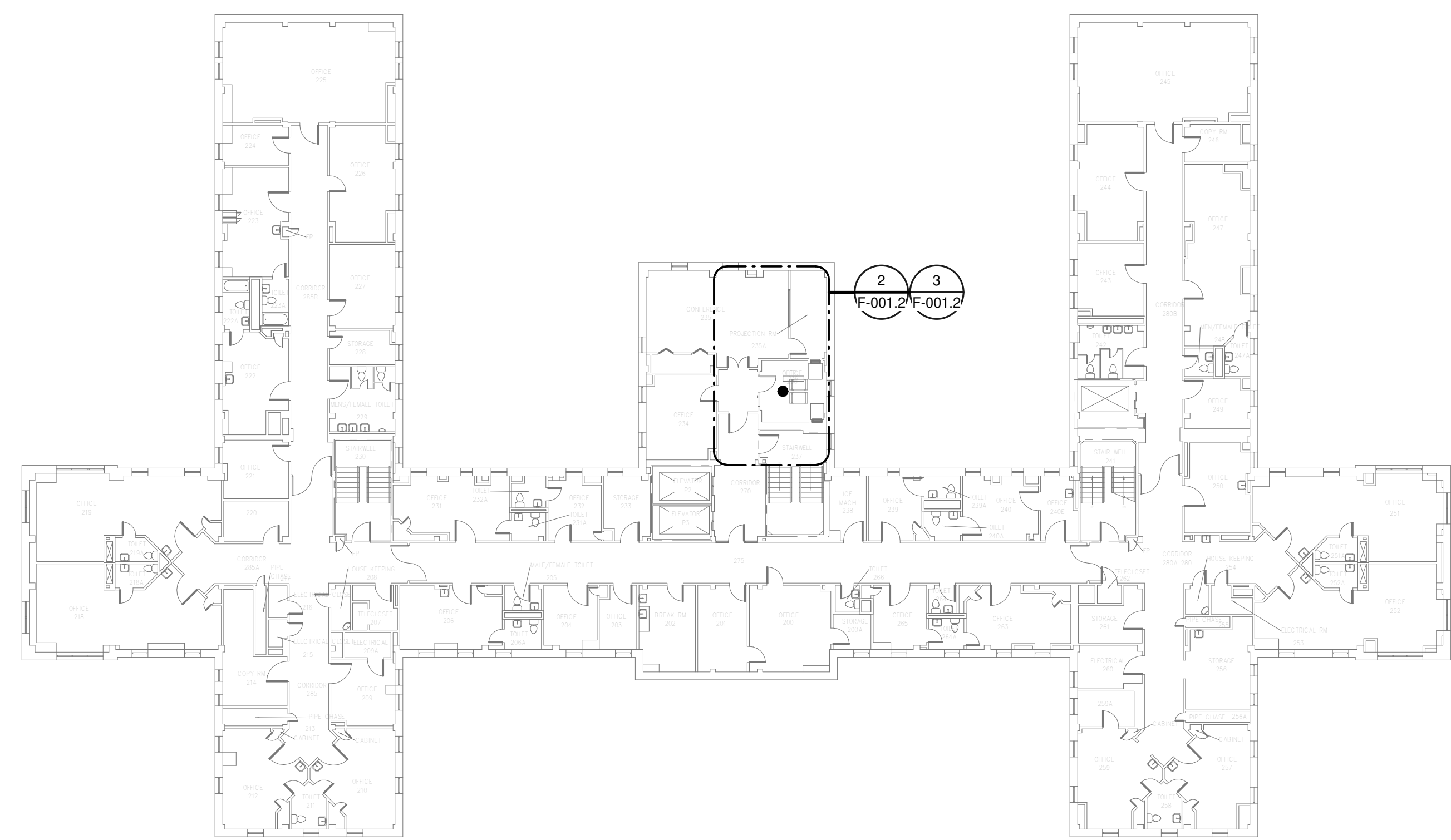
B

C

D

E

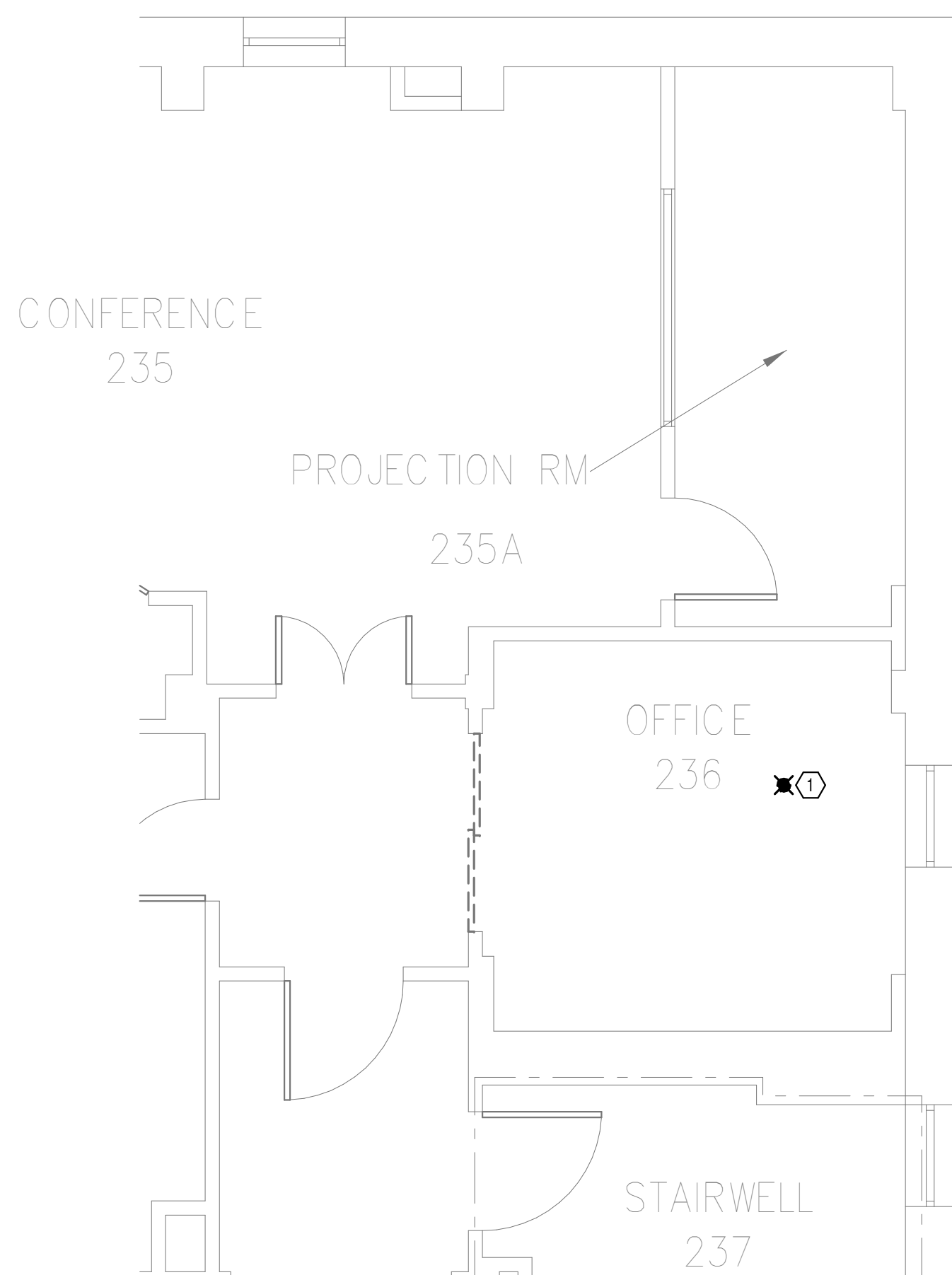
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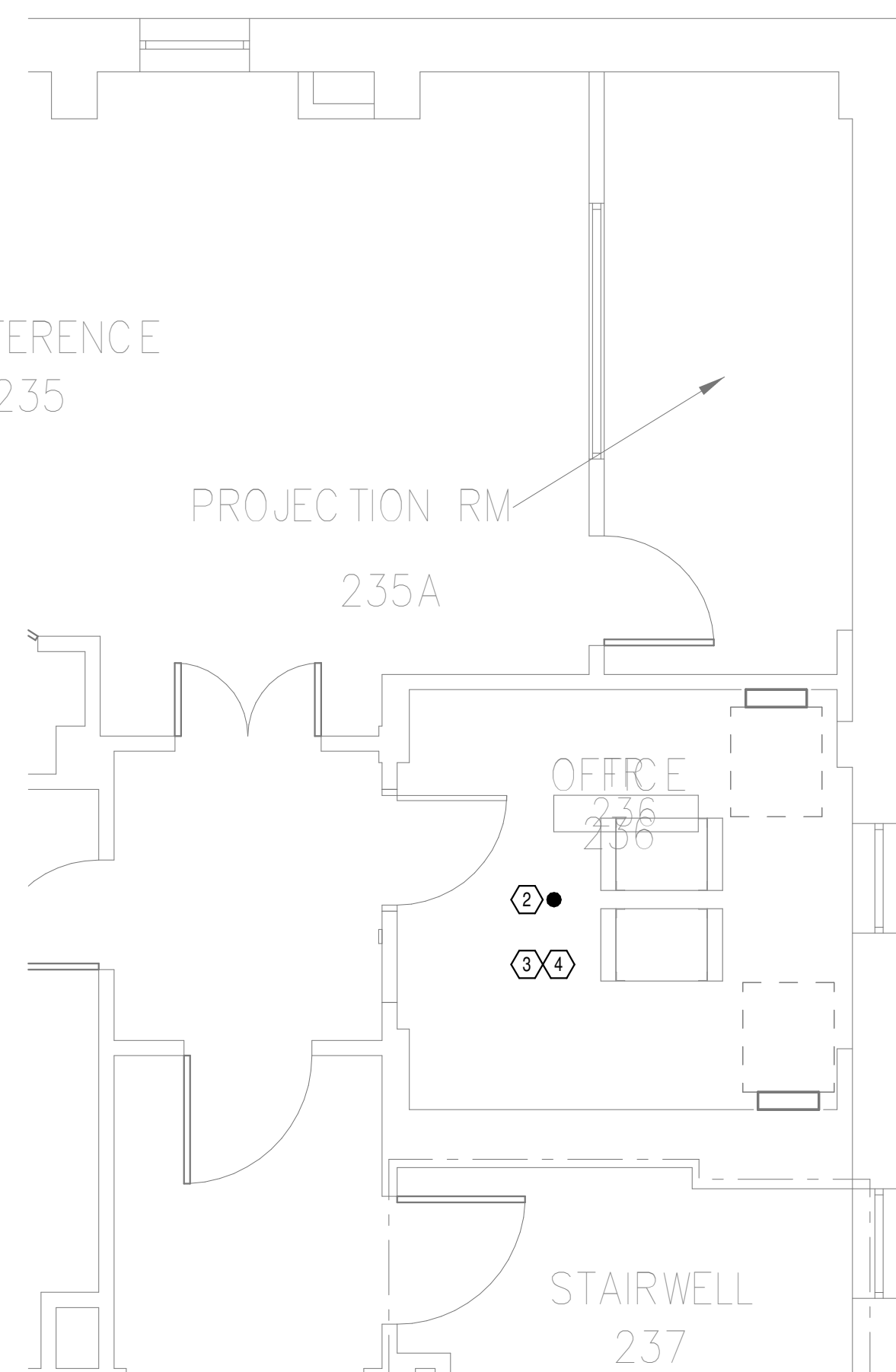
**1**  
OVERALL FLOOR PLAN  
LEVEL 02 - FIRE  
PROTECTION  
NTS

- GENERAL NOTES:**
- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
  - B. ON DEMOLITION PLANS; EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED. EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
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  - D. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.

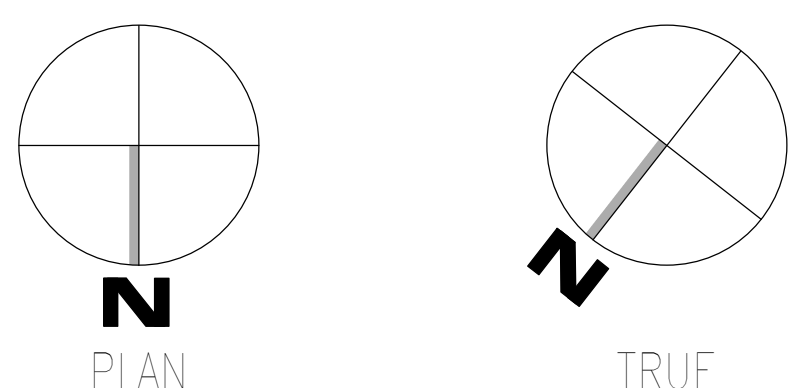
- SHEET NOTES:**
1. DEMOLISH EXISTING SPRINKLER HEAD FOR CEILING REMOVAL AND SPRINKLER PIPE TO POINT INDICATED. REFER TO NEW WORK PLANS FOR INSTALLATION OF NEW UPRIGHT HEADS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
  2. ROUTE NEW SPRINKLER PIPE TO INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE 236. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
  3. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
  4. AREA OF EXISTING SPRINKLER COVERAGE. HAZARD CLASSIFICATION "LIGHT HAZARD". RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.



**2**  
DEMOLITION FLOOR  
PLAN LEVEL 02 - FIRE  
PROTECTION  
1/4" = 1'-0"



**3**  
NEW FLOOR PLAN LEVEL  
02 - FIRE PROTECTION  
1/4" = 1'-0"



Autodesk Docs: 202375.008 - VA Tuscaloosa EHRM Infrastructure Upgrades/202375.008 - VA EHRM Tuscaloosa R50\_B001.rvt  
 08-03-2024 11:10:42  
 VA FORM 08 - 6231

Revisions:	Date:

**CONSULTANT**

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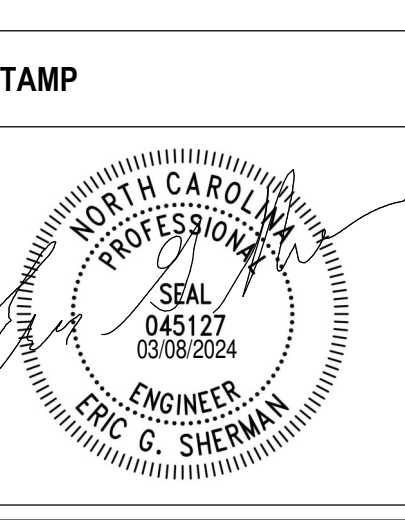
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NC Architectural License No.: 51254



Office of  
Construction  
and Facilities  
Management

**VA** U.S. Department  
of Veterans Affairs

Drawing Title  
**BUILDING 1 LEVEL 02 - FIRE PROTECTION**

Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

Project Title  
**EHRM INFRASTRUCTURE UPGRADES**

Location  
**TUSCALOOSA VAMC, TUSCALOOSA, AL.**

Issue Date  
**03/08/2024**

Checked  
**JKK**

Drawn  
**PCM**

Project Number  
**679-20-104**

Building Number  
**1**

Drawing Number  
**F-001.2**

A

B

C

D

E

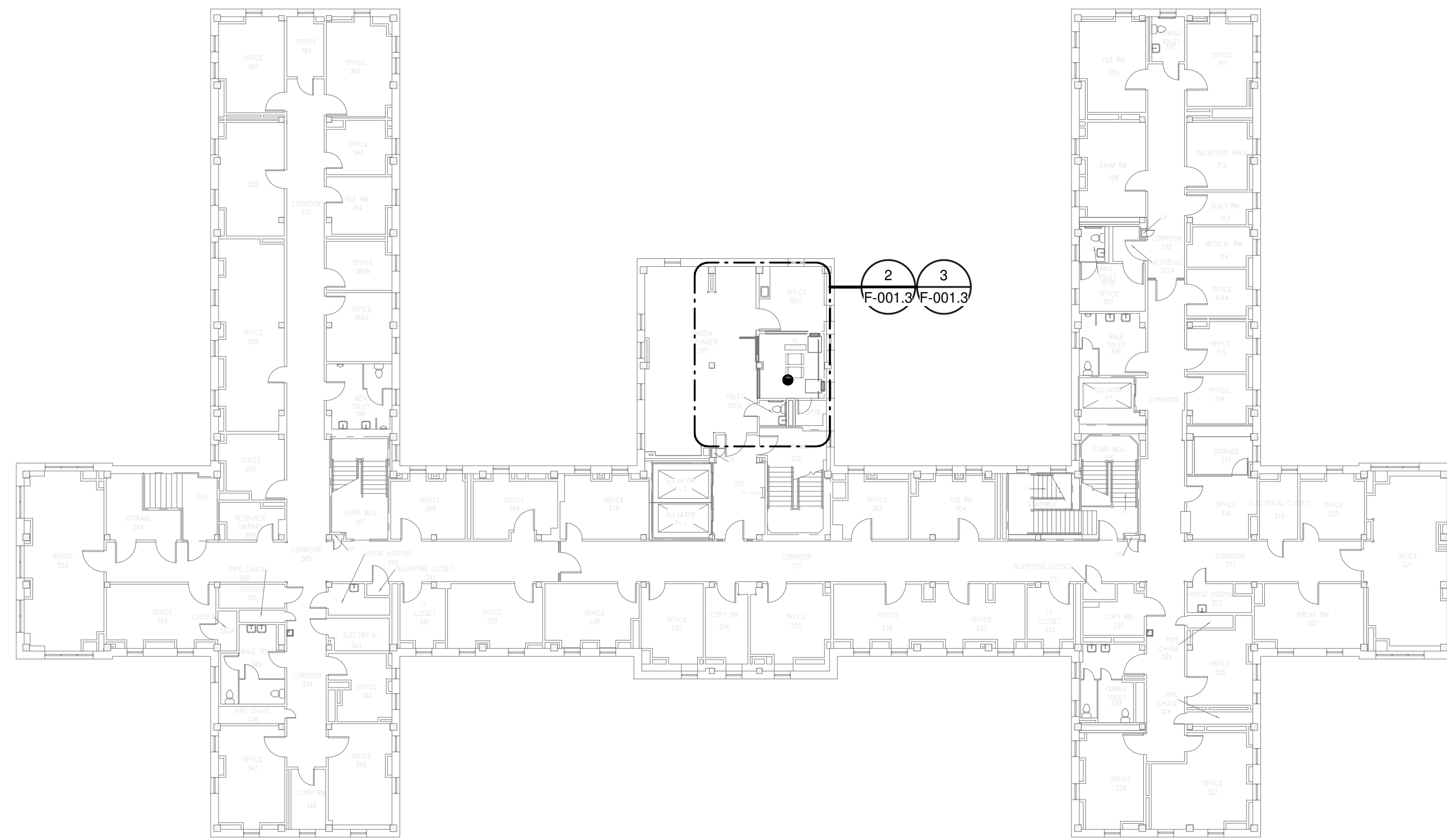
F

**GENERAL NOTES:**

- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
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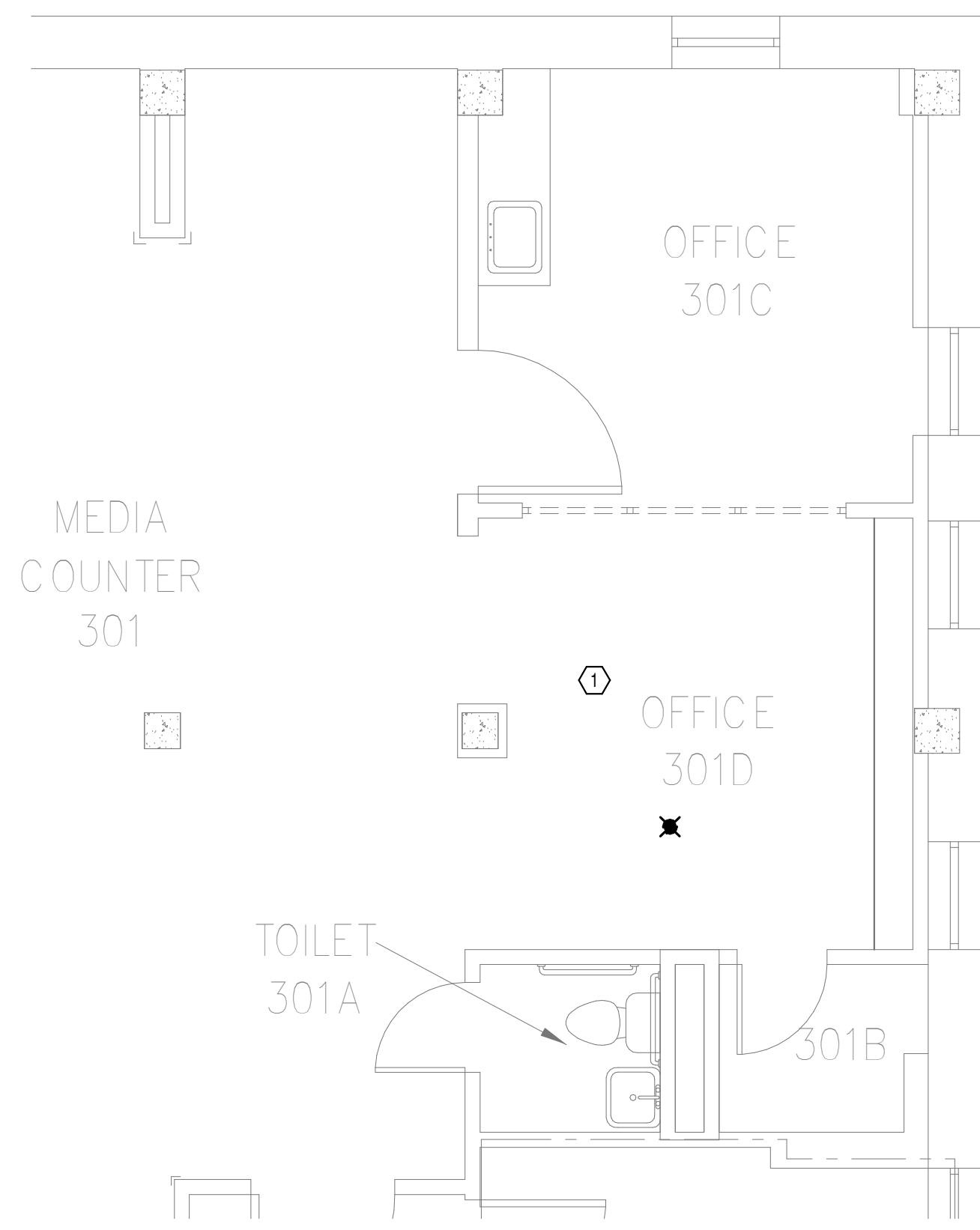
**SHEET NOTES:**

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- 2. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE 301. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 3. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
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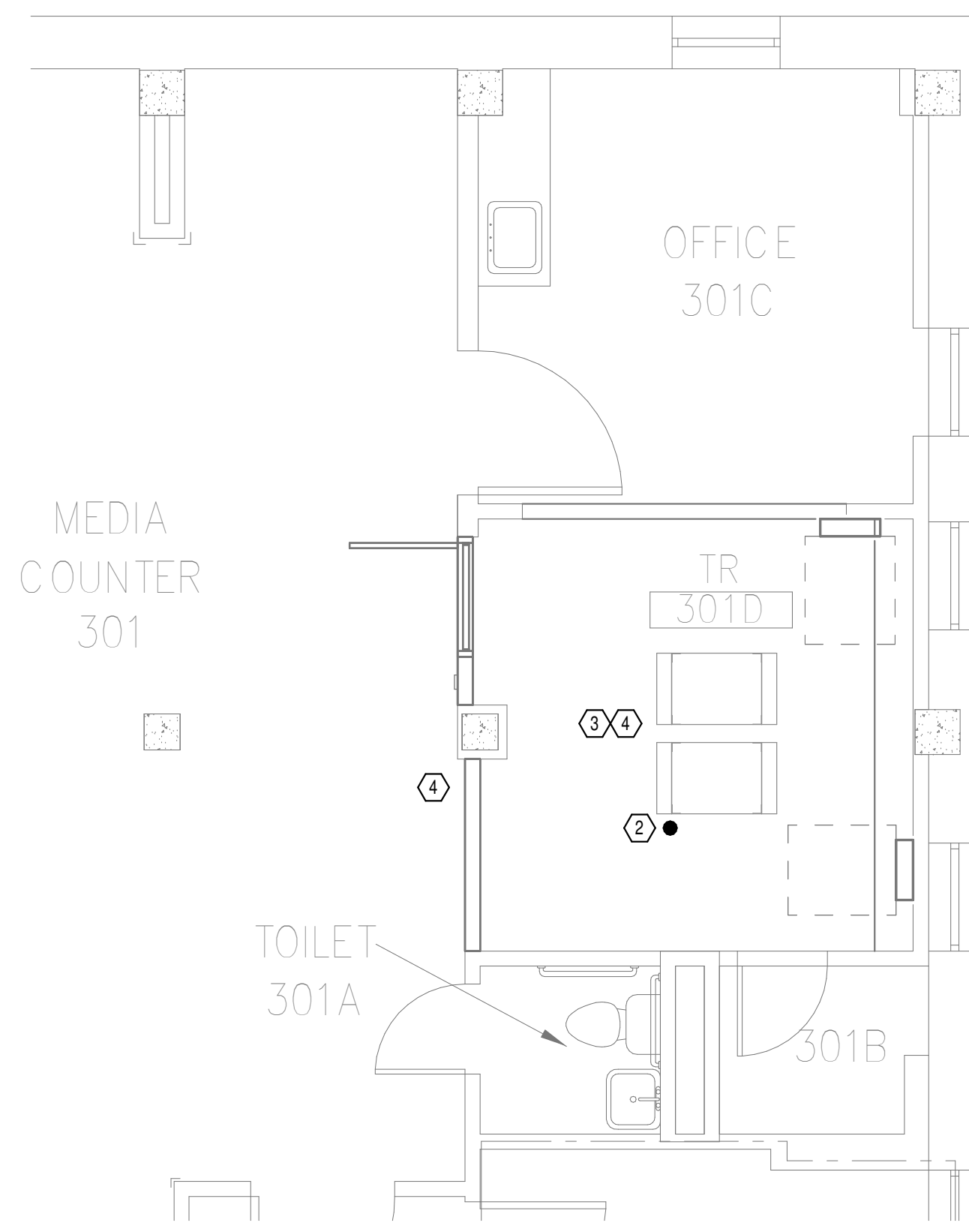
**OVERALL FLOOR PLAN  
LEVEL 03 - FIRE  
PROTECTION**

1  
NTS



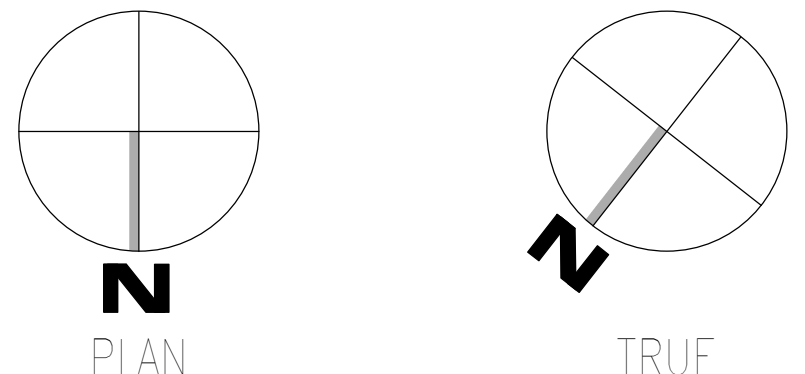
**DEMOLITION FLOOR  
PLAN LEVEL 03 - FIRE  
PROTECTION**

2  
1/4" = 1'-0"



**NEW FLOOR PLAN LEVEL  
03 - FIRE PROTECTION**

3  
1/4" = 1'-0"



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 08-03-2024 11:10:43  
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Revisions:	Date:

**CONSULTANT**

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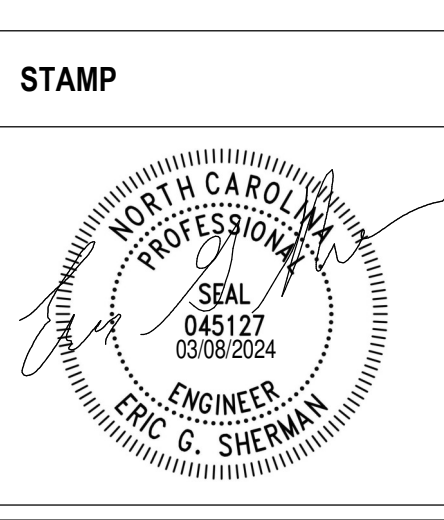
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 NC Architectural License No.: 51254



**Office of Construction and Facilities Management**

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**BUILDING 1 LEVEL 03 - FIRE PROTECTION**

Approved:

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

Project Title EHRM INFRASTRUCTURE UPGRADES	Project Number 679-20-104
Building Number 1	Drawing Number F-001.3
Location TUSCALOOSA VAMC, TUSCALOOSA, AL.	Issue Date 03/08/2024
Checked JKK	Drawn PCM

A

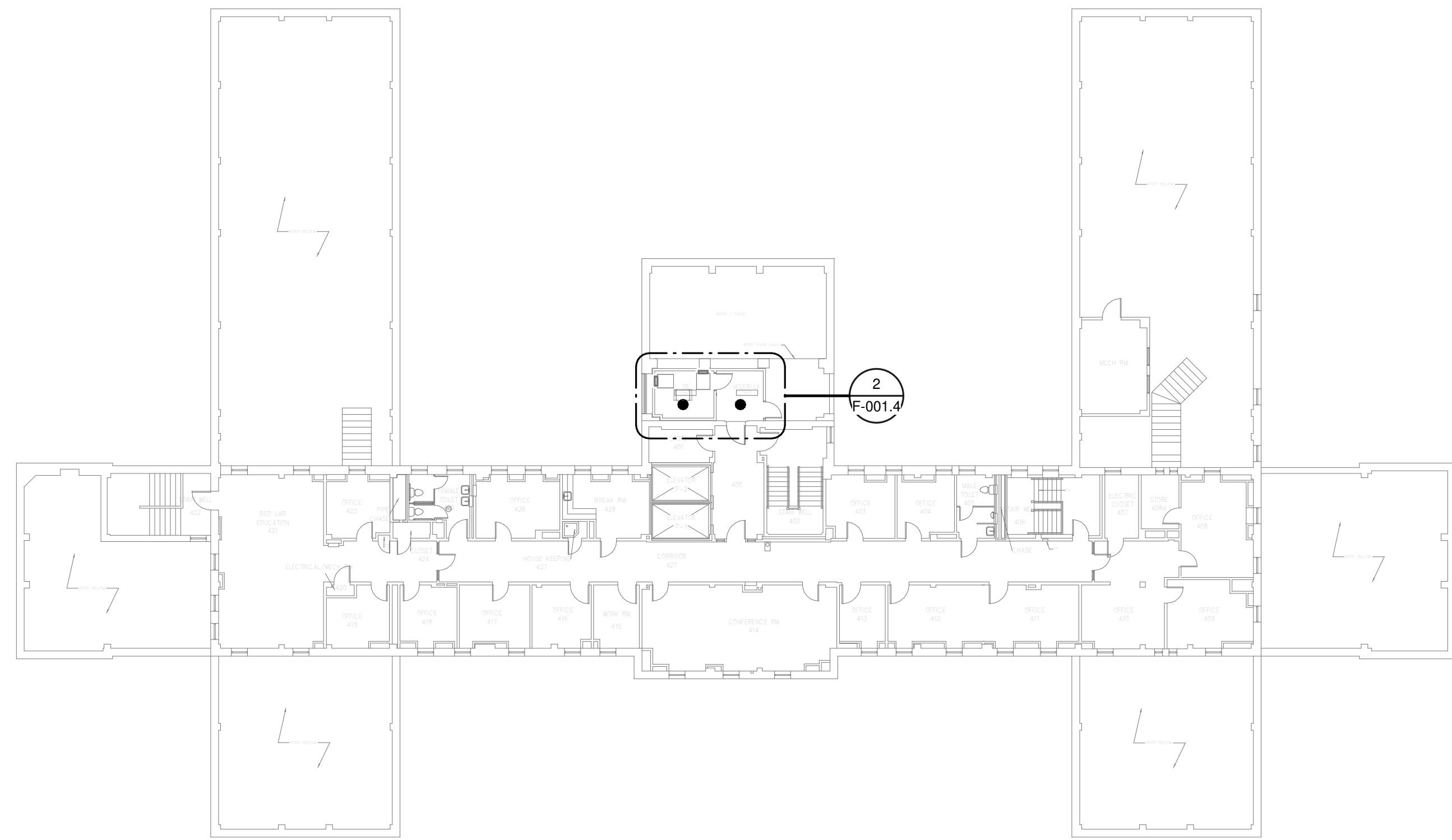
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C

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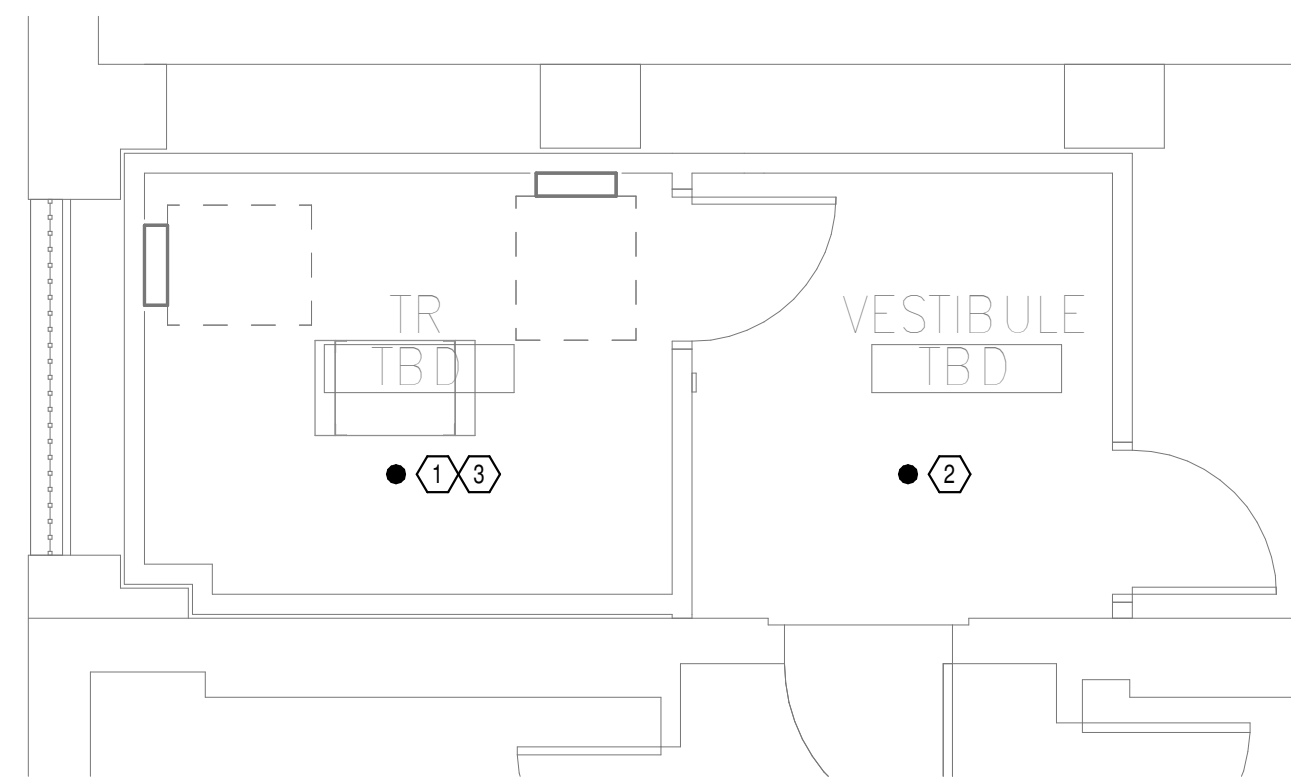
E

F



**OVERALL FLOOR PLAN  
LEVEL 04 - FIRE  
PROTECTION**

1  
NTS



**NEW FLOOR PLAN LEVEL  
04 - FIRE PROTECTION**

2  
1/4" = 1'-0"

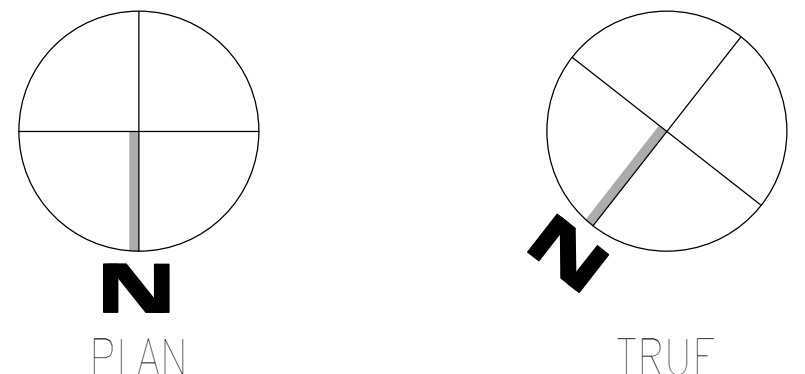
**GENERAL NOTES:**

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**SHEET NOTES:**

- 1. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE TR. VERIFY COVERAGE REQUIREMENTS. HAZARD CLASSIFICATION 'LIGHT HAZARD'. ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.
- 2. INSTALL NEW PENDANT SPRINKLER HEADS TO SERVE VESTIBULE. VERIFY COVERAGE REQUIREMENTS. HAZARD CLASSIFICATION 'LIGHT HAZARD'. ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.
- 3. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.

Autodesk: C:\Users\202075.008\VA\_Tuscaloosa\EHRM Infrastructure Upgrades\202075.008\_VA\_EHRM\_Tuscaloosa\_R50\_B001.rvt  
 08-03-2024 11:10:44  
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**CONSULTANT**

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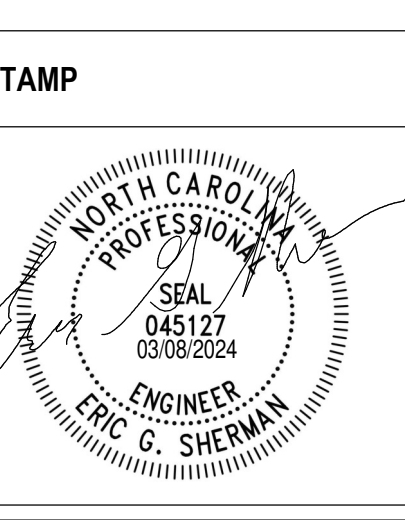
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Office of  
 Construction  
 and Facilities  
 Management

**VA** U.S. Department  
 of Veterans Affairs

Drawing Title  
**BUILDING 1 LEVEL 04 - FIRE  
 PROTECTION**

Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION  
 DOCUMENTS**

**FULLY SPRINKLERED**

Project Title  
**EHRM INFRASTRUCTURE UPGRADES**

Location  
**TUSCALOOSA VAMC, TUSCALOOSA, AL.**

Issue Date  
 03/08/2024

Checked  
 JKK

Drawn  
 PCM

Project Number  
**679-20-104**

Building Number  
**1**

Drawing Number  
**F-001.4**



A

B

C

D

E

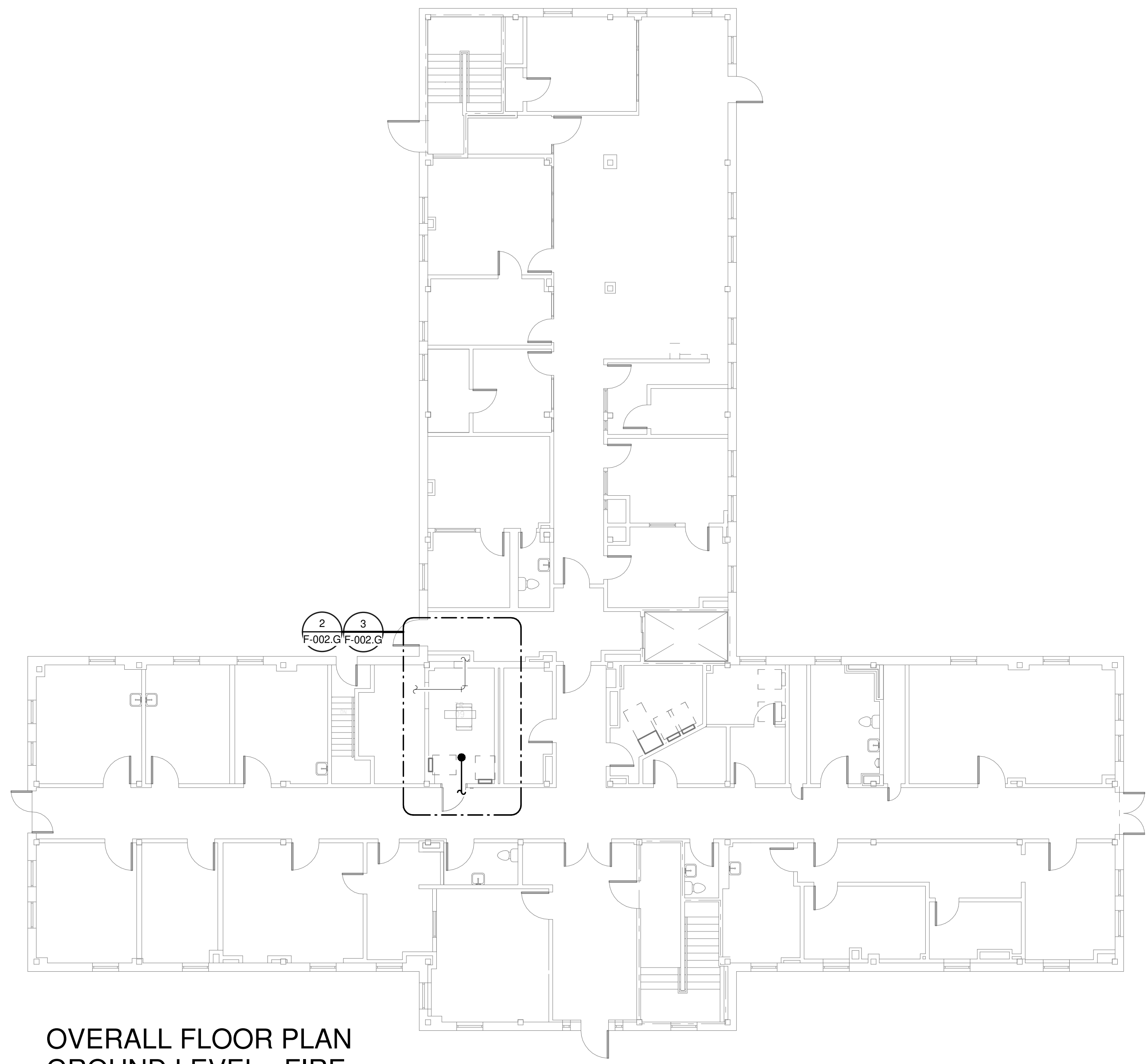
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**GENERAL NOTES:**

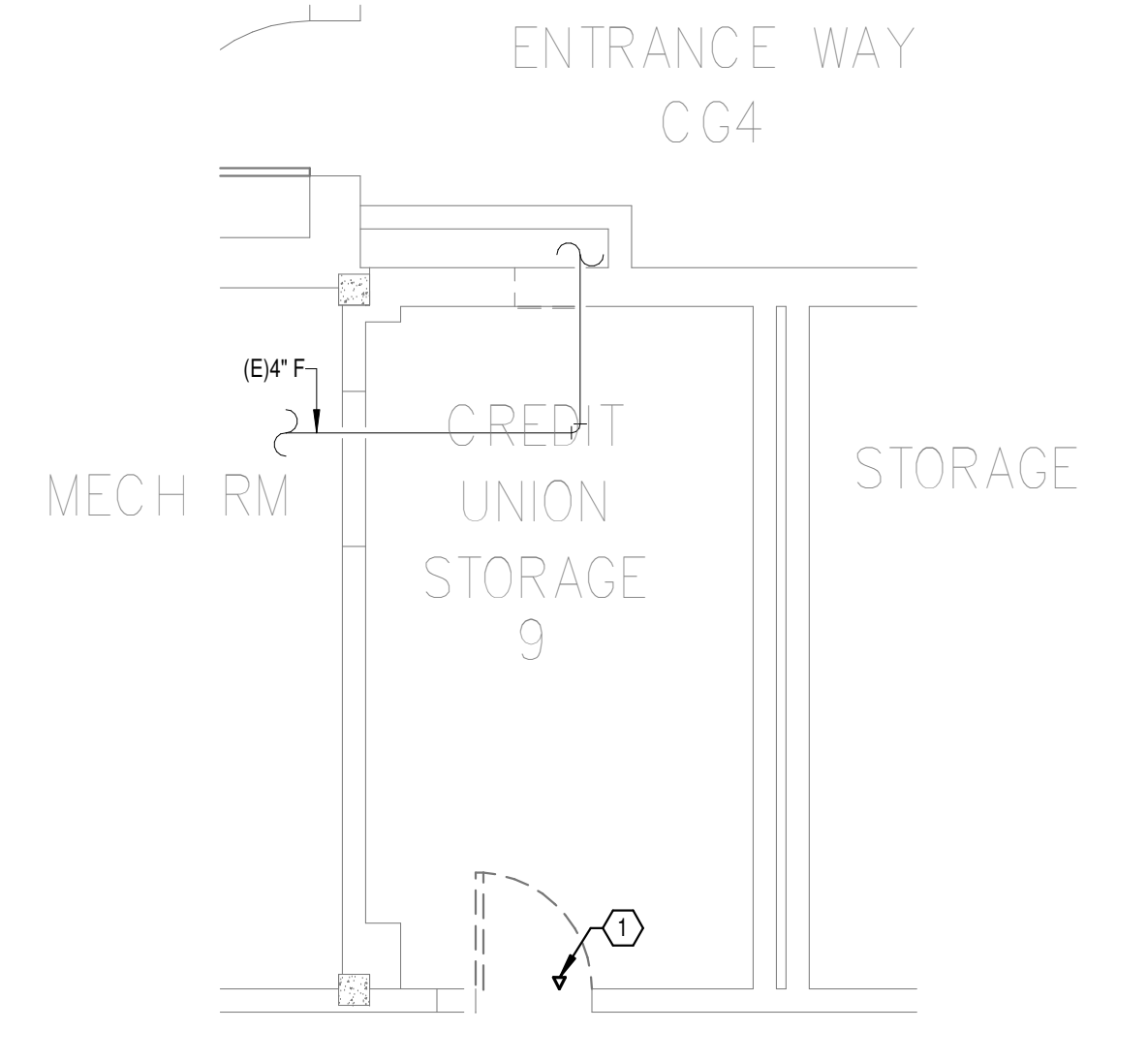
- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
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**SHEET NOTES:**

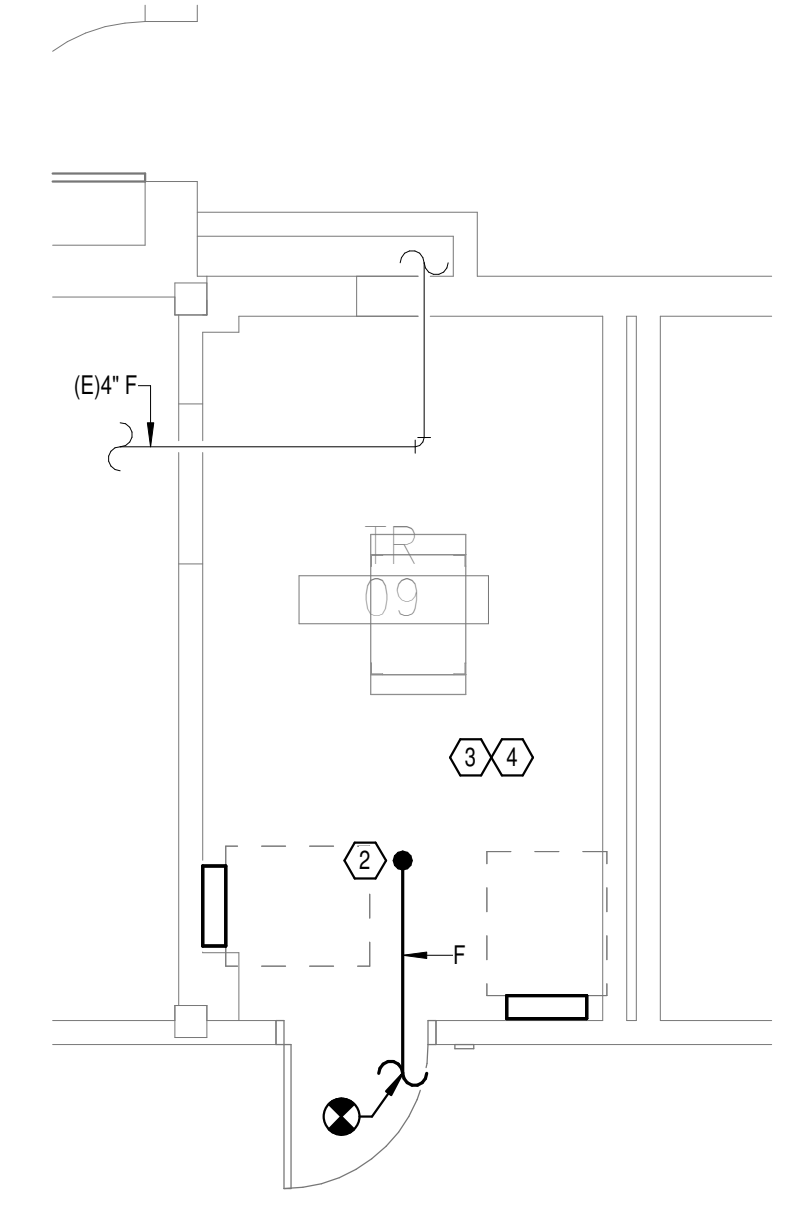
- 1. REMOVE EXISTING SPRINKLER HEAD. REFER TO NEW WORK PLANS FOR INSTALLATION OF NEW UPRIGHT HEADS. REPLACEMENT OF THE EXISTING SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 2. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE 09. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
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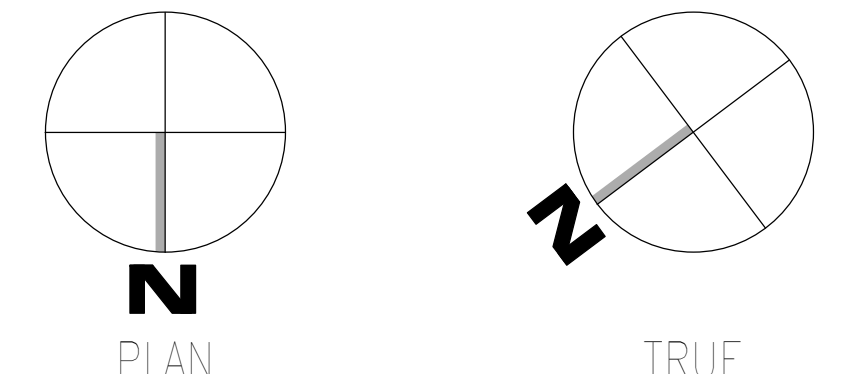
**OVERALL FLOOR PLAN  
GROUND LEVEL - FIRE  
PROTECTION**  
1  
1" = 10'-0"



**DEMOLITION FLOOR  
PLAN GROUND LEVEL -  
FIRE PROTECTION**  
2  
1/4" = 1'-0"



**NEW FLOOR PLAN  
GROUND LEVEL - FIRE  
PROTECTION**  
3  
1/4" = 1'-0"



Autodesk: C:\Users\jacob\OneDrive\Documents\2025\08 - VA Tuscaloosa EHRM Infrastructure Upgrades\2025\08 - VA EHRM Tuscaloosa R50\_B005.rvt  
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Revisions:	Date:

**CONSULTANT**

**WileyWilson**  
127 Nationwide Drive  
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Phone: 434.947.1901  
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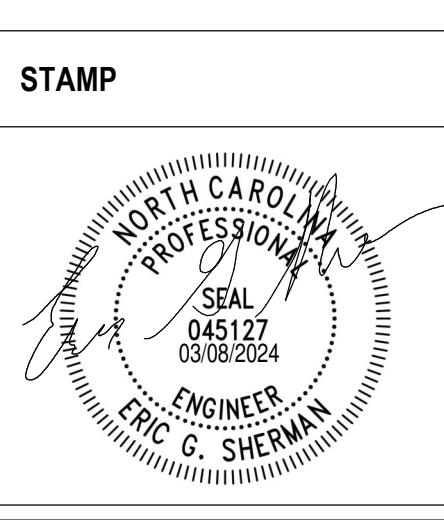
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Fax: 828.315.9964

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NC Architectural License No.: 51254



**Office of Construction and Facilities Management**

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**BUILDING 2 GROUND LEVEL - FIRE PROTECTION**

Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

Project Title  
**EHRM INFRASTRUCTURE UPGRADES**

Project Number  
**679-20-104**

Building Number  
**2**

Location  
**TUSCALOOSA VAMC, TUSCALOOSA, AL.**

Issue Date  
**03/08/2024**

Checked  
**JKK**

Drawn  
**PCM**

Drawing Number  
**F-002.G**

A

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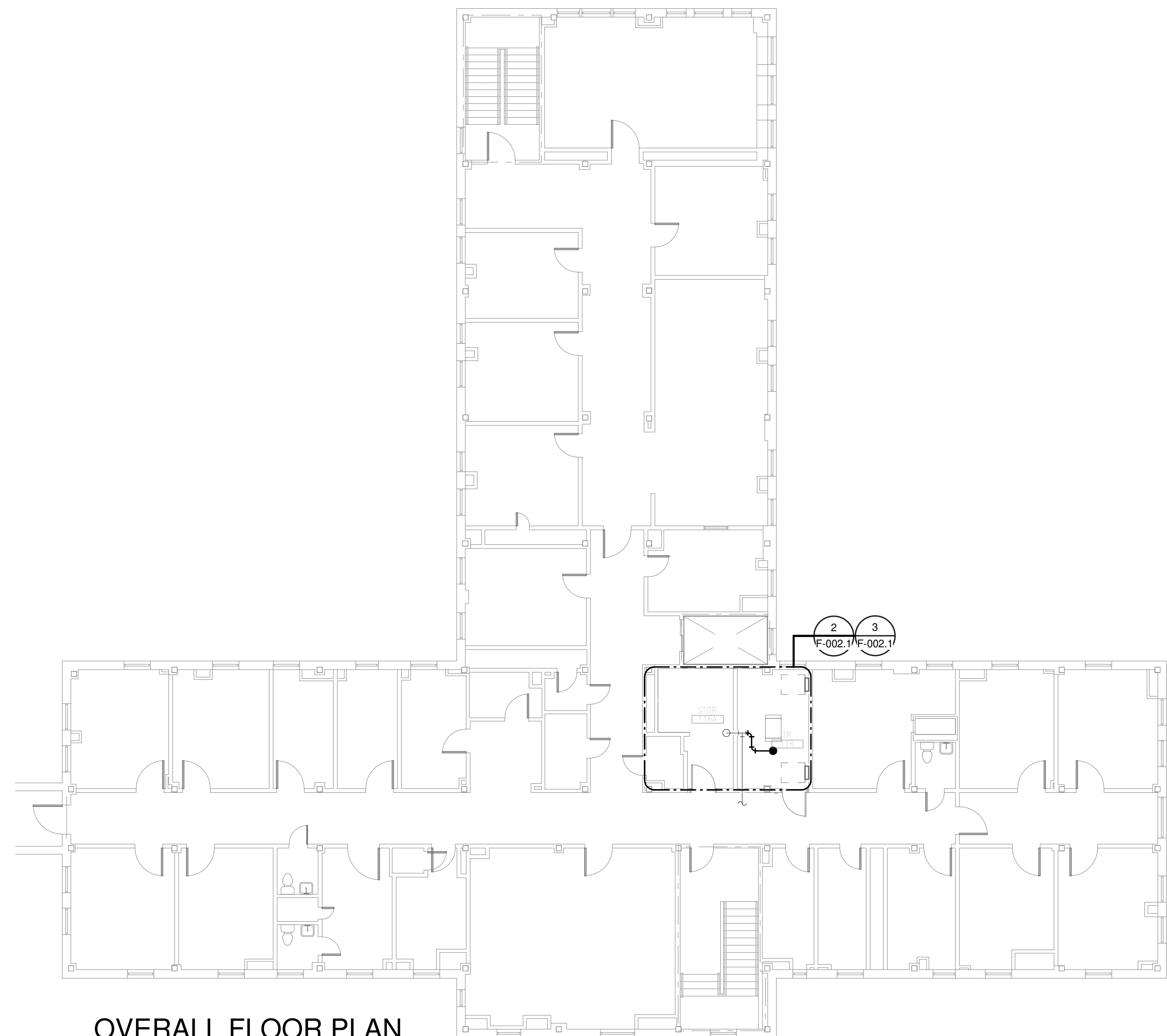
F

**GENERAL NOTES:**

- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
- B. ON DEMOLITION PLANS; EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED. EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
- C. UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
- D. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.

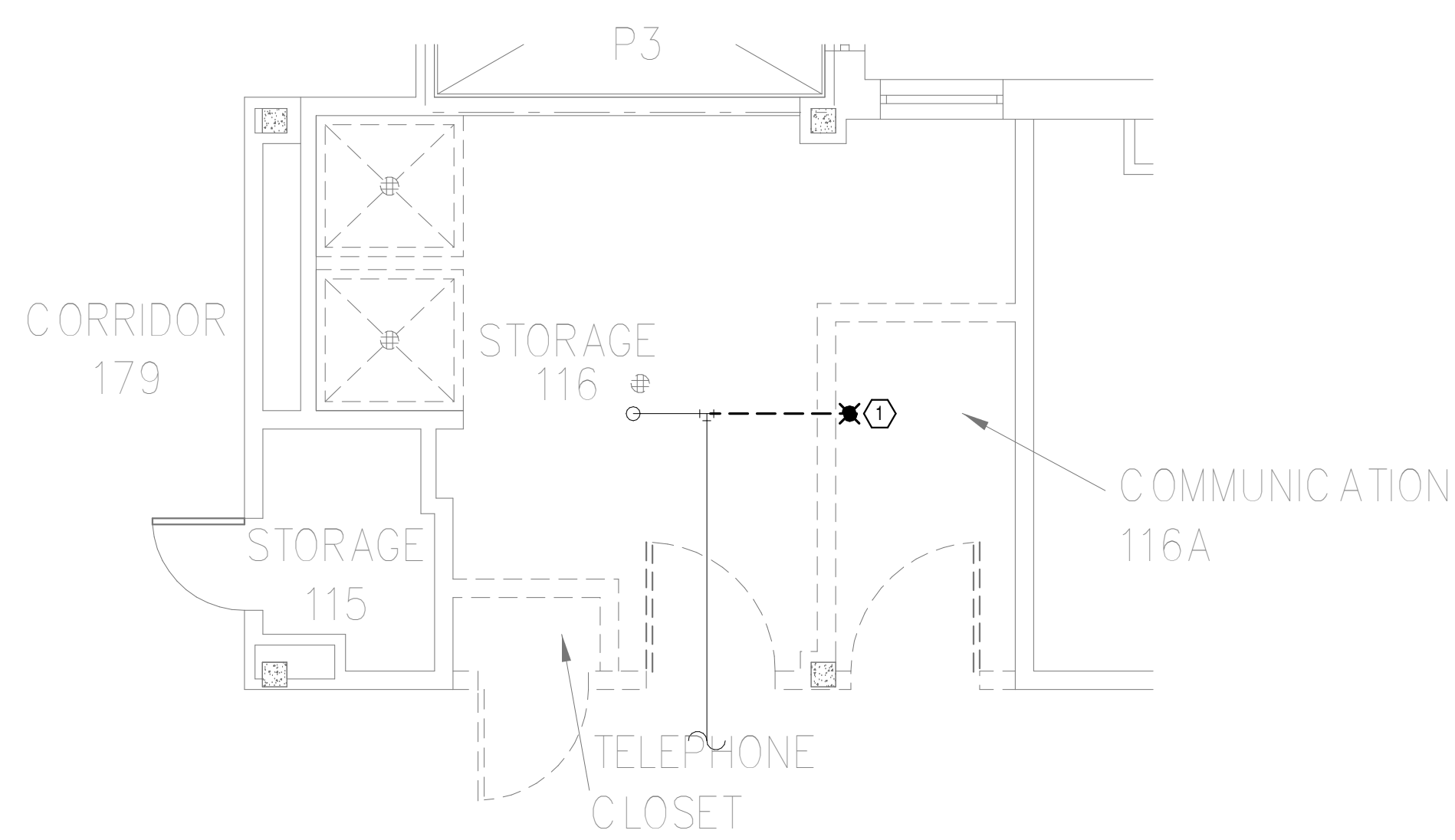
**SHEET NOTES:**

- 1. DEMOLISH EXISTING SPRINKLER HEAD FOR CEILING REMOVAL AND SPRINKLER PIPE TO POINT INDICATED. REFER TO NEW WORK PLANS FOR INSTALLATION OF NEW UPRIGHT HEADS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 2. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE 116. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 3. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
- 4. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION "LIGHT HAZARD". RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.



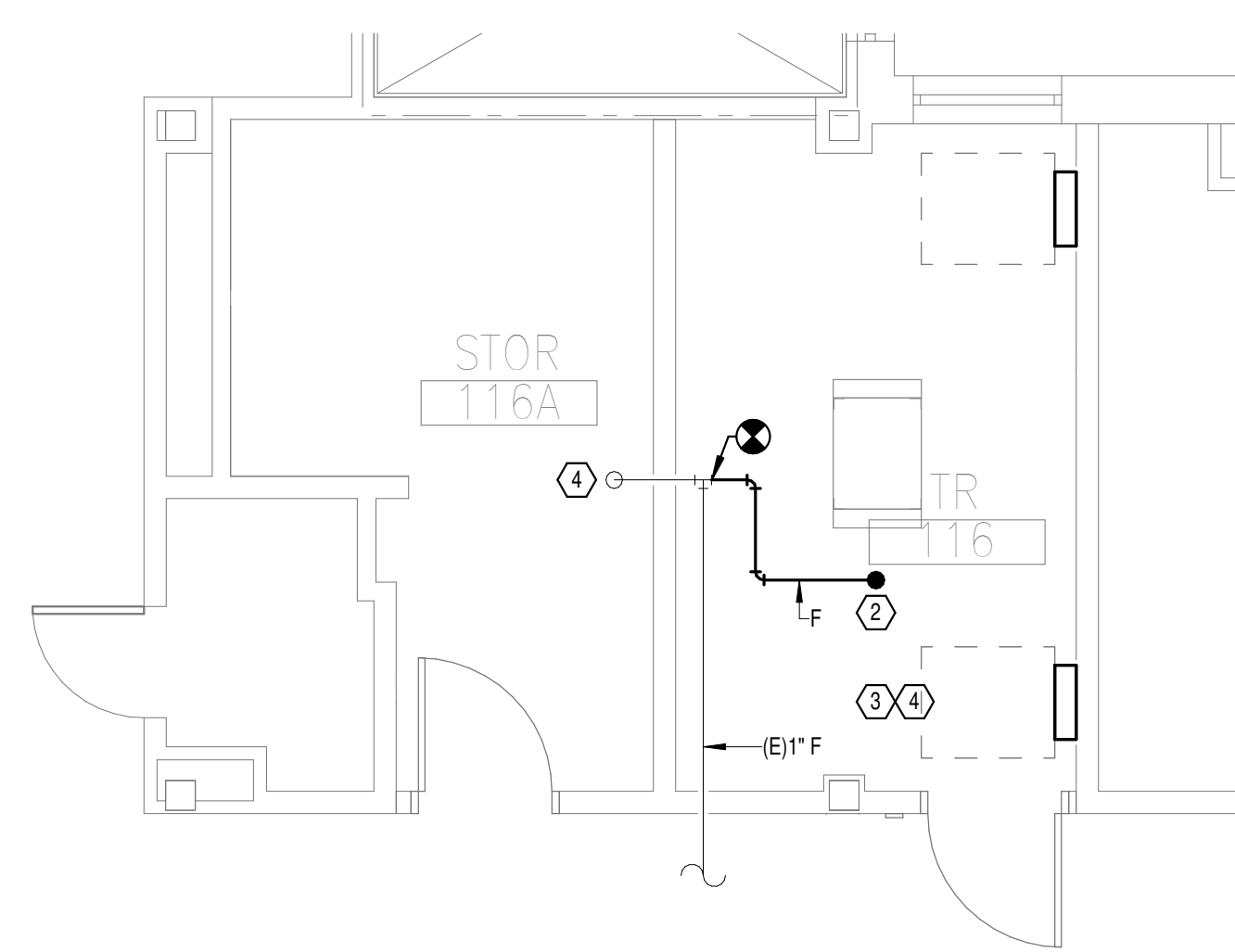
**OVERALL FLOOR PLAN  
LEVEL 01 - FIRE  
PROTECTION**

1  
1" = 10'-0"



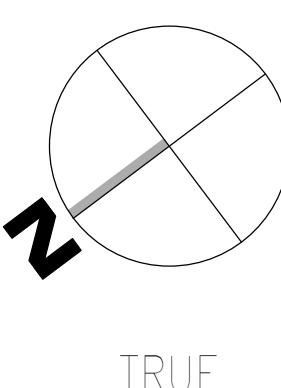
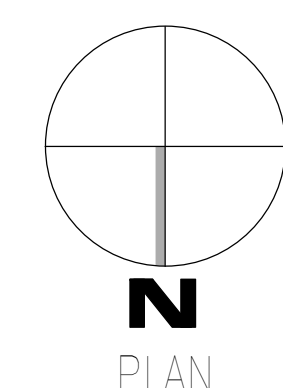
**DEMOLITION FLOOR  
PLAN LEVEL 01 - FIRE  
PROTECTION**

2  
1/4" = 1'-0"



**NEW FLOOR PLAN LEVEL  
01 - FIRE PROTECTION**

3  
1/4" = 1'-0"



Autodesk Docs: 202375.008 - VA Tuscaloosa EHRM Infrastructure Upgrades/202375.008 - VA EHRM Tuscaloosa R00\_B005.rvt  
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 VA FORM 08 - 6231

Revisions:	Date:

**CONSULTANT**

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**STAMP**

**Office of Construction and Facilities Management**

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**BUILDING 2 LEVEL 01 - FIRE PROTECTION**

Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

Project Title EHRM INFRASTRUCTURE UPGRADES	Project Number 679-20-104
Location TUSCALOOSA VAMC, TUSCALOOSA, AL.	Building Number 2
Issue Date 03/08/2024	Checked JKK
Drawn PCM	Drawing Number F-002.1

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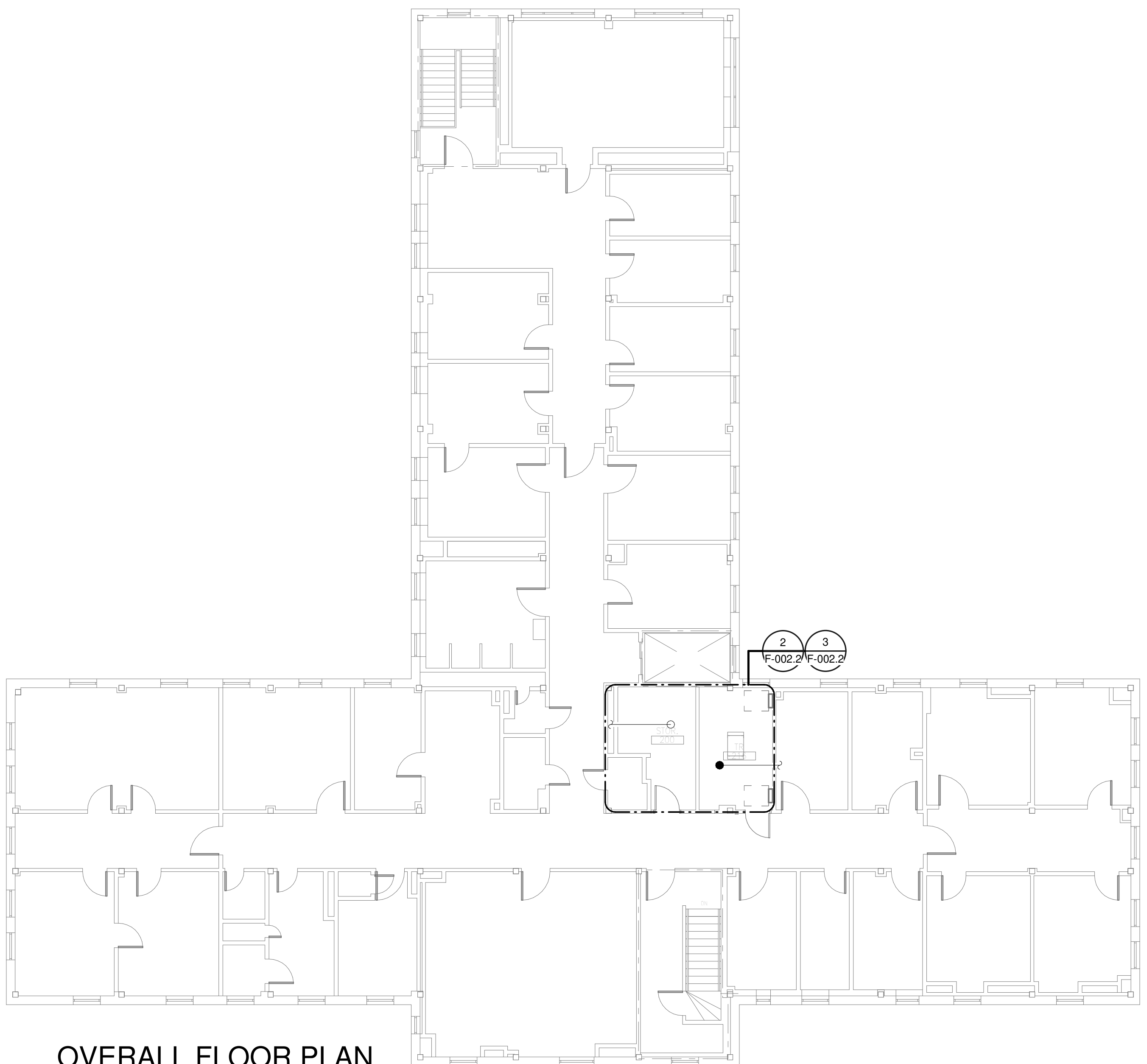
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**GENERAL NOTES:**

- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
- B. ON DEMOLITION PLANS; EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED. EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
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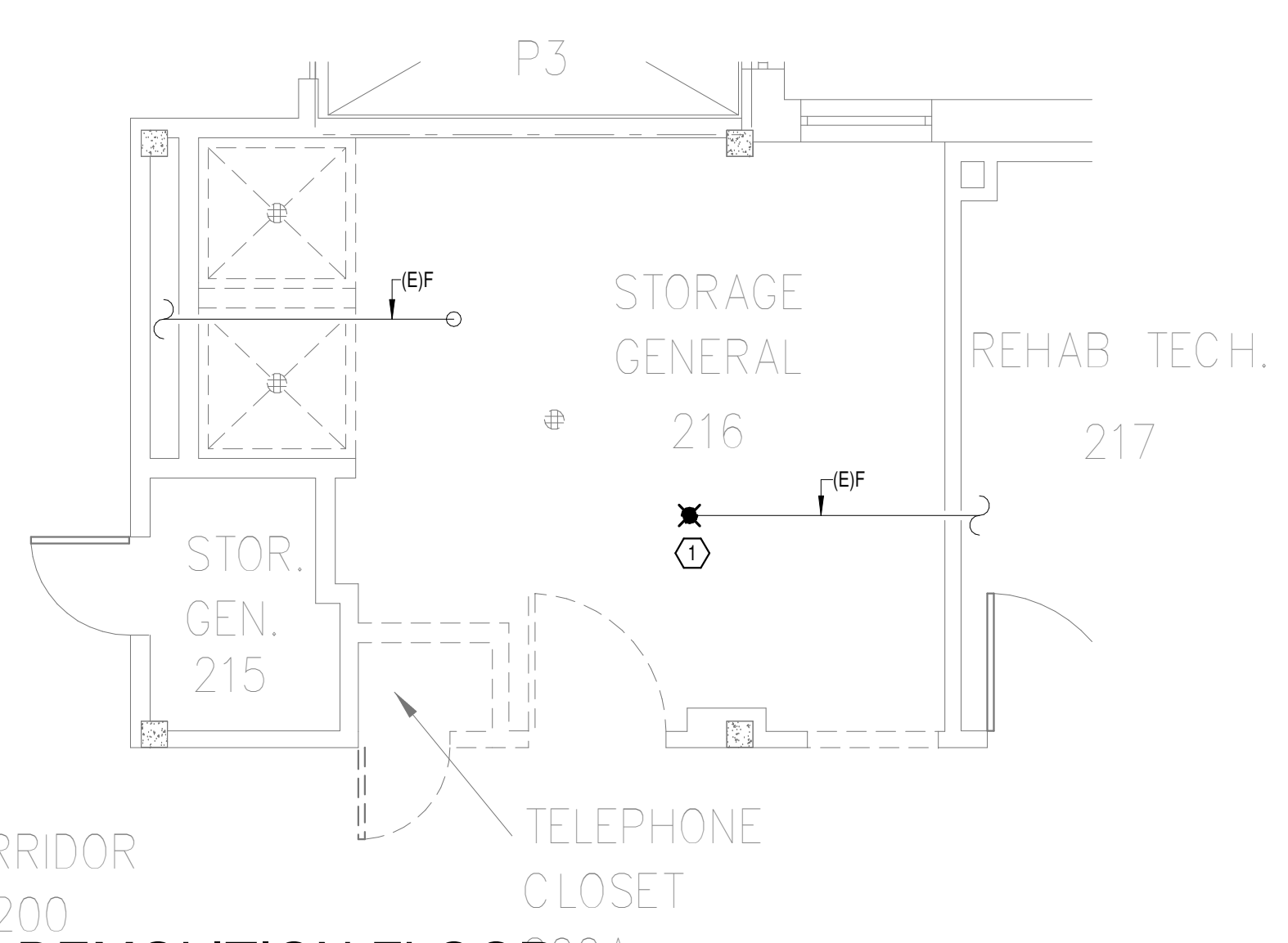
**SHEET NOTES:**

- 1. REMOVE EXISTING SPRINKLER HEAD FOR CEILING REMOVAL. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 2. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE 216. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 3. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
- 4. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION "LIGHT HAZARD". RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.



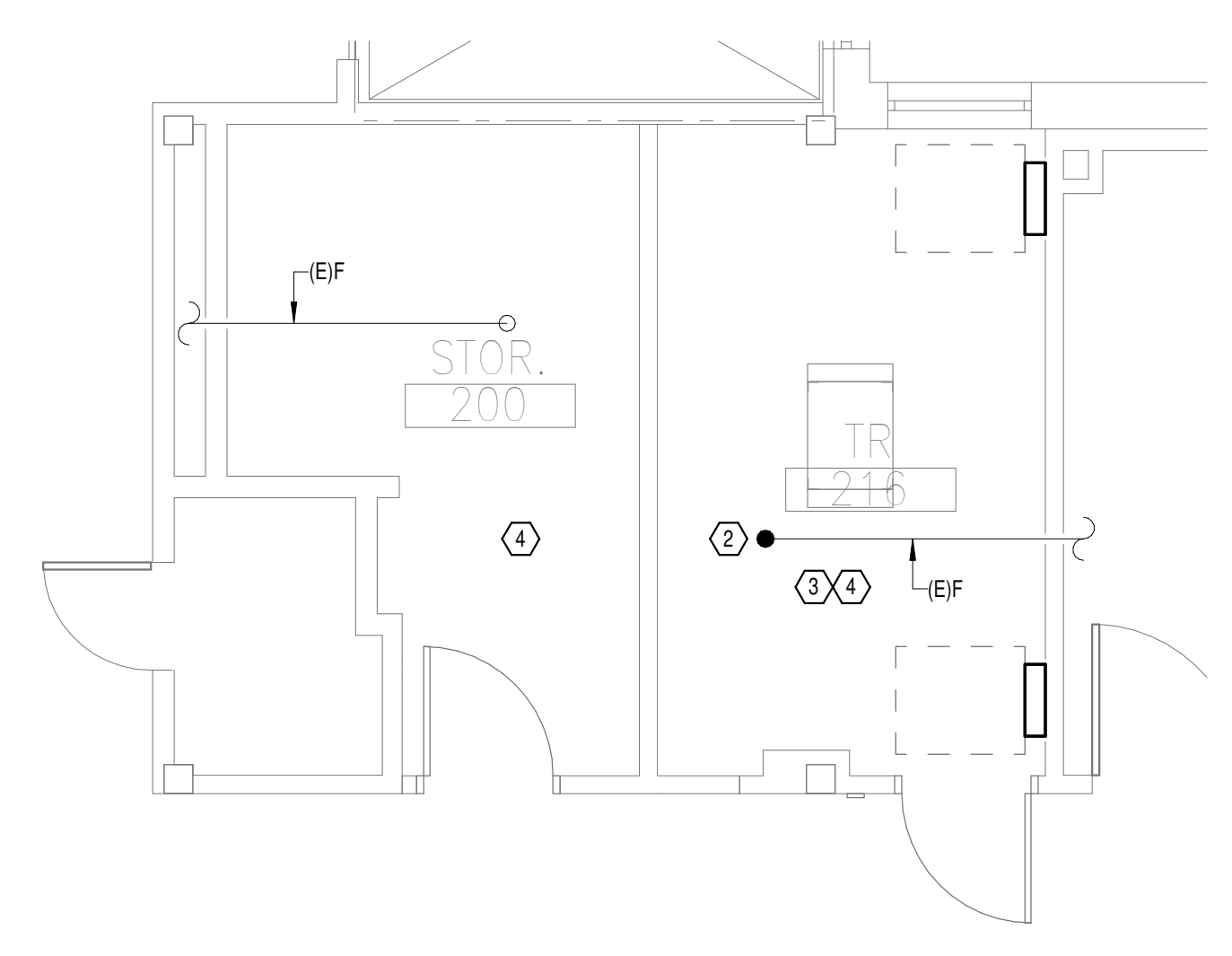
**OVERALL FLOOR PLAN  
LEVEL 02 - FIRE  
PROTECTION**

1  
1" = 10'-0"



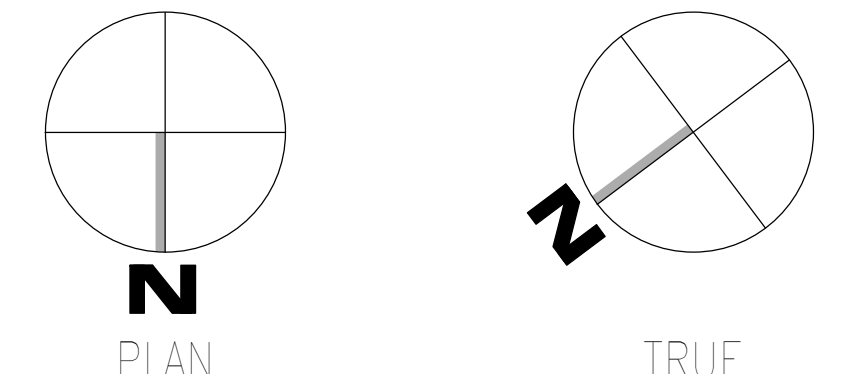
**DEMOLITION FLOOR  
PLAN LEVEL 02 - FIRE  
PROTECTION**

2  
1/4" = 1'-0"



**NEW FLOOR PLAN LEVEL  
02 - FIRE PROTECTION**

3  
1/4" = 1'-0"



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Revisions:	Date:

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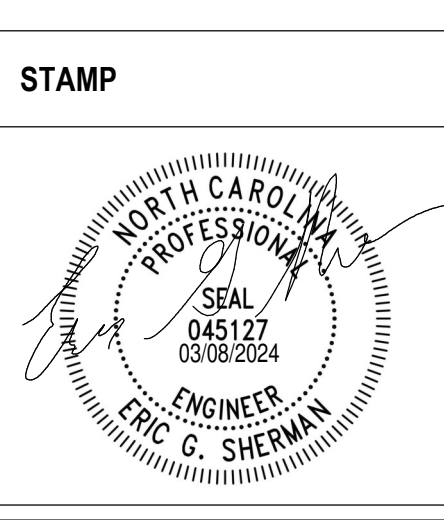
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 NC Architectural License No.: 51254



**Office of Construction and Facilities Management**

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**BUILDING 2 LEVEL 02 - FIRE PROTECTION**

Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

Project Title EHRM INFRASTRUCTURE UPGRADES		Project Number 679-20-104	
Location TUSCALOOSA VAMC, TUSCALOOSA, AL.		Building Number 2	
Issue Date 03/08/2024	Checked JKK	Drawn PCM	Drawing Number F-002.2

A

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**GENERAL NOTES:**

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**SHEET NOTES:**

- 1. EXISTING SPRINKLER HEAD SHALL REMAIN. INSTALL NEW MECHANICAL GUARDS. VERIFY COVERAGE REQUIREMENTS.
- 2. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
- 3. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION "LIGHT HAZARD", RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.

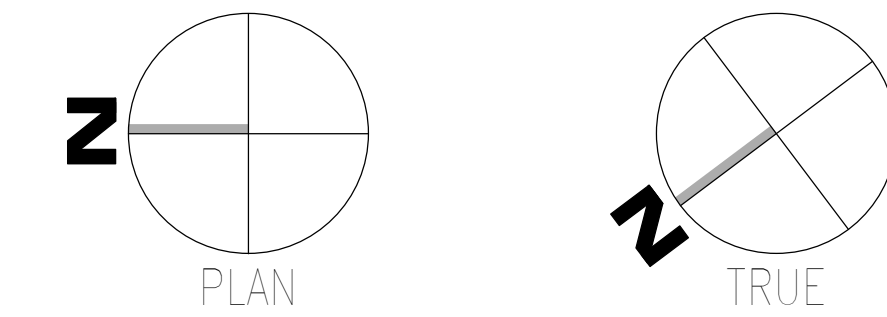


**OVERALL FLOOR PLAN  
GROUND LEVEL - FIRE  
PROTECTION**  
1  
1/4" = 20'-0"



**DEMOLITION FLOOR  
PLAN GROUND FLOOR -  
FIRE PROTECTION**  
2  
1/4" = 1'-0"

**NEW FLOOR PLAN  
GROUND FLOOR - FIRE  
PROTECTION**  
3  
1/4" = 1'-0"



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**CONSULTANT**

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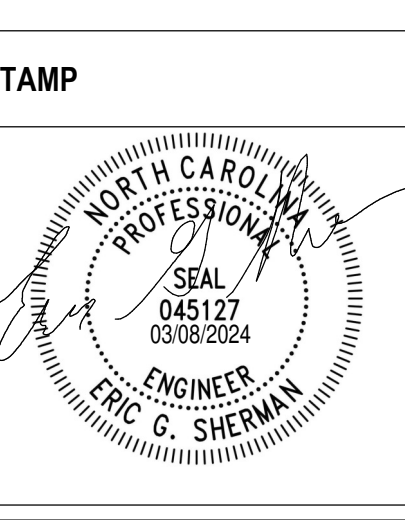
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**Office of Construction and Facilities Management**

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**BUILDING 3 GROUND LEVEL - FIRE PROTECTION**

Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

Project Title  
**EHRM INFRASTRUCTURE UPGRADES**

Project Number  
**679-20-104**

Building Number  
**3**

Location  
**TUSCALOOSA VAMC, TUSCALOOSA, AL.**

Issue Date  
**03/08/2024**

Checked  
**JKK**

Drawn  
**PCM**

Drawing Number  
**F-003.G**

A

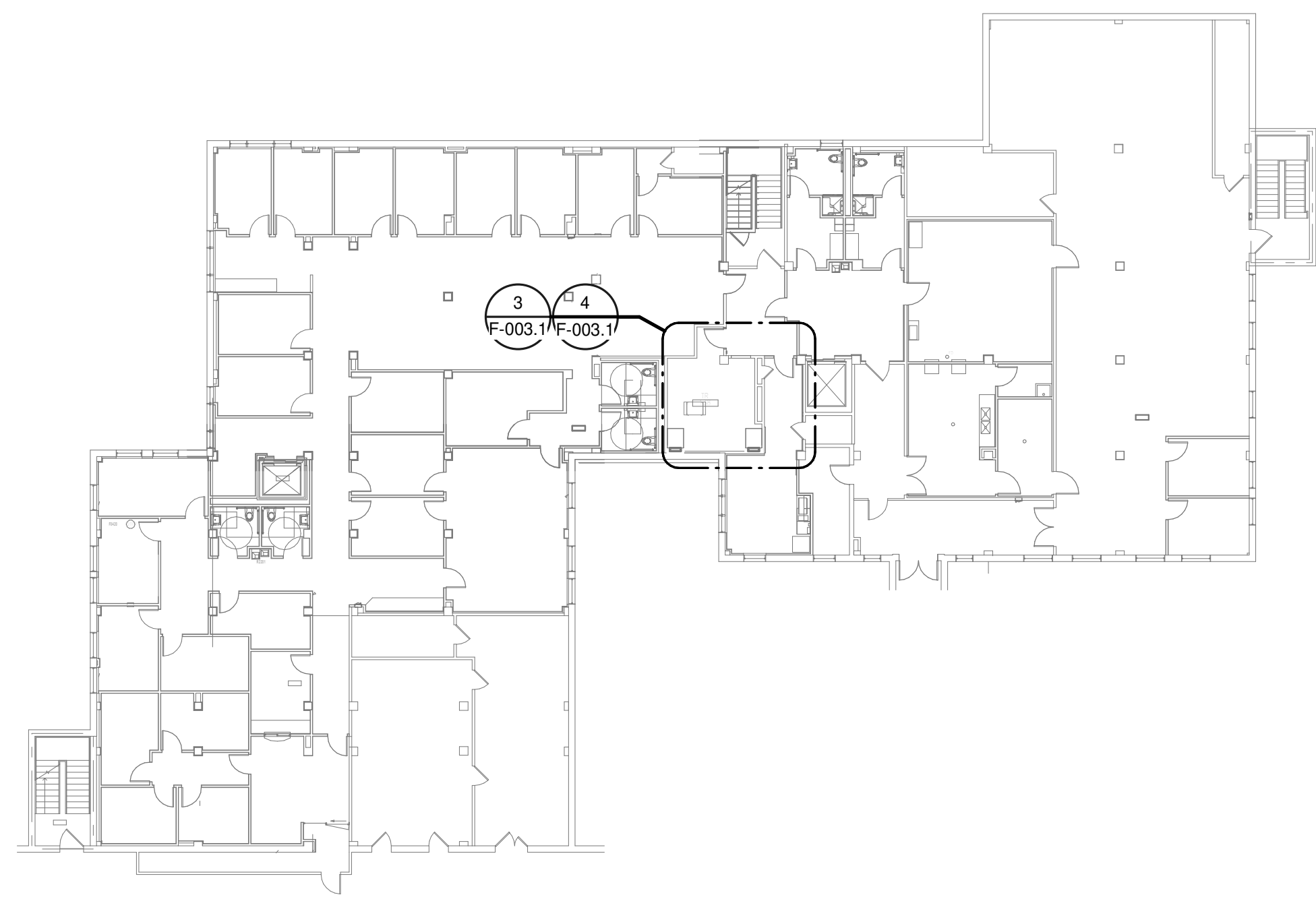
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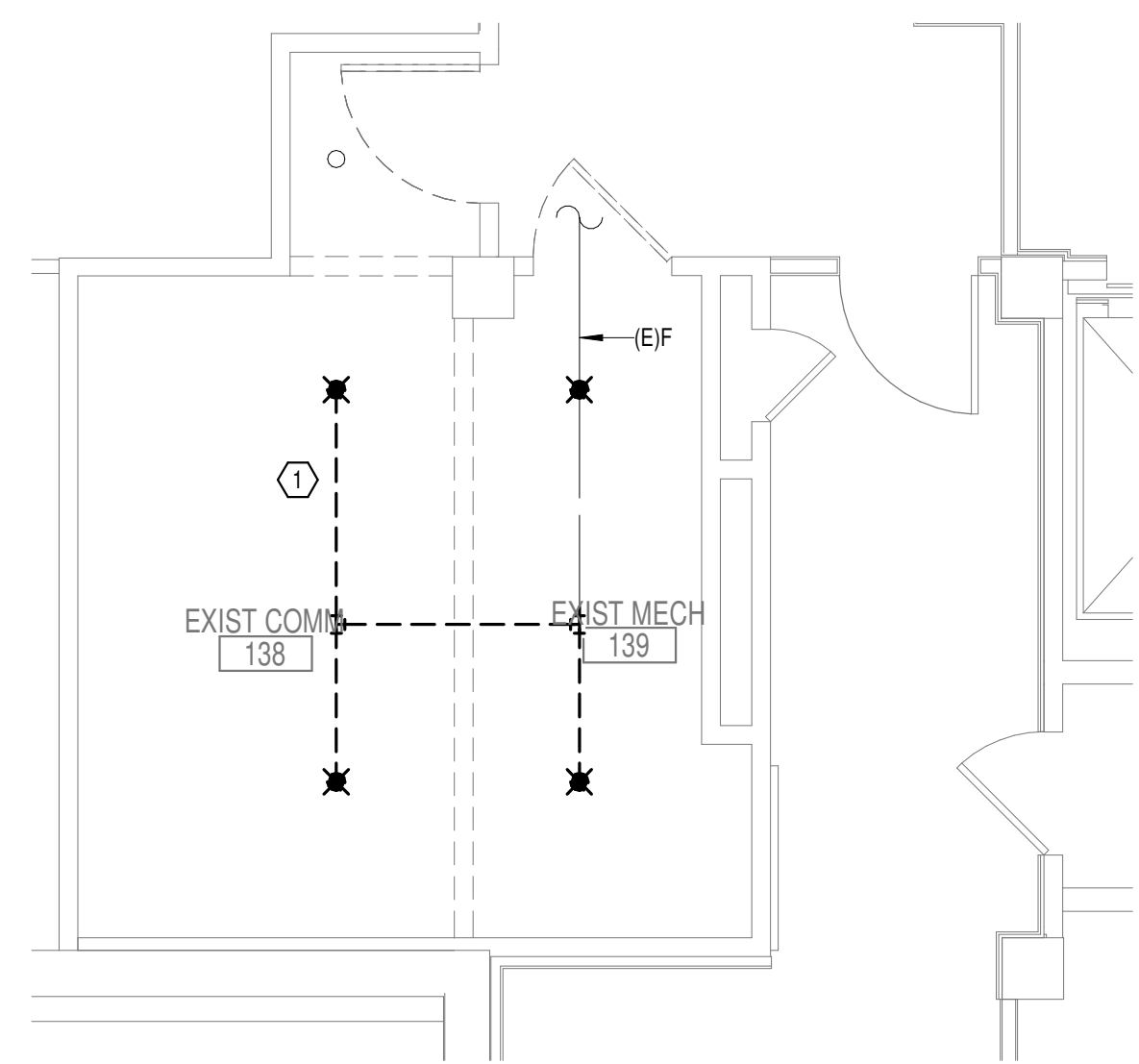
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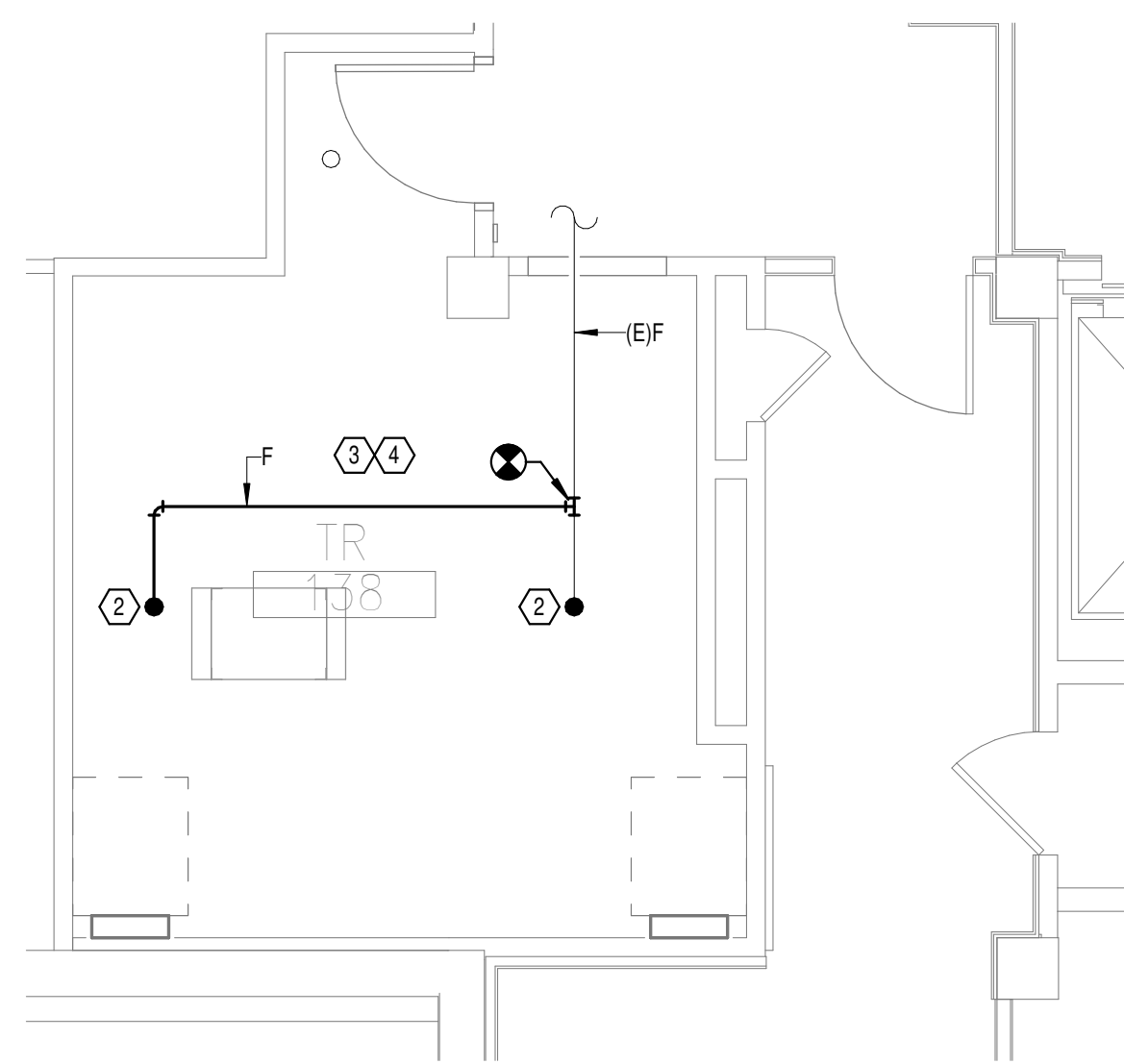
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**OVERALL FLOOR PLAN  
LEVEL 01 - FIRE  
PROTECTION**  
1 1" = 20'-0"



**DEMOLITION FLOOR  
PLAN LEVEL 01 - FIRE  
PROTECTION**  
4 1/4" = 1'-0"



**NEW FLOOR PLAN LEVEL  
01 - FIRE PROTECTION**  
3 1/4" = 1'-0"

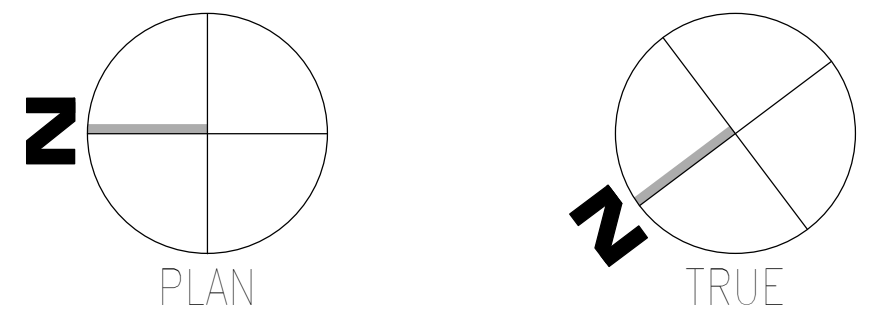
**GENERAL NOTES:**

- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
- B. ON DEMOLITION PLANS; EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED. EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
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- 2. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE 138. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 3. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
- 4. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION "LIGHT HAZARD". RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND IA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.

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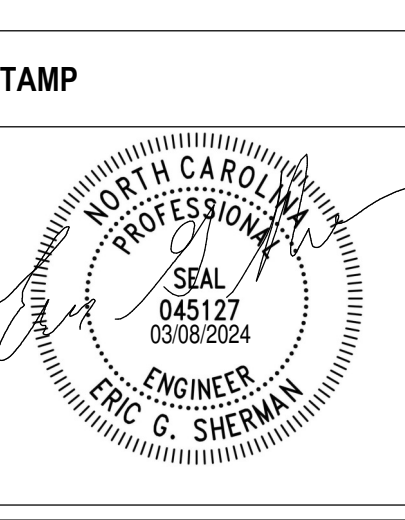
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**Office of Construction and Facilities Management**

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**BUILDING 3 LEVEL 01 - FIRE PROTECTION**

Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

Project Title  
**EHRM INFRASTRUCTURE UPGRADES**

Location  
**TUSCALOOSA VAMC, TUSCALOOSA, AL.**

Issue Date  
**03/08/2024**

Checked  
**JKK**

Drawn  
**PCM**

Project Number  
**679-20-104**

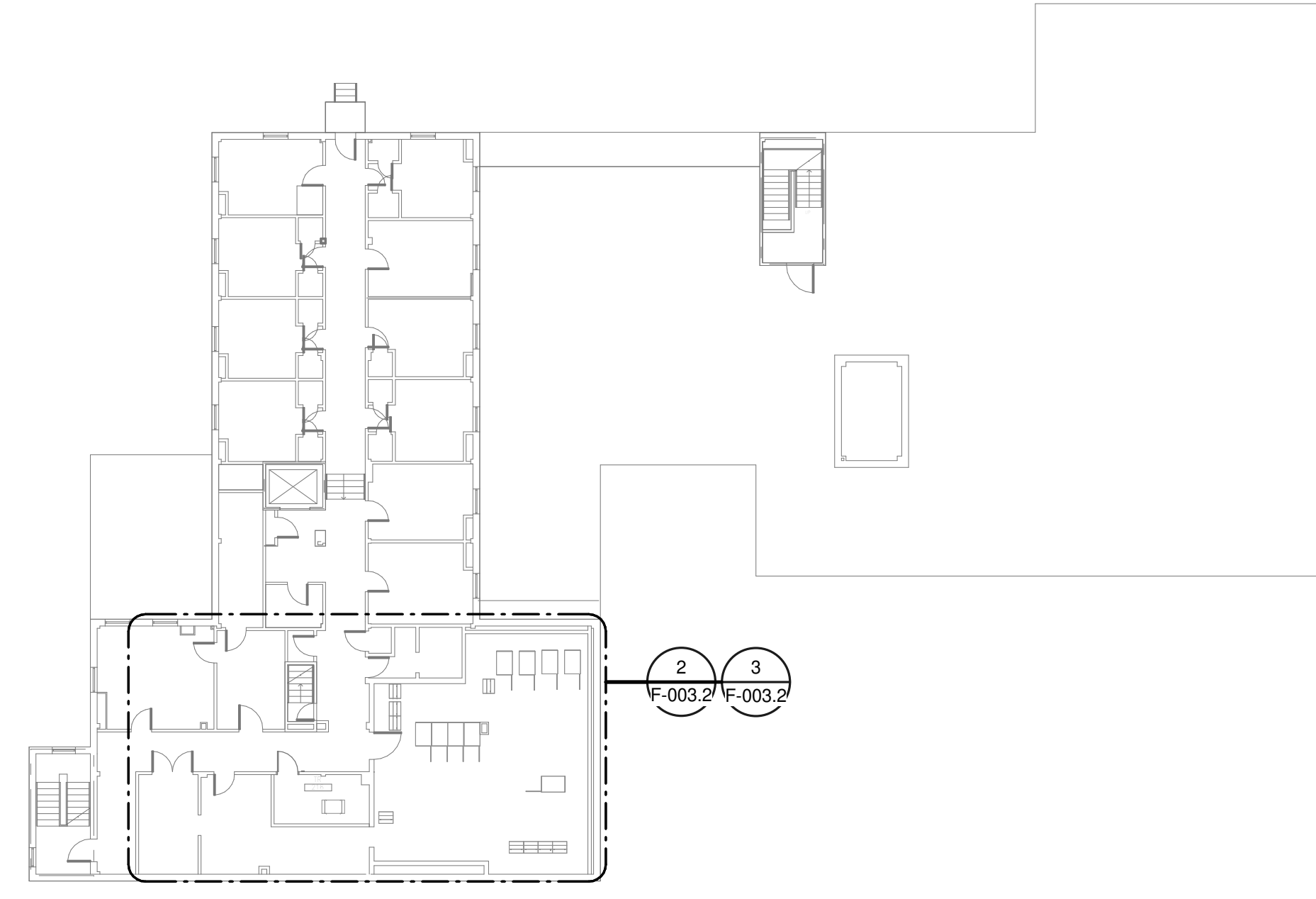
Building Number  
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Drawing Number  
**F-003.1**

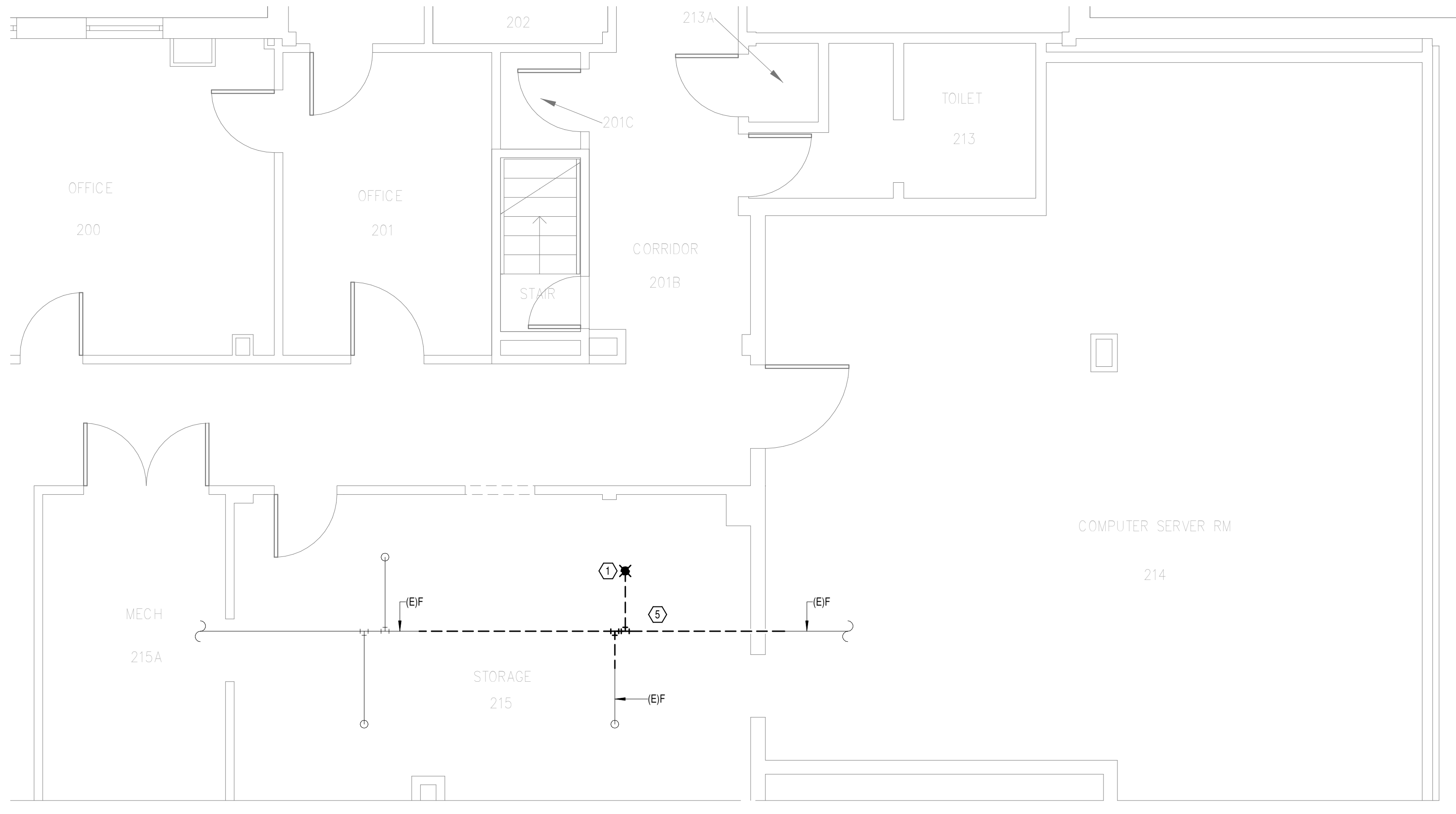
A  
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- GENERAL NOTES:**
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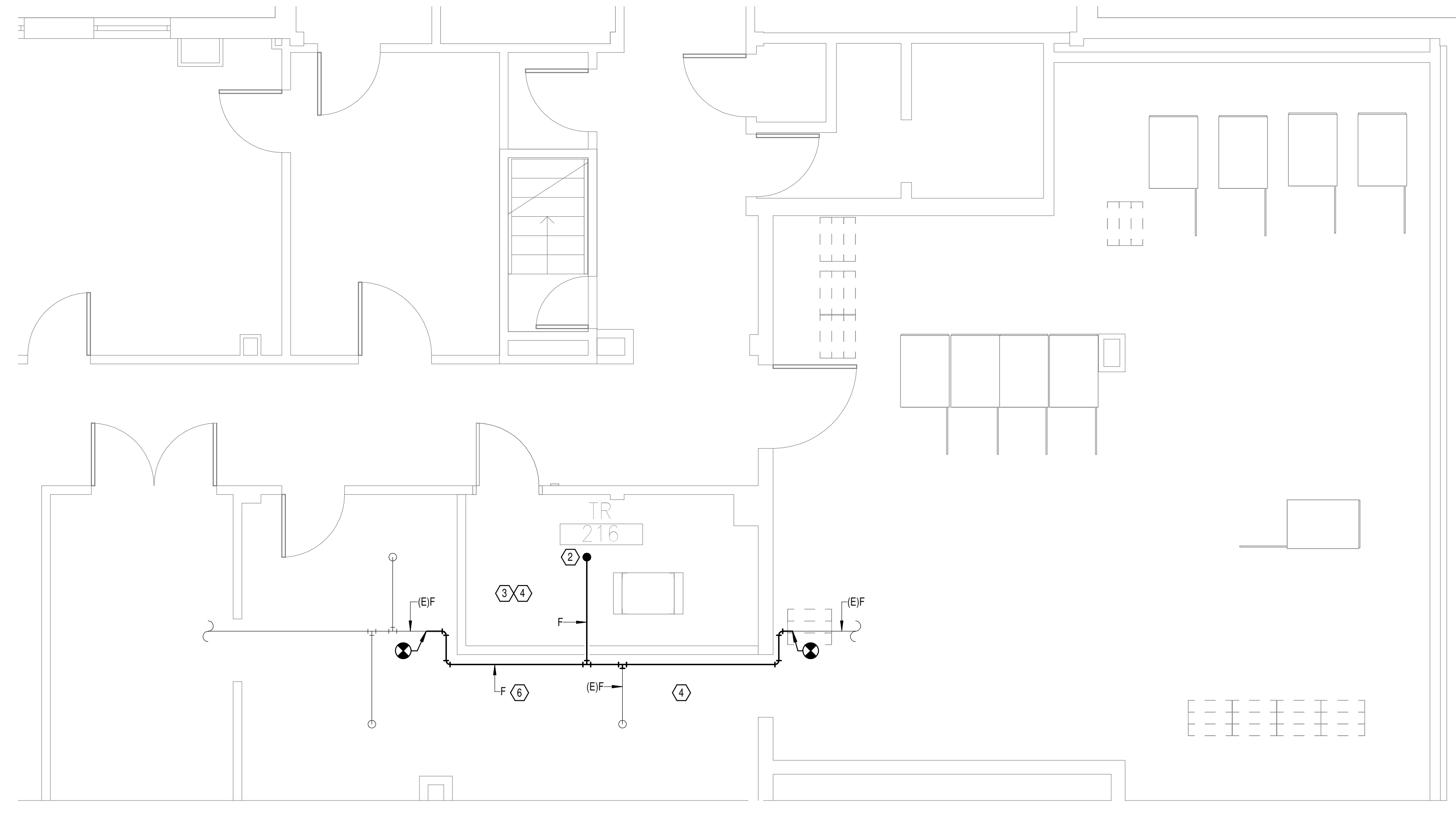
- SHEET NOTES:**
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  2. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE 216. TIE WET SPRINKLER PIPE INTO THE LEVEL TWO TAMPER AND FLOW SWITCH WET ZONE UPSTREAM OF THE DRY PIPE SYSTEM. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
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  4. AREA OF EXISTING SPRINKLER COVERAGE: HAZARD CLASSIFICATION "LIGHT HAZARD". RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.
  5. DEMOLISH FIRE PROTECTION PIPING BACK TO BOUNDARY OF NEW TR.
  6. REROUTE FIRE PROTECTION BRANCH OUTSIDE OF TR.



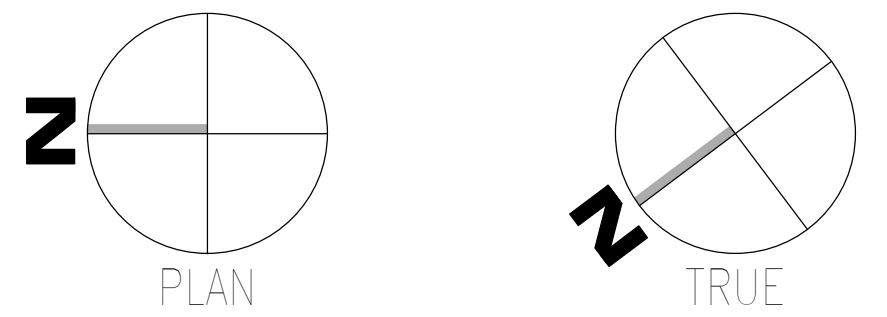
**OVERALL FLOOR PLAN  
LEVEL 02 - FIRE  
PROTECTION**  
1  
1" = 20'-0"



**DEMOLITION FLOOR  
PLAN LEVEL 02 - FIRE  
PROTECTION**  
2  
1/4" = 1'-0"



**NEW FLOOR PLAN LEVEL  
02 - FIRE PROTECTION**  
3  
1/4" = 1'-0"



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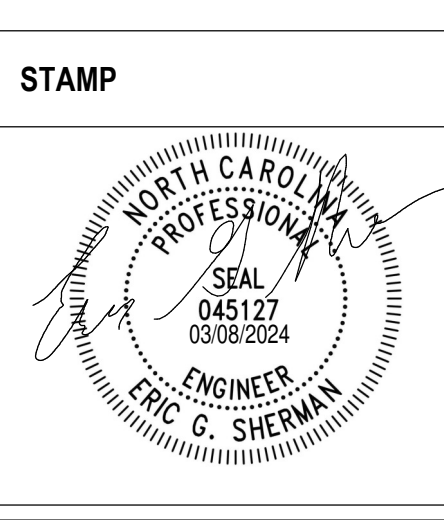
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Fax: 828.315.9964

NC Engineering License No.: P-0214  
NC Architectural License No.: 51254



**Office of Construction and Facilities Management**

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**BUILDING 3 LEVEL 02 - FIRE PROTECTION**

Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

Project Title  
**EHRM INFRASTRUCTURE UPGRADES**

Location  
**TUSCALOOSA VAMC, TUSCALOOSA, AL.**

Issue Date  
**03/08/2024**

Checked  
**JKK**

Drawn  
**PCM**

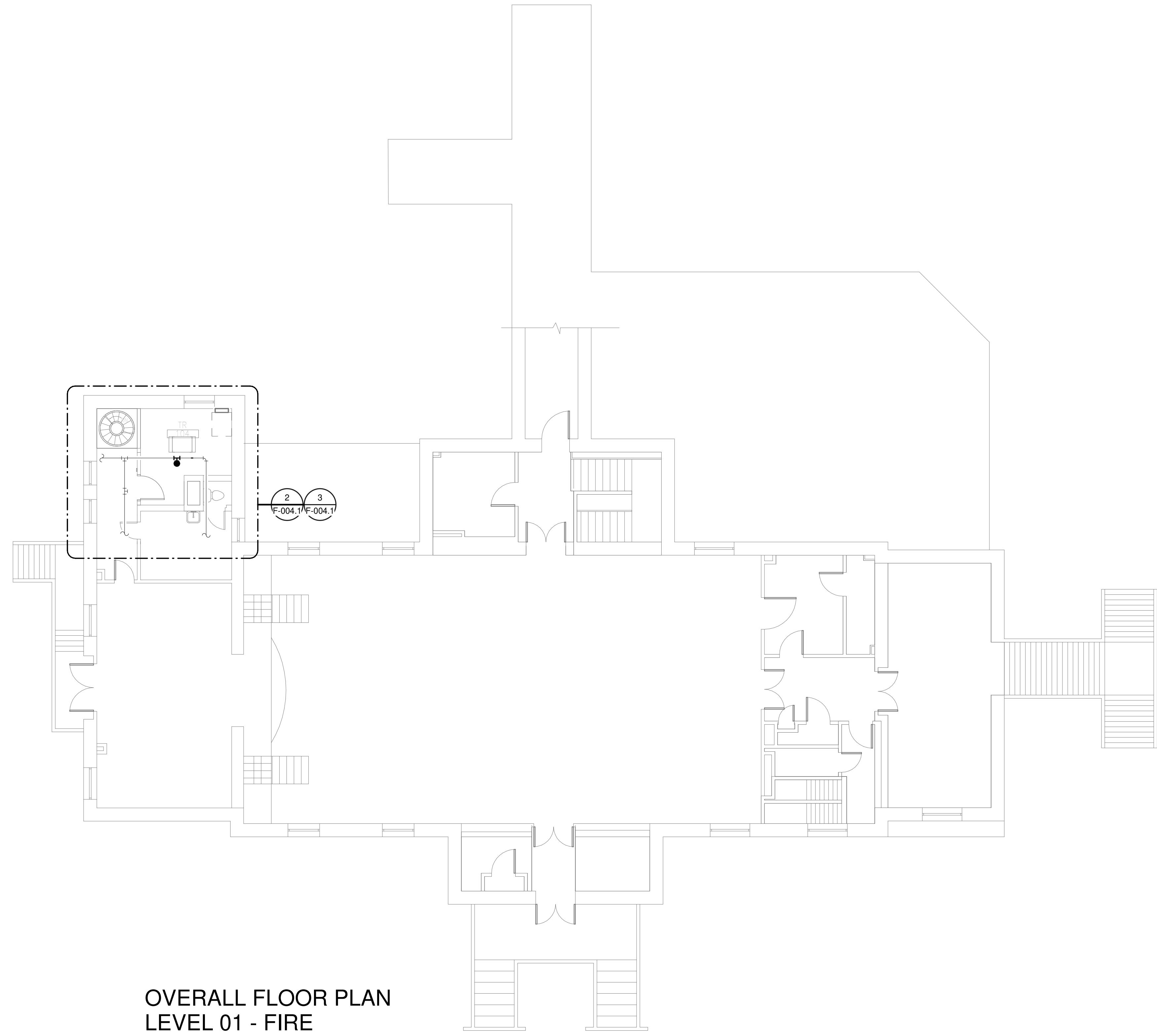
Project Number  
**679-20-104**

Building Number  
**3**

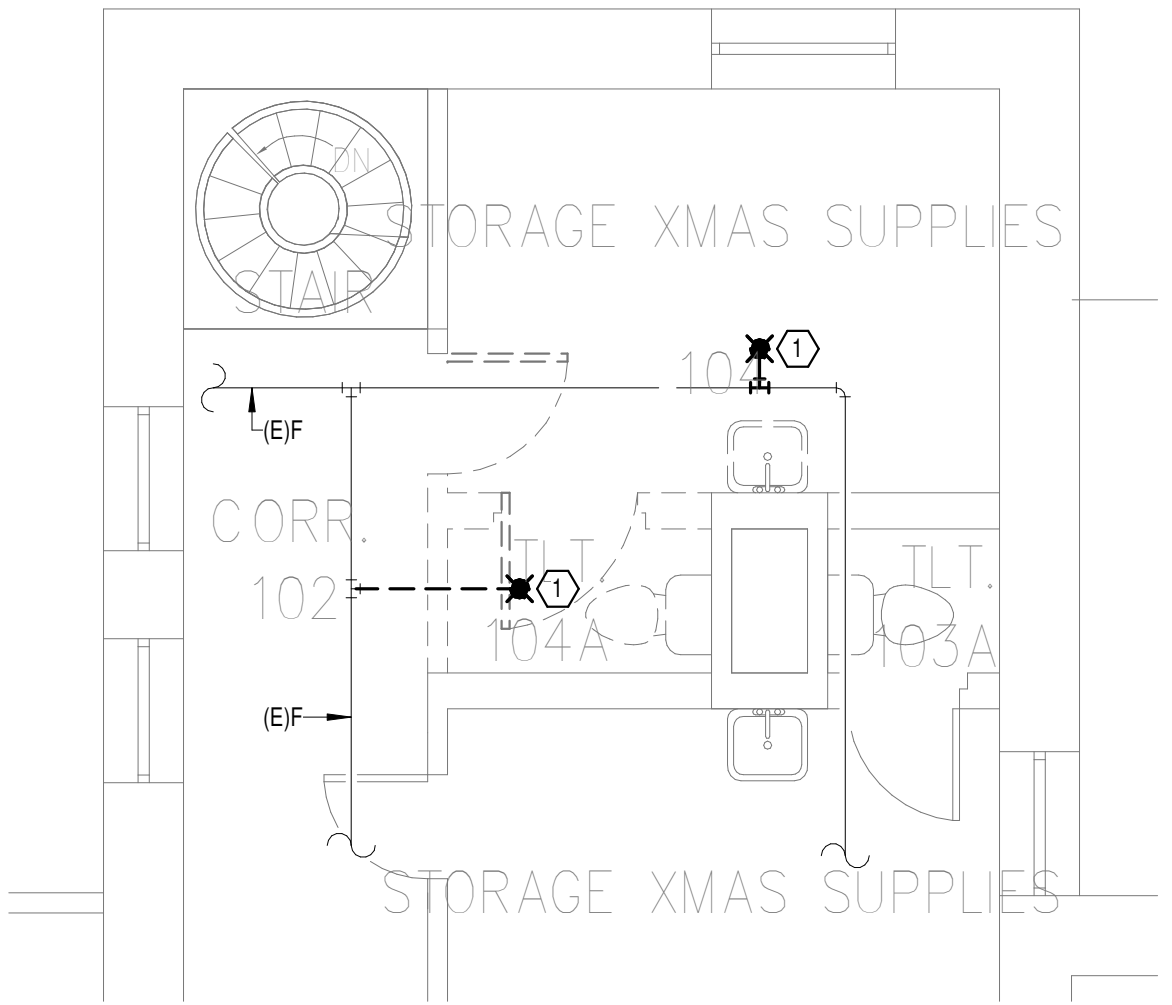
Drawing Number  
**F-003.2**

- GENERAL NOTES:**
- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
  - B. ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED, EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
  - C. UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
  - D. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.

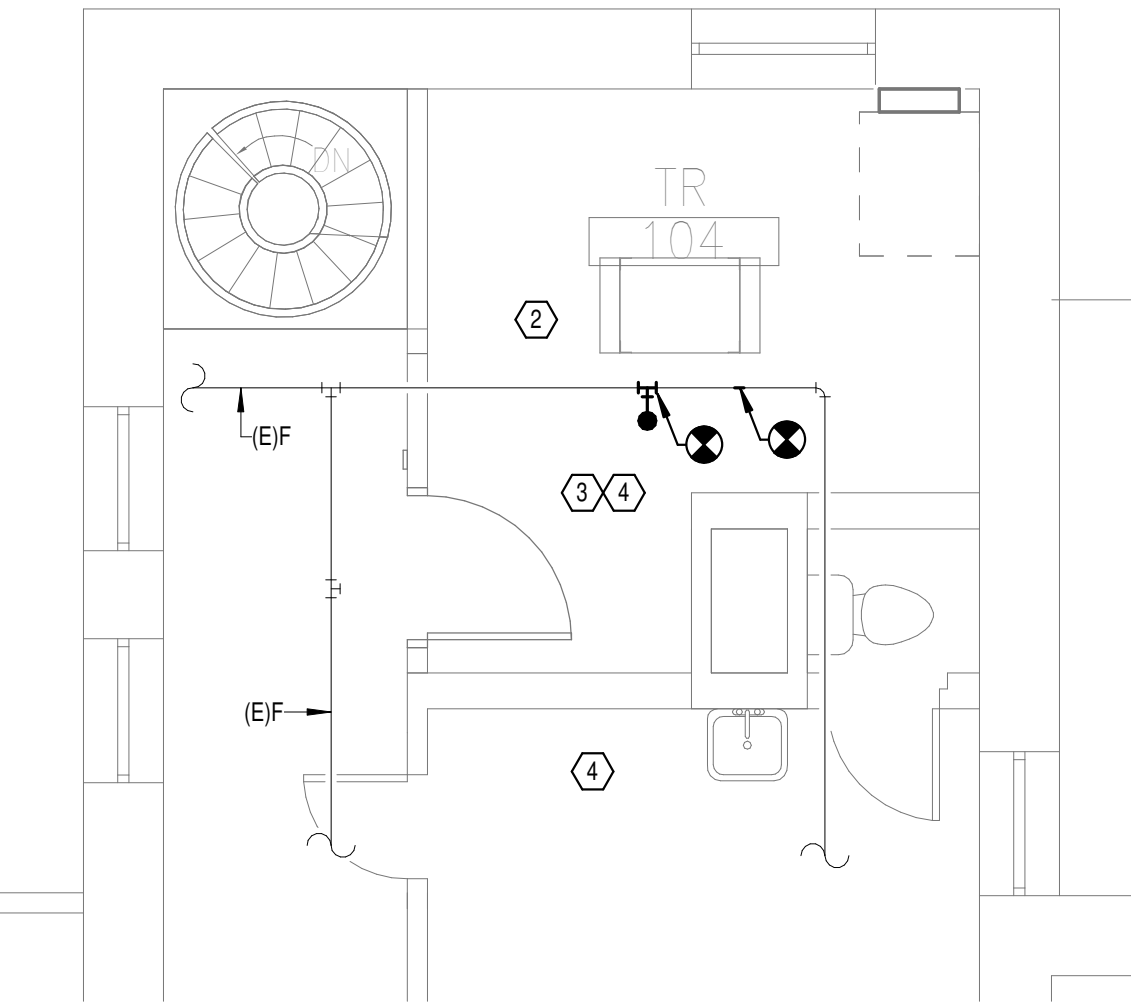
- SHEET NOTES:**
1. DEMOLISH EXISTING SPRINKLER HEAD FOR CEILING REMOVAL AND SPRINKLER PIPE TO POINT INDICATED. REFER TO NEW WORK PLANS FOR INSTALLATION OF NEW UPRIGHT HEADS, REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
  2. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE 104. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
  3. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
  4. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION "LIGHT HAZARD". RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.



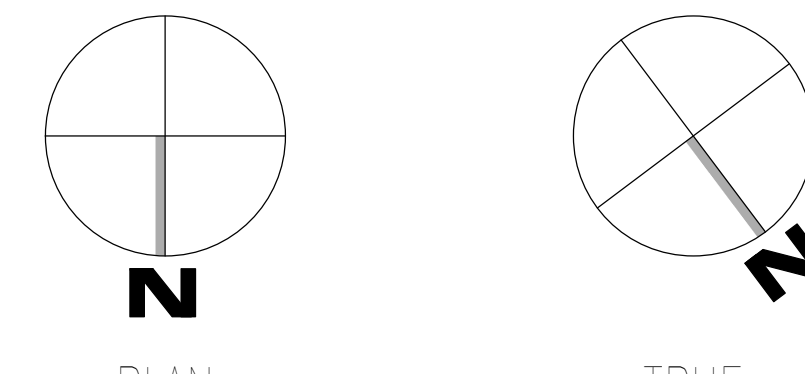
**OVERALL FLOOR PLAN  
LEVEL 01 - FIRE  
PROTECTION**  
1 1/8" = 1'-0"



**DEMOLITION FLOOR  
PLAN LEVEL 01 - FIRE  
PROTECTION**  
2 1/4" = 1'-0"



**NEW FLOOR PLAN LEVEL  
01 - FIRE PROTECTION**  
3 1/4" = 1'-0"



Autodesk: 2023/05/08 - VA Tuscaloosa EHRM Infrastructure Upgrades/2023/05/08 - VA EHRM Tuscaloosa R50\_B004.rvt  
 08-03-2024 14:01:58  
 VA FORM 08 - 6231

Revisions:	Date:

**CONSULTANT**

**WileyWilson**  
127 Nationwide Drive  
Lynchburg, VA 24502  
Phone: 434.947.1901  
www.wileywilson.com

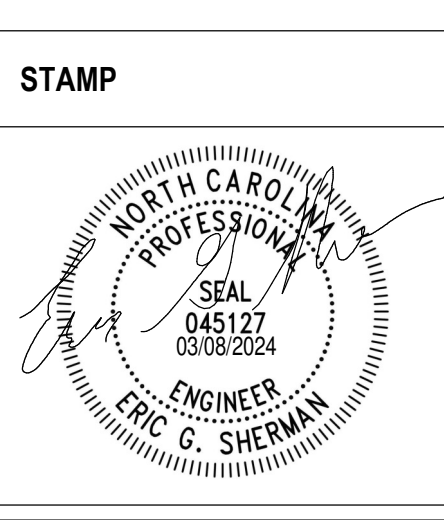
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NC Architectural License No.: 51254



**Office of Construction and Facilities Management**

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**BUILDING 4 LEVEL 01 - FIRE PROTECTION**

Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

Project Title EHRM INFRASTRUCTURE UPGRADES	Project Number 679-20-104
Location TUSCALOOSA VAMC, TUSCALOOSA, AL.	Building Number 4
Issue Date 03/08/2024	Checked JKK
Drawn PCM	Drawing Number F-004.1

A

B

C

D

E

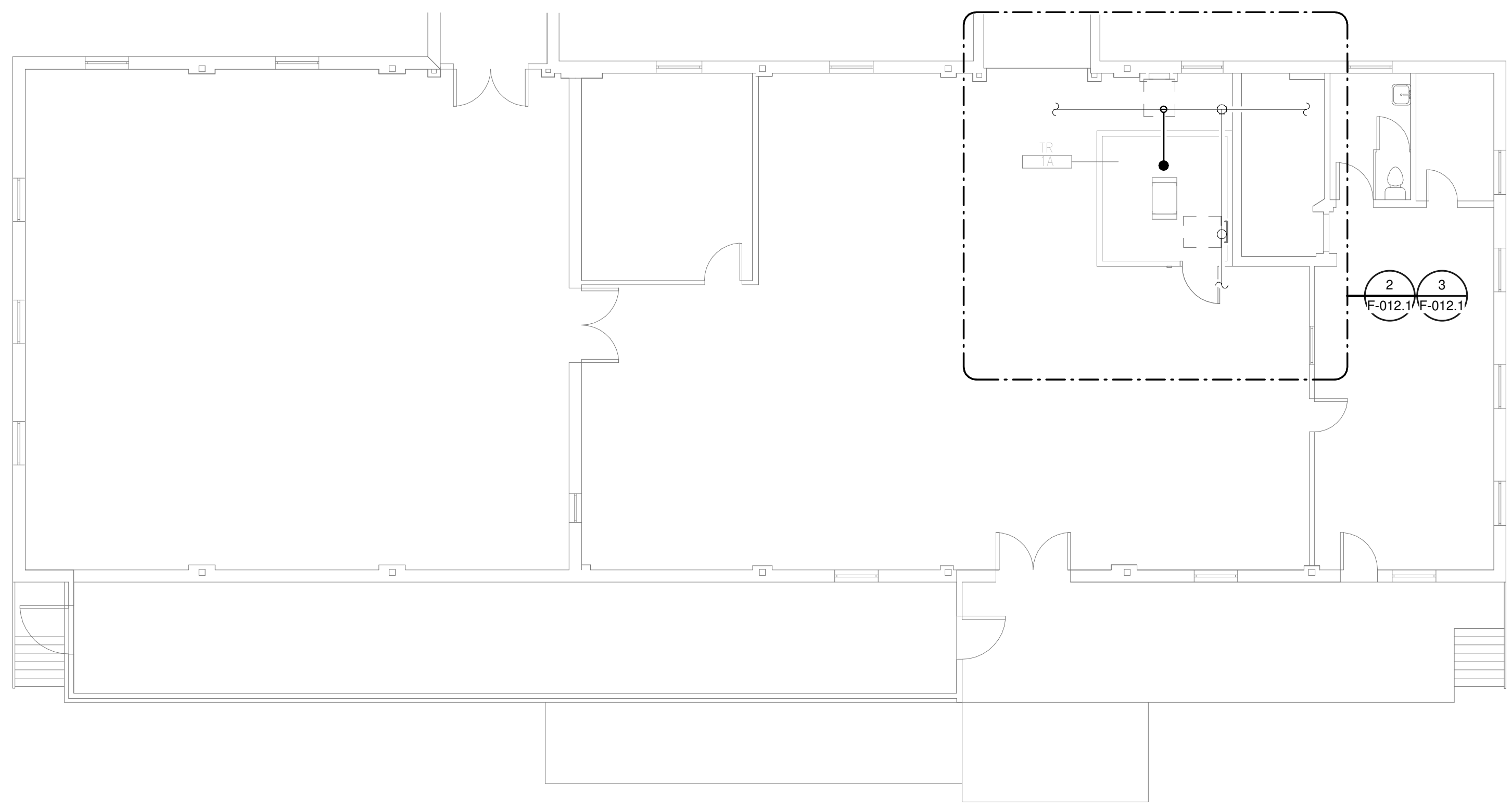
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**GENERAL NOTES:**

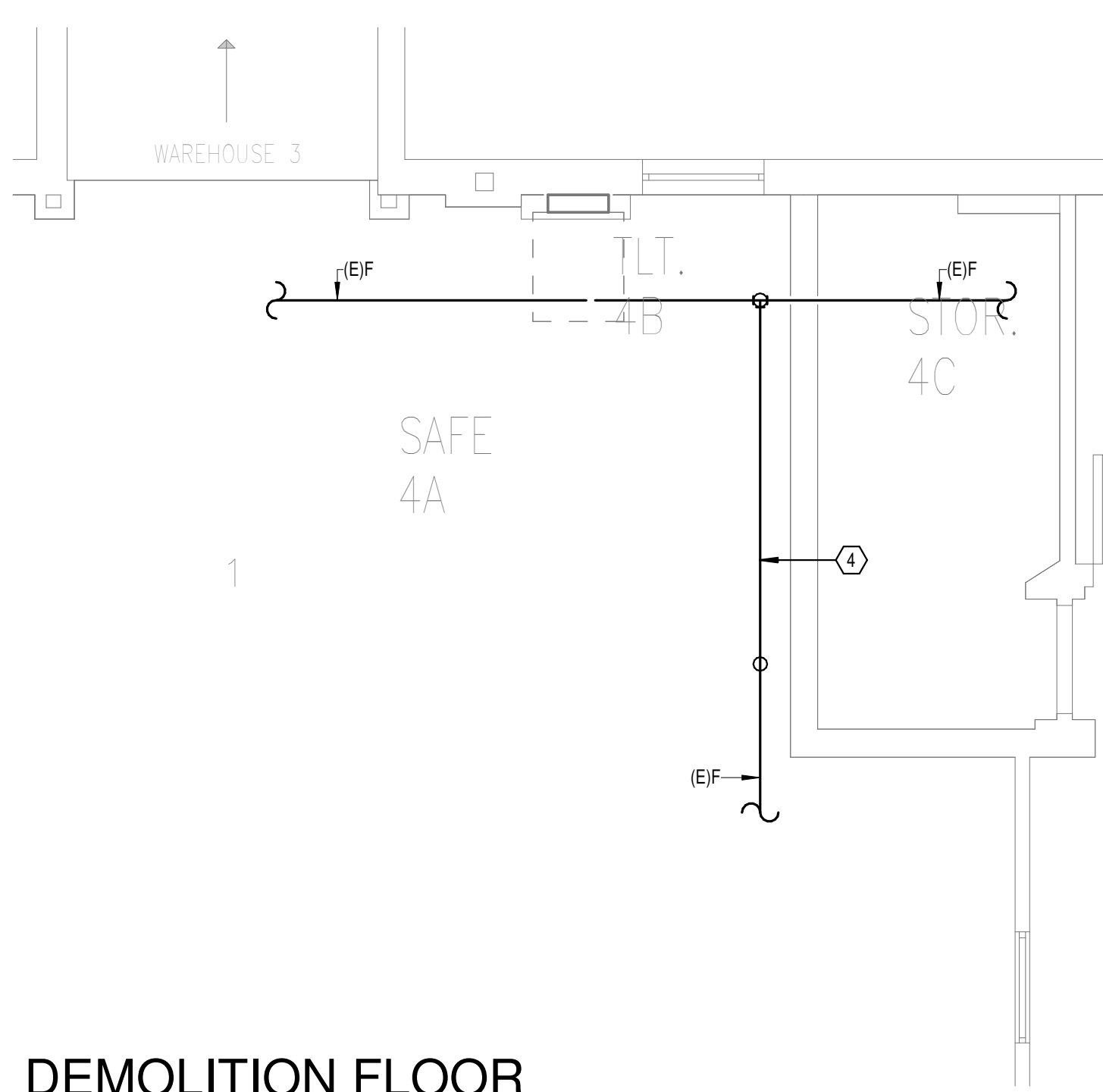
- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
- B. ON DEMOLITION PLANS; EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED. EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
- C. UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
- D. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.

**SHEET NOTES:**

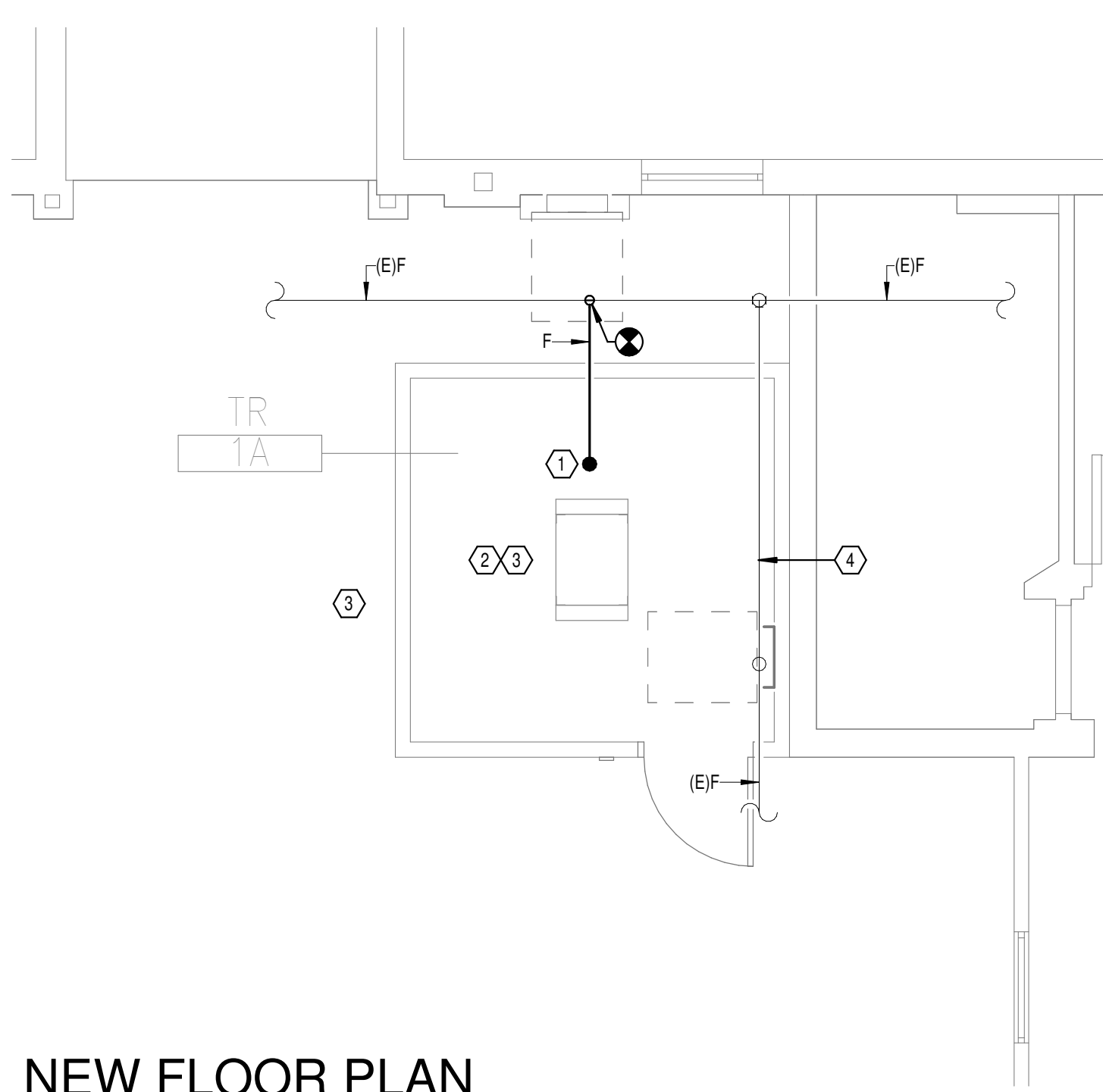
- 1. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE 1A. VERIFY COVERAGE REQUIREMENTS.
- 2. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
- 3. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION "LIGHT HAZARD", RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND IA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.
- 4. EXISTING SPRINKLER PIPING IS ROUTED TIGHT TO STRUCTURE ABOVE.



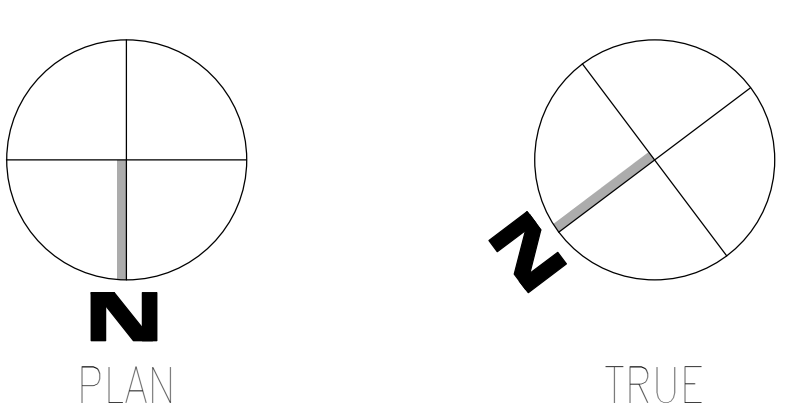
**OVERALL FLOOR PLAN  
LEVEL 01 - FIRE  
PROTECTION**  
1  
1/8" = 1'-0"



**DEMOLITION FLOOR  
PLAN BASEMENT - FIRE  
PROTECTION**  
2  
1/4" = 1'-0"



**NEW FLOOR PLAN  
BASEMENT - FIRE  
PROTECTION**  
3  
1/4" = 1'-0"



Autodesk: C:\Users\202075.008\VA-Tuscaloosa\EHRM Infrastructure Upgrades\202075.008\_VA-EHRM-Tuscaloosa-R50\_001.rvt  
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 VA FORM 08 - 6231

Revisions:	Date:

**CONSULTANT**

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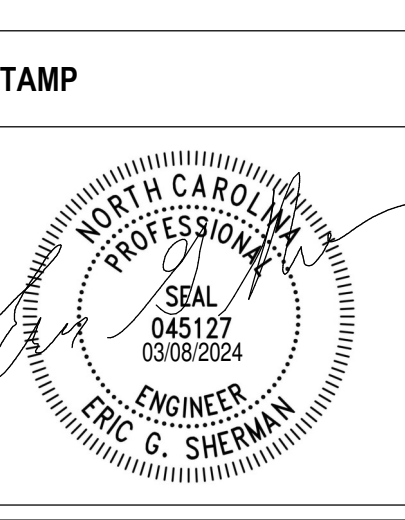
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Office of  
Construction  
and Facilities  
Management

**VA** U.S. Department  
of Veterans Affairs

Drawing Title  
**BUILDING 12 LEVEL 01 - FIRE  
PROTECTION**

Approved:

Phase  
**100% CONSTRUCTION  
DOCUMENTS**

**FULLY SPRINKLERED**

Project Title EHRM INFRASTRUCTURE UPGRADES	Project Number 679-20-104
Location TUSCALOOSA VAMC, TUSCALOOSA, AL.	Building Number 12
Issue Date 03/08/2024	Checked JKK
Drawn PCM	Drawing Number F-012.1



**GENERAL NOTES:**

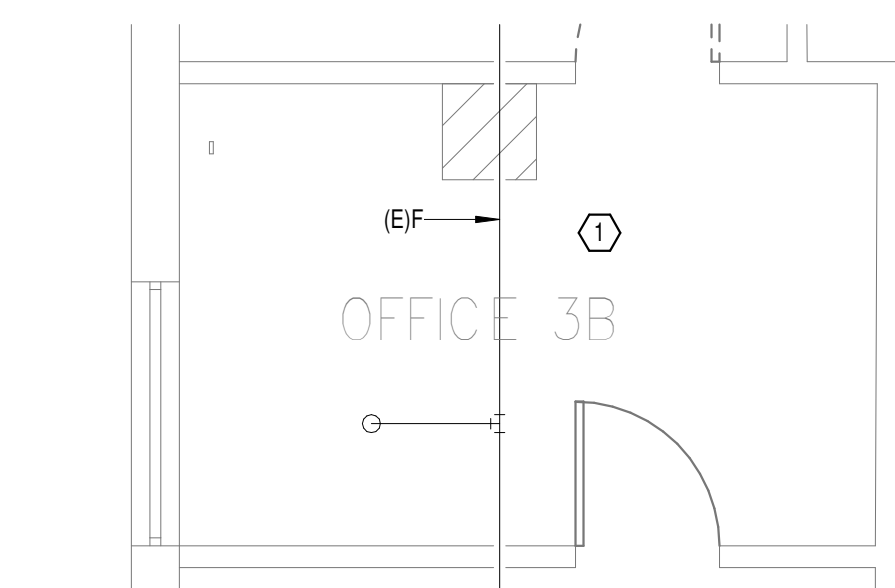
- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
- B. ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED. EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
- C. UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
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**SHEET NOTES:**

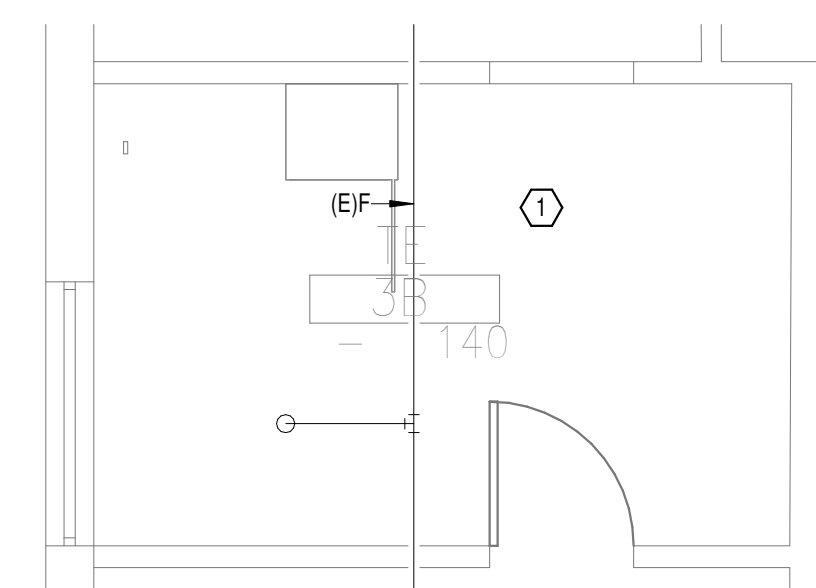
- 1. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION "LIGHT HAZARD", RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.



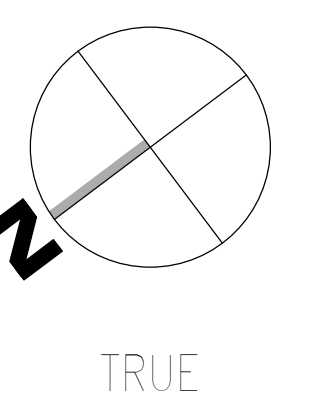
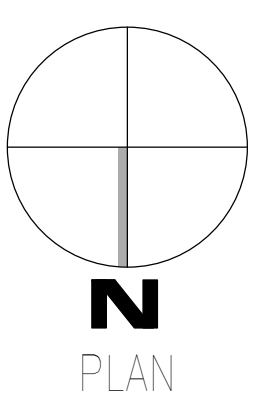
**1**  
OVERALL FLOOR PLAN  
GROUND LEVEL - FIRE  
PROTECTION  
1/8" = 1'-0"



**2**  
DEMOLITION FLOOR PLAN  
GROUND LEVEL - FIRE  
PROTECTION  
1/4" = 1'-0"



**3**  
NEW FLOOR PLAN  
GROUND LEVEL - FIRE  
PROTECTION  
1/4" = 1'-0"



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08-03-2024 14:47:42

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03/08/2024  
ENGINEER  
ERIC C. SHERMAN

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

Drawing Title  
**BUILDING 17 GROUND LEVEL - FIRE PROTECTION**

Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

Project Title  
**EHRM INFRASTRUCTURE UPGRADES**

Location  
**TUSCALOOSA VAMC, TUSCALOOSA, AL.**

Issue Date  
**03/08/2024**

Checked  
**JKK**

Drawn  
**PCM**

Project Number  
**179-20-104**

Building Number  
**17**

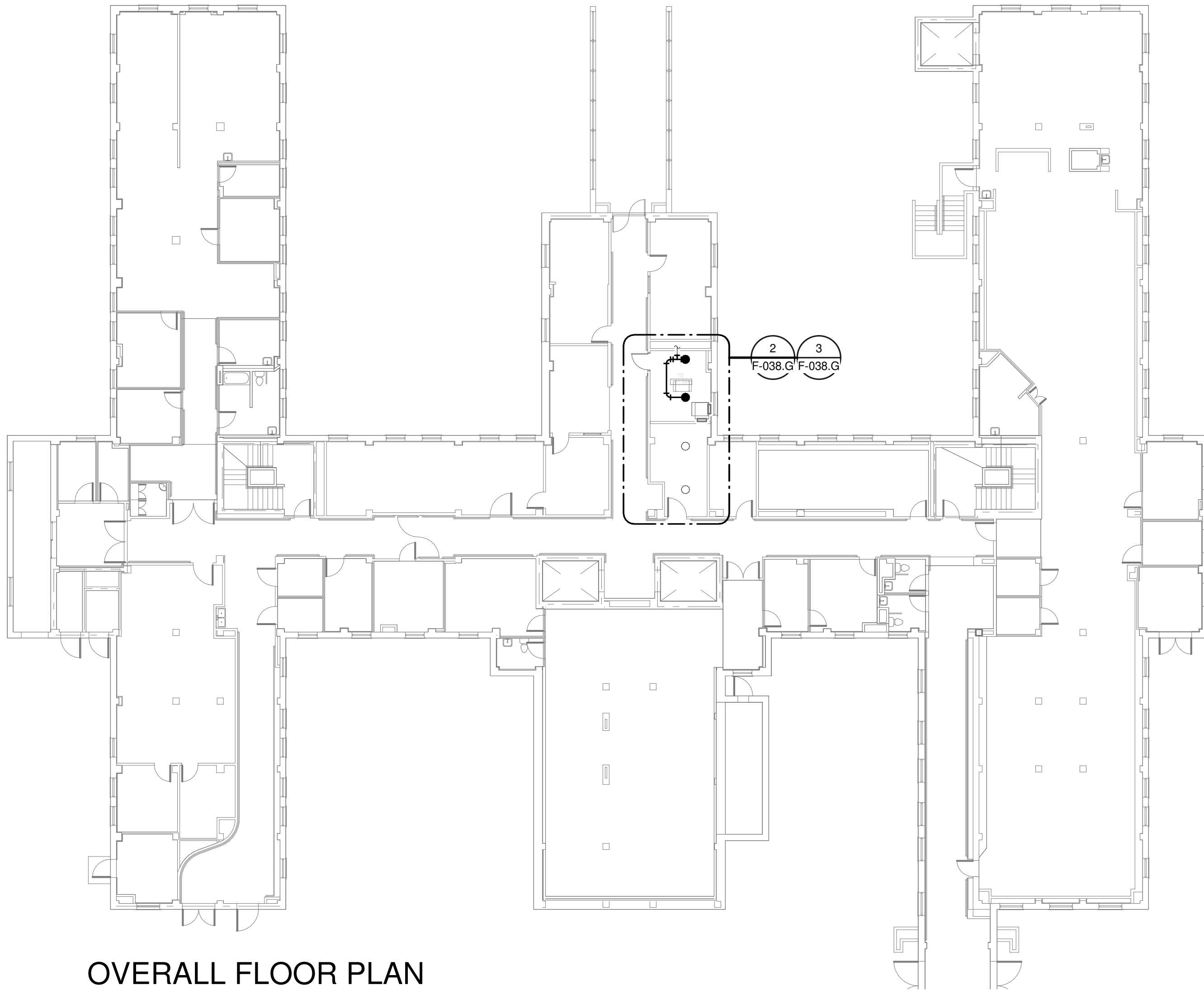
Drawing Number  
**F-017.G**

**GENERAL NOTES:**

- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
- B. ON DEMOLITION PLANS; EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED. EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
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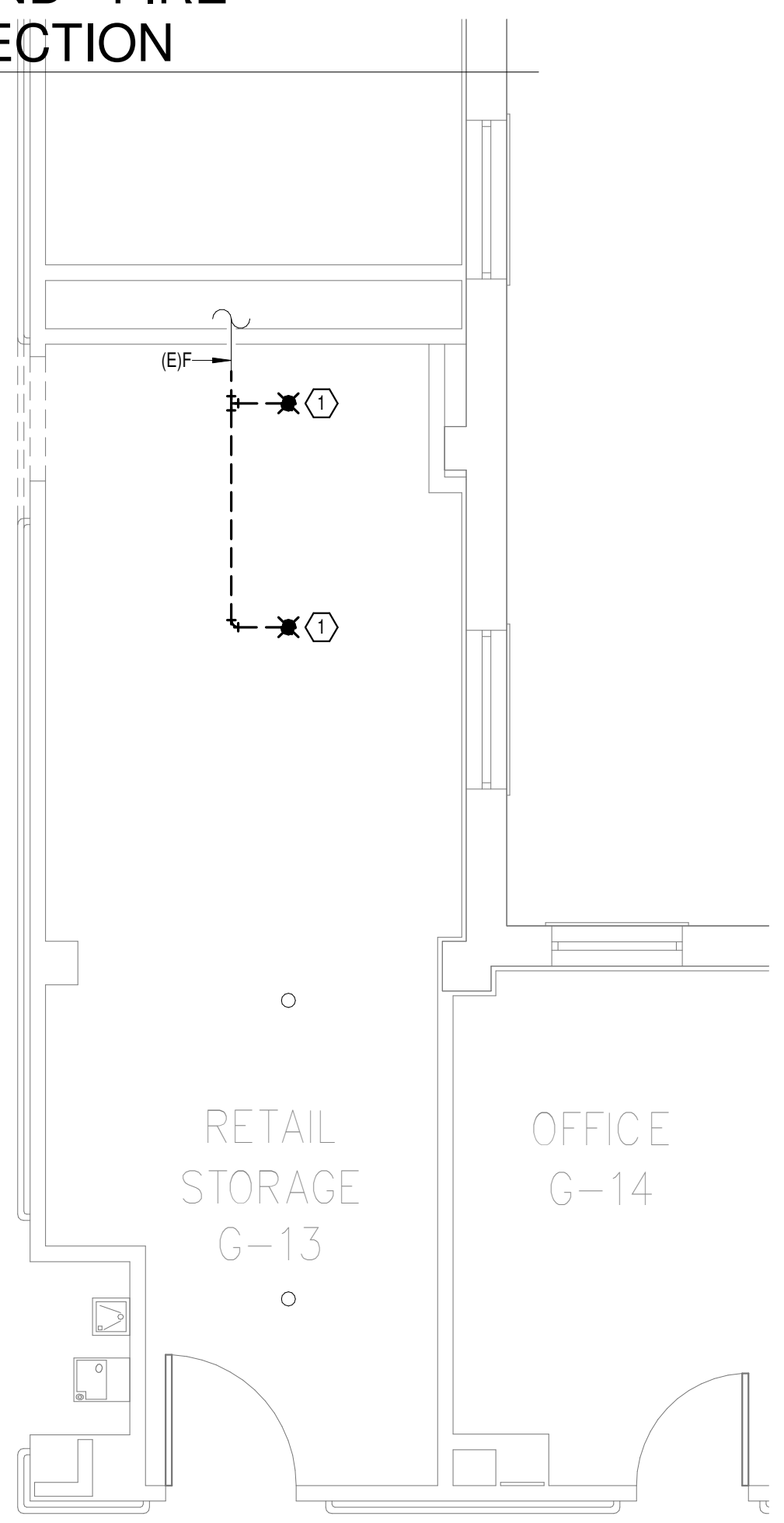
**SHEET NOTES:**

- 1. DEMOLISH EXISTING SPRINKLER HEAD FOR CEILING REMOVAL AND SPRINKLER PIPE TO POINT INDICATED. REFER TO NEW WORK PLANS FOR INSTALLATION OF NEW UPRIGHT HEADS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 2. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE G13A. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 3. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
- 4. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION "LIGHT HAZARD". RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.



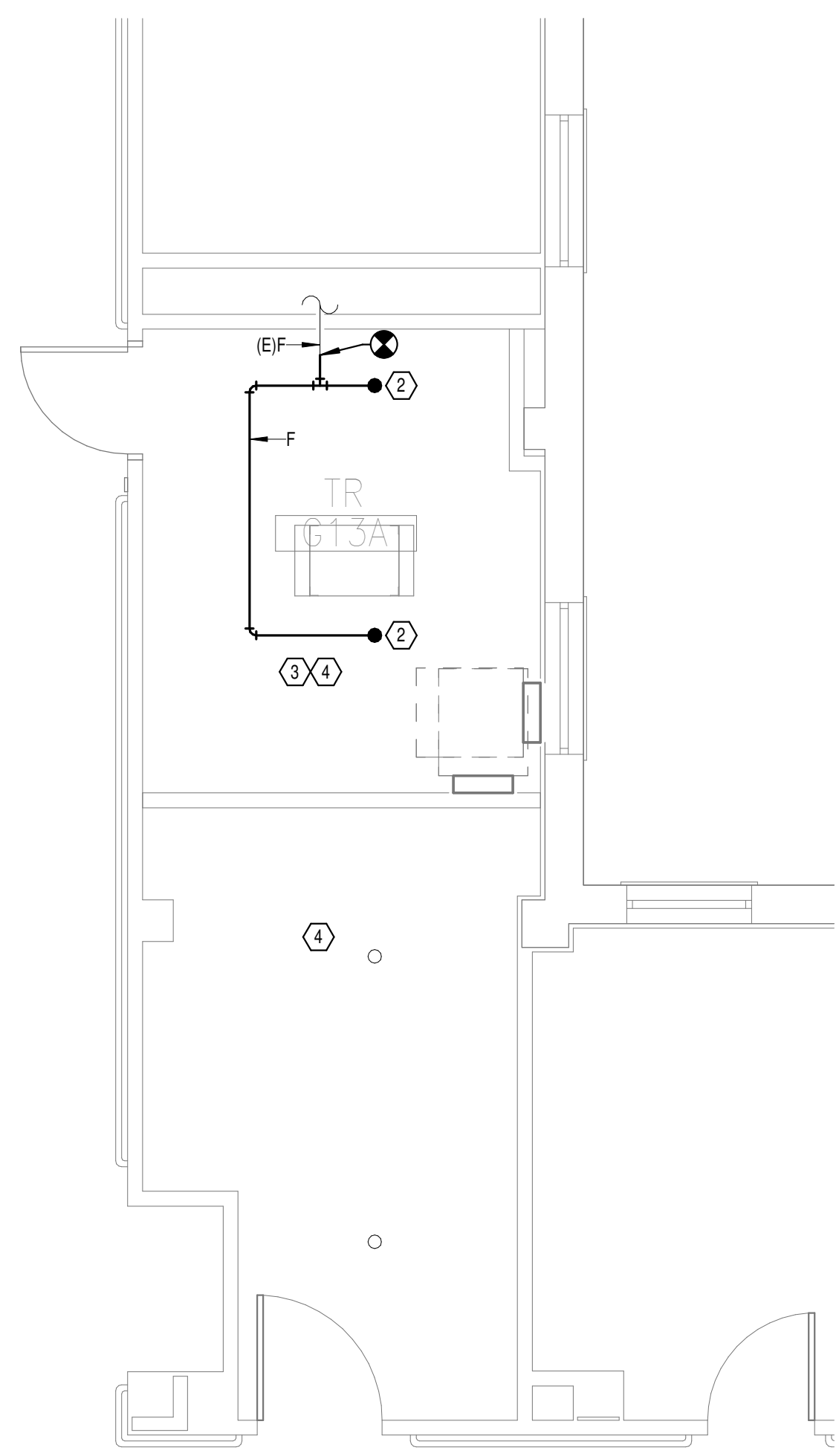
**OVERALL FLOOR PLAN  
GROUND - FIRE  
PROTECTION**

1  
1/16" = 1'-0"



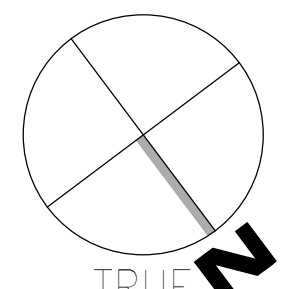
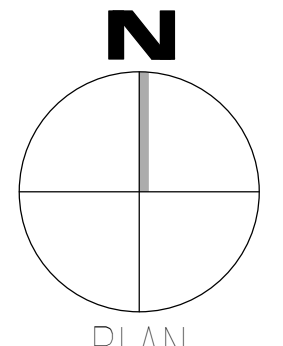
**DEMOLITION FLOOR  
PLAN GROUND LEVEL -  
FIRE PROTECTION**

2  
1/4" = 1'-0"



**NEW FLOOR PLAN  
GROUND LEVEL - FIRE  
PROTECTION**

3  
1/4" = 1'-0"



Autodesk Docs: 202075.008 - VA Tuscaloosa EHRM Infrastructure Upgrades/2025.008 - VA EHRM Tuscaloosa - P50 - 0036.rvt  
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**CONSULTANT**

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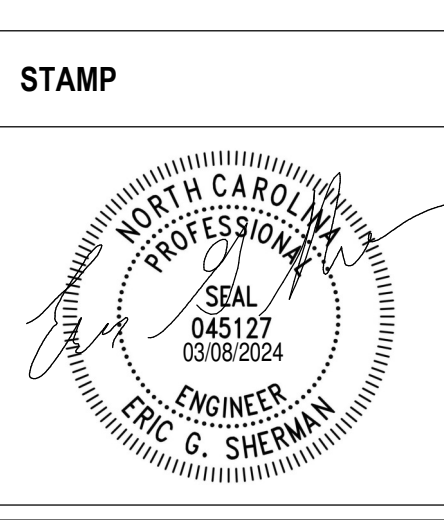
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**Office of Construction and Facilities Management**

**VA** U.S. Department of Veterans Affairs

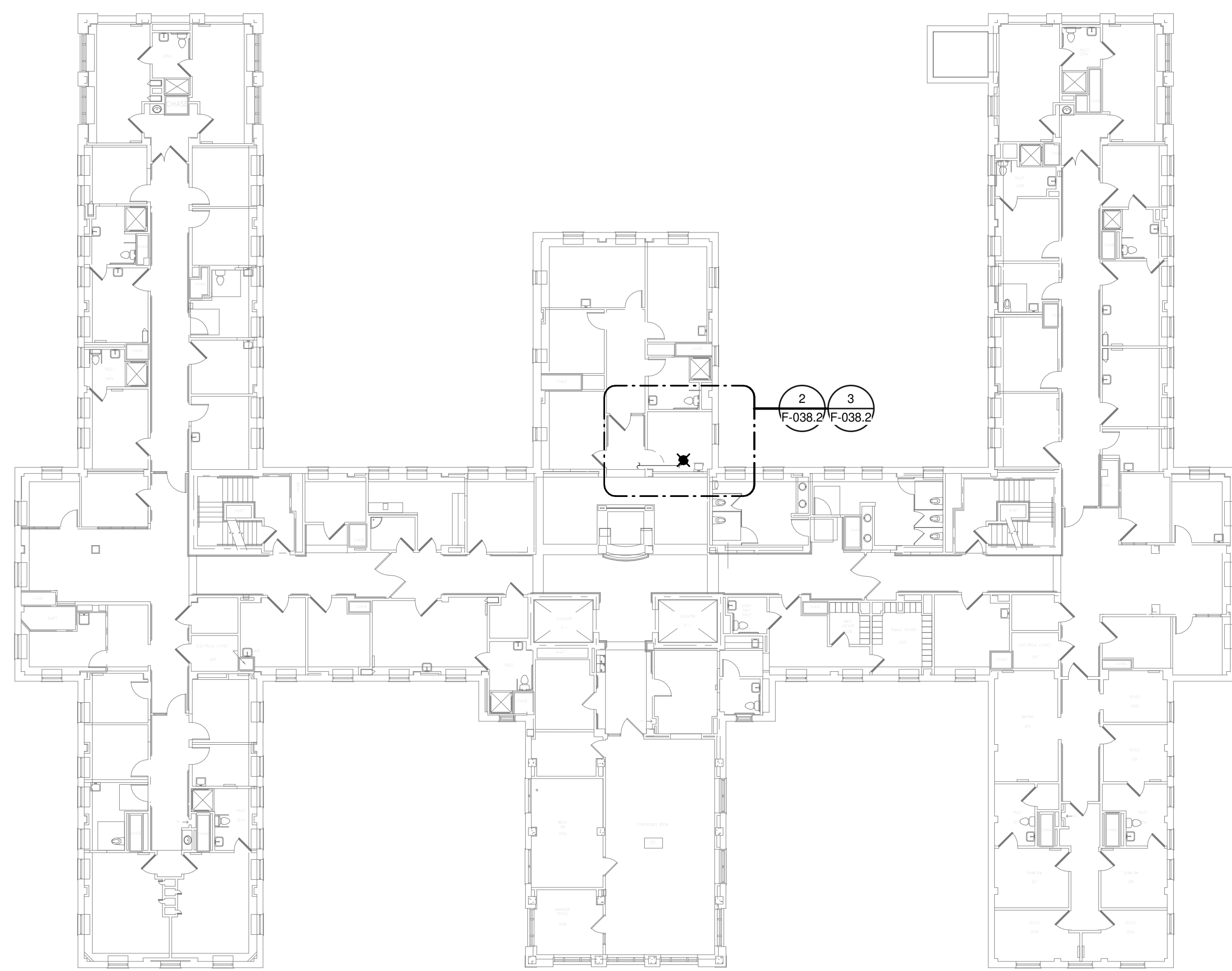
Drawing Title  
**BUILDING 38 GROUND LEVEL - FIRE PROTECTION**

Approved: \_\_\_\_\_

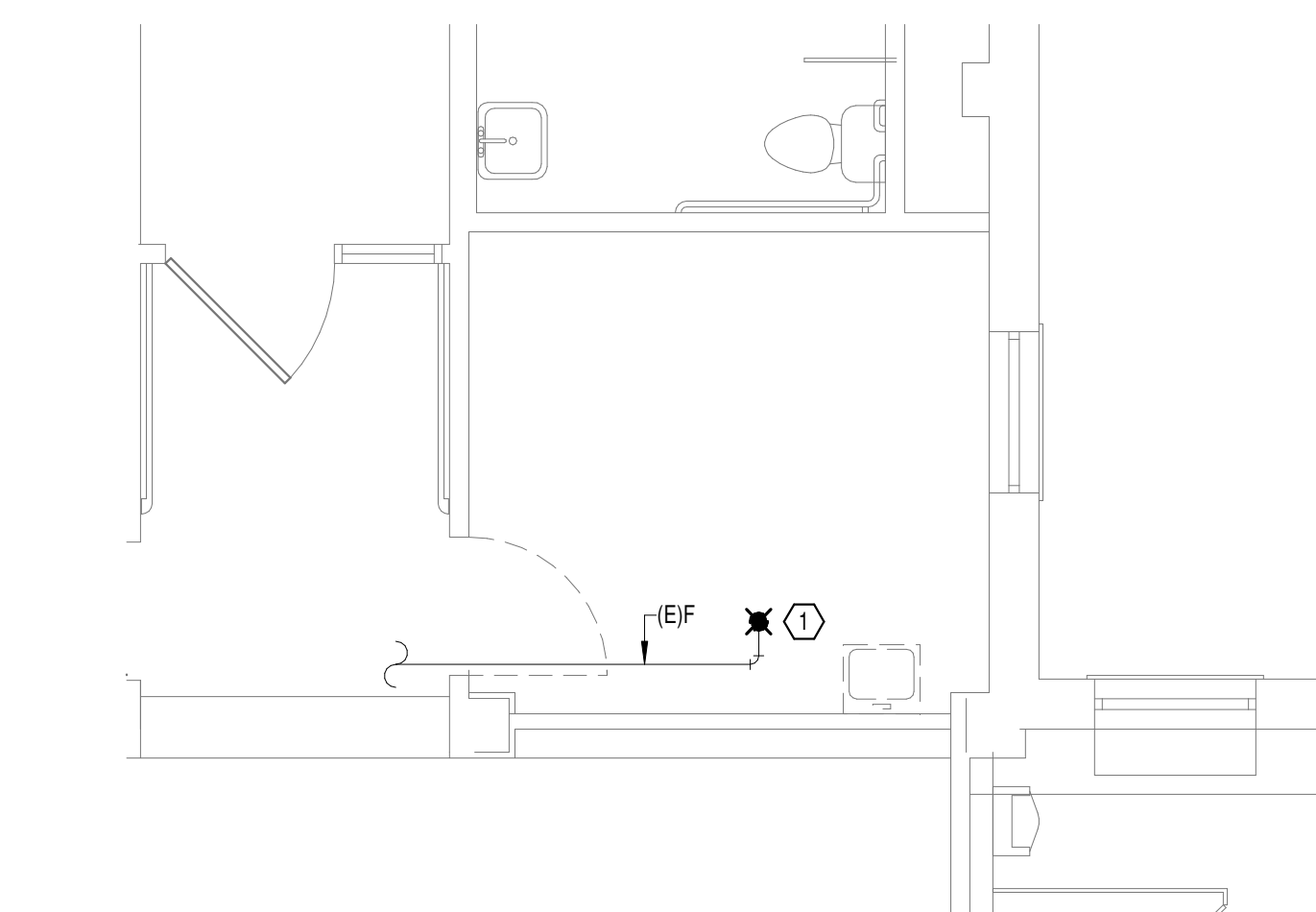
Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

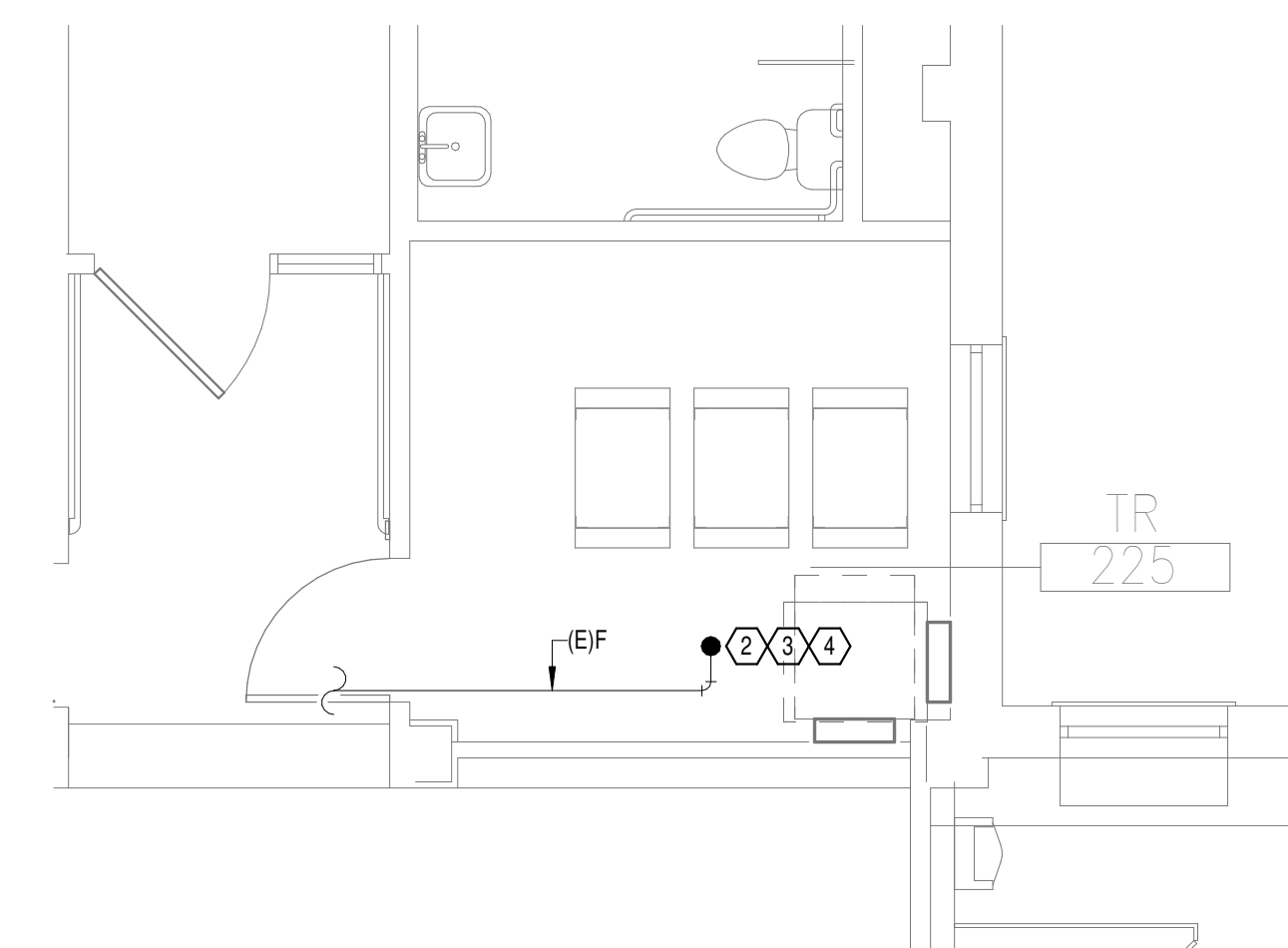
Project Title EHRM INFRASTRUCTURE UPGRADES	Project Number 679-20-104
Location TUSCALOOSA VAMC, TUSCALOOSA, AL.	Building Number 38
Issue Date 03/08/2024	Checked JKK
Drawn PCM	Drawing Number F-038.G



**OVERALL FLOOR PLAN  
LEVEL 02 - FIRE  
PROTECTION -  
DEMOLITION**  
1  
1/16" = 1'-0"



**DEMOLITION FLOOR  
PLAN LEVEL 02 - FIRE  
PROTECTION**  
2  
1/4" = 1'-0"



**NEW FLOOR PLAN LEVEL  
02 - FIRE PROTECTION**  
3  
1/4" = 1'-0"

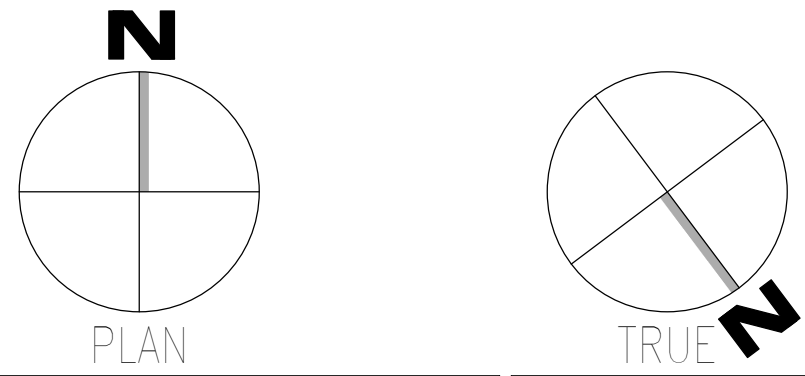
**GENERAL NOTES:**

- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
- B. ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED. EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
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**SHEET NOTES:**

- 1. REMOVE EXISTING SPRINKLER HEAD FOR CEILING REMOVAL. REFER TO NEW WORK PLANS FOR INSTALLATION OF NEW UPRIGHT HEADS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 2. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE 225. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 3. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
- 4. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION 'LIGHT HAZARD'. RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.

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 08-03-2024 15:14:47  
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**CONSULTANT**

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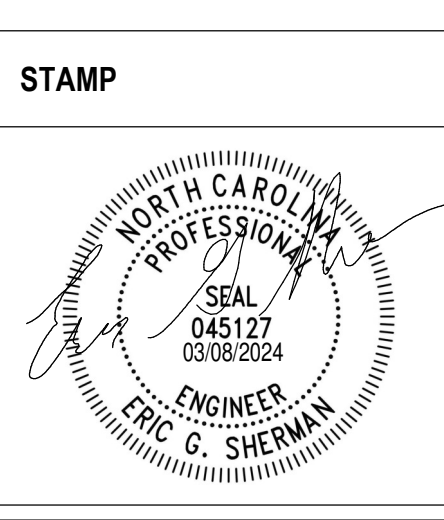
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**VA** U.S. Department of Veterans Affairs

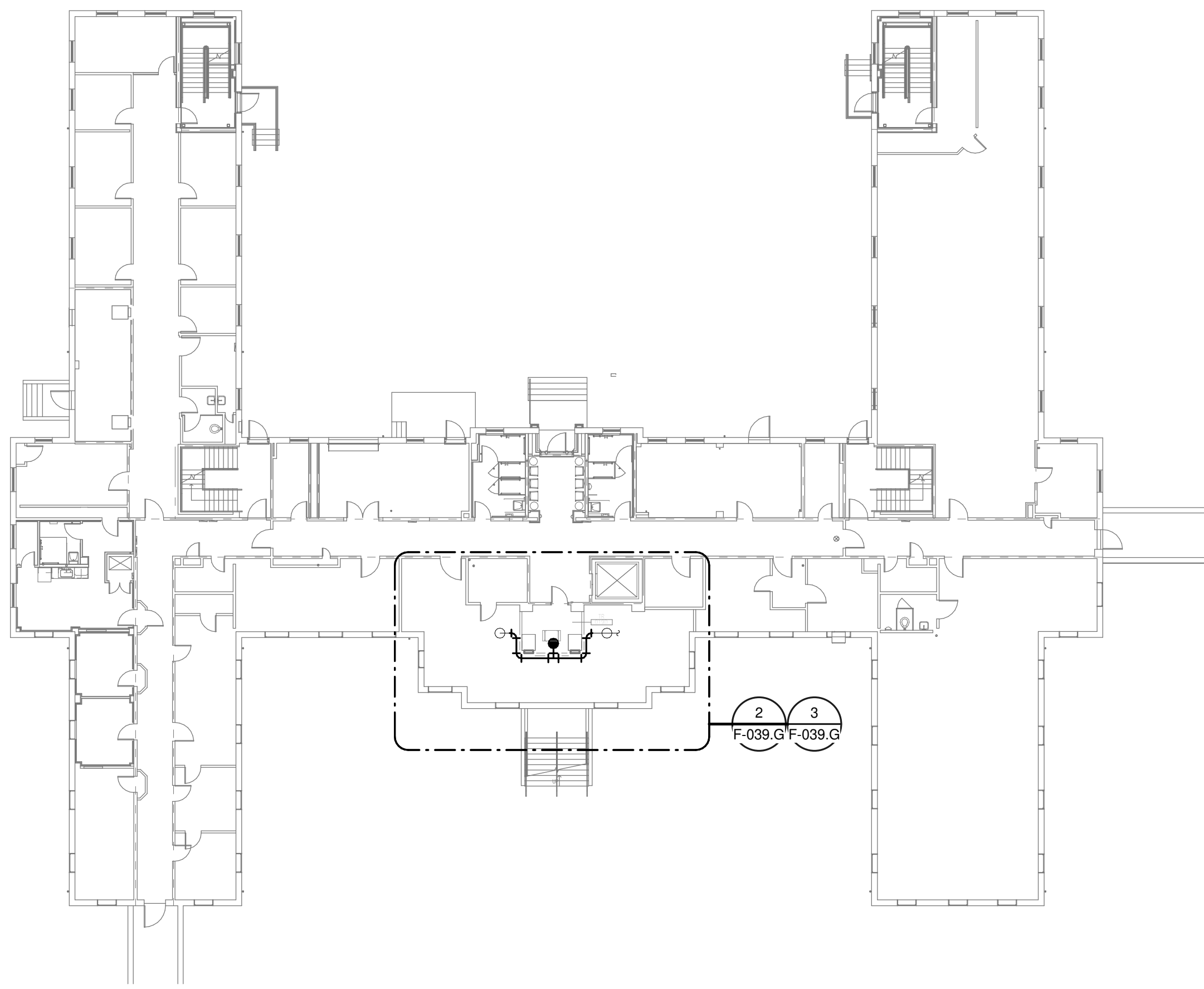
Drawing Title  
**BUILDING 38 LEVEL 02 - FIRE PROTECTION**

Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

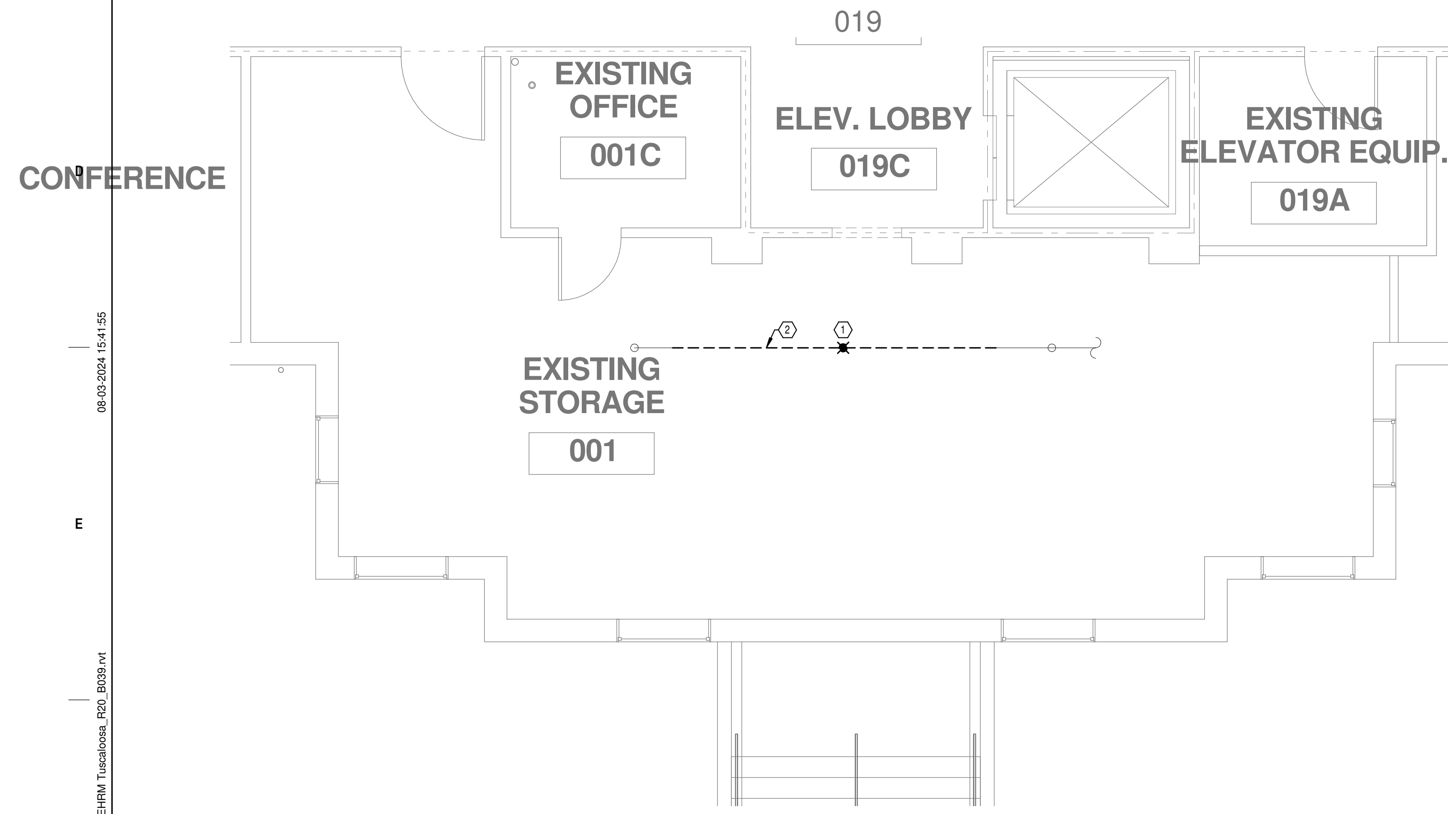
Project Title EHRM INFRASTRUCTURE UPGRADES	Project Number 679-20-104
Location TUSCALOOSA VAMC, TUSCALOOSA, AL.	Building Number 38
Issue Date 03/08/2024	Checked JKK
Drawn PCM	Drawing Number F-038.2



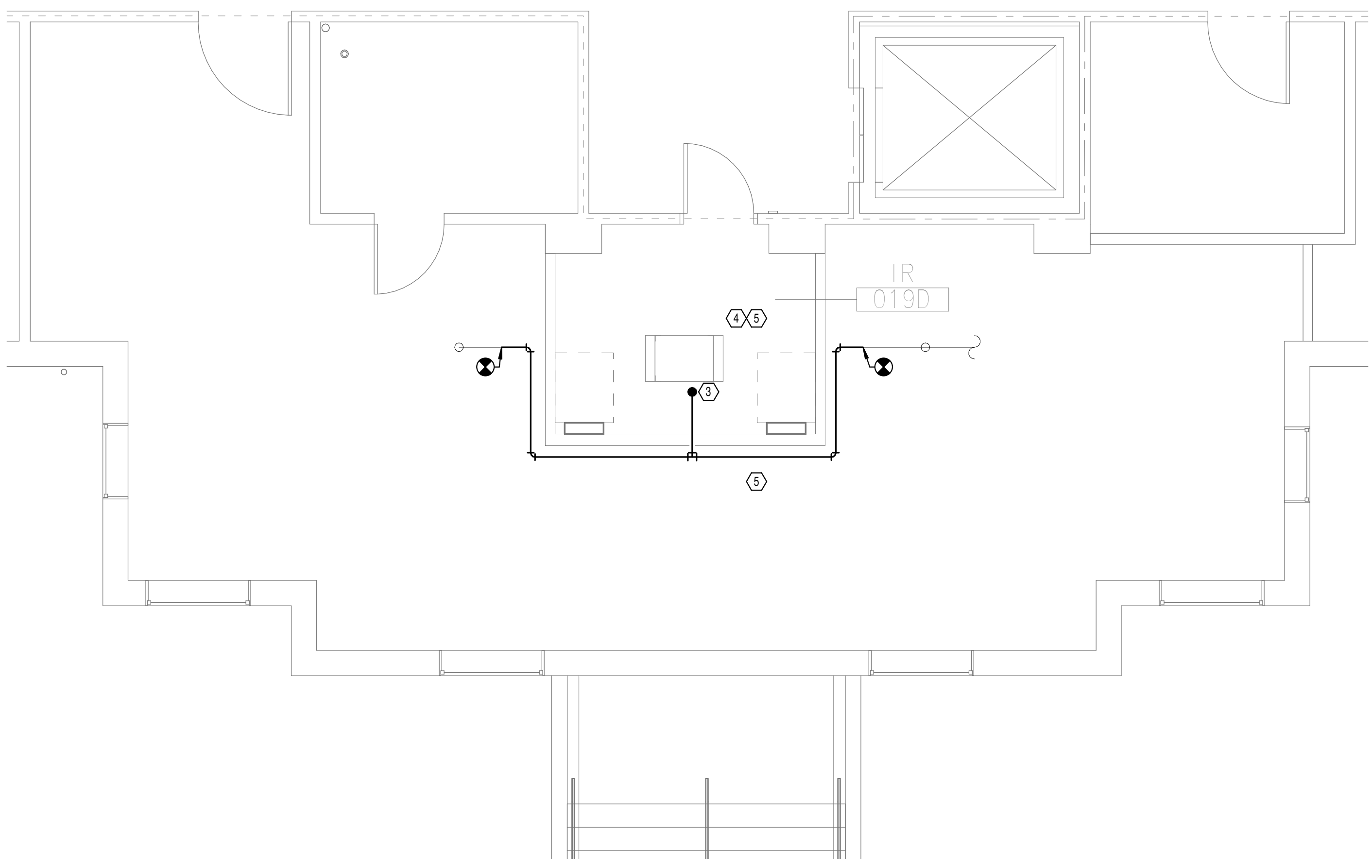
**1** OVERALL FLOOR PLAN  
GROUND LEVEL - FIRE  
PROTECTION  
1" = 20'-0"

- GENERAL NOTES:**
- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
  - B. ON DEMOLITION PLANS; EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED. EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
  - C. UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
  - D. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.

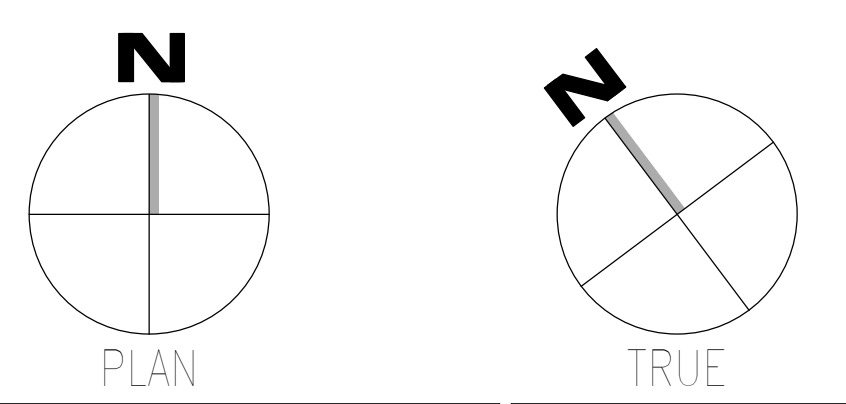
- SHEET NOTES:**
1. REMOVE EXISTING SPRINKLER HEAD FOR CEILING REMOVAL. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
  2. DEMOLISH FIRE PROTECTION PIPING BACK TO BOUNDARY OF NEW TR 019D.
  3. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE 019D. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
  4. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
  5. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION "LIGHT HAZARD". RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.



**2** DEMOLITION FLOOR  
PLAN GROUND LEVEL -  
FIRE PROTECTION  
1/4" = 1'-0"



**3** NEW FLOOR PLAN  
GROUND LEVEL - FIRE  
PROTECTION  
1/4" = 1'-0"



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 VA FORM 08-6231

Revisions:	Date:

**CONSULTANT**

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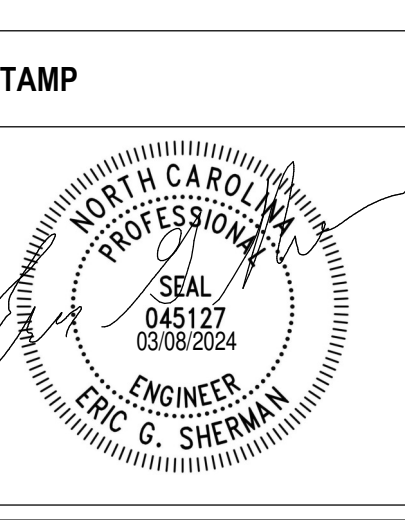
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NC Engineering License No.: P-0214  
NC Architectural License No.: 51254



**Office of Construction and Facilities Management**

**VA** U.S. Department of Veterans Affairs

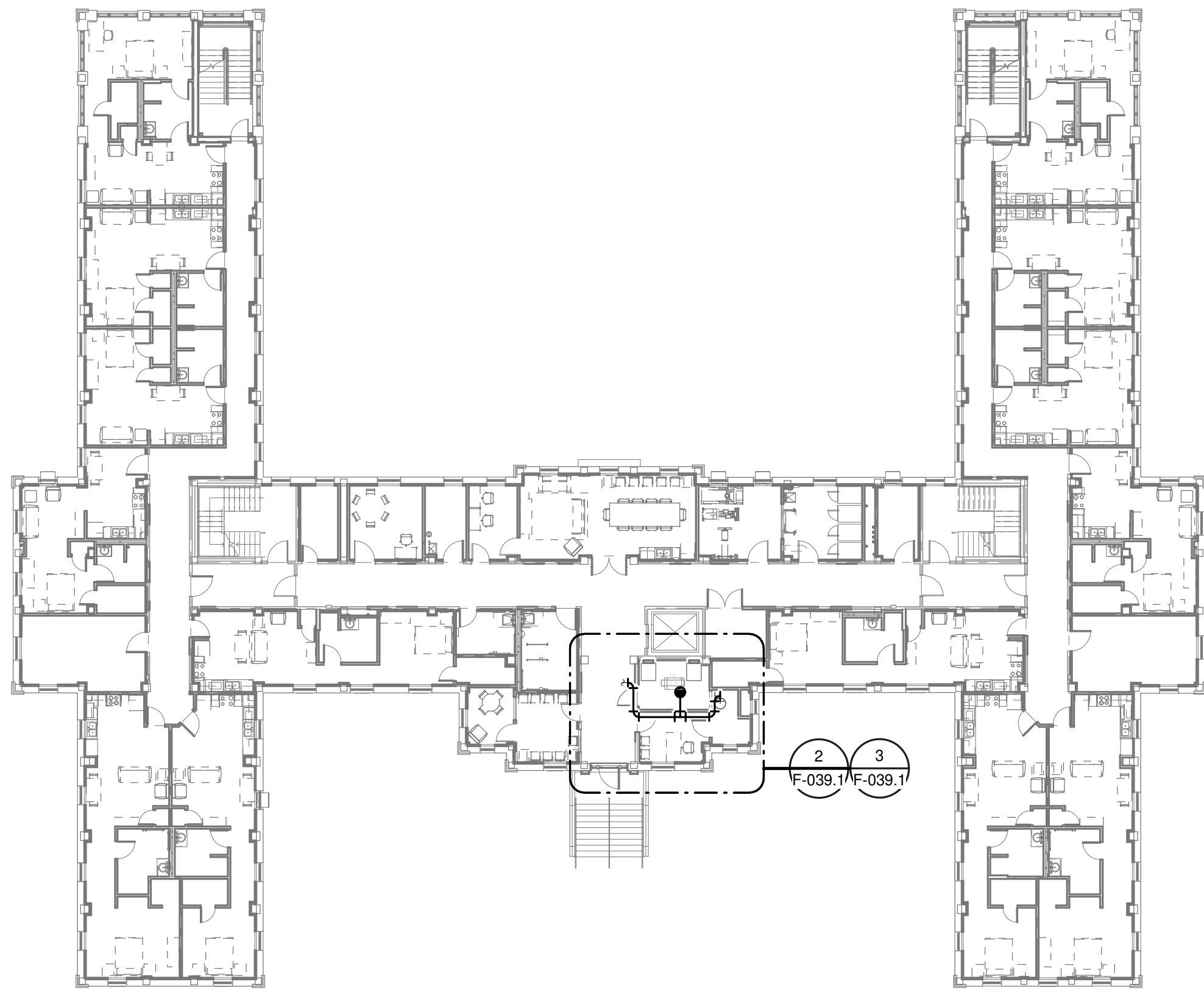
Drawing Title  
**BUILDING 39 GROUND LEVEL - FIRE PROTECTION**

Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

Project Title <b>EHRM INFRASTRUCTURE UPGRADES</b>	Project Number <b>679-20-104</b>
Location <b>TUSCALOOSA VAMC, TUSCALOOSA, AL.</b>	Building Number <b>39</b>
Issue Date <b>03/08/2024</b>	Checked <b>JKK</b>
Drawn <b>PCM</b>	Drawing Number <b>F-039.G</b>

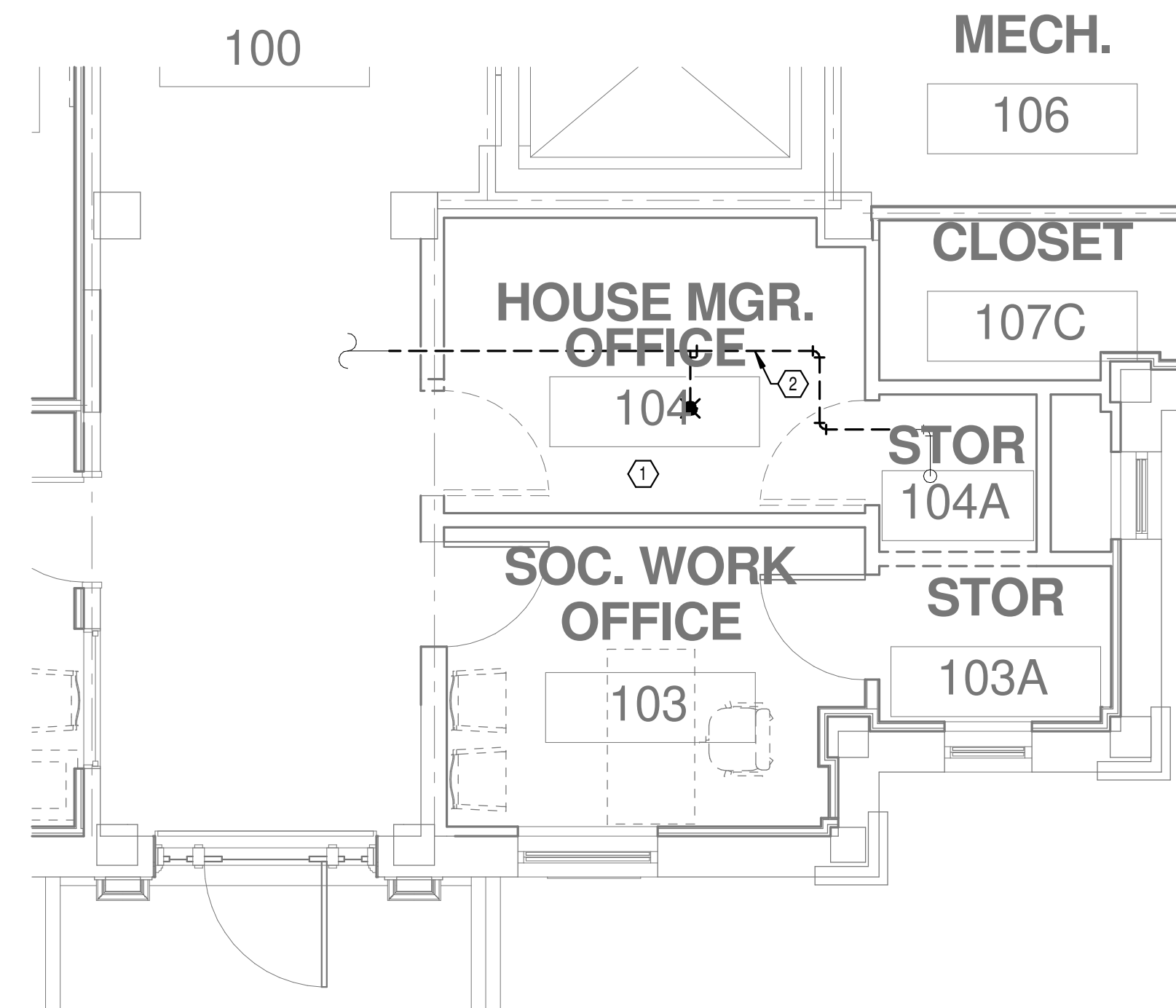


**OVERALL FLOOR PLAN  
LEVEL 01 - FIRE  
PROTECTION**

1  
1" = 20'-0"

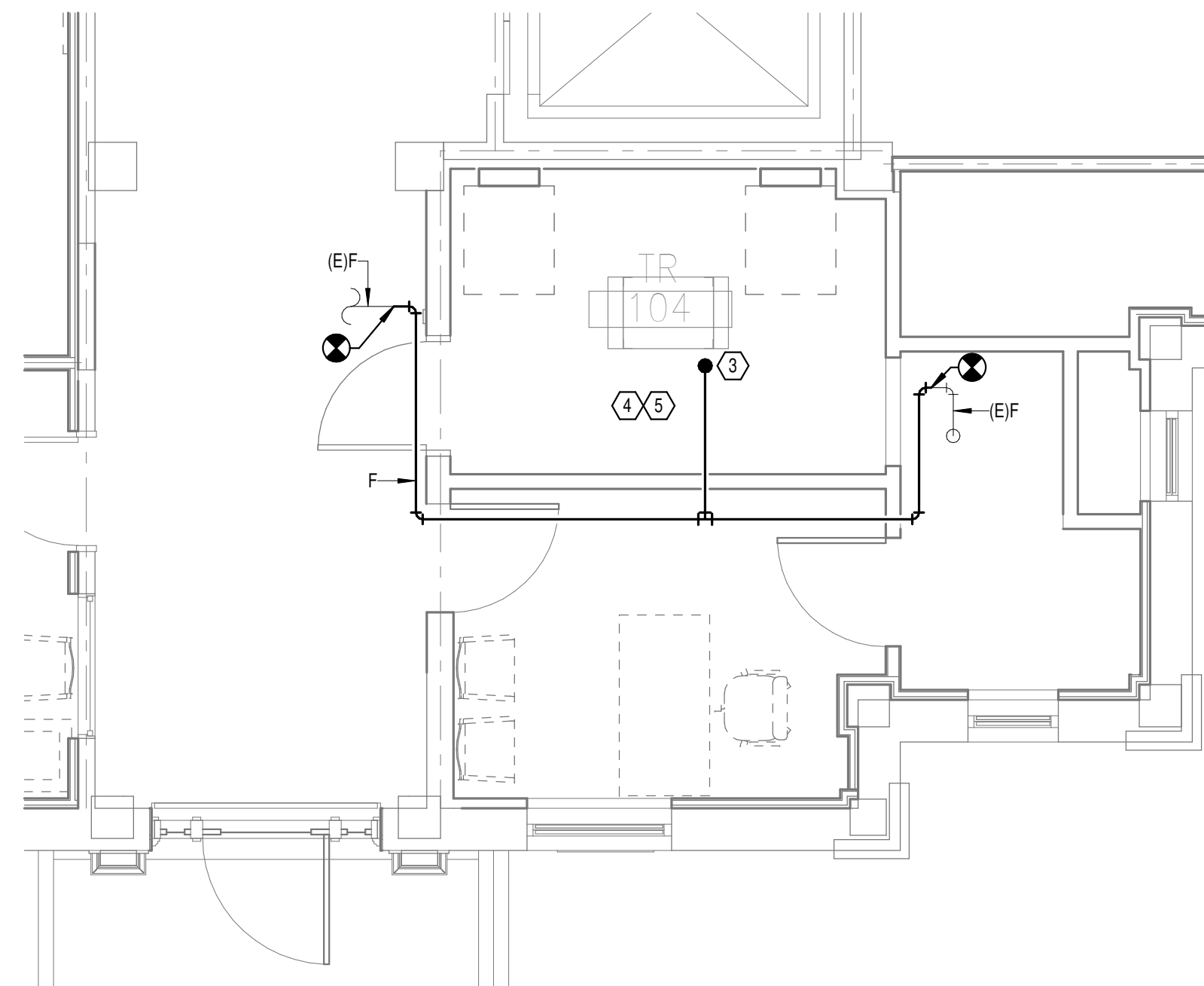
- GENERAL NOTES:**
- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
  - B. ON DEMOLITION PLANS; EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED. EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
  - C. UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
  - D. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.

- SHEET NOTES:**
1. REMOVE EXISTING SPRINKLER HEAD FOR CEILING REMOVAL. REFER TO NEW WORK PLANS FOR INSTALLATION OF NEW UPRIGHT HEADS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
  2. DEMOLISH FIRE PROTECTION PIPING BACK TO BOUNDARY OF NEW TR 104.
  3. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE 132. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
  4. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
  5. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION "LIGHT HAZARD", RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.



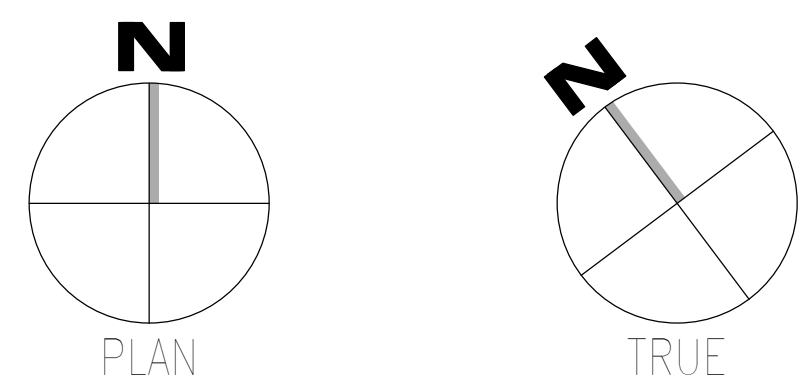
**DEMOLITION FLOOR  
PLAN LEVEL 01 - FIRE  
PROTECTION**

2  
1/4" = 1'-0"



**NEW FLOOR PLAN LEVEL  
01 - FIRE PROTECTION**

3  
1/4" = 1'-0"



Autodesk Docs: 202375.008 - VA Tuscaloosa EHRM Infrastructure Upgrades/202375.008 - VA EHRM Tuscaloosa R50\_0035.rvt  
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Revisions:	Date:

**CONSULTANT**

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 NC Architectural License No.: 51254

**STAMP**

**SEAL**  
 NORTH CAROLINA PROFESSIONAL ENGINEER  
 045127  
 03/08/2024  
 ERIC C. SHERMAN

**Office of Construction and Facilities Management**

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**BUILDING 39 LEVEL 01 - FIRE PROTECTION**

Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

Project Title  
**EHRM INFRASTRUCTURE UPGRADES**

Project Number  
**679-20-104**

Building Number  
**39**

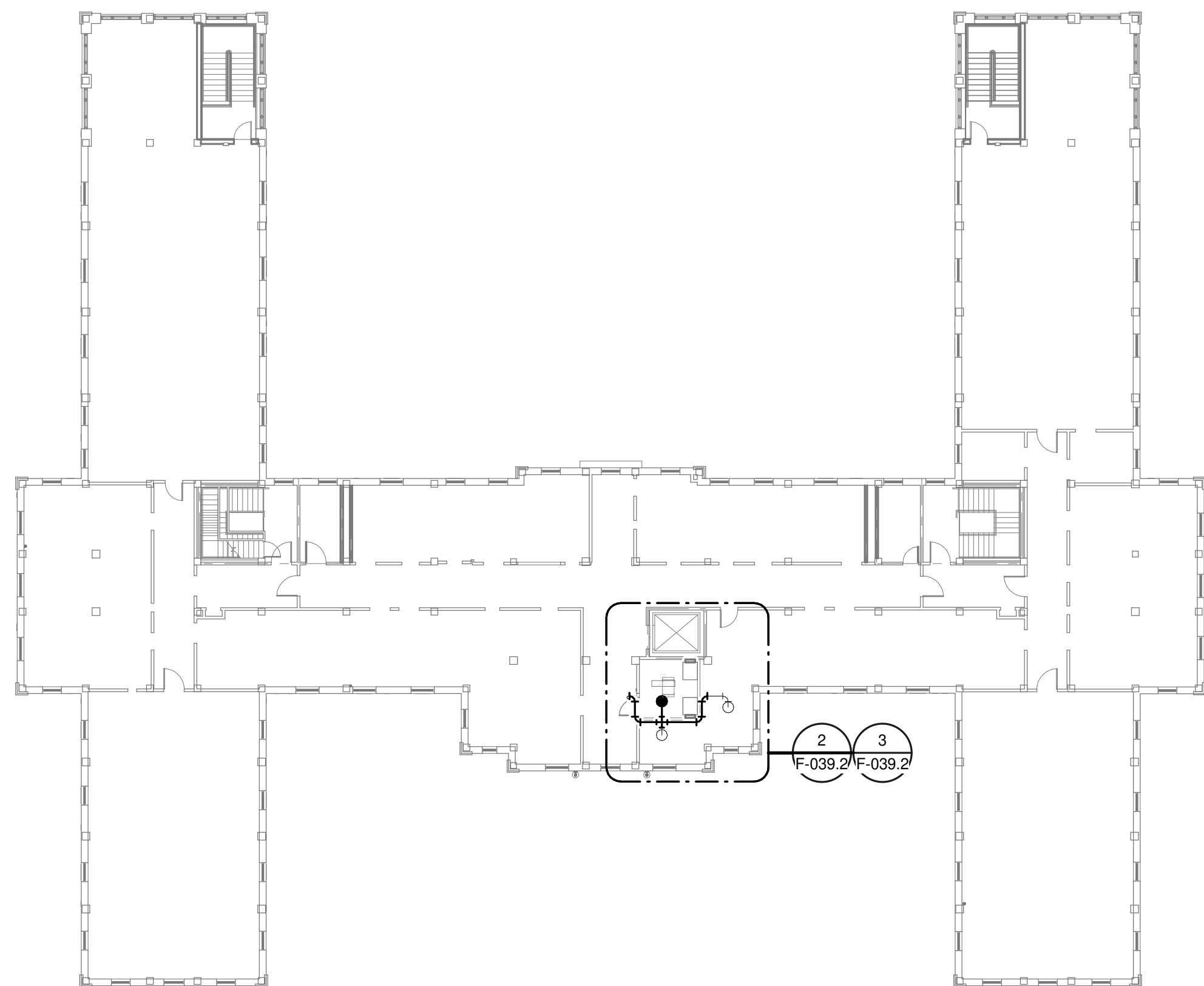
Location  
**TUSCALOOSA VAMC, TUSCALOOSA, AL.**

Issue Date  
**03/08/2024**

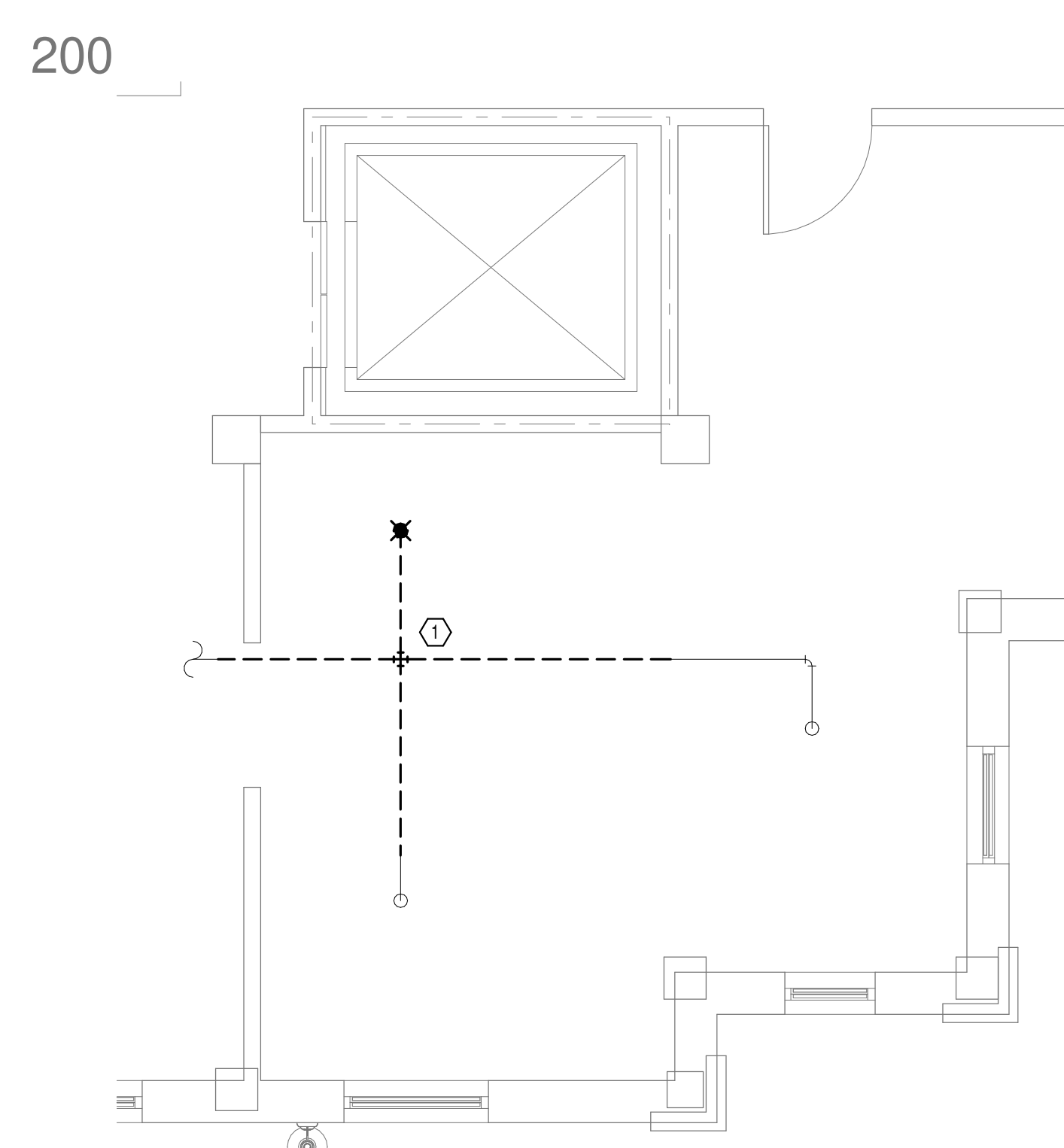
Checked  
**JKK**

Drawn  
**PCM**

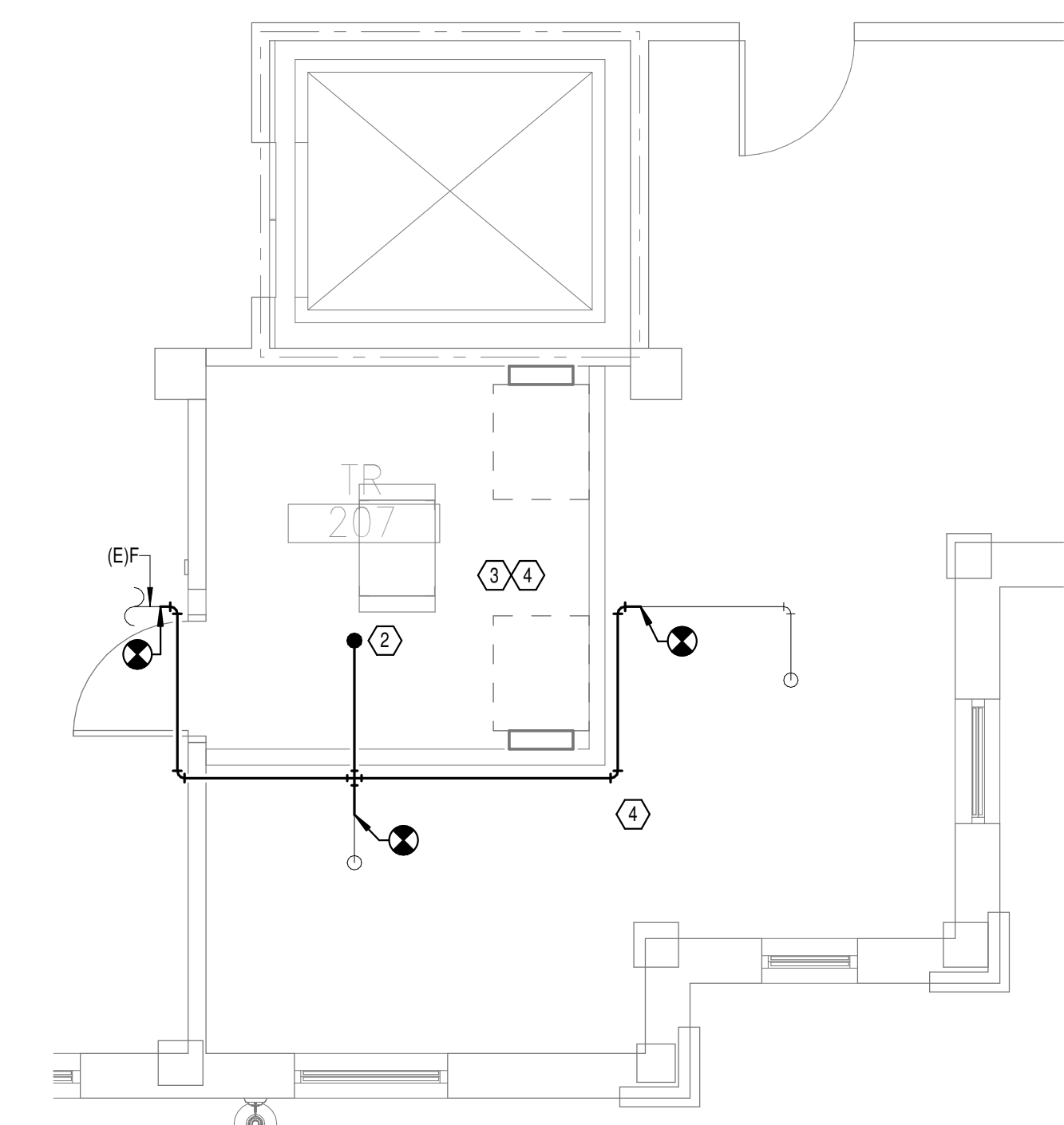
Drawing Number  
**F-039.1**



**OVERALL FLOOR PLAN  
LEVEL 02 - FIRE  
PROTECTION**  
1  
1" = 20'-0"

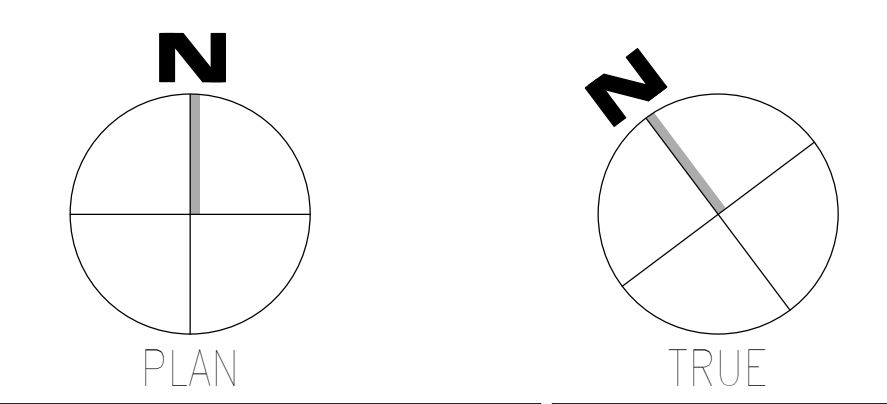


**DEMOLITION FLOOR  
PLAN LEVEL 02 - FIRE  
PROTECTION**  
2  
1/4" = 1'-0"



**NEW FLOOR PLAN LEVEL  
02 - FIRE PROTECTION**  
3  
1/4" = 1'-0"

- GENERAL NOTES:**
- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
  - B. ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED. EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
  - C. UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
  - D. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.
- SHEET NOTES:**
- 1. DEMOLISH FIRE PROTECTION PIPING BACK TO BOUNDARY OF NEW TR.
  - 2. INSTALL NEW UPRIGHT SPRINKLER HEAD WITH MECHANICAL GUARDS TO SERVE 100. VERIFY COVERAGE REQUIREMENTS.
  - 3. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
  - 4. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION 'LIGHT HAZARD'. RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECTS CEILING PLANS.



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Revisions:	Date:

**CONSULTANT**

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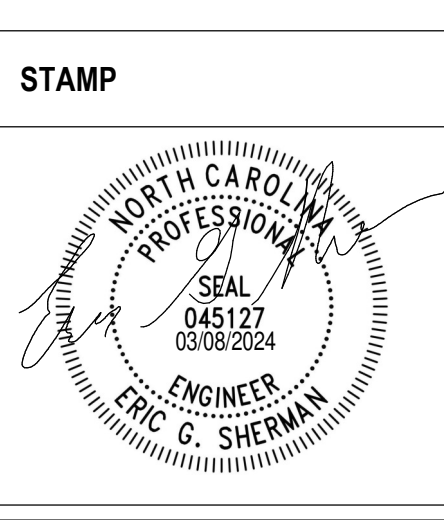
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 Fax: 828.315.9964

NC Engineering License No.: P-0214  
 NC Architectural License No.: 51254



**Office of Construction and Facilities Management**

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**BUILDING 39 LEVEL 02 - FIRE PROTECTION**

Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

Project Title  
**EHRM INFRASTRUCTURE UPGRADES**

Location  
**TUSCALOOSA VAMC, TUSCALOOSA, AL.**

Issue Date  
 03/08/2024

Checked  
 JKK

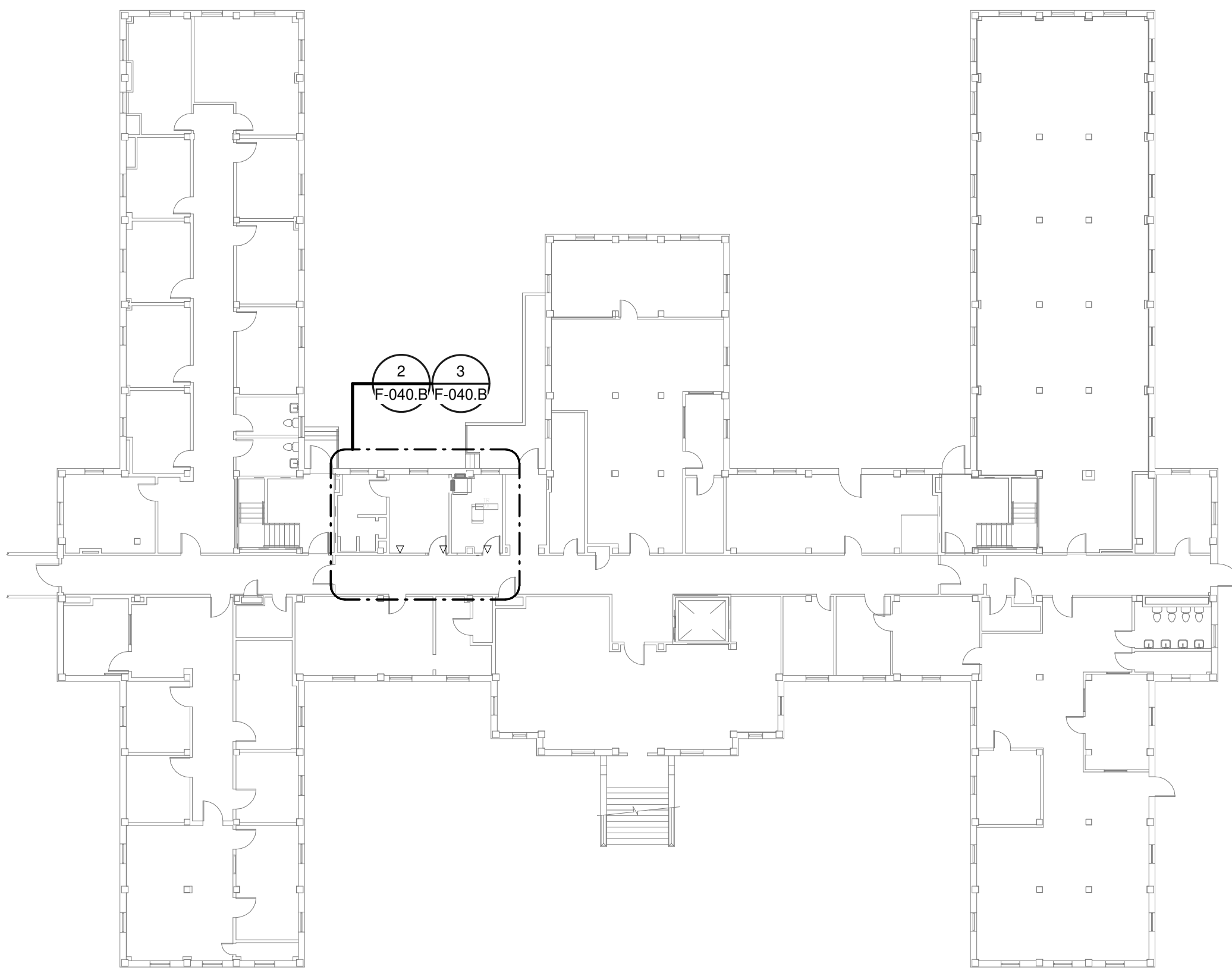
Drawn  
 PCM

Project Number  
**679-20-104**

Building Number  
**39**

Drawing Number  
**F-039.2**

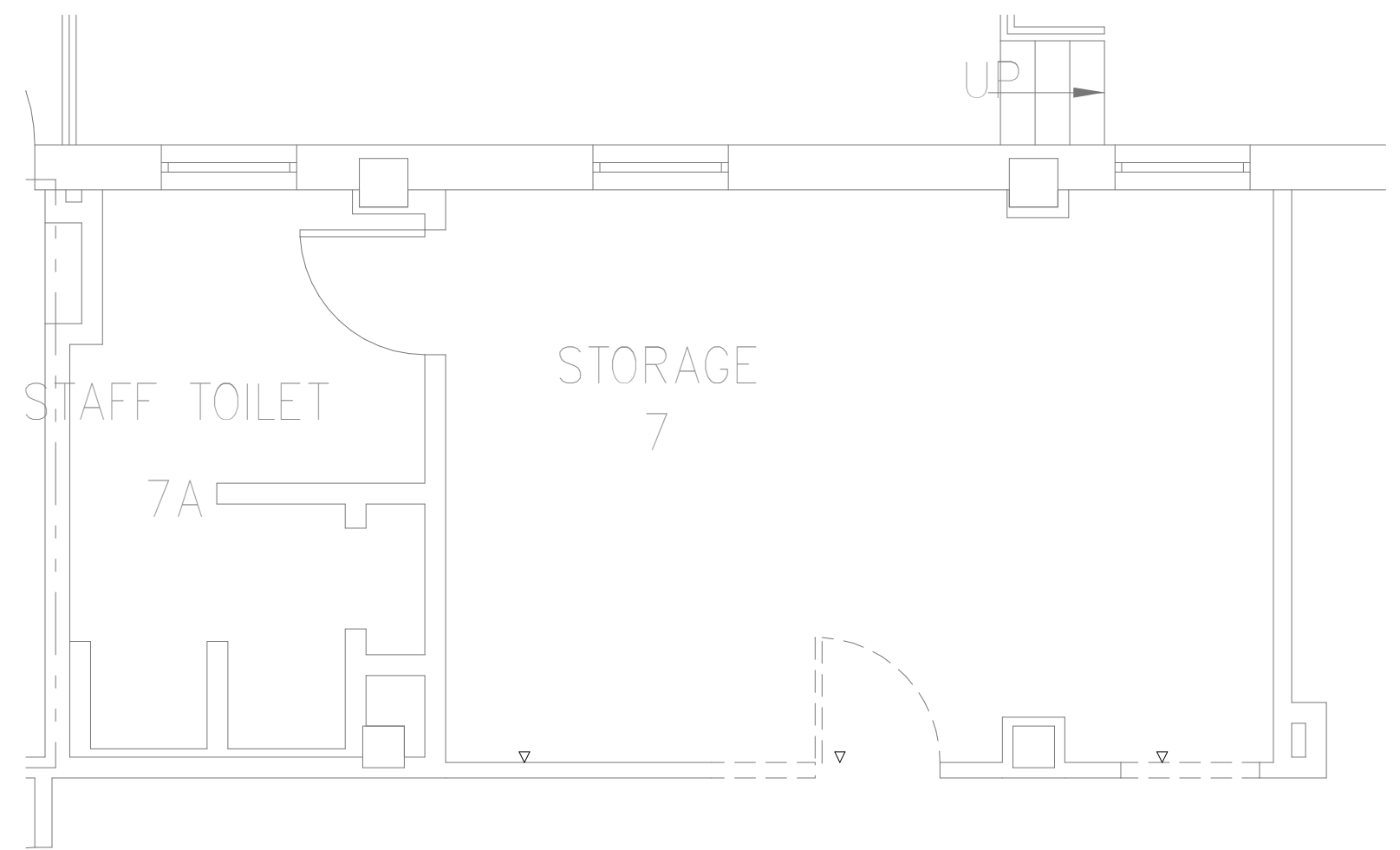
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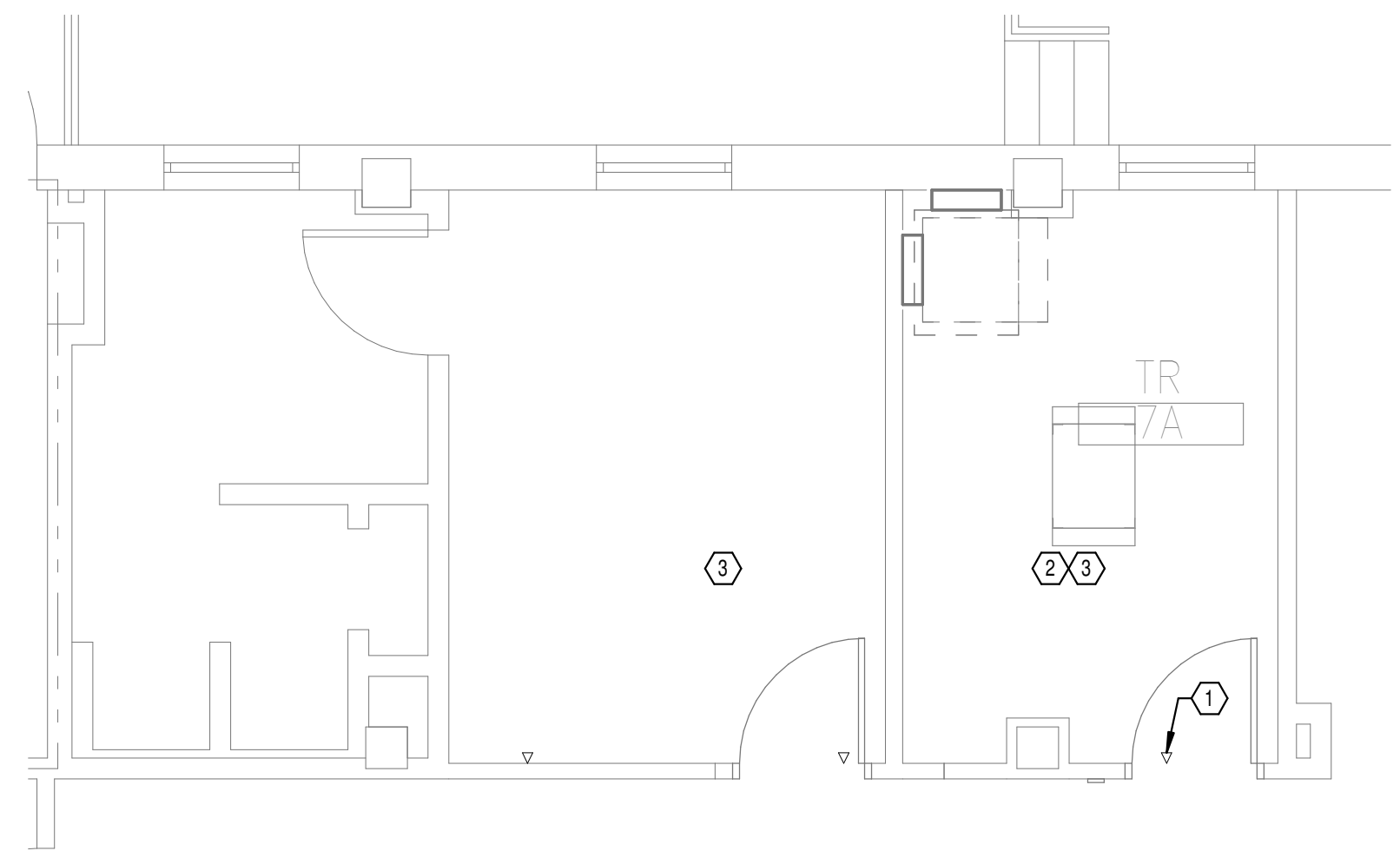
**1**  
OVERALL FLOOR PLAN  
BASEMENT LEVEL - FIRE  
PROTECTION  
1" = 20'-0"

**GENERAL NOTES:**  
 A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.  
 B. ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED, EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.  
 C. UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.  
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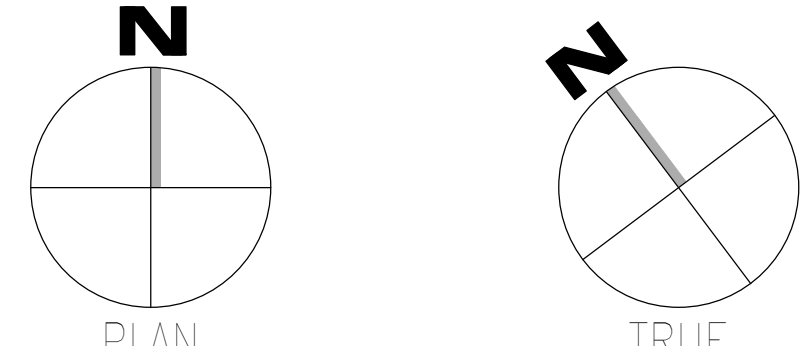
**SHEET NOTES:**  
 1. INSTALL MECHANICAL GUARDS ON EXISTING SIDEWALL SPRINKLER. VERIFY COVERAGE REQUIREMENTS.  
 2. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.  
 3. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION "LIGHT HAZARD". RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECTS CEILING PLANS.



**2**  
DEMOLITION FLOOR  
PLAN BASEMENT LEVEL -  
FIRE PROTECTION  
1/4" = 1'-0"



**3**  
NEW FLOOR PLAN  
BASEMENT LEVEL - FIRE  
PROTECTION  
1/4" = 1'-0"



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Revisions:	Date:

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 NC Architectural License No.: 51254

**STAMP**

Professional Engineer Seal for North Carolina, State of North Carolina, License No. 045127, dated 03/08/2024, signed by Eric C. Sherman.

**Office of Construction and Facilities Management**

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**BUILDING 40 BASEMENT LEVEL - FIRE PROTECTION**

Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

Project Title  
**EHRM INFRASTRUCTURE UPGRADES**

Location  
**TUSCALOOSA VAMC, TUSCALOOSA, AL.**

Issue Date  
 03/08/2024

Checked  
 JKK

Drawn  
 PCM

Project Number  
**679-20-104**

Building Number  
**40**

Drawing Number  
**F-040.B**

A

B

C

D

E

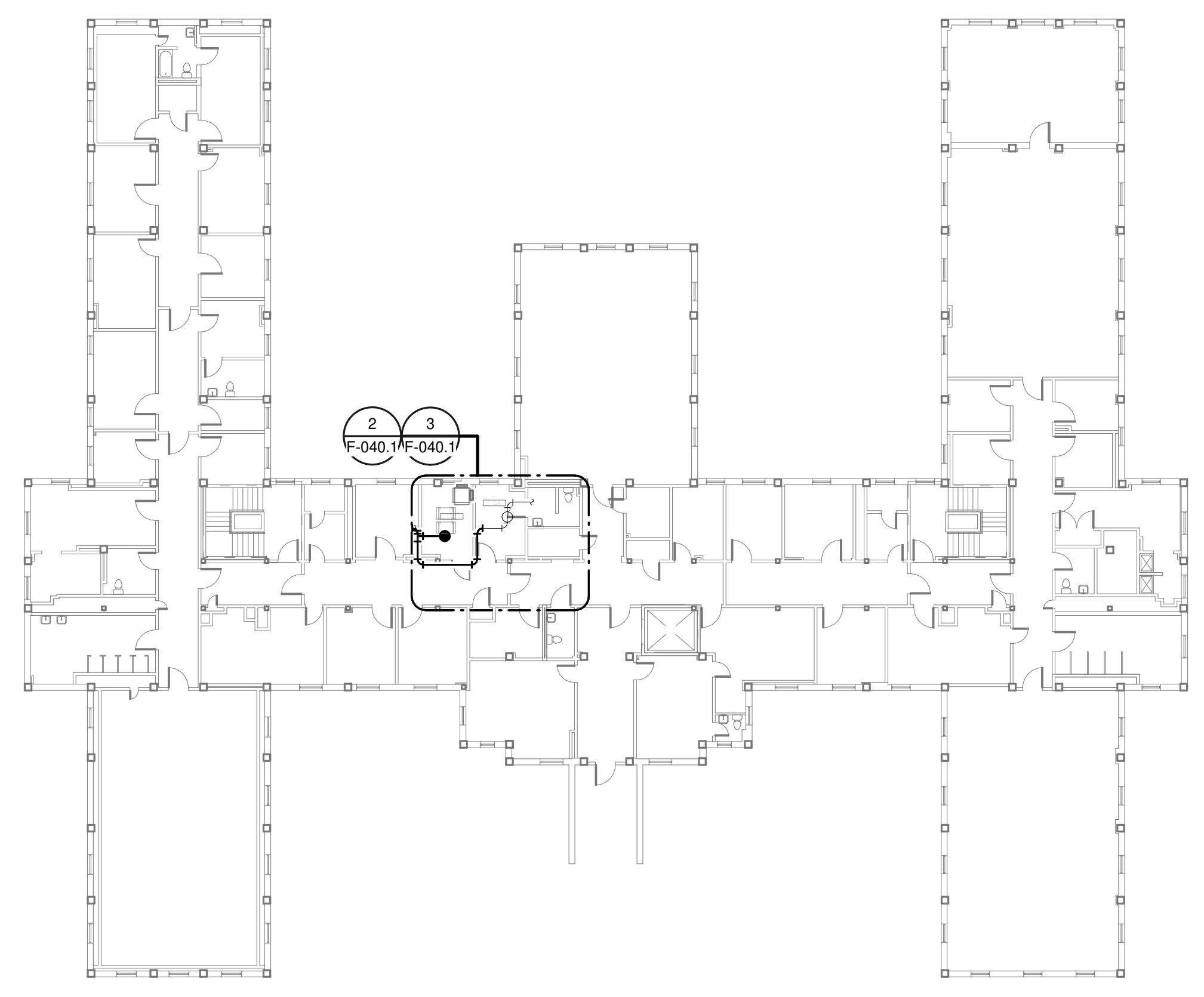
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**GENERAL NOTES:**

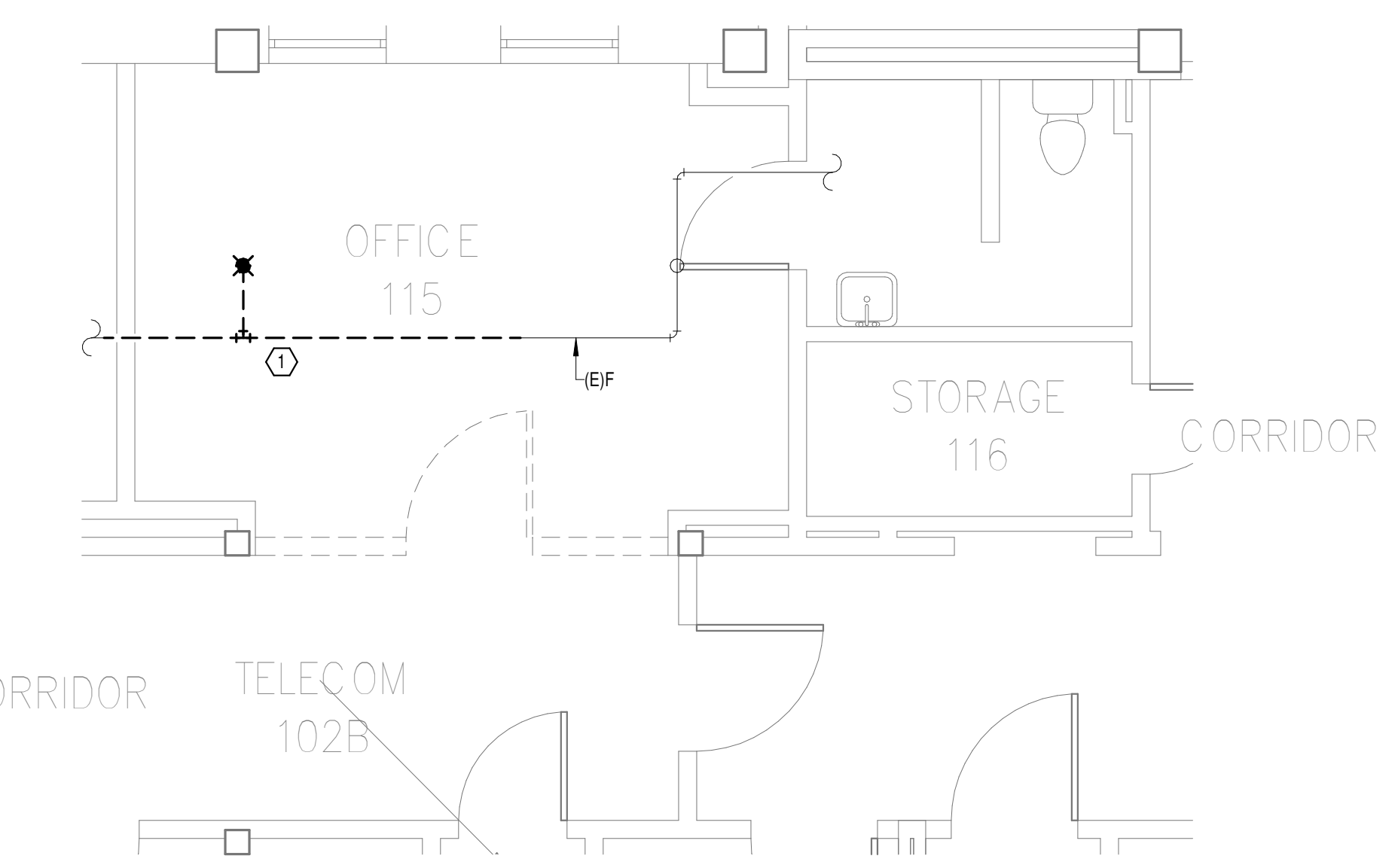
- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
- B. ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED. EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
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**SHEET NOTES:**

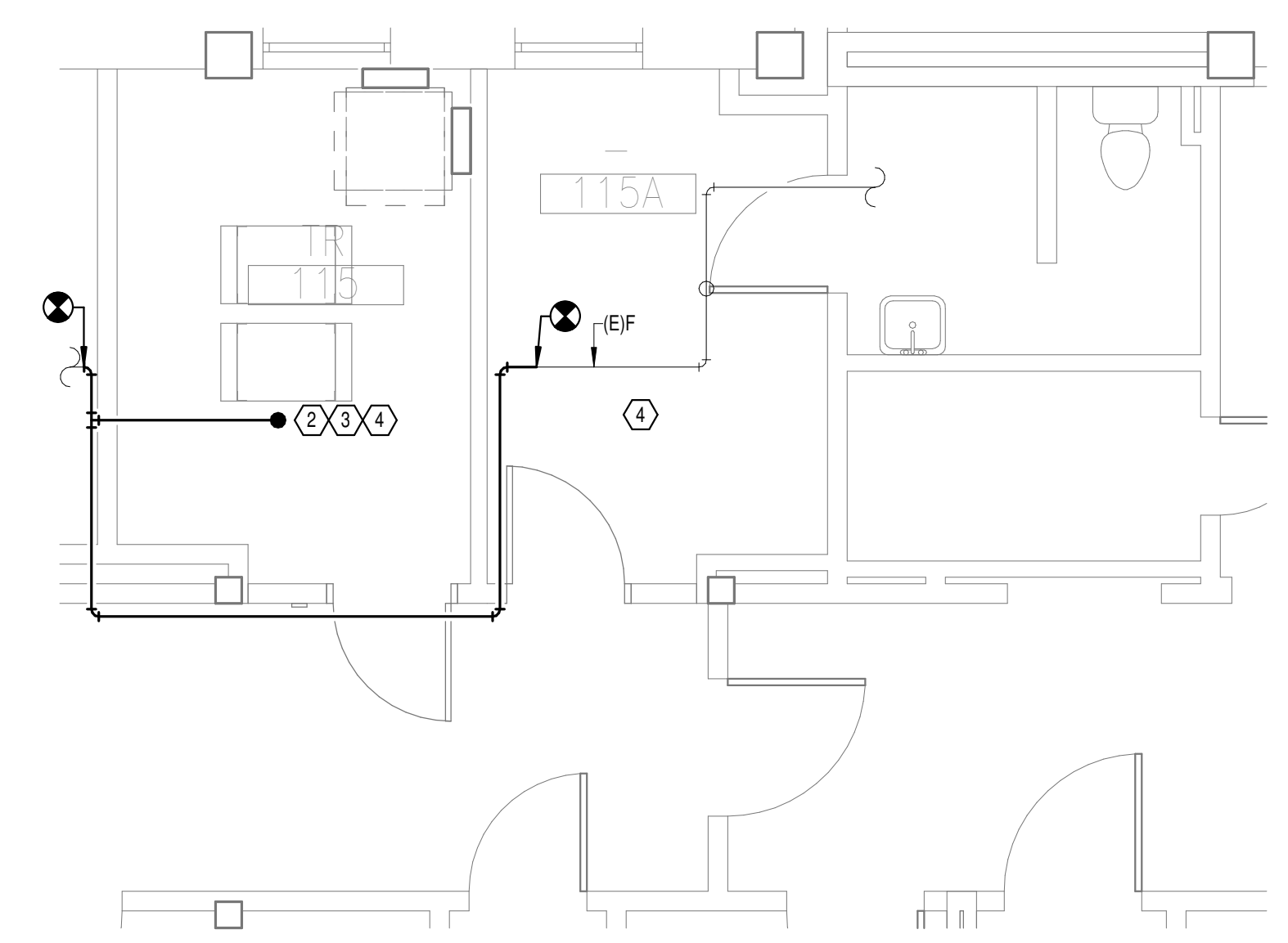
- 1. DEMOLISH FIRE PROTECTION PIPING BACK TO BOUNDARY OF NEW TR 115.
- 2. INSTALL NEW UPRIGHT SPRINKLER HEAD WITH MECHANICAL GUARDS TO SERVE 115. VERIFY COVERAGE REQUIREMENTS.
- 3. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
- 4. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION 'LIGHT HAZARD'. RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECTS CEILING PLANS.



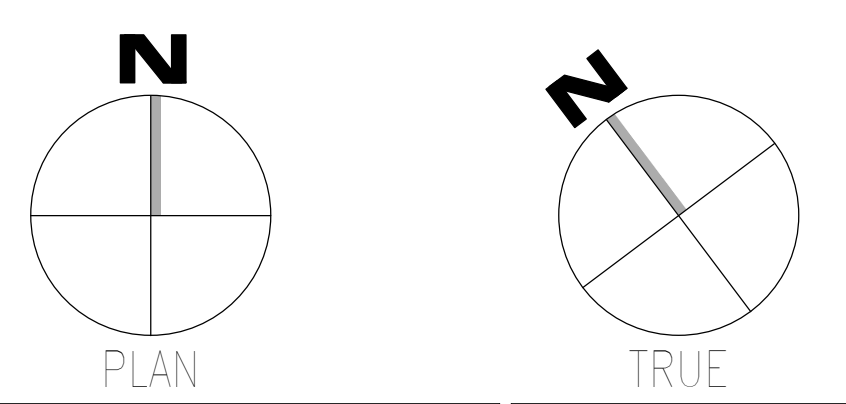
**OVERALL FLOOR PLAN  
LEVEL 01 - FIRE  
PROTECTION**  
1  
1" = 20'-0"



**DEMOLITION FLOOR  
PLAN LEVEL 01 - FIRE  
PROTECTION**  
2  
1/4" = 1'-0"



**NEW FLOOR PLAN LEVEL  
01 - FIRE PROTECTION**  
3  
1/4" = 1'-0"



Autodesk Docs: 202375.008 - VA Tuscaloosa EHRM Infrastructure Upgrades/202375.008 - VA EHRM Tuscaloosa R50\_Bldg.rvt  
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Office of  
 Construction  
 and Facilities  
 Management  
 U.S. Department  
 of Veterans Affairs

Drawing Title  
**BUILDING 40 LEVEL 01 - FIRE PROTECTION**

Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

Project Title  
**EHRM INFRASTRUCTURE UPGRADES**

Location  
**TUSCALOOSA VAMC, TUSCALOOSA, AL.**

Issue Date  
**03/08/2024**

Checked  
**JKK**

Drawn  
**PCM**

Project Number  
**679-20-104**

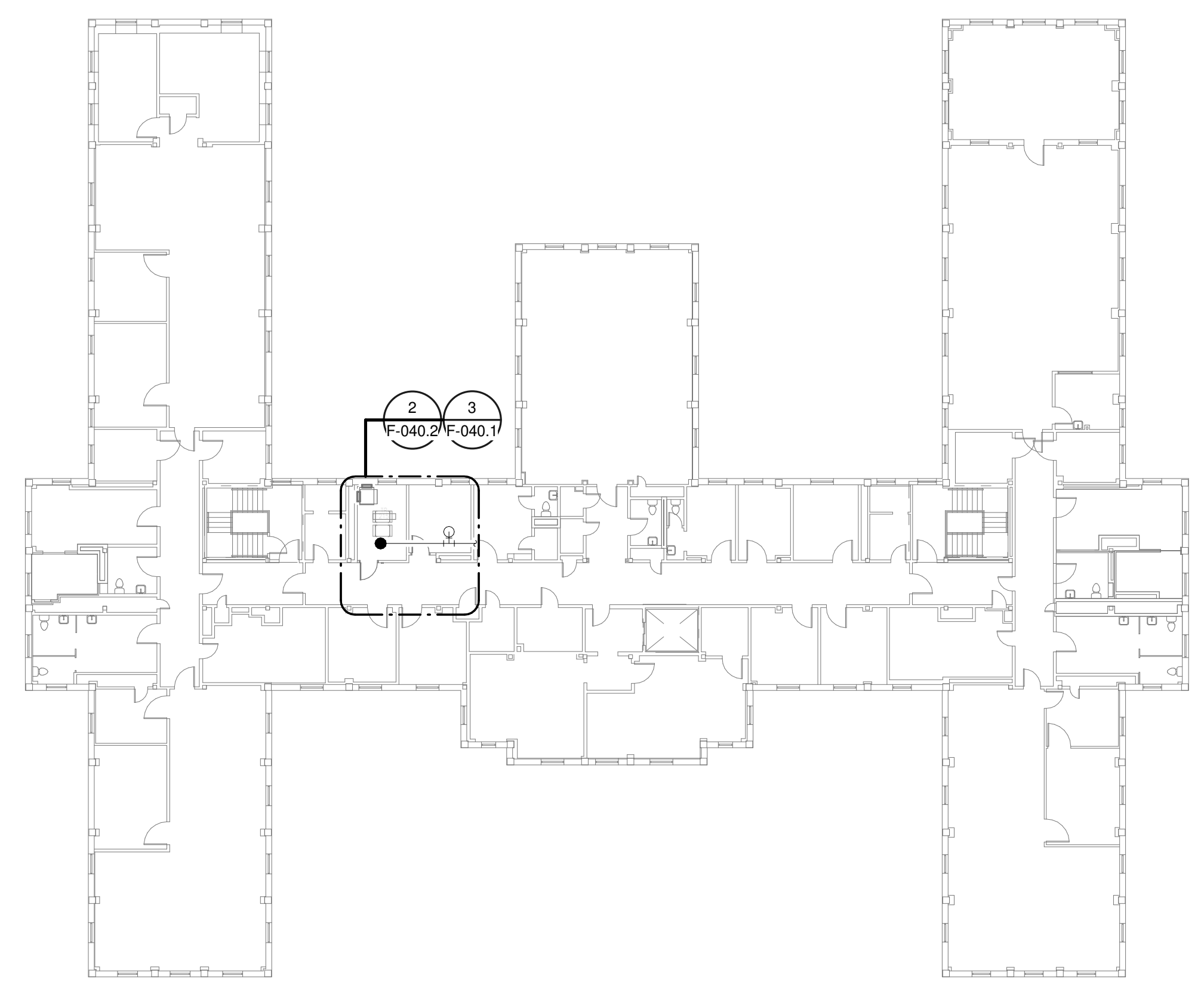
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**40**

Drawing Number  
**F-040.1**

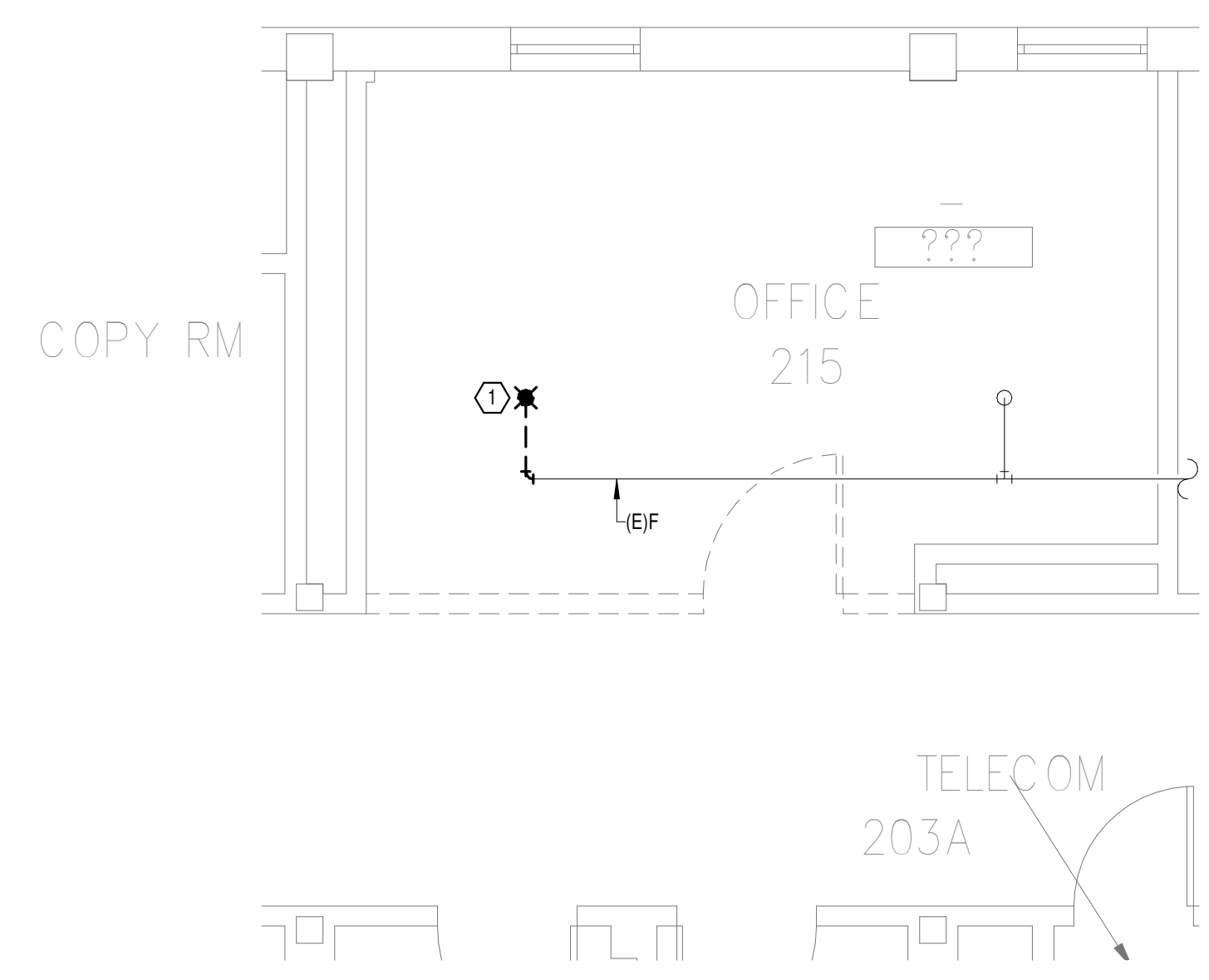


- GENERAL NOTES:**
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  - B. ON DEMOLITION PLANS; EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED. EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
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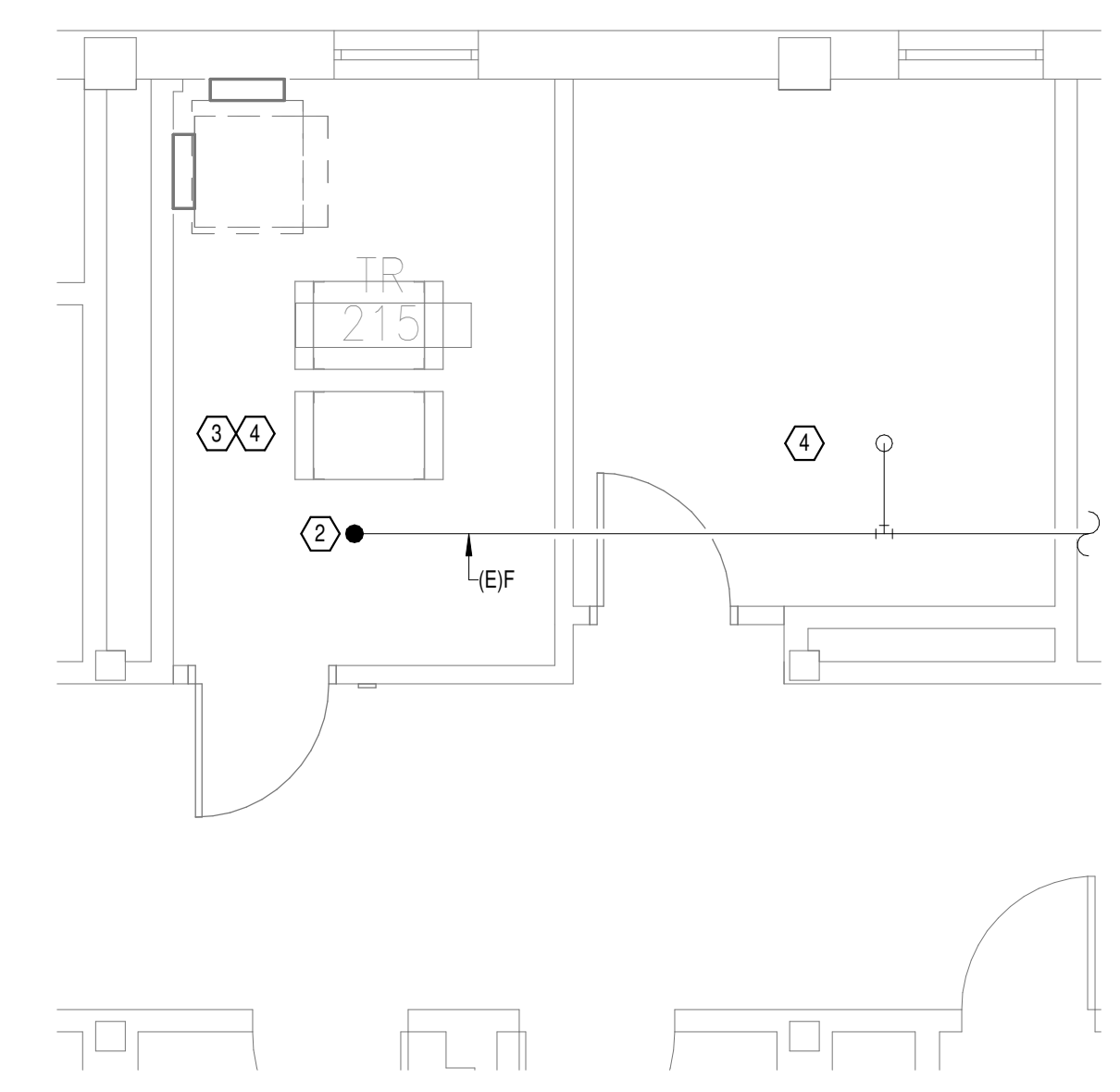
- SHEET NOTES:**
1. DEMOLISH EXISTING SPRINKLER HEAD FOR CEILING REMOVAL AND SPRINKLER PIPE TO POINT INDICATED. REFER TO NEW WORK PLANS FOR INSTALLATION OF NEW UPRIGHT HEADS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
  2. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE 215. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
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  4. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION "LIGHT HAZARD". RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.



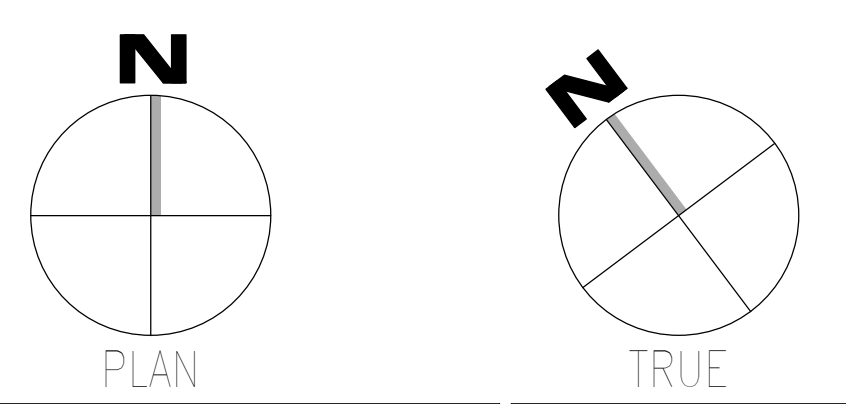
**OVERALL FLOOR PLAN  
LEVEL 02 - FIRE  
PROTECTION**  
1  
1" = 20'-0"



**DEMOLITION FLOOR  
PLAN LEVEL 02 - FIRE  
PROTECTION**  
2  
1/4" = 1'-0"



**NEW FLOOR PLAN LEVEL  
02 - FIRE PROTECTION**  
3  
1/4" = 1'-0"



Revisions:	Date:

**CONSULTANT**

**WileyWilson**  
127 Nationwide Drive  
Lynchburg, VA 24502  
Phone: 434.947.1901  
www.wileywilson.com

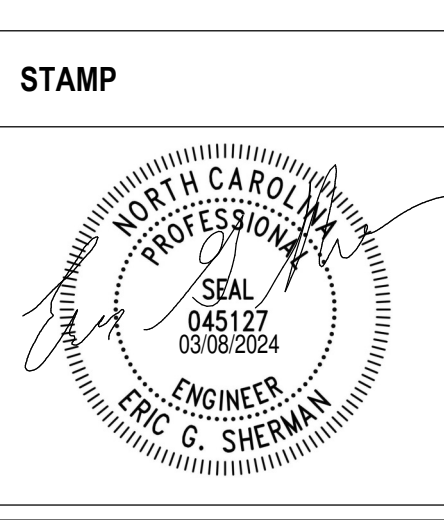
**SPECIALIZED ENGINEERING SOLUTIONS**  
Specialized Engineering Solutions  
1300 Baxter Street, Suite 355  
Charlotte, NC 28204

**ARCHITECT/ENGINEER OF RECORD**

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www.atriaxgroup.com

Atriax, pllc  
102 3rd Avenue, NE  
PO Box 1629, Hickory, NC 28603  
Phone: 828.315.9962  
Fax: 828.315.9964

NC Engineering License No.: P-0214  
NC Architectural License No.: 51254



**Office of Construction and Facilities Management**

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**BUILDING 40 LEVEL 02 - FIRE PROTECTION**

Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

Project Title EHRM INFRASTRUCTURE UPGRADES	Project Number 679-20-104
Building Number 40	Drawing Number F-040.2
Location TUSCALOOSA VAMC, TUSCALOOSA, AL.	Issue Date 03/08/2024
Checked JKK	Drawn PCM

**GENERAL NOTES:**

A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.

B. ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED. EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.

C. UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.

D. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.

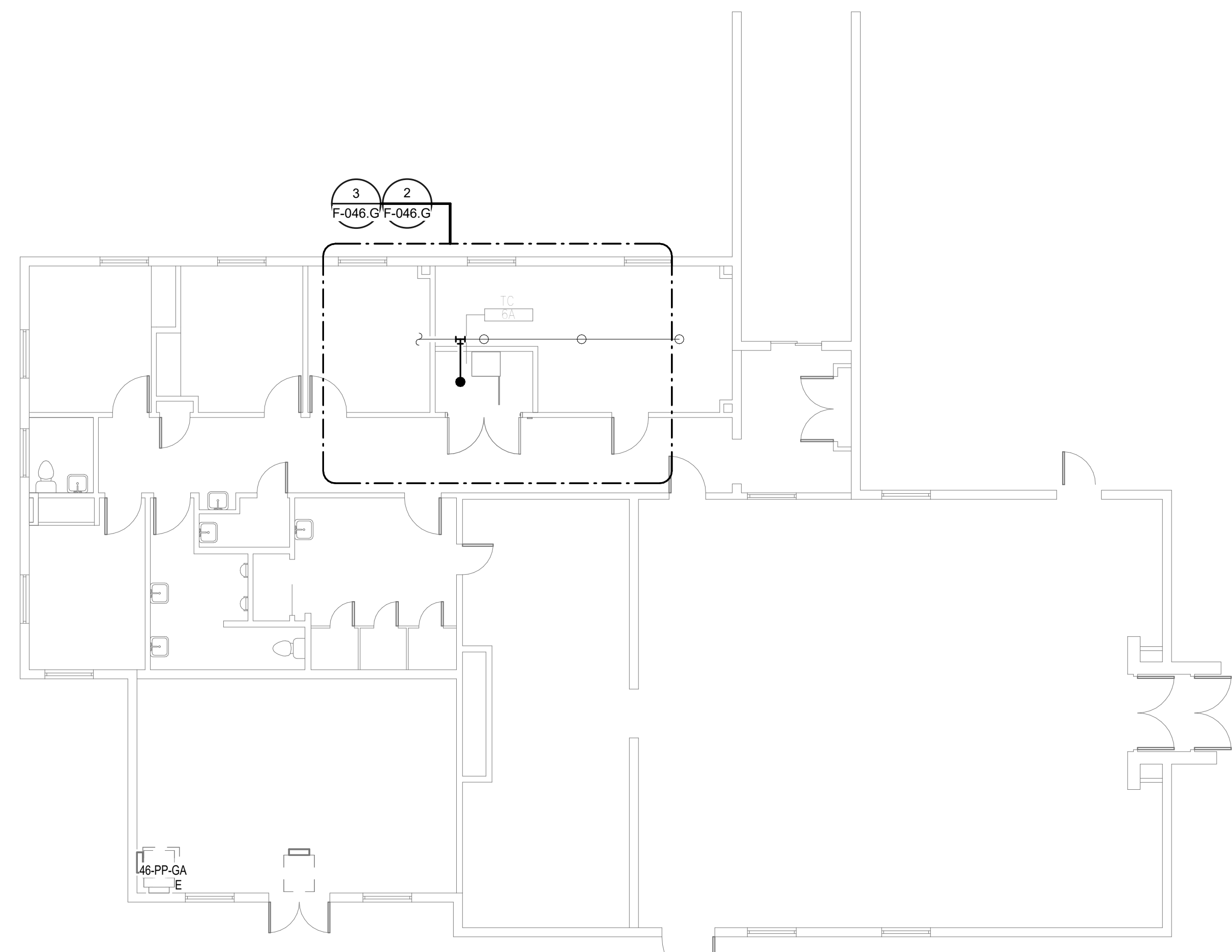
**SHEET NOTES:**

1. REMOVE EXISTING SPRINKLER HEAD FOR CEILING REMOVAL. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.

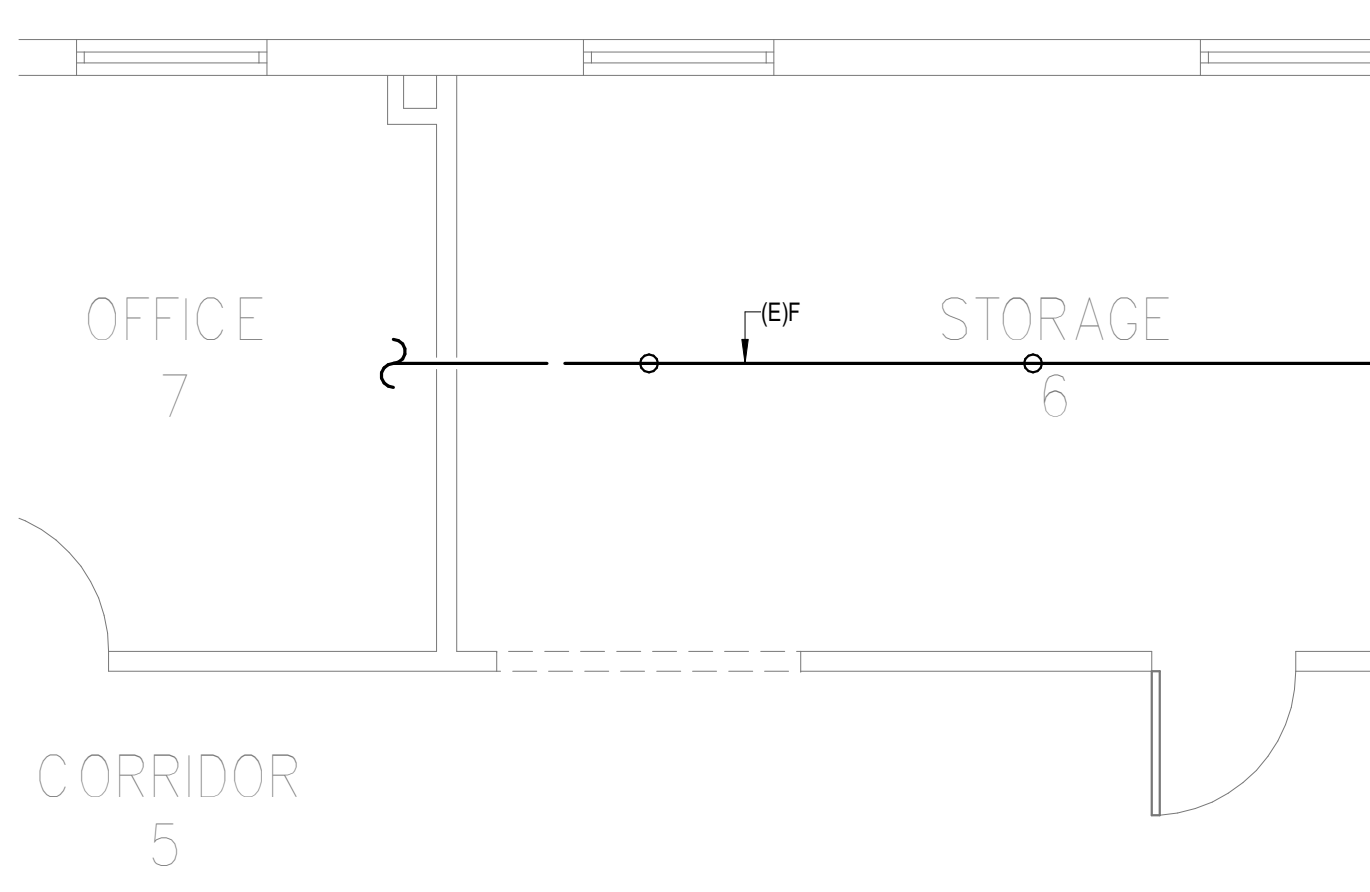
2. INSTALL NEW UPRIGHT SPRINKLER HEAD WITH MECHANICAL GUARDS TO SERVE 6A. VERIFY COVERAGE REQUIREMENTS.

3. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.

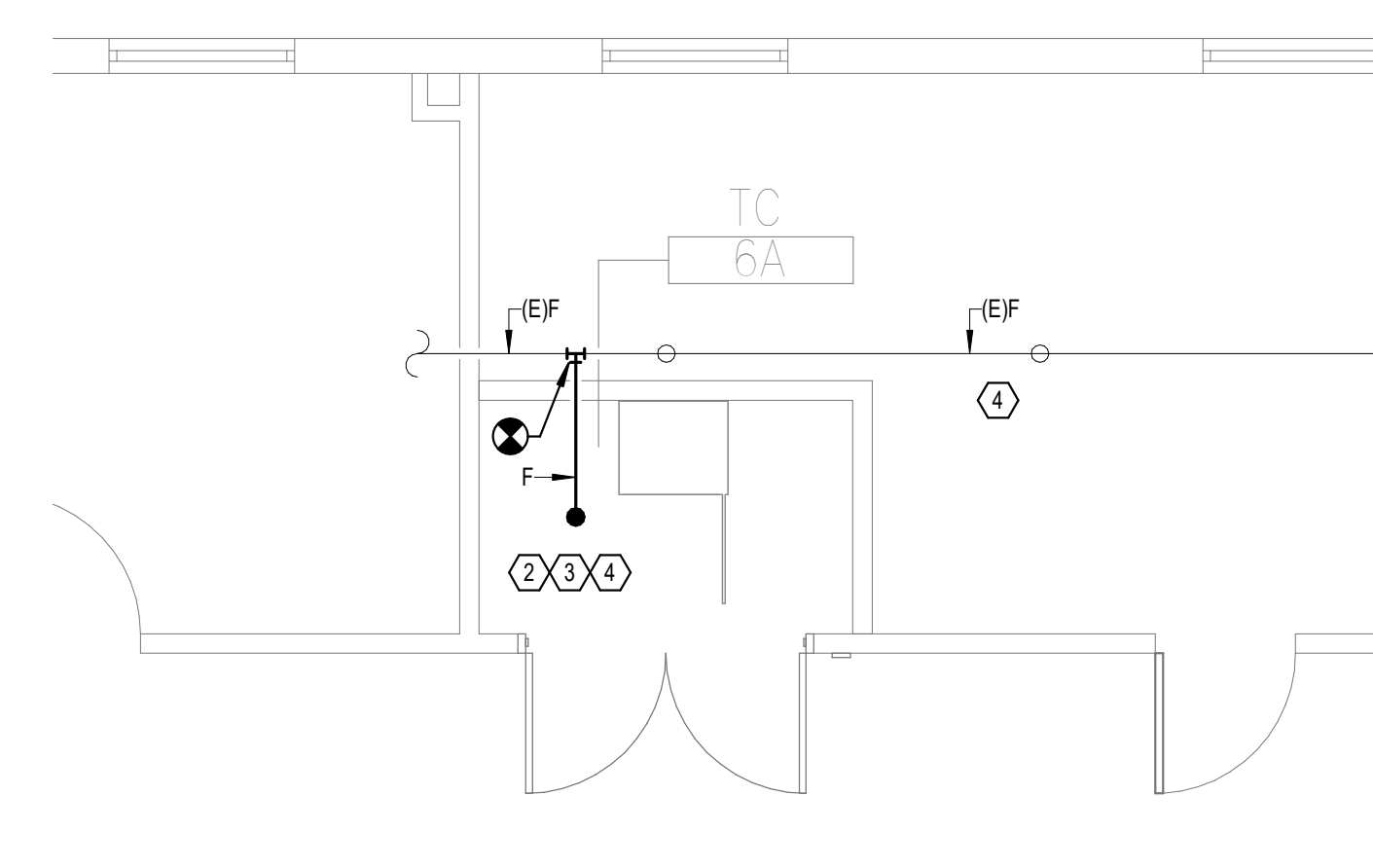
4. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION "LIGHT HAZARD", RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.



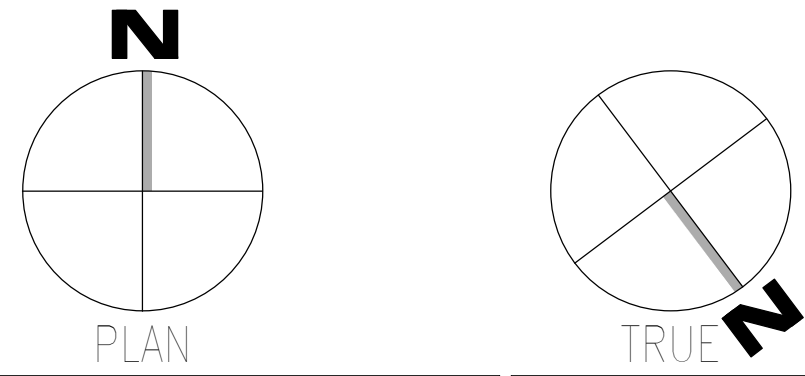
**OVERALL FLOOR PLAN  
GROUND LEVEL - FIRE  
PROTECTION**  
1  
1/8" = 1'-0"



**DEMOLITION FLOOR  
PLAN GROUND LEVEL -  
FIRE PROTECTION**  
2  
1/4" = 1'-0"



**NEW FLOOR PLAN  
GROUND LEVEL - FIRE  
PROTECTION**  
3  
1/4" = 1'-0"



Revisions:	Date:

**CONSULTANT**

**Wiley|Wilson**  
127 Nationwide Drive  
Lynchburg, VA 24502  
Phone: 434.947.1901  
www.wileywilson.com

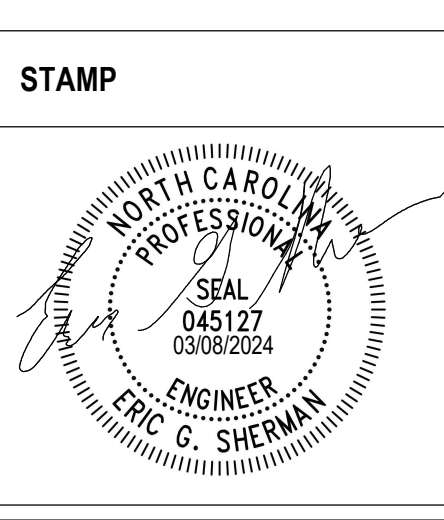
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Charlotte, NC 28204

**ARCHITECT/ENGINEER OF RECORD**

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NC Engineering License No.: P-0214  
NC Architectural License No.: 51254



Office of Construction and Facilities Management

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**BUILDING 46 GROUND LEVEL - FIRE PROTECTION**

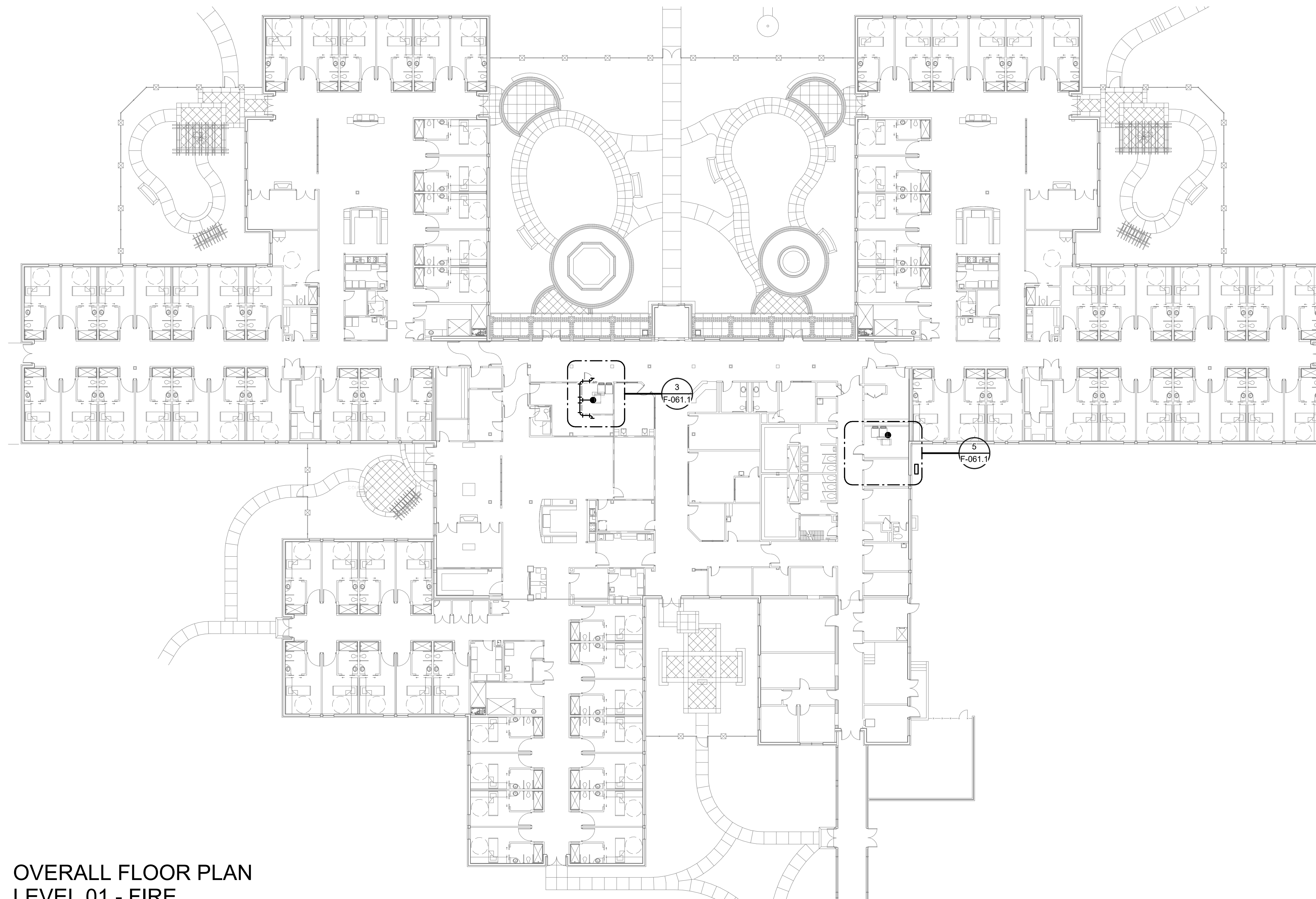
Approved:

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

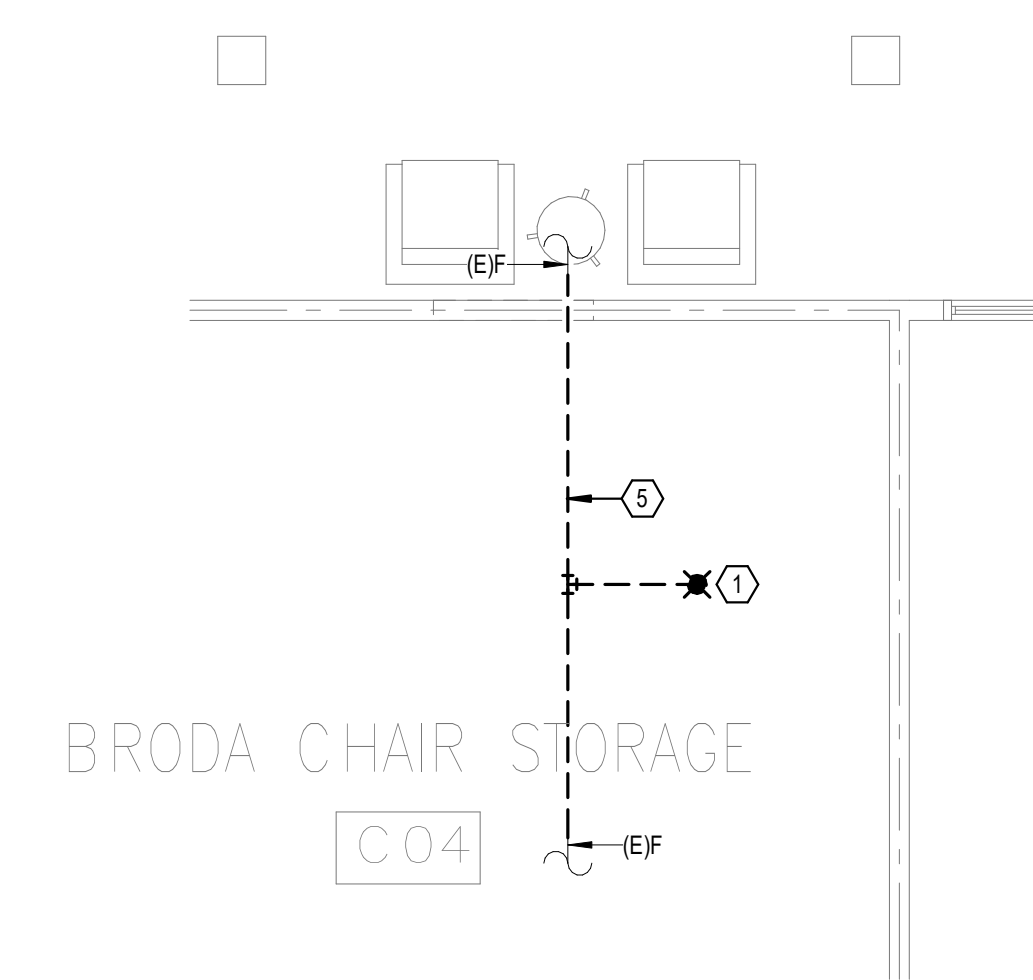
Project Title EHRM INFRASTRUCTURE UPGRADES	Project Number 679-20-104
Building Number 46	Drawing Number F-046.G
Location TUSCALOOSA VAMC, TUSCALOOSA, AL.	Issue Date 03/08/2024
Checked JKK	Drawn PCM

08/03/2024 15:30:12  
VA FORM 08-6231  
VA EHRM Infrastructure Upgrades/2025-008\_VA EHRM Tuscaloosa R50\_B061.rvt



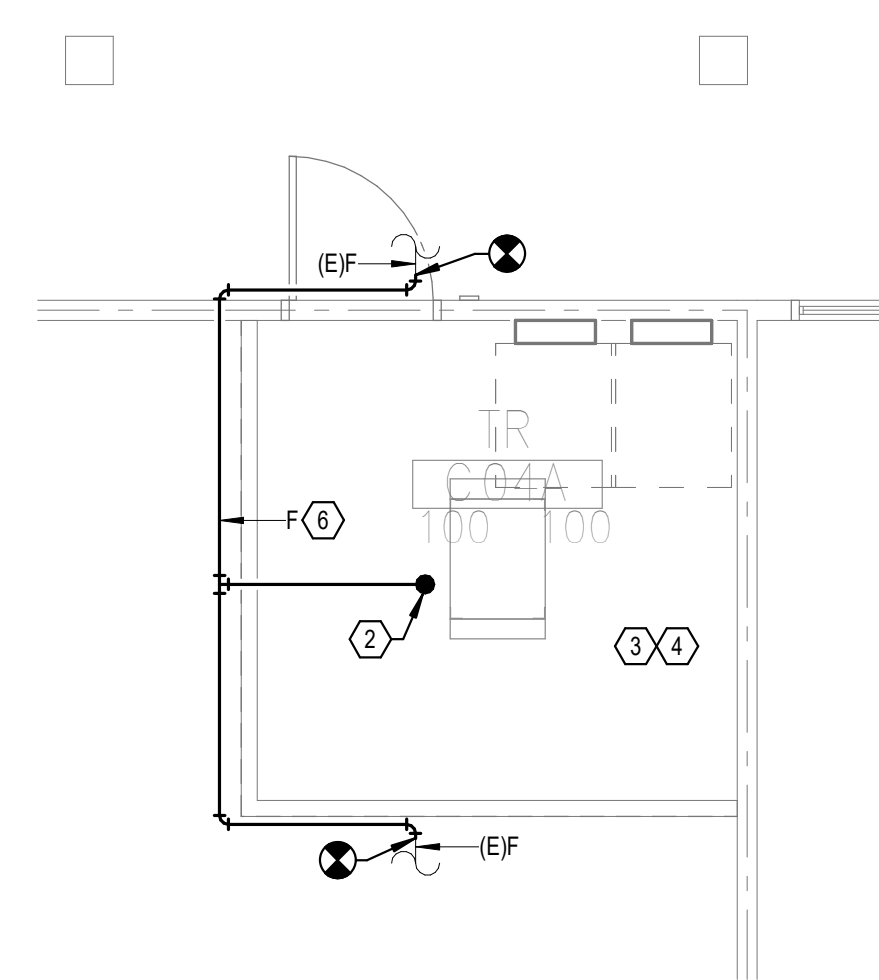
**OVERALL FLOOR PLAN  
LEVEL 01 - FIRE  
PROTECTION**

1  
1" = 20'-0"



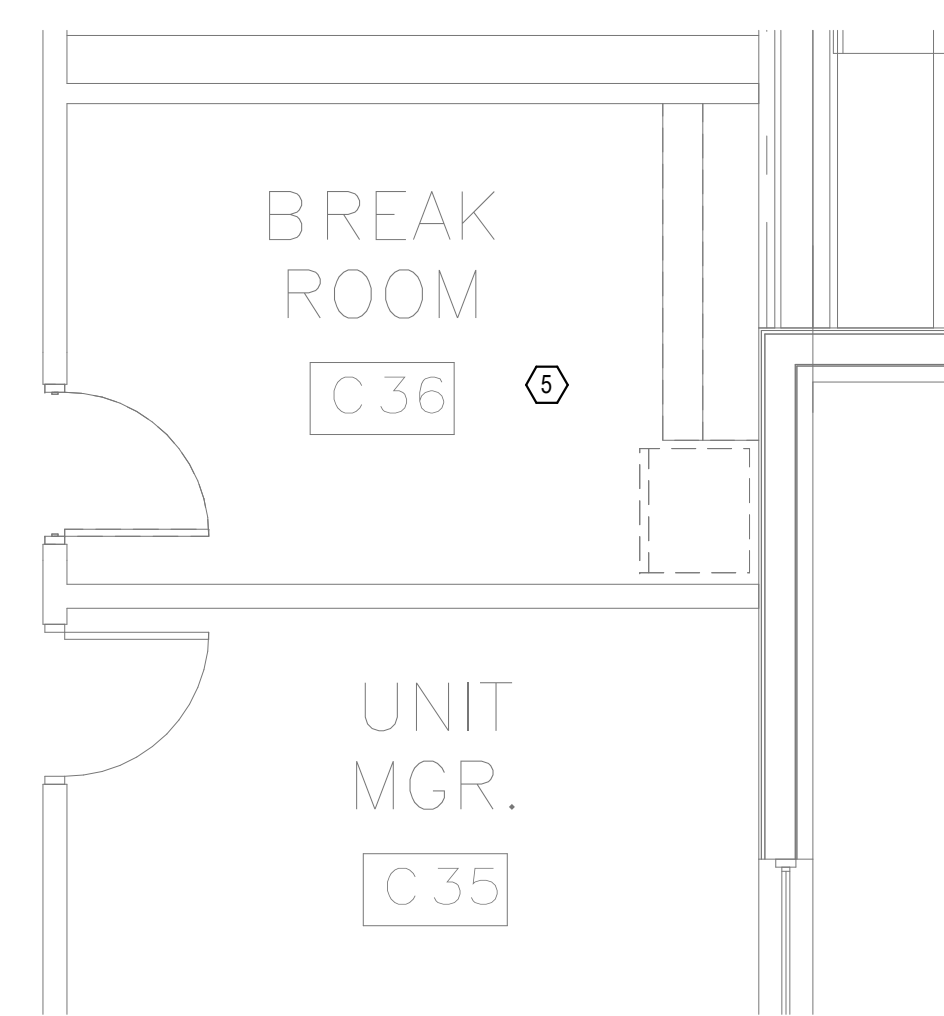
**DEMOLITION FLOOR  
PLAN LEVEL 01 - ROOM 1  
- FIRE PROTECTION**

2  
1/4" = 1'-0"



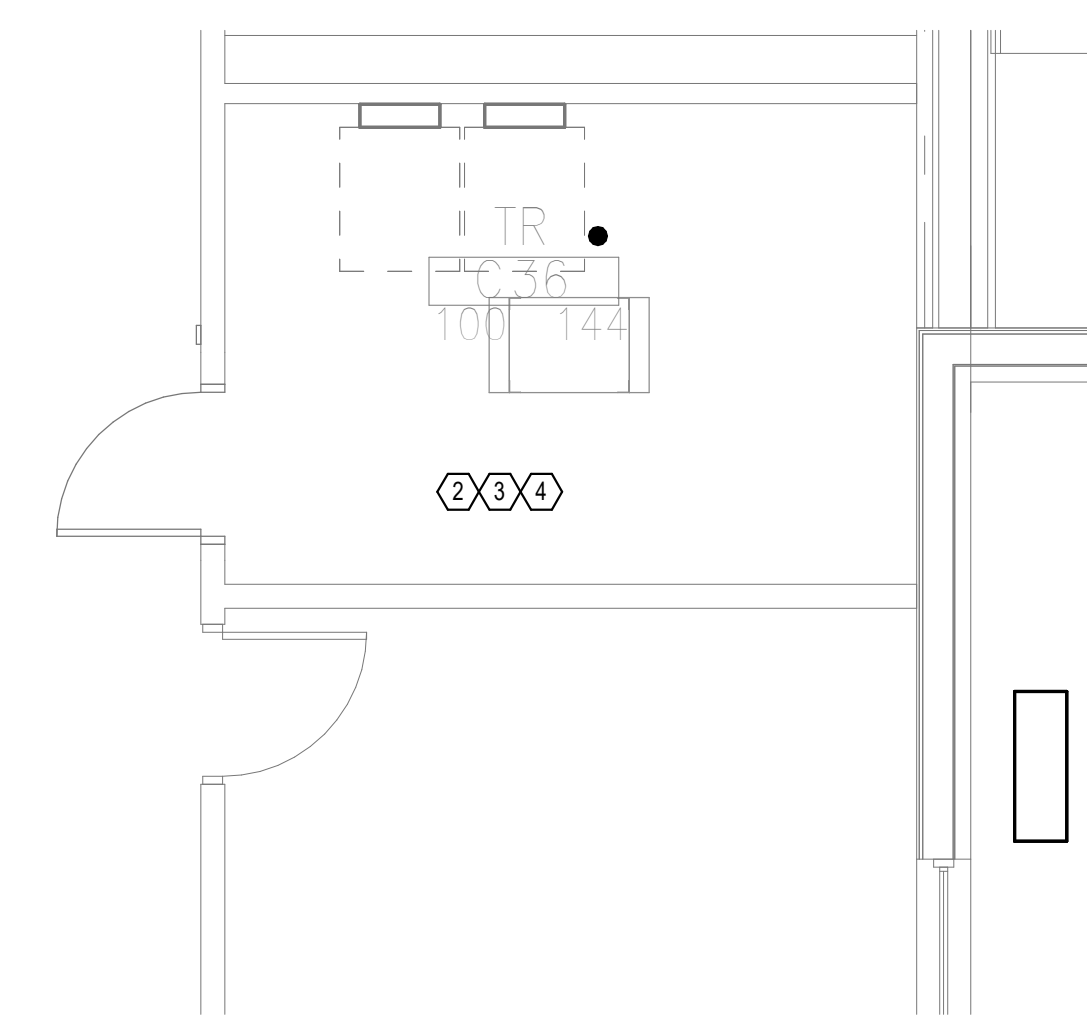
**NEW FLOOR PLAN LEVEL  
01 - ROOM 1 - FIRE  
PROTECTION**

3  
1/4" = 1'-0"



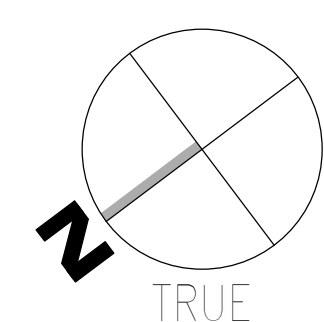
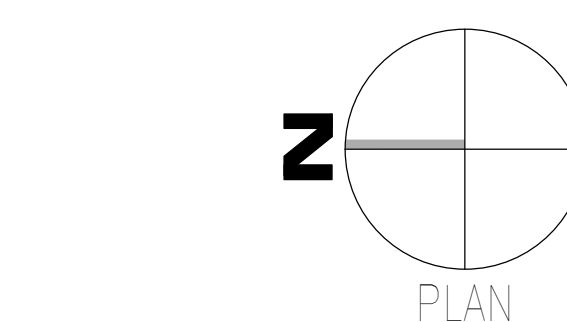
**DEMOLITION FLOOR  
PLAN LEVEL 01 - ROOM 2  
- FIRE PROTECTION**

4  
1/4" = 1'-0"



**NEW FLOOR PLAN LEVEL  
01 - ROOM 2 - FIRE  
PROTECTION**

5  
1/4" = 1'-0"



**GENERAL NOTES:**

- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
- B. ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED. EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
- C. UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
- D. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.

**SHEET NOTES:**

- 1. REMOVE EXISTING SPRINKLER HEAD FOR CEILING REMOVAL. REFER TO NEW WORK PLANS FOR INSTALLATION OF NEW UPRIGHT HEADS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 2. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE TR. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 3. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
- 4. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION 'LIGHT HAZARD'. RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.
- 5. DEMOLISH FIRE PROTECTION PIPING BACK TO BOUNDARY OF NEW TR.
- 6. REROUTE FIRE PROTECTION BRANCH OUTSIDE OF TR.

Revisions:	Date:

**CONSULTANT**

**WileyWilson**  
127 Nationwide Drive  
Lynchburg, VA 24502  
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www.wileywilson.com

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Phone: 828.315.9962  
Fax: 828.315.9964

NC Engineering License No.: P-0214  
NC Architectural License No.: 51254

**STAMP**

**Office of Construction and Facilities Management**

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**BUILDING 61 LEVEL 01 - FIRE PROTECTION**

Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

Project Title  
**EHRM INFRASTRUCTURE UPGRADES**

Location  
**TUSCALOOSA VAMC, TUSCALOOSA, AL.**

Issue Date  
**03/08/2024**

Checked  
**JKK**

Drawn  
**PCM**

Project Number  
**679-20-104**

Building Number  
**61**

Drawing Number  
**F-061.1**

A

B

C

D

E

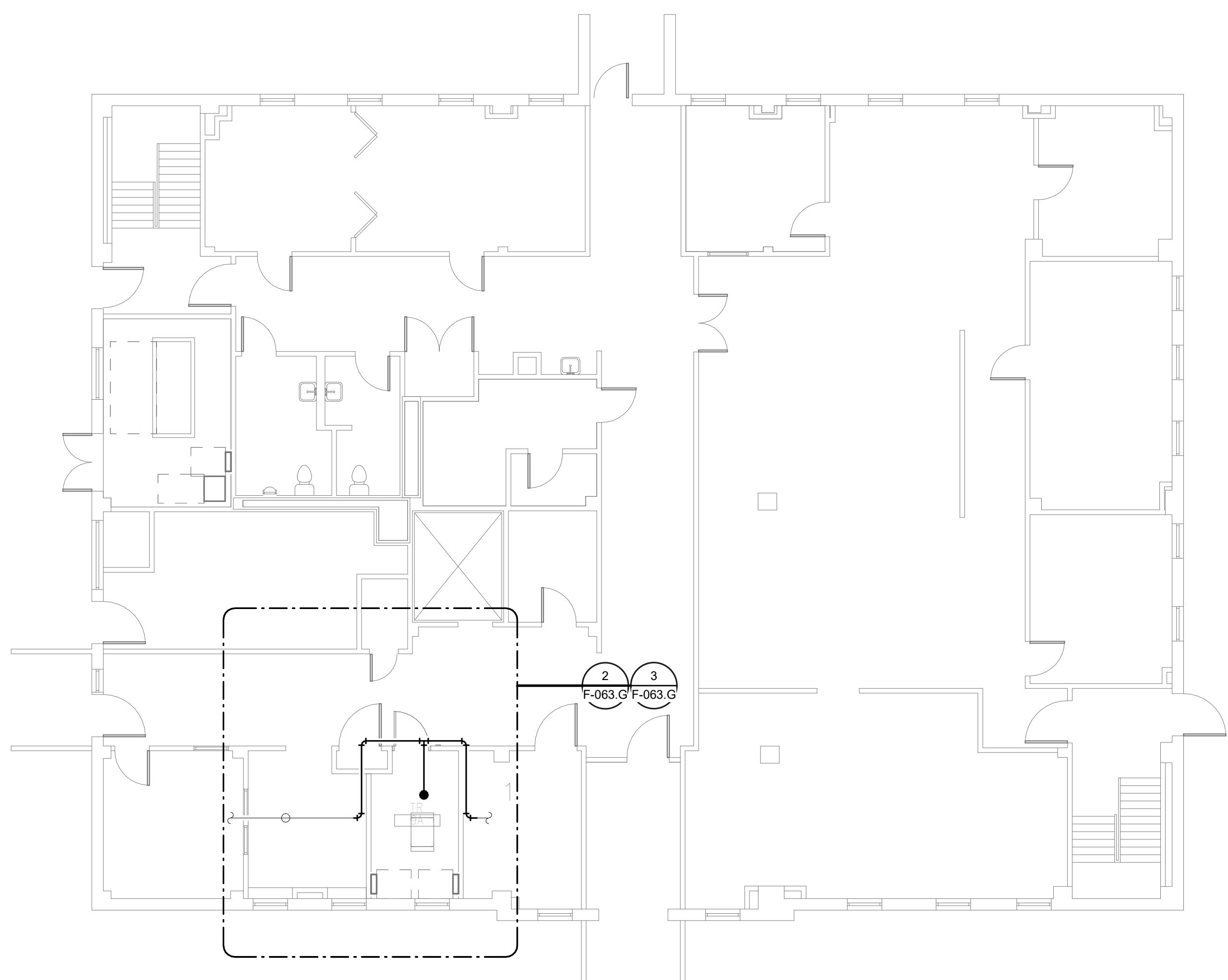
F

**GENERAL NOTES:**

- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
- B. ON DEMOLITION PLANS: EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED. EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
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- D. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.

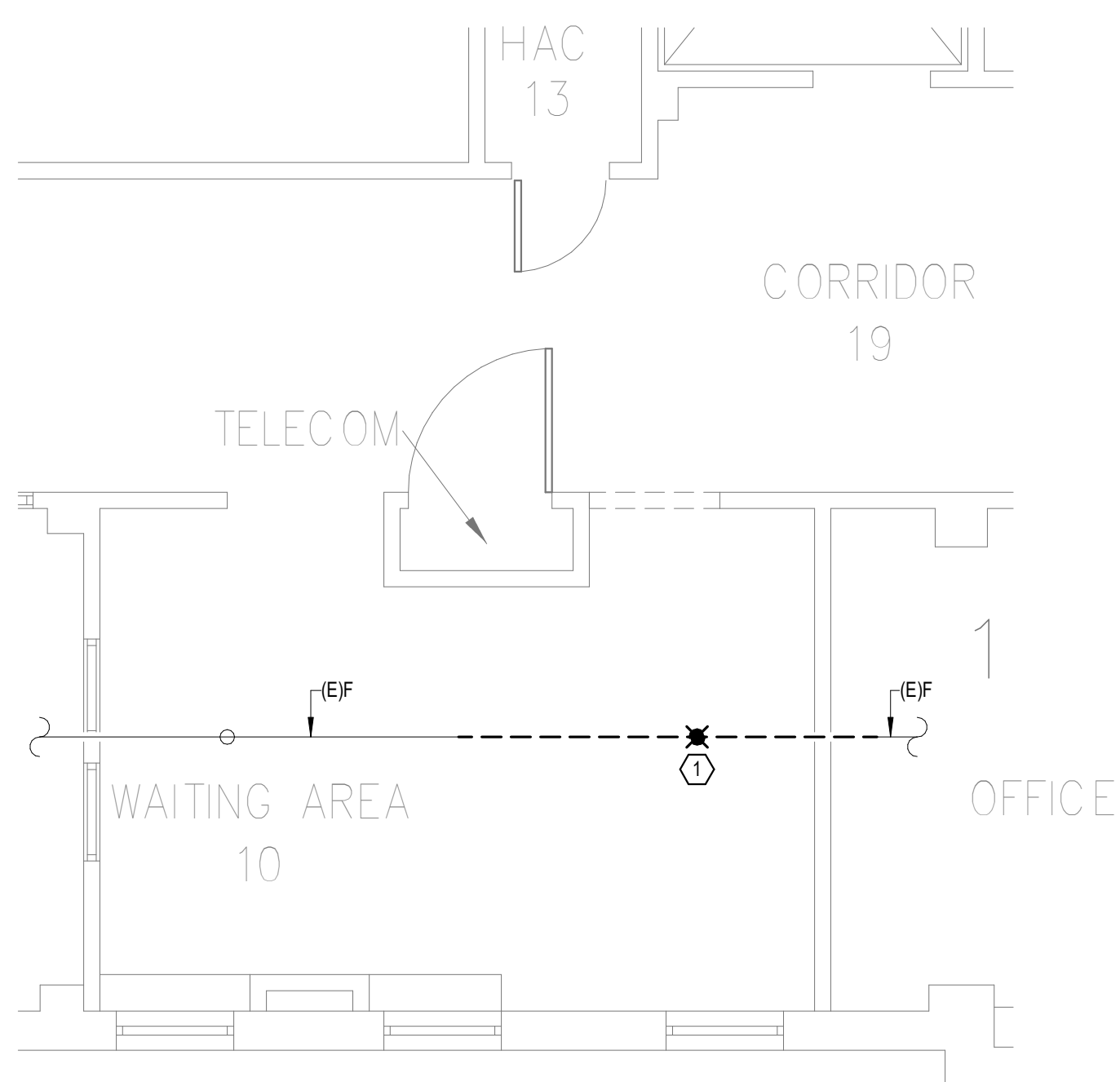
**SHEET NOTES:**

- 1. REMOVE EXISTING SPRINKLER HEAD FOR CEILING REMOVAL. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 2. REROUTE NEW FIRE PROTECTION PIPING OUTSIDE OF NEW TR 10.
- 3. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE TR 10. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 4. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
- 5. AREA OF EXISTING SPRINKLER COVERAGE: HAZARD CLASSIFICATION "LIGHT HAZARD". RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.



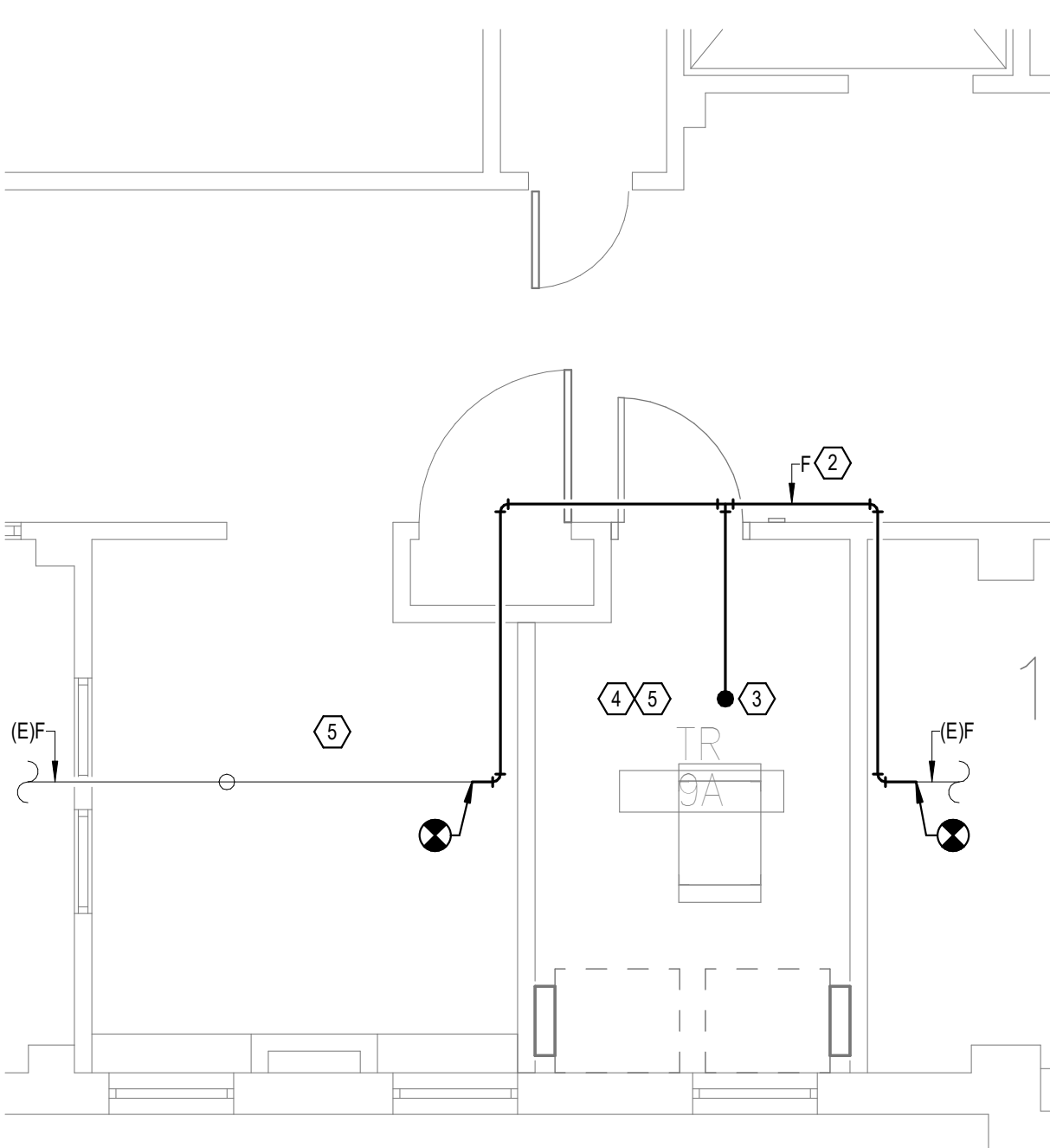
**OVERALL FLOOR PLAN  
GROUND LEVEL - FIRE  
PROTECTION**

1  
1/8" = 1'-0"



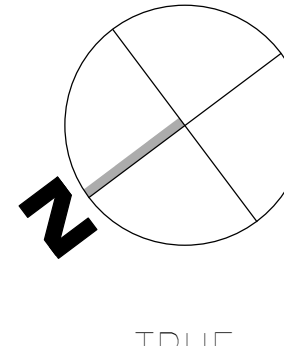
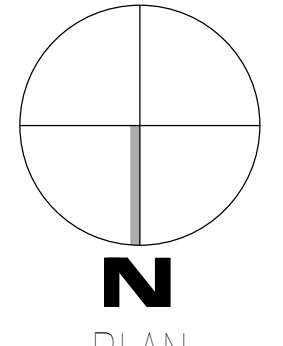
**DEMOLITION FLOOR  
PLAN GROUND LEVEL -  
FIRE PROTECTION**

2  
1/4" = 1'-0"



**NEW FLOOR PLAN  
GROUND LEVEL - FIRE  
PROTECTION**

3  
1/4" = 1'-0"



Autodesk/Draw: 2023/05/08 - VA - Tuscaloosa EHRM Infrastructure Upgrades/2023/05/08 - VA - EHRM Infrastructure Upgrades - R50 - 0005.rvt  
 08/03/2024 15:18:18  
 VA FORM 08 - 6231

Revisions:	Date:

<b>CONSULTANT</b>  WileyWilson 127 Nationwide Drive Lynchburg, VA 24502 Phone: 434.947.1901 www.wileywilson.com	 SPECIALIZED ENGINEERING SOLUTIONS Specialized Engineering Solutions 1300 Baxter Street, Suite 355 Charlotte, NC 28204
---	--

<b>ARCHITECT/ENGINEER OF RECORD</b>  Atriax, pllc 102 3rd Avenue, NE PO Box 1629, Hickory, NC 28603 Phone: 828.315.9962 Fax: 828.315.9964 NC Engineering License No.: P-0214 NC Architectural License No.: 51254	<b>STAMP</b> 
--	------------------

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

Drawing Title <b>BUILDING 63 GROUND LEVEL -                  FIRE PROTECTION</b>
Approved:

Phase <b>100% CONSTRUCTION                  DOCUMENTS</b>
<b>FULLY SPRINKLERED</b>

Project Title EHRM INFRASTRUCTURE UPGRADES	Project Number 679-20-104
Location TUSCALOOSA VAMC, TUSCALOOSA, AL.	Building Number 63
Issue Date 03/08/2024	Checked JKK
Drawn PCM	Drawing Number <b>F-063.G</b>

A

B

C

D

E

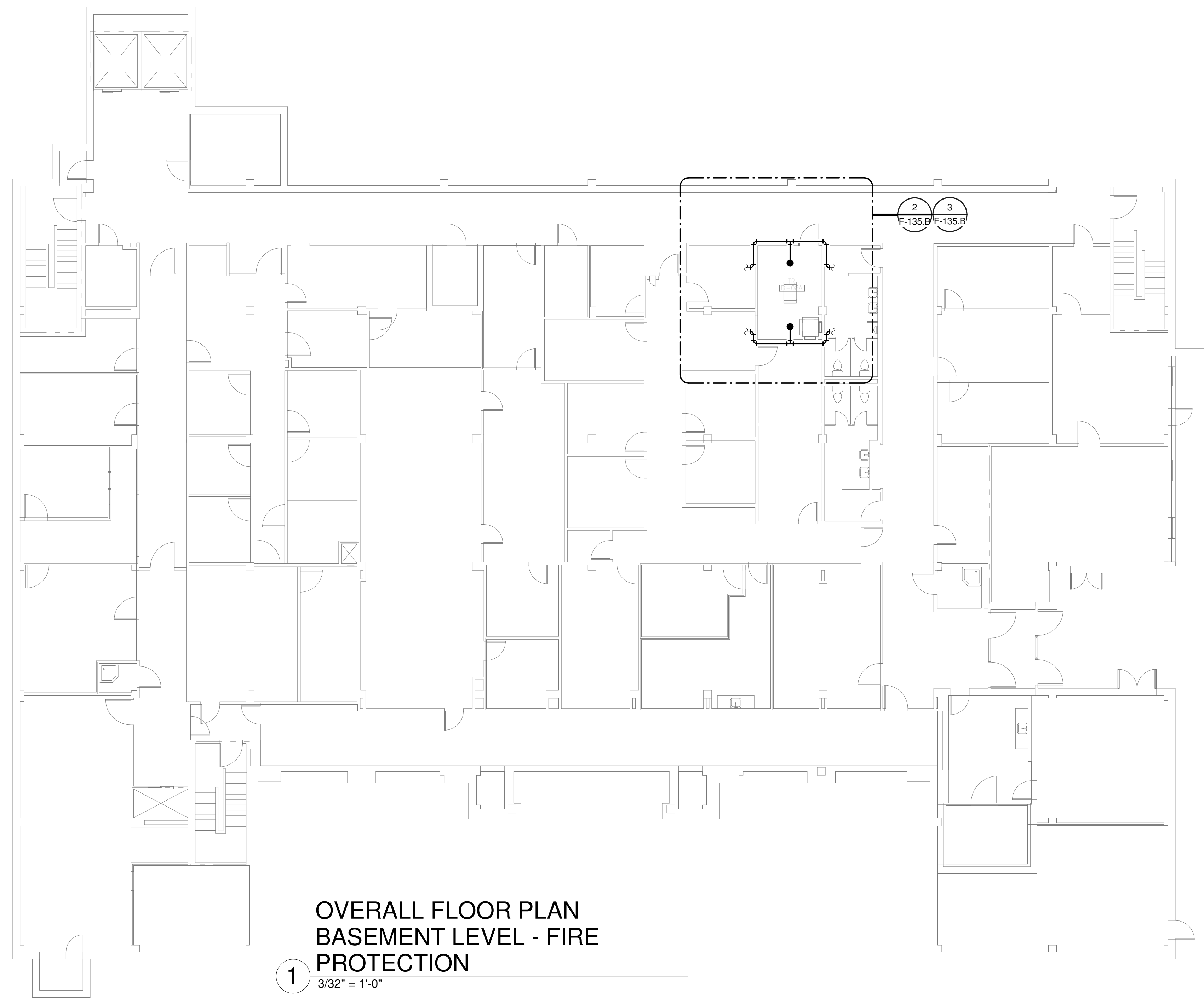
F

**GENERAL NOTES:**

- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
- B. ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED, EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
- C. UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
- D. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.

**SHEET NOTES:**

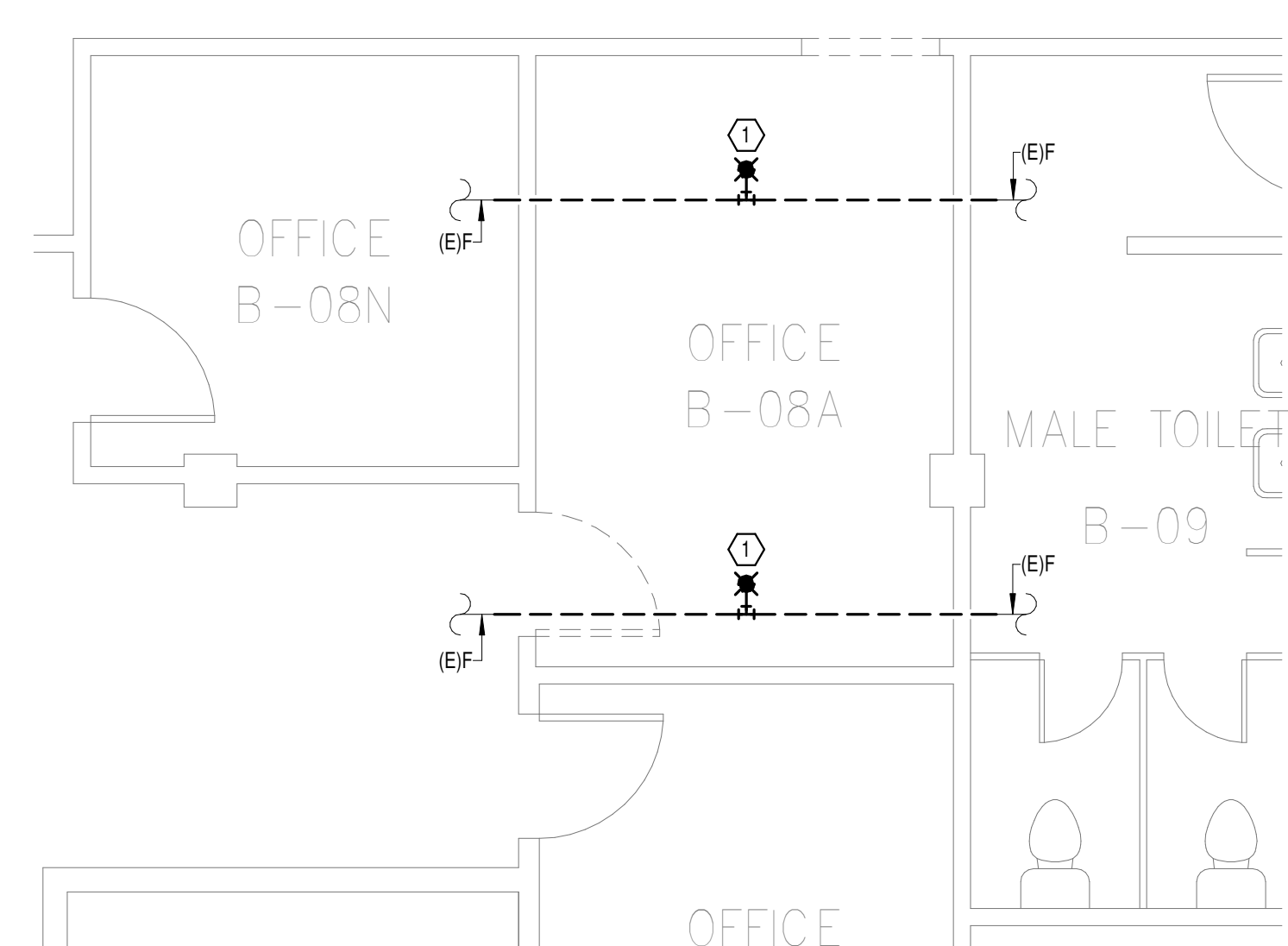
- 1. DEMOLISH FIRE PROTECTION BACK TO BOUNDARY OF NEW TR B-08A.
- 2. REROUTE NEW FIRE PROTECTION PIPING OUTSIDE OF NEW TR B-08A.
- 3. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE B-08A. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 4. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
- 5. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION "LIGHT HAZARD". RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.



**OVERALL FLOOR PLAN  
BASEMENT LEVEL - FIRE  
PROTECTION**

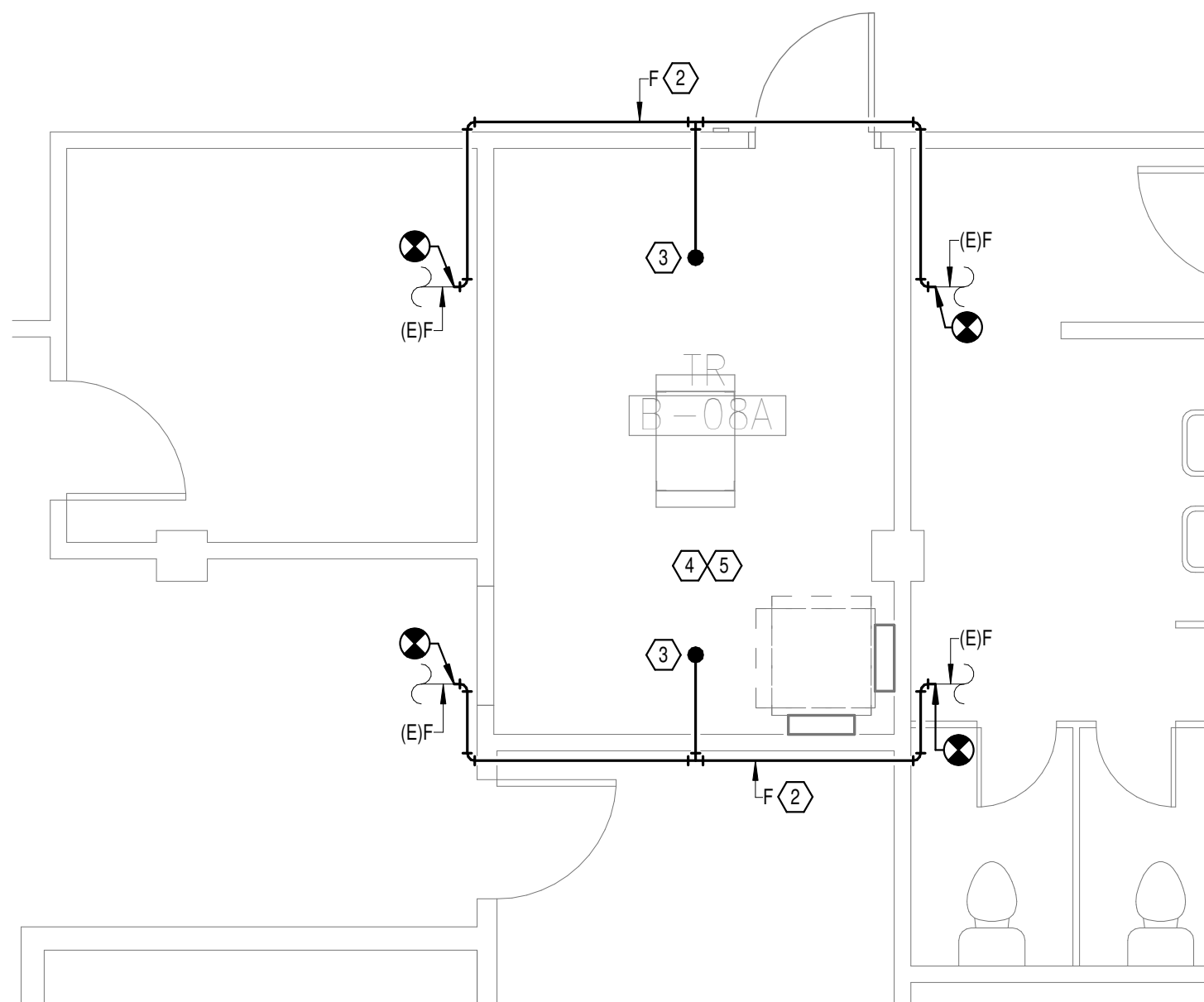
1  
3/32" = 1'-0"

CORRIDOR  
CB-2



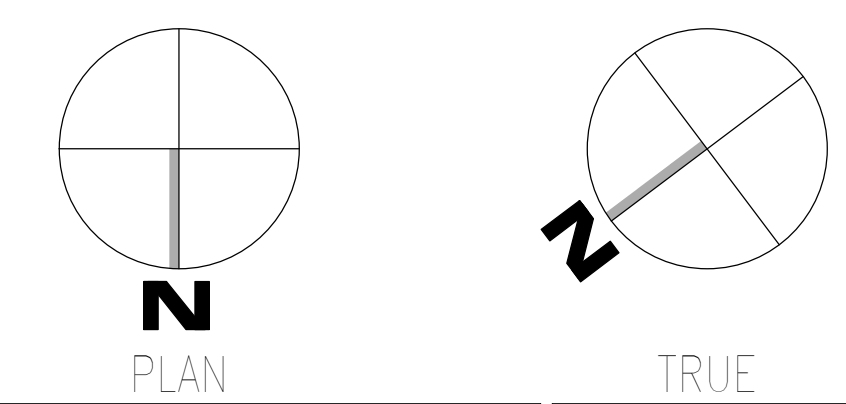
**DEMOLITION FLOOR  
PLAN BASEMENT LEVEL -  
FIRE PROTECTION**

2  
1/4" = 1'-0"



**NEW FLOOR PLAN  
BASEMENT LEVEL - FIRE  
PROTECTION**

3  
1/4" = 1'-0"



08/03/2024 15:12:47  
 Autodesk: C:\Users\202375\_008 - VA Tuscaloosa EHRM Infrastructure Upgrades\202375\_008 - VA EHRM Tuscaloosa - R50 - B135.rvt  
 VA FORM 08 - 6231

Revisions:	Date:

**CONSULTANT**

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 127 Nationwide Drive  
 Lynchburg, VA 24502  
 Phone: 434.947.1901  
 www.wileywilson.com

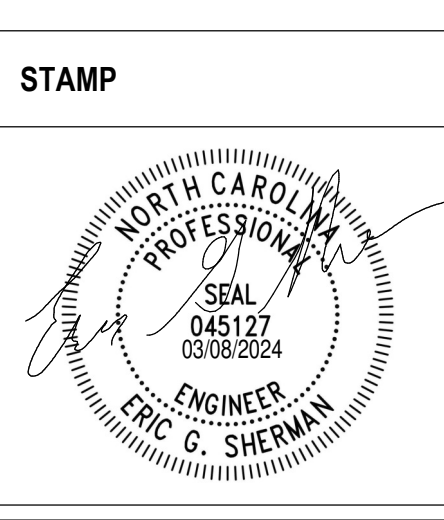
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 Fax: 828.315.9964

NC Engineering License No.: P-0214  
 NC Architectural License No.: 51254



Office of  
 Construction  
 and Facilities  
 Management

**VA** U.S. Department  
 of Veterans Affairs

Drawing Title  
**BUILDING 135 BASEMENT LEVEL -  
 FIRE PROTECTION**

Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION  
 DOCUMENTS**

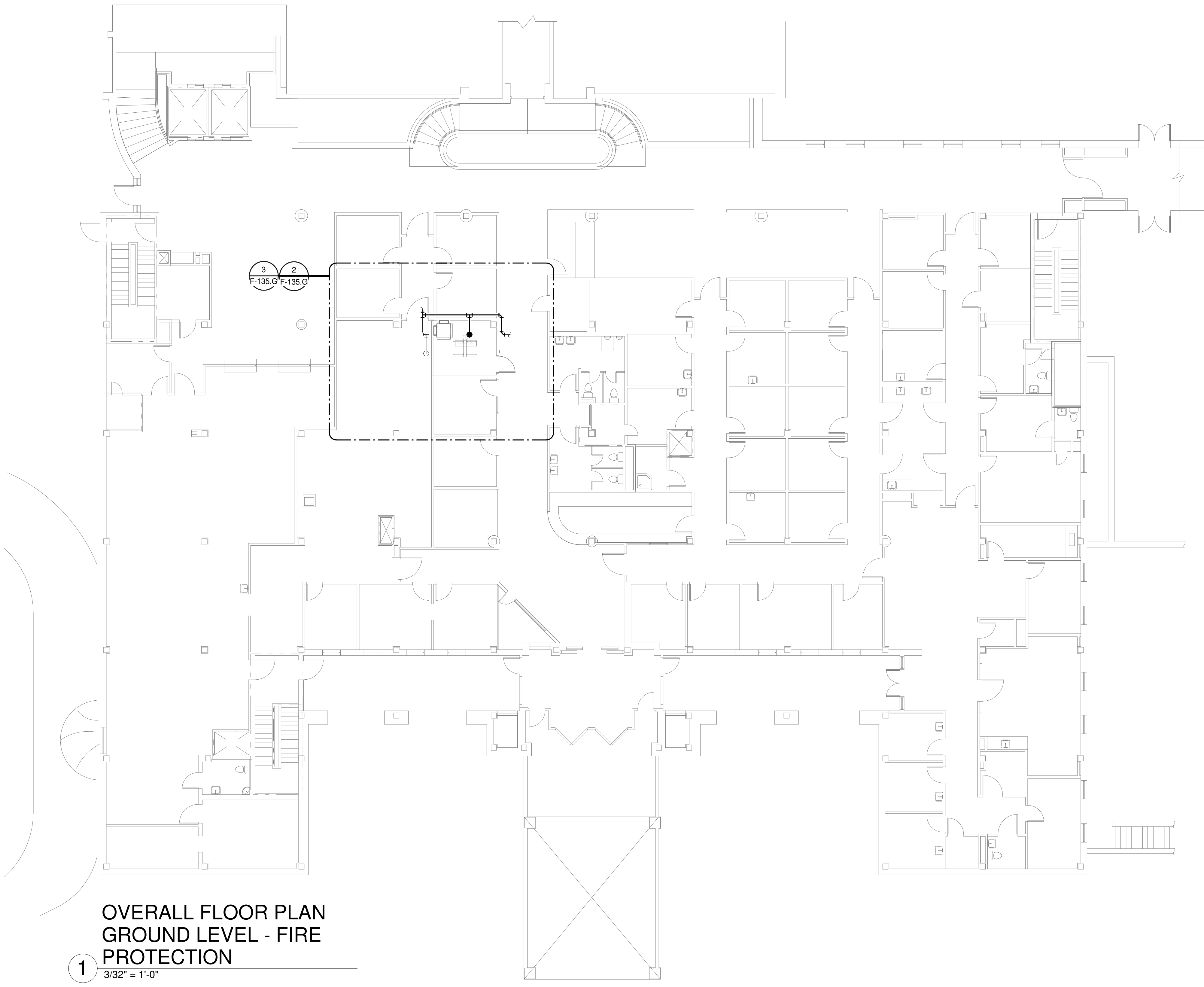
**FULLY SPRINKLERED**

Project Title EHRM INFRASTRUCTURE UPGRADES			Project Number 679-20-104
Location TUSCALOOSA VAMC, TUSCALOOSA, AL.			Building Number 135
Issue Date 03/08/2024	Checked JKK	Drawn PCM	Drawing Number F-135.B

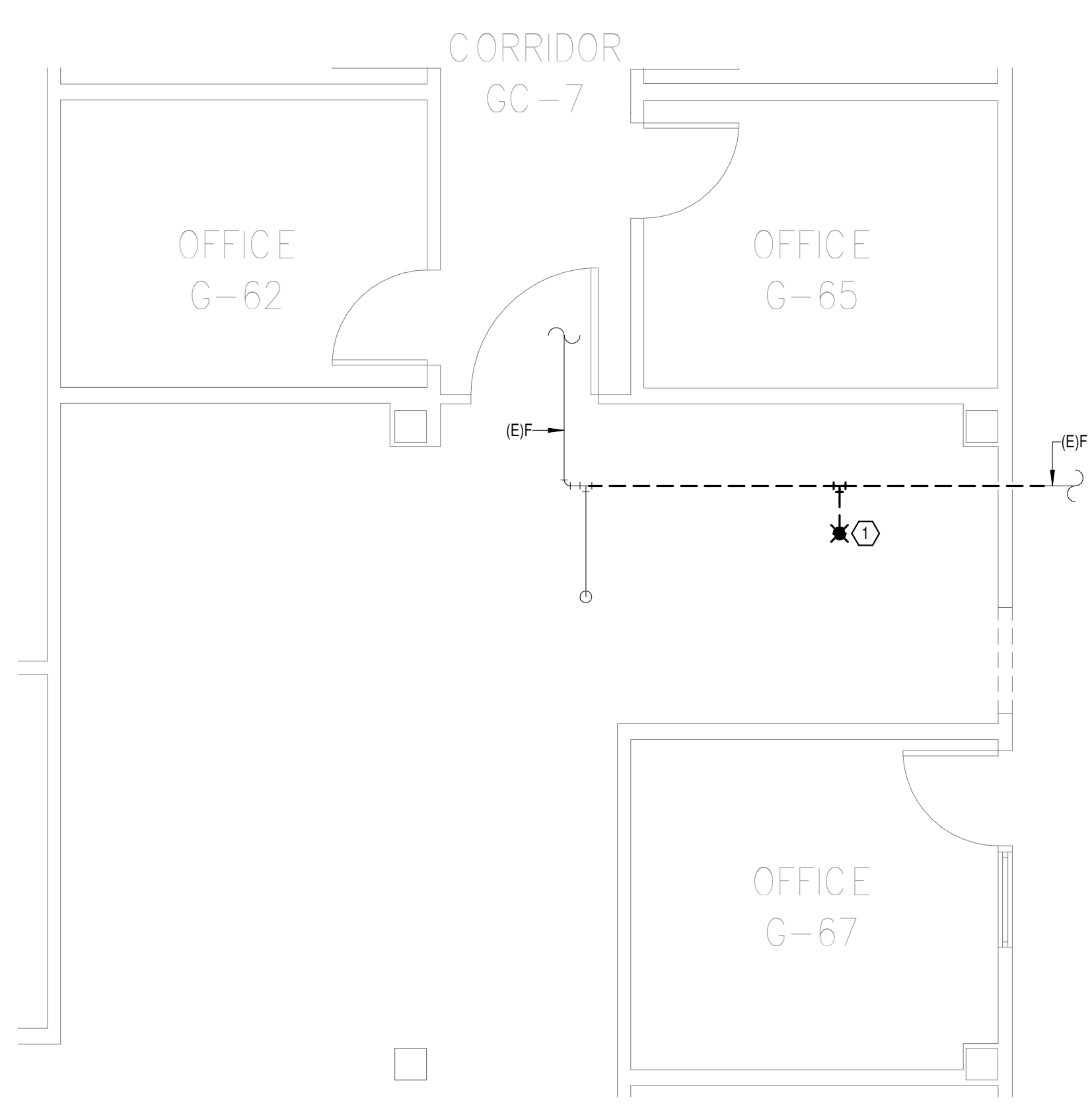
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- GENERAL NOTES:**
- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
  - B. ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED. EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
  - C. UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
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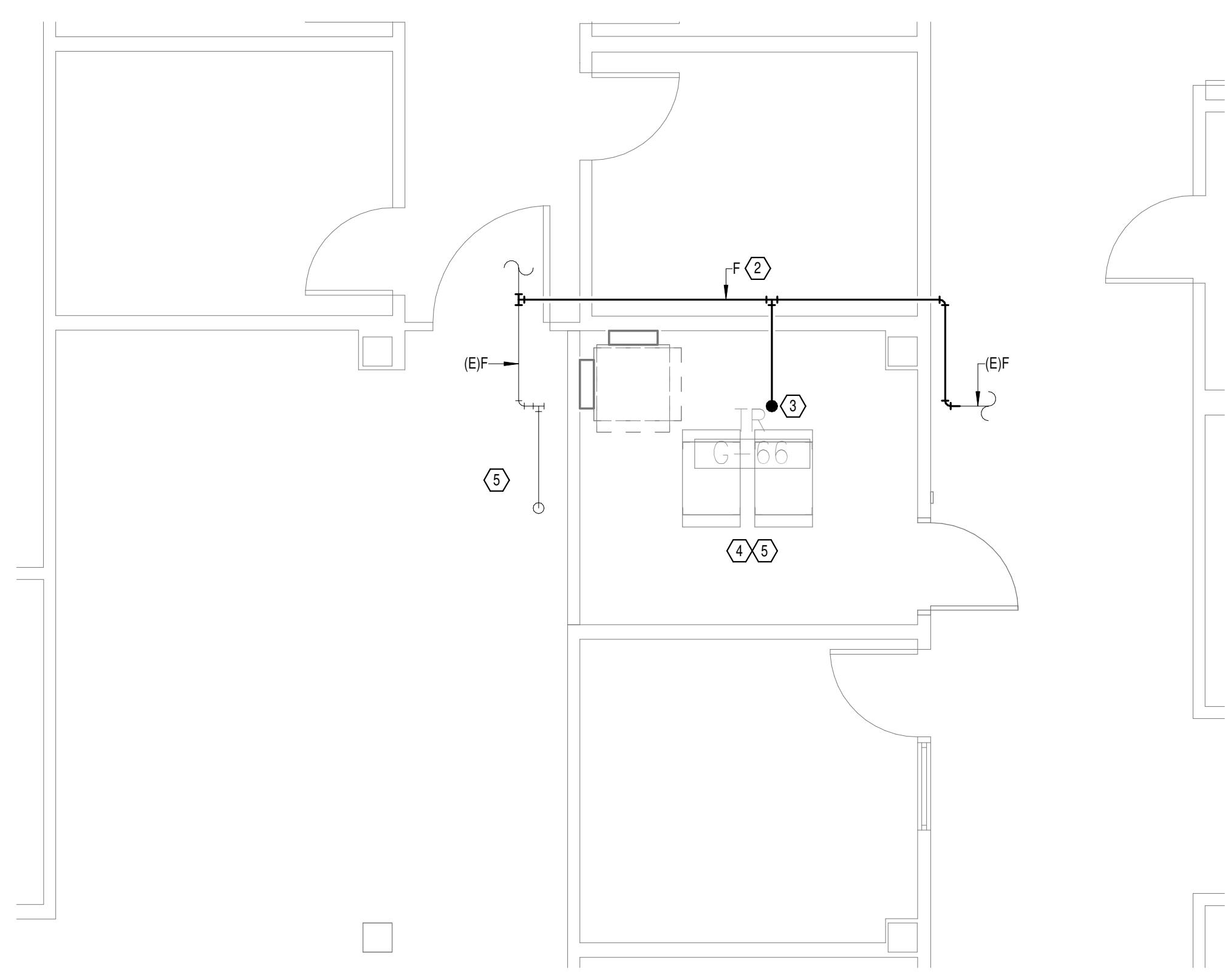
- SHEET NOTES:**
- 1. DEMOLISH FIRE PROTECTION BACK TO BOUNDARY OF NEW TR G-66.
  - 2. REROUTE NEW FIRE PROTECTION PIPING OUTSIDE OF NEW TR G-66.
  - 3. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE G-66. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
  - 4. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
  - 5. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION 'LIGHT HAZARD'. RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.



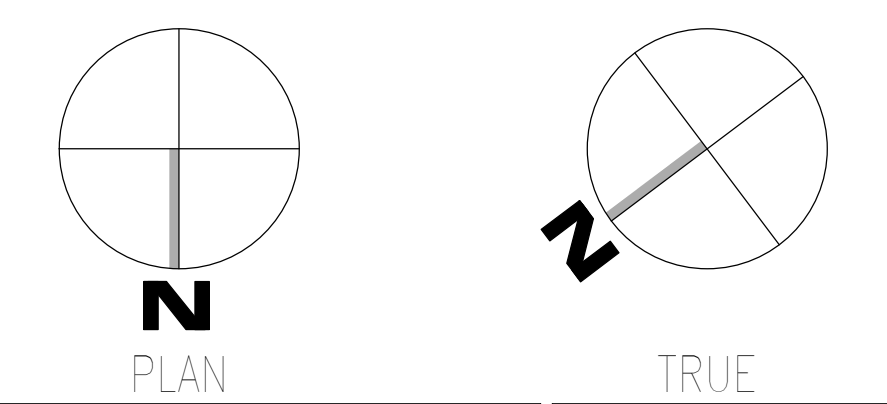
**1**  
**OVERALL FLOOR PLAN  
 GROUND LEVEL - FIRE  
 PROTECTION**  
 3/32" = 1'-0"



**2**  
**DEMOLITION FLOOR  
 PLAN GROUND LEVEL -  
 FIRE PROTECTION**  
 1/4" = 1'-0"



**3**  
**NEW FLOOR PLAN  
 GROUND LEVEL - FIRE  
 PROTECTION**  
 1/4" = 1'-0"



Revisions:	Date:

**CONSULTANT**

**WileyWilson**  
 127 Nationwide Drive  
 Lynchburg, VA 24502  
 Phone: 434.947.1901  
 www.wileywilson.com

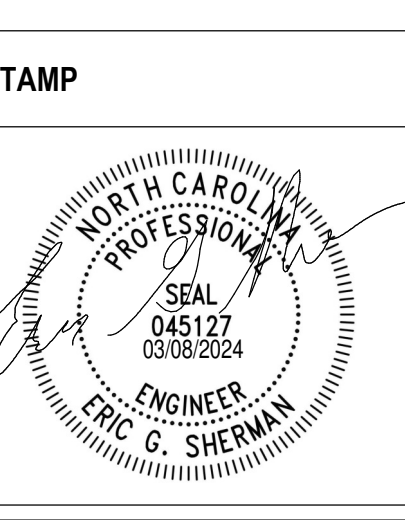
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 Fax: 828.315.9964

NC Engineering License No.: P-0214  
 NC Architectural License No.: 51254



**Office of Construction and Facilities Management**

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**BUILDING 135 GROUND LEVEL - FIRE PROTECTION**

Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

Project Title  
**EHRM INFRASTRUCTURE UPGRADES**

Project Number  
**679-20-104**

Building Number  
**135**

Location  
**TUSCALOOSA VAMC, TUSCALOOSA, AL.**

Issue Date  
**03/08/2024**

Checked  
**JKK**

Drawn  
**PCM**

Drawing Number  
**F-135.G**

A

B

C

D

E

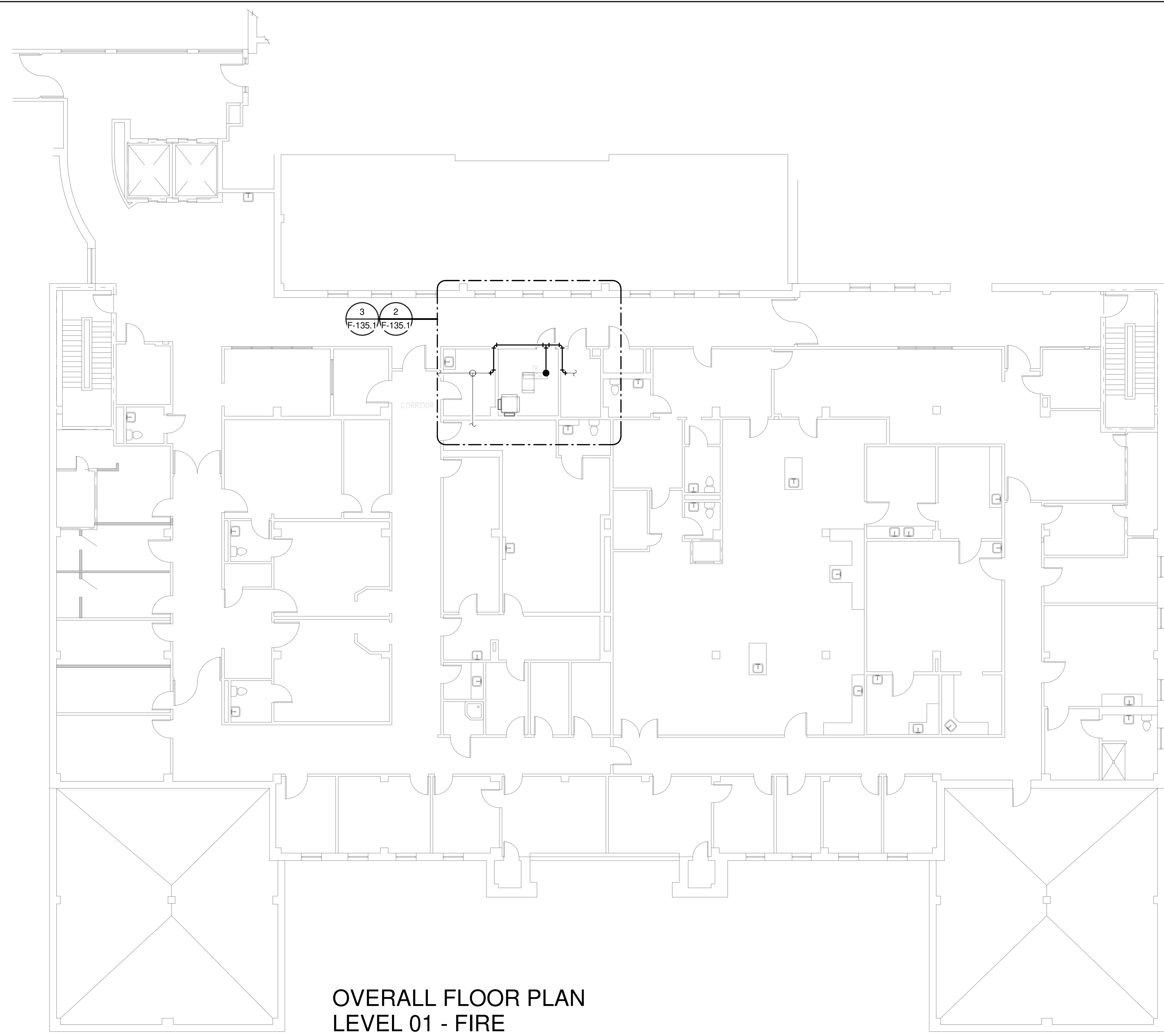
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**GENERAL NOTES:**

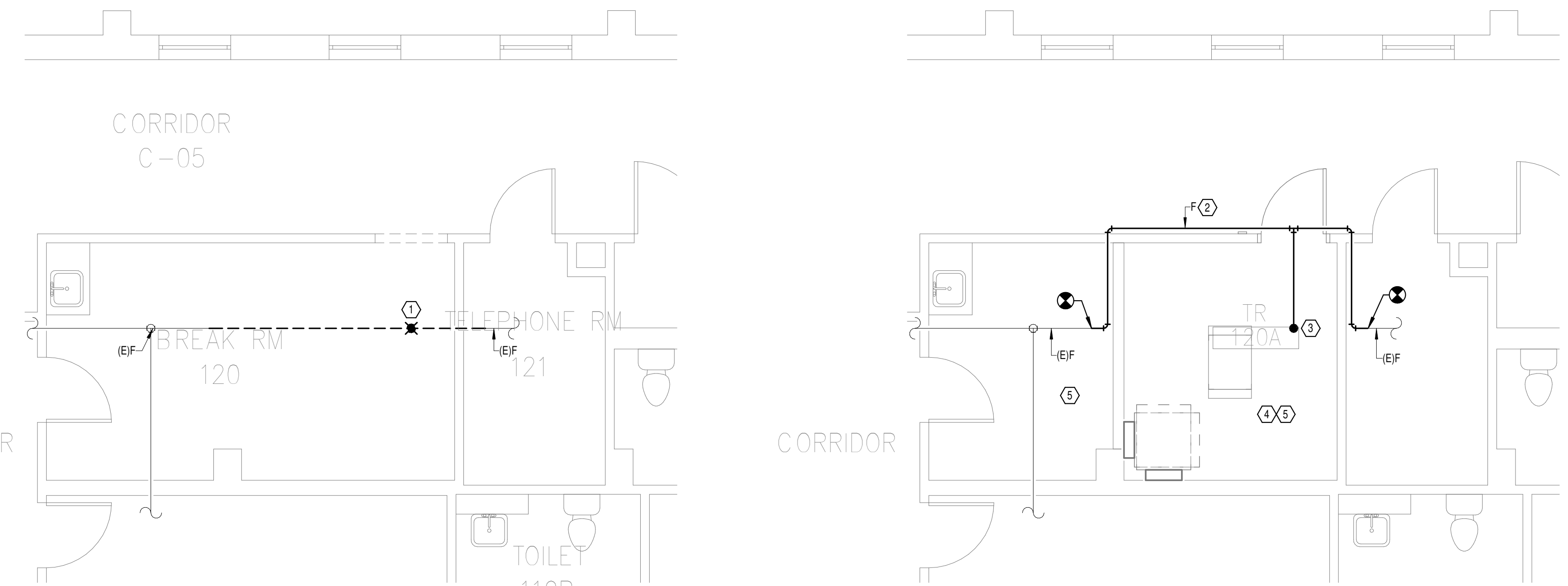
- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
- B. ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED, EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
- C. UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
- D. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.

**SHEET NOTES:**

- 1. DEMOLISH FIRE PROTECTION PIPING BACK TO BOUNDARY OF NEW TR 120A.
- 2. REROUTE NEW FIRE PROTECTION PIPING OUTSIDE OF NEW TR 120A.
- 3. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE 120A. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 4. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
- 5. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION "LIGHT HAZARD". RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECTS CEILING PLANS.

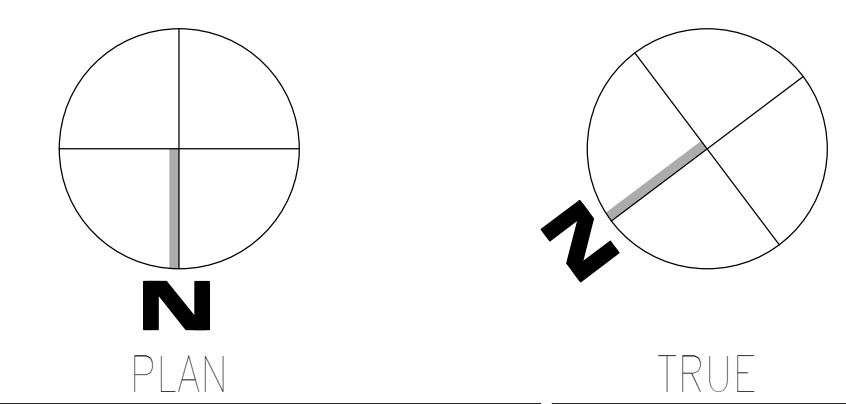


**OVERALL FLOOR PLAN  
LEVEL 01 - FIRE  
PROTECTION**  
1  
3/32" = 1'-0"



**DEMOLITION FLOOR  
PLAN LEVEL 01 - FIRE  
PROTECTION**  
2  
1/4" = 1'-0"

**NEW FLOOR PLAN LEVEL  
01 - FIRE PROTECTION**  
3  
1/4" = 1'-0"



08/03/2024 15:12:48  
 Autodesk Docs: 202375.008 - VA Tuscaloosa EHRM Infrastructure Upgrades/202375.008 - VA EHRM Tuscaloosa R50 - 0135.rvt  
 VA FORM 08 - 6231

Revisions:	Date:

**CONSULTANT**

**WileyWilson**  
127 Nationwide Drive  
Lynchburg, VA 24502  
Phone: 434.947.1901  
www.wileywilson.com

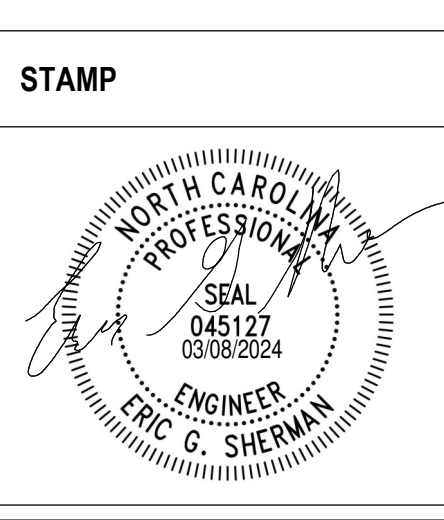
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NC Architectural License No.: 51254



**Office of Construction and Facilities Management**

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**BUILDING 135 LEVEL 01 - FIRE PROTECTION**

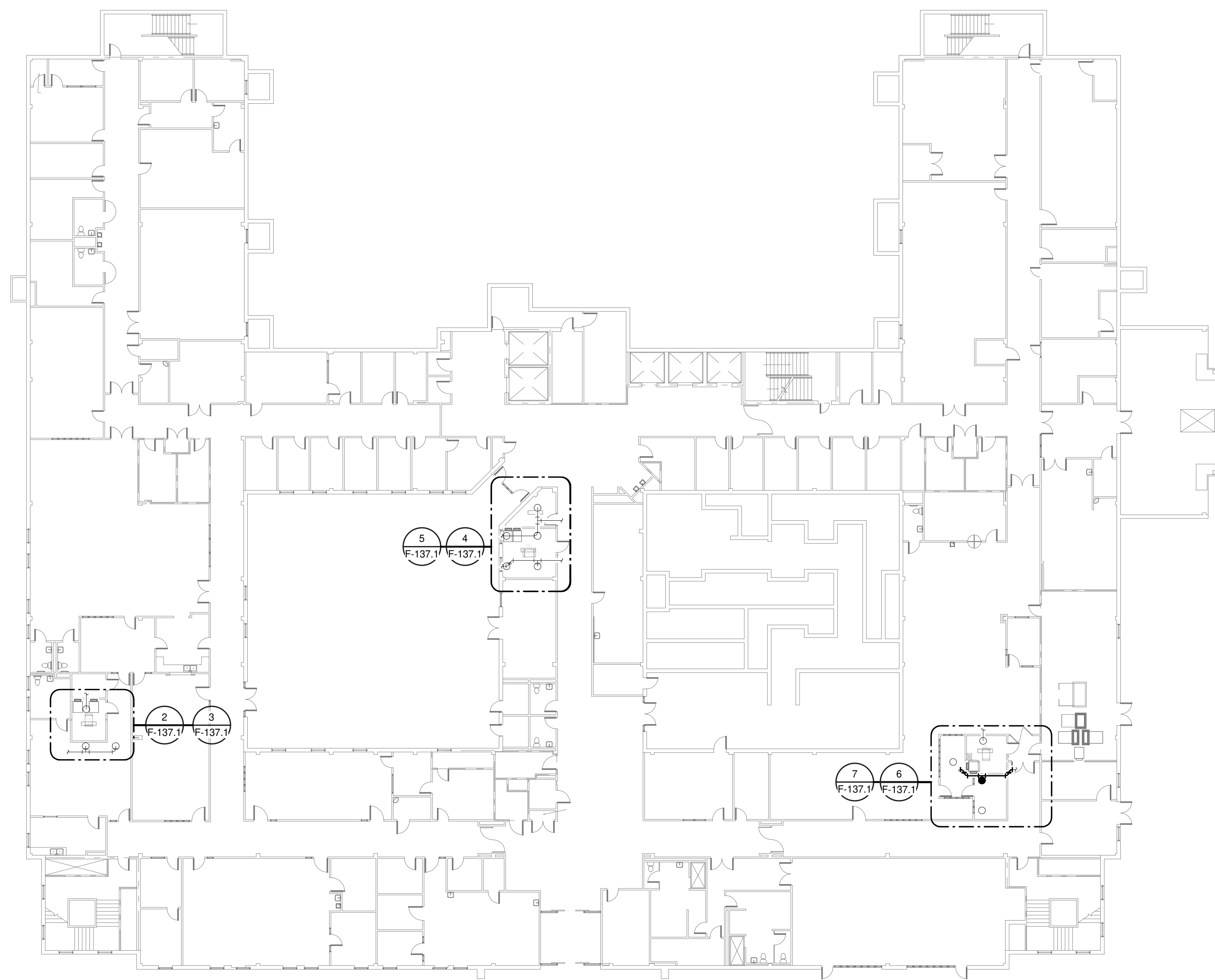
Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION DOCUMENTS**

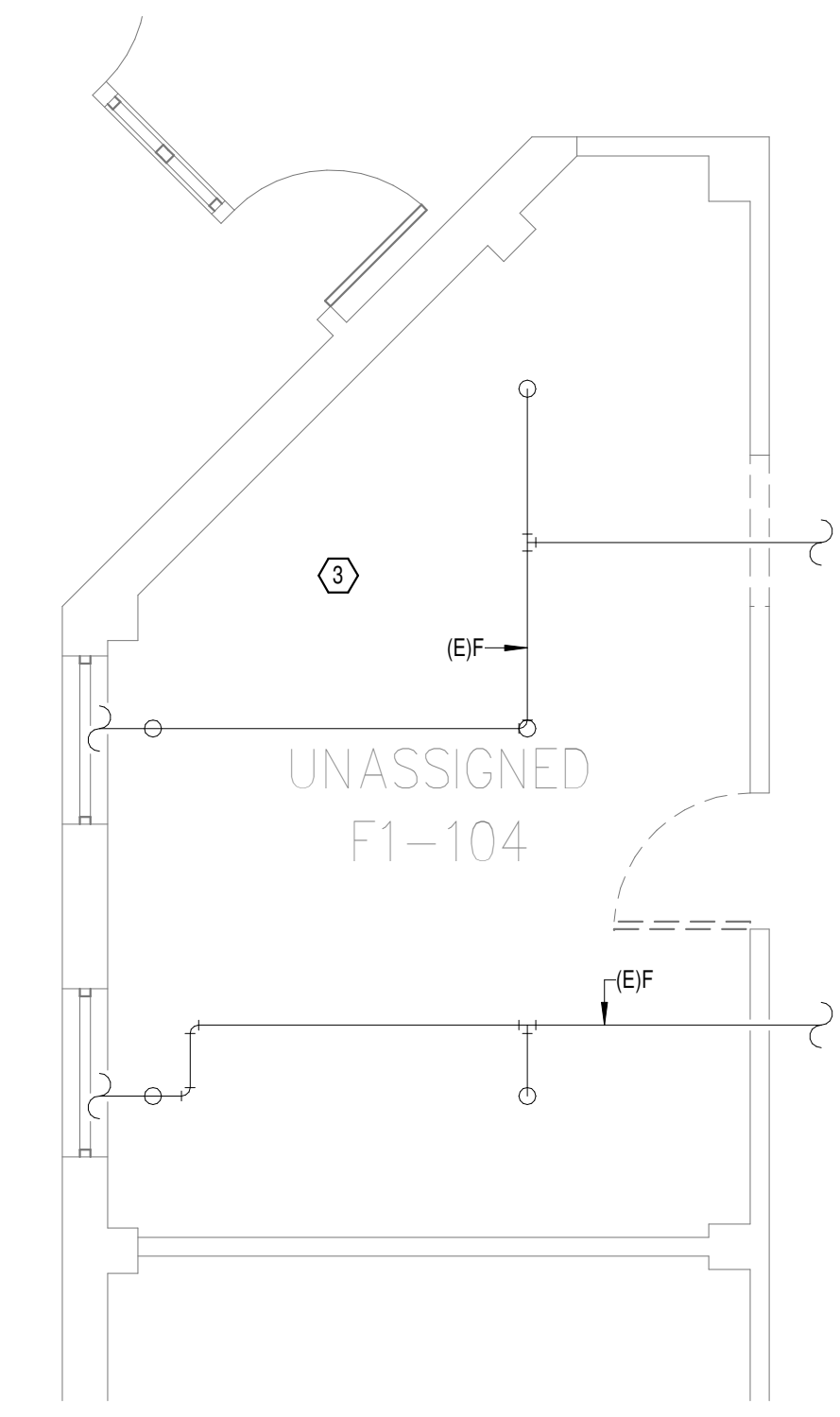
**FULLY SPRINKLERED**

Project Title EHRM INFRASTRUCTURE UPGRADES	Project Number 679-20-104
Location TUSCALOOSA VAMC, TUSCALOOSA, AL.	Building Number 135
Issue Date 03/08/2024	Checked JKK
Drawn PCM	Drawing Number F-135.1

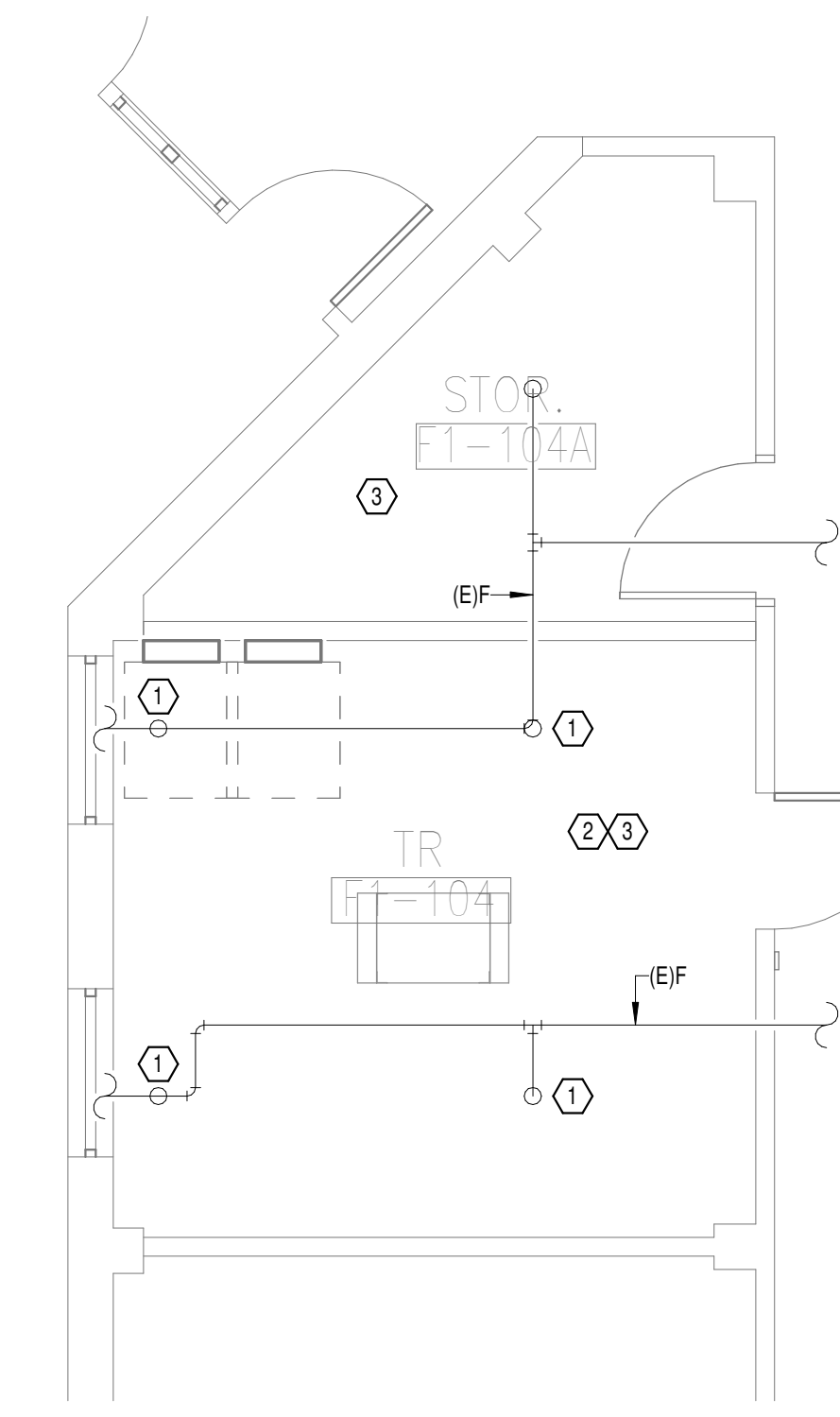
A  
B  
C  
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08/03/2024 14:58:58  
08/03/2024 14:58:58  
VA FORM 08 - 6231



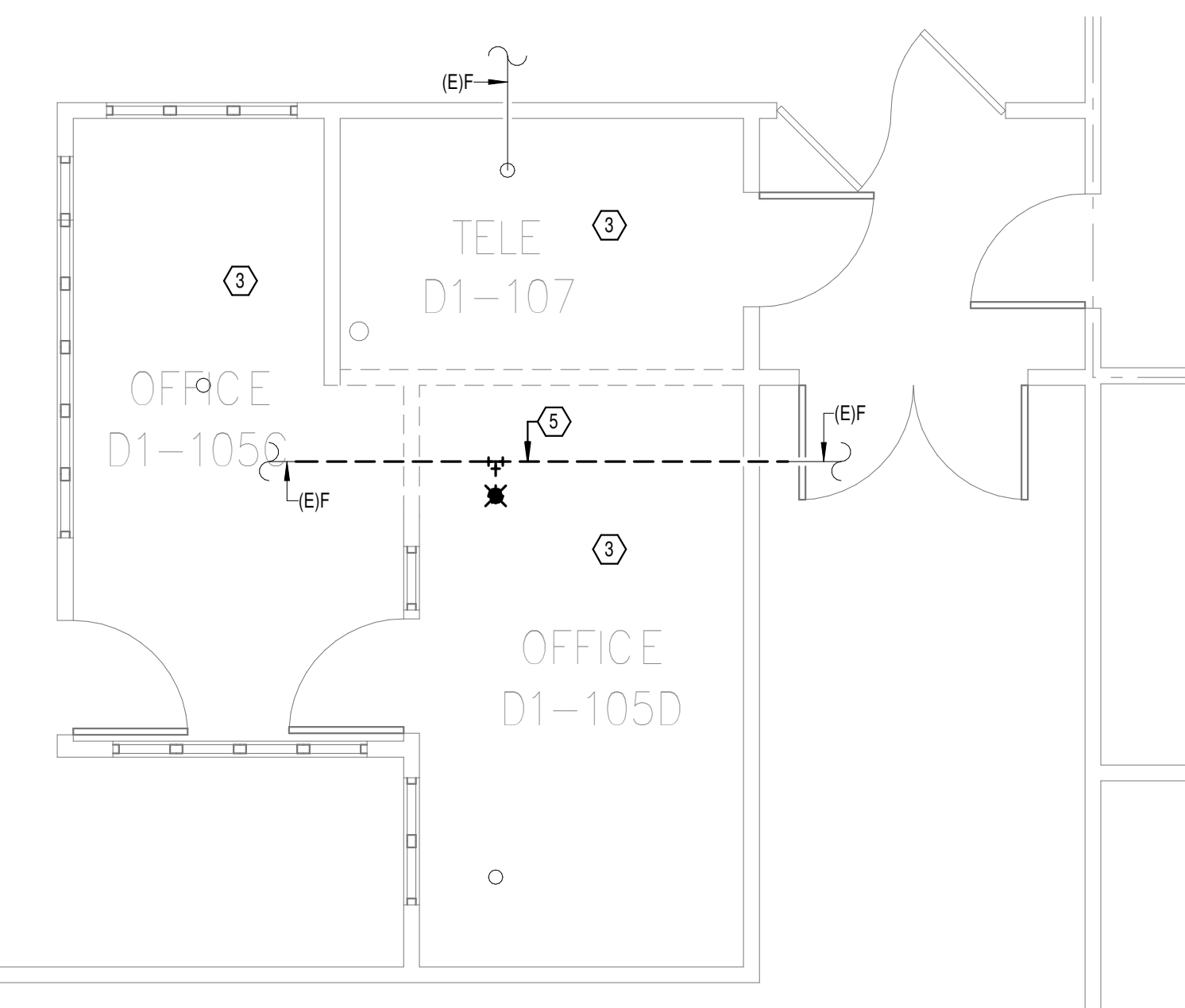
**1**  
OVERALL FLOOR PLAN  
LEVEL 01 - FIRE  
PROTECTION  
1" = 20'-0"



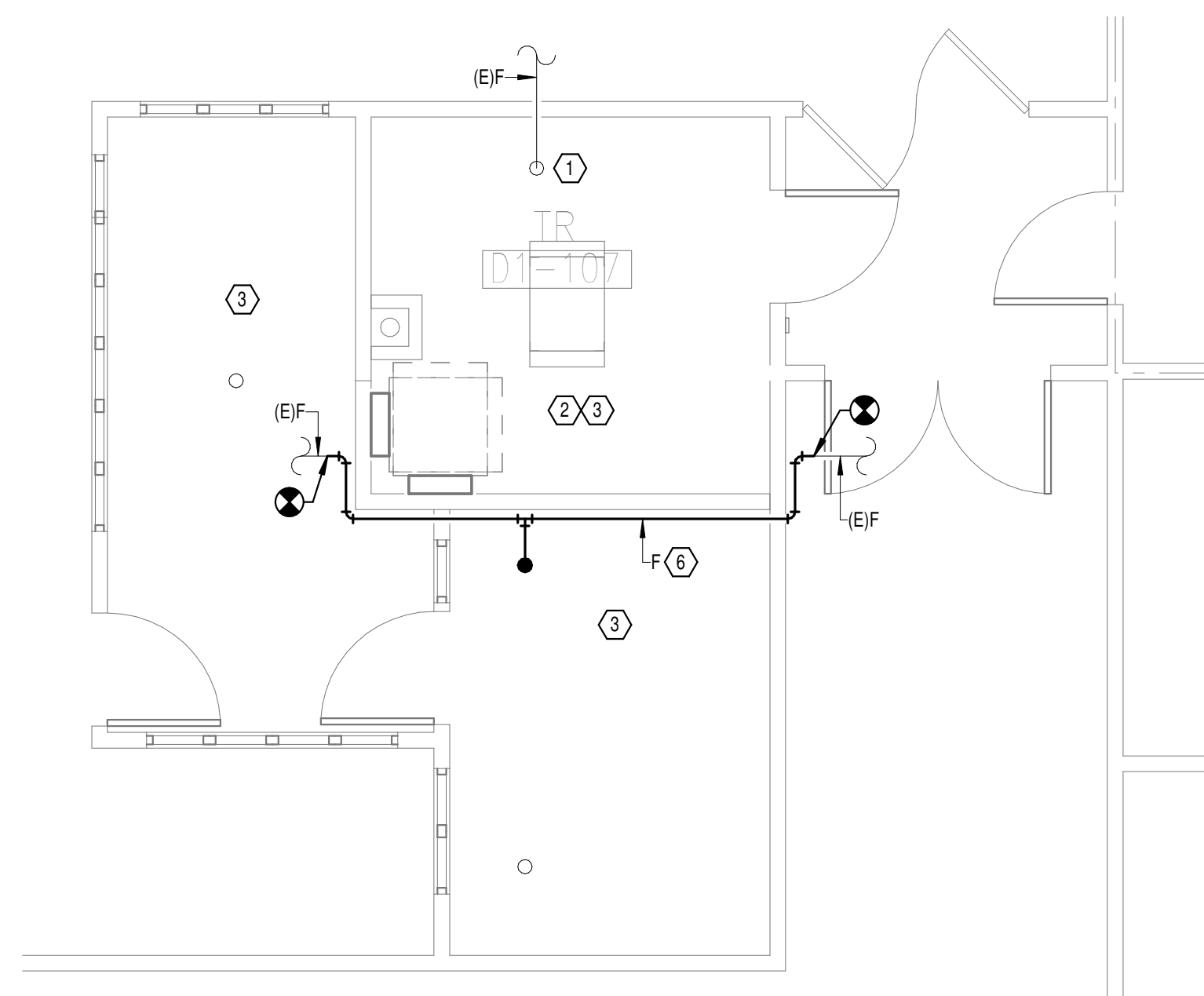
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DEMOLITION FLOOR  
PLAN LEVEL 01 ROOM 2 -  
FIRE PROTECTION  
1/4" = 1'-0"



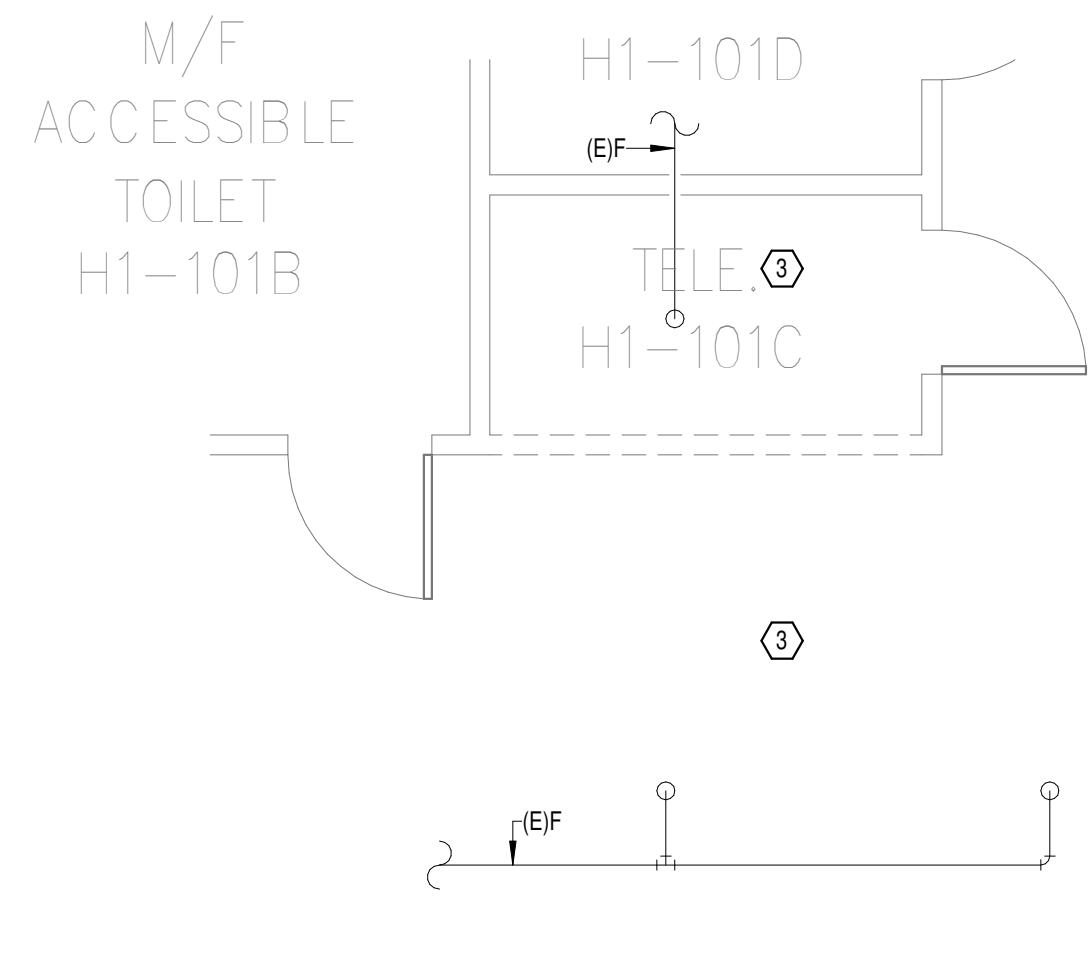
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NEW FLOOR PLAN LEVEL  
01 ROOM 2 - FIRE  
PROTECTION  
1/4" = 1'-0"



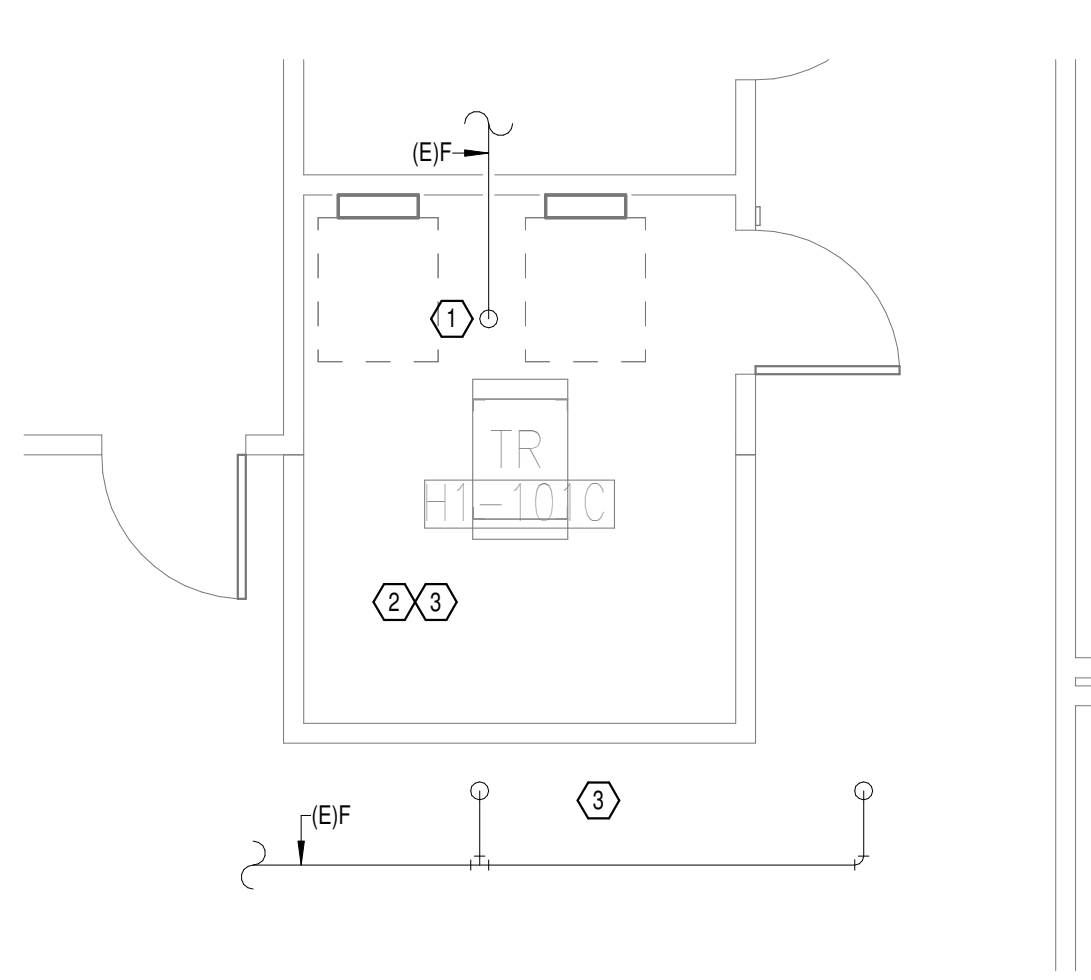
**6**  
DEMOLITION FLOOR  
PLAN LEVEL 01 ROOM 3 -  
FIRE PROTECTION  
1/4" = 1'-0"



**7**  
NEW FLOOR PLAN LEVEL  
01 ROOM 3 - FIRE  
PROTECTION  
1/4" = 1'-0"

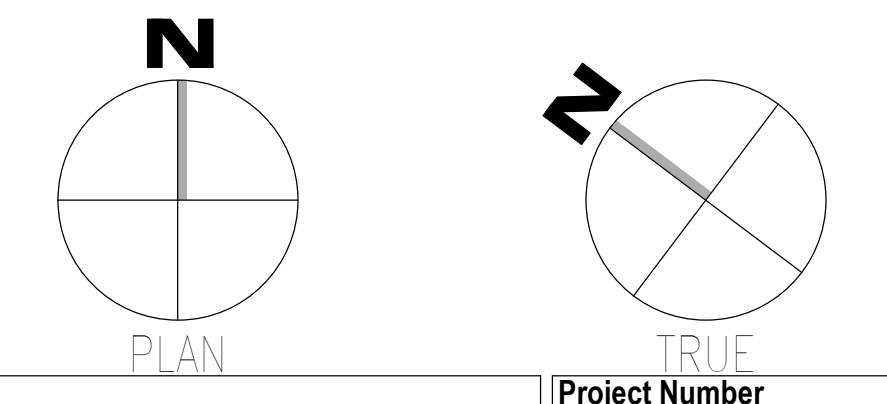


**2**  
DEMOLITION FLOOR  
PLAN LEVEL 01 ROOM 1 -  
FIRE PROTECTION  
1/4" = 1'-0"



**3**  
NEW FLOOR PLAN LEVEL  
01 ROOM 1 - FIRE  
PROTECTION  
1/4" = 1'-0"

- GENERAL NOTES:**
- COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
  - ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED. EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
  - UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
  - THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.
- SHEET NOTES:**
- PROVIDE MECHANICAL GUARD FOR EXISTING SPRINKLER HEAD.
  - SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
  - AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION "LIGHT HAZARD", RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.
  - DEMOLISH FIRE PROTECTION PIPING BACK TO BOUNDARY OF NEW TR.
  - PERROUTE FIRE PROTECTION BRANCH OUTSIDE OF TR.



Revisions:	Date:

**CONSULTANT**

**WileyWilson**  
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Phone: 434.947.1901  
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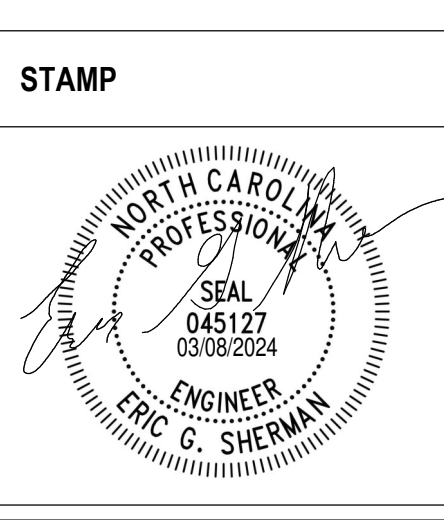
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**Office of Construction and Facilities Management**

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**BUILDING 137 LEVEL 01 - FIRE PROTECTION**

Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

Project Title EHRM INFRASTRUCTURE UPGRADES	Project Number 679-20-104
Location TUSCALOOSA VAMC, TUSCALOOSA, AL.	Building Number 137
Issue Date 03/08/2024	Checked JKK
Drawn PCM	Drawing Number F-137.1



A

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E

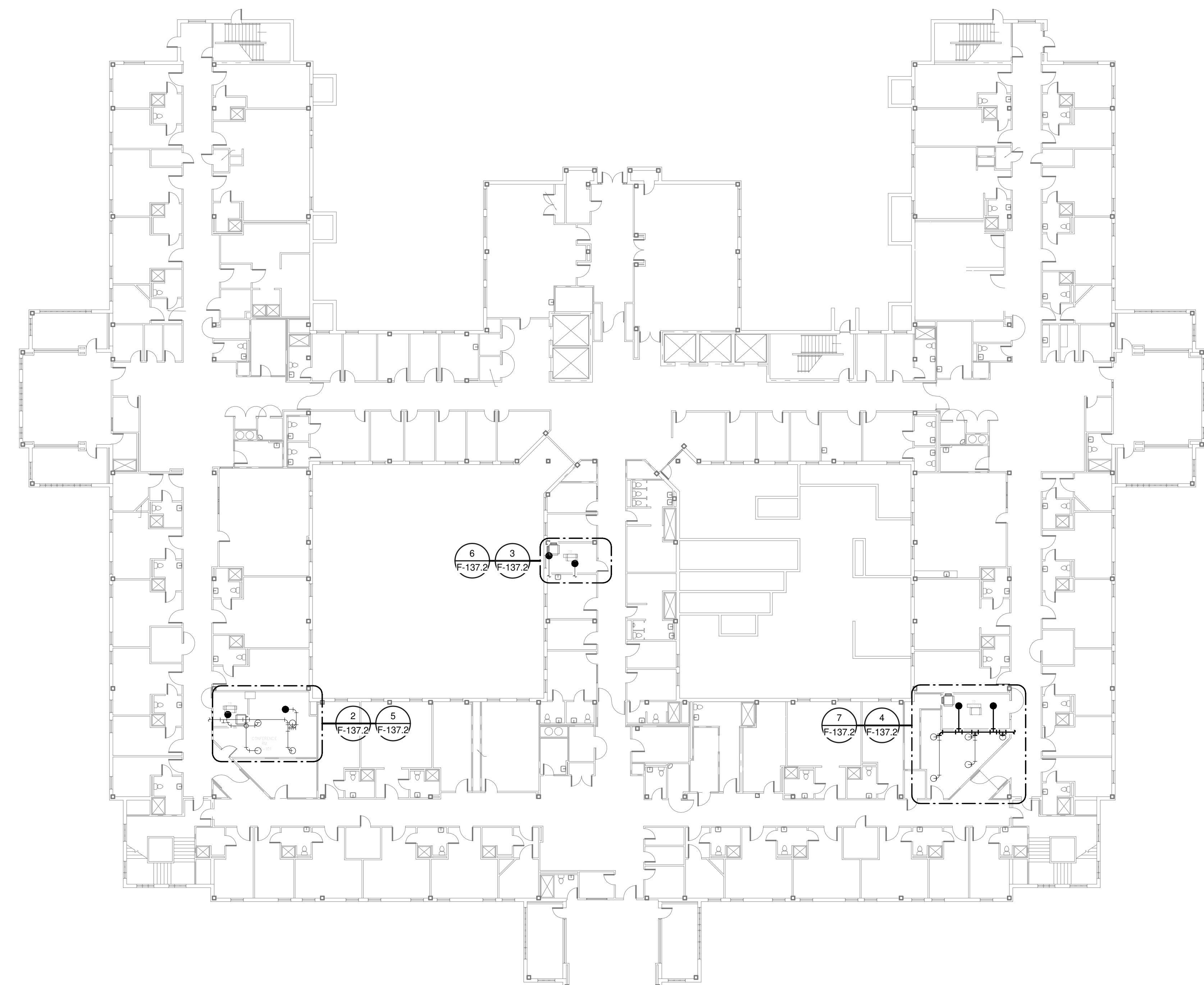
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**GENERAL NOTES:**

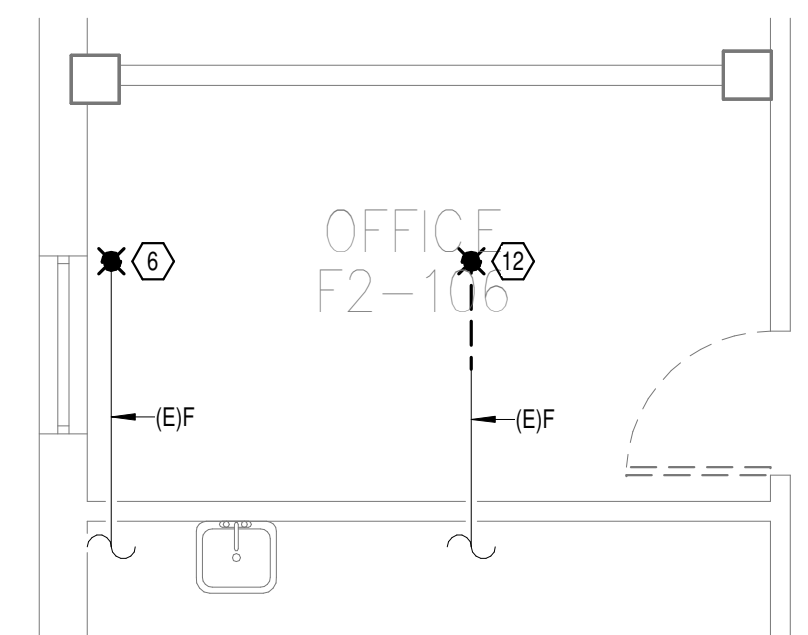
- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
- B. ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED. EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
- C. UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
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**SHEET NOTES:**

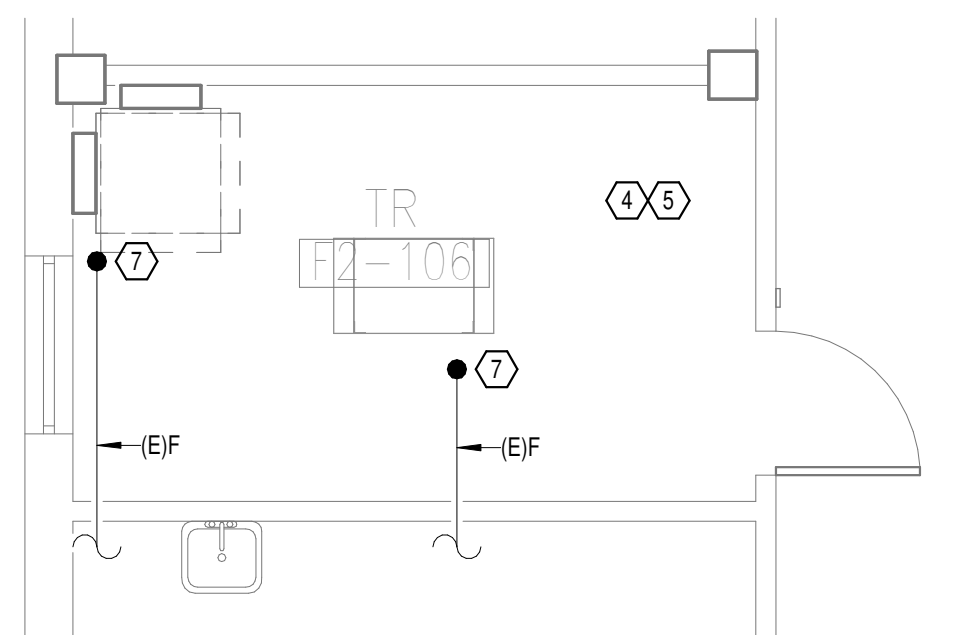
- 1. REMOVE EXISTING SPRINKLER HEAD FOR CEILING REMOVAL. CAP PIPE.
- 2. REMOVE EXISTING SPRINKLER HEAD FOR NEW CEILING. REPLACEMENT OF THE EXISTING UPRIGHT SPRINKLER WITH NEW PENDANT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 3. INSTALL NEW PENDANT SPRINKLER HEADS. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING UPRIGHT SPRINKLER WITH NEW PENDANT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 4. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
- 5. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION "LIGHT HAZARD". RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.
- 6. REMOVE EXISTING SPRINKLER HEAD FOR CEILING REMOVAL. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 7. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE TR. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 8. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE TR. VERIFY COVERAGE REQUIREMENTS.
- 9. DEMOLISH SPRINKLER PIPING TO MAIN. CAP PIPE.
- 10. CONNECT NEW SPRINKLER PIPING TO EXISTING MAIN.
- 11. INSTALL DRAIN PANS WITH LEAK DETECTION BELOW EXISTING SPRINKLER PIPES IN TR H2-103. UPON DETECTION OF MOISTURE, ALARM TO BAS.
- 12. DEMOLISH EXISTING SPRINKLER HEAD FOR CEILING REMOVAL AND SPRINKLER PIPE TO POINT INDICATED. REFER TO NEW WORK PLANS FOR INSTALLATION OF NEW UPRIGHT HEADS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.



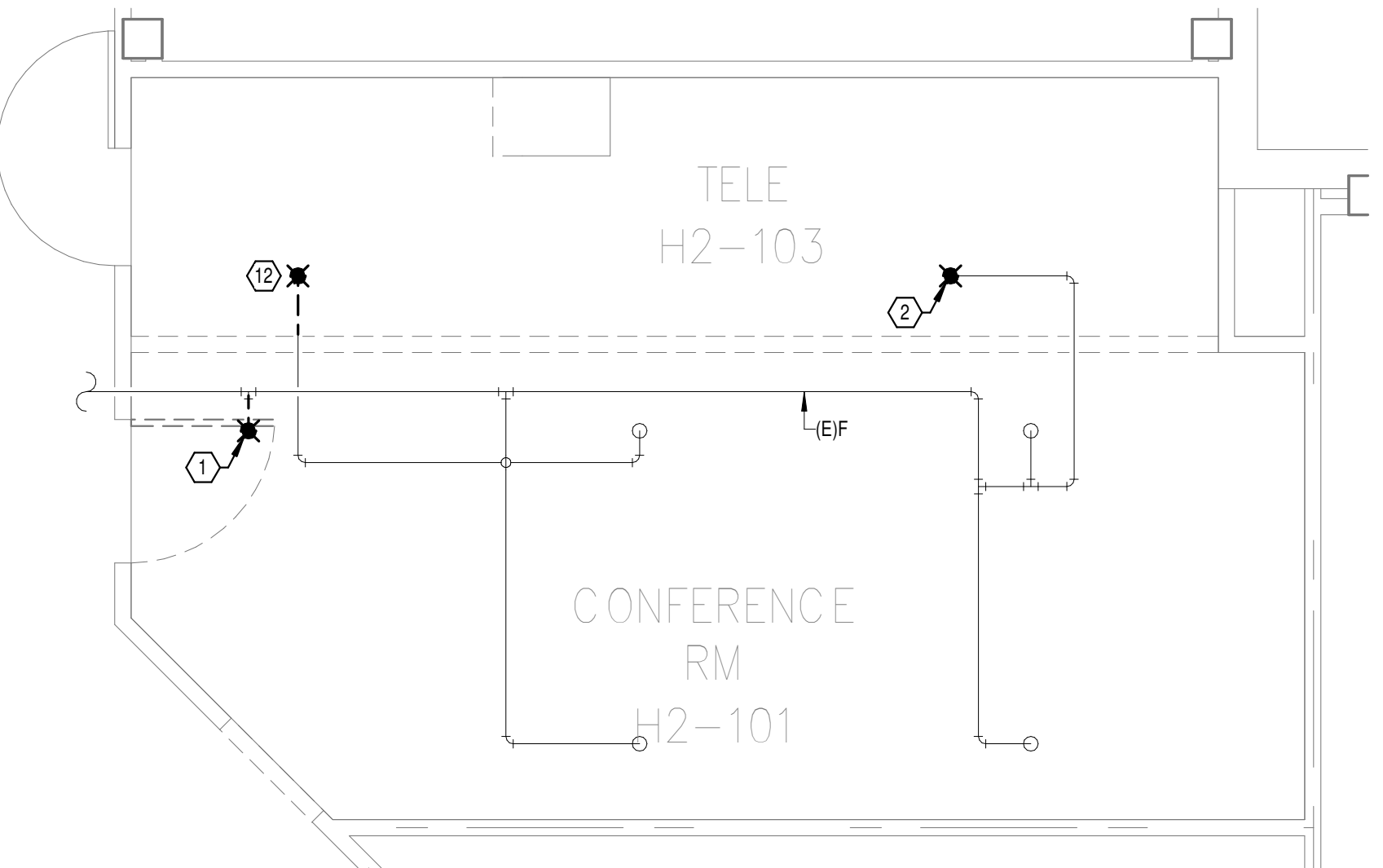
**1**  
OVERALL FLOOR PLAN  
LEVEL 02 - FIRE  
PROTECTION  
1" = 20'-0"



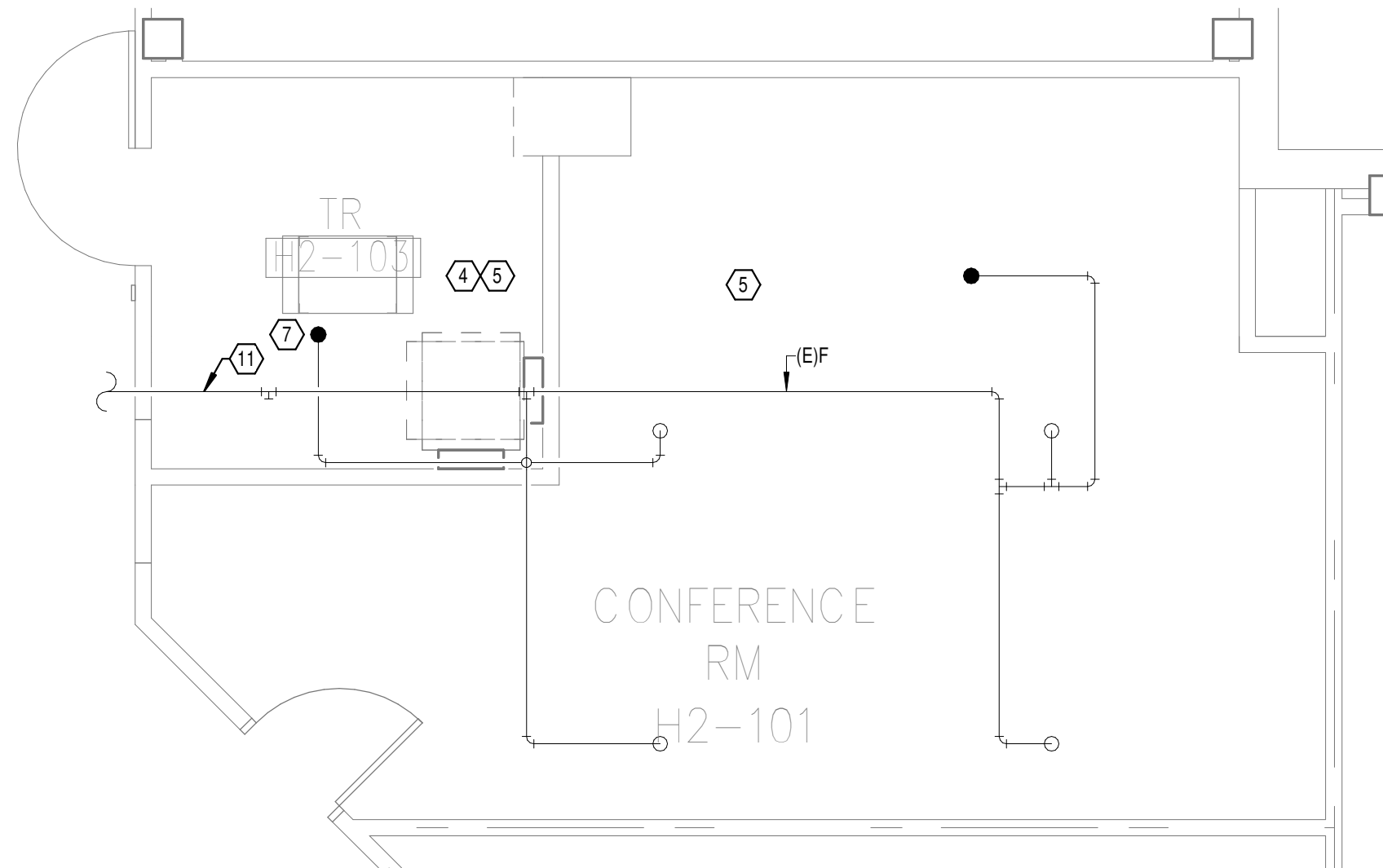
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DEMOLITION FLOOR  
PLAN LEVEL 02 ROOM 2 -  
FIRE PROTECTION  
1/4" = 1'-0"



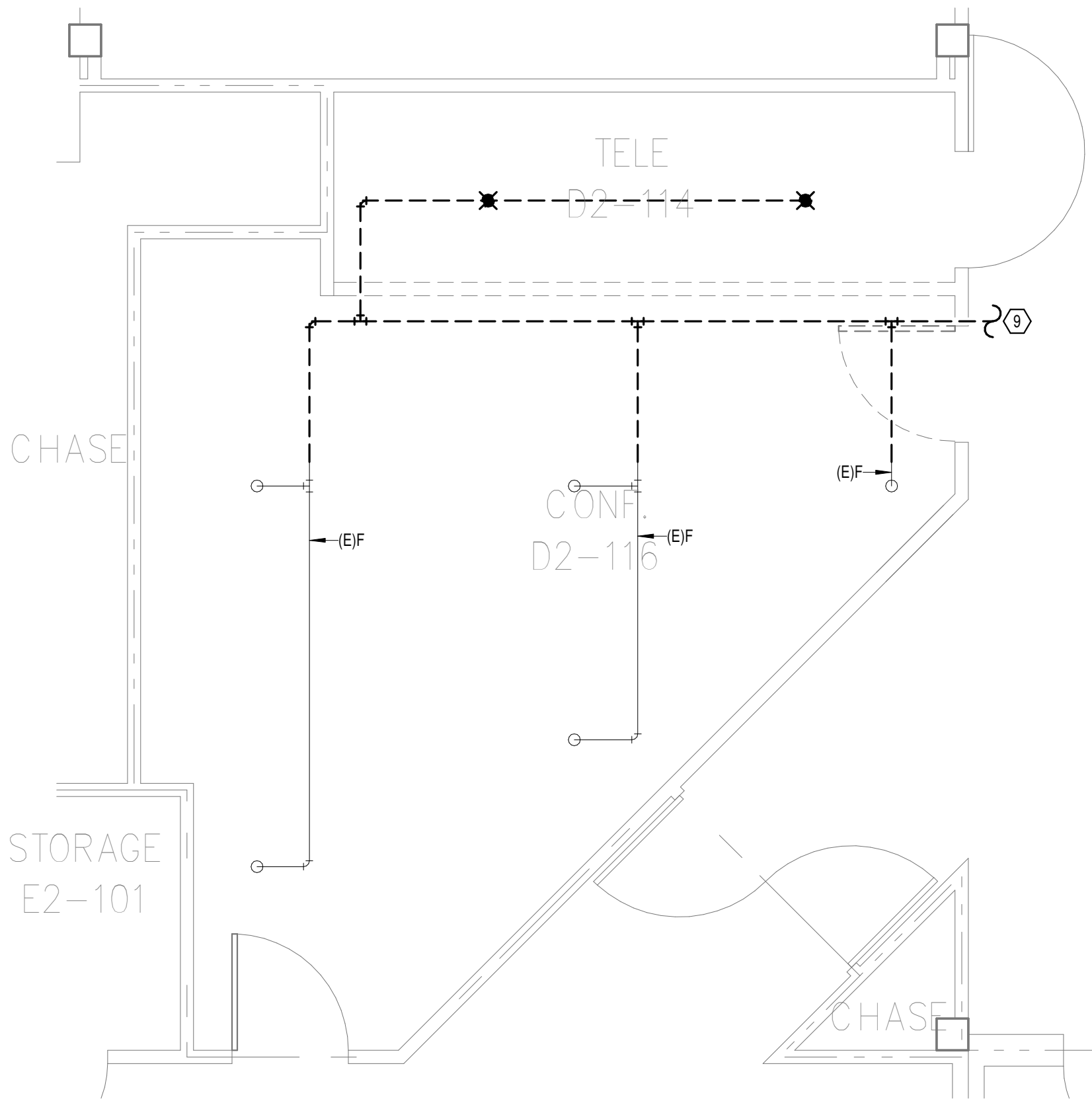
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NEW FLOOR PLAN LEVEL  
02 ROOM 2 - FIRE  
PROTECTION  
1/4" = 1'-0"



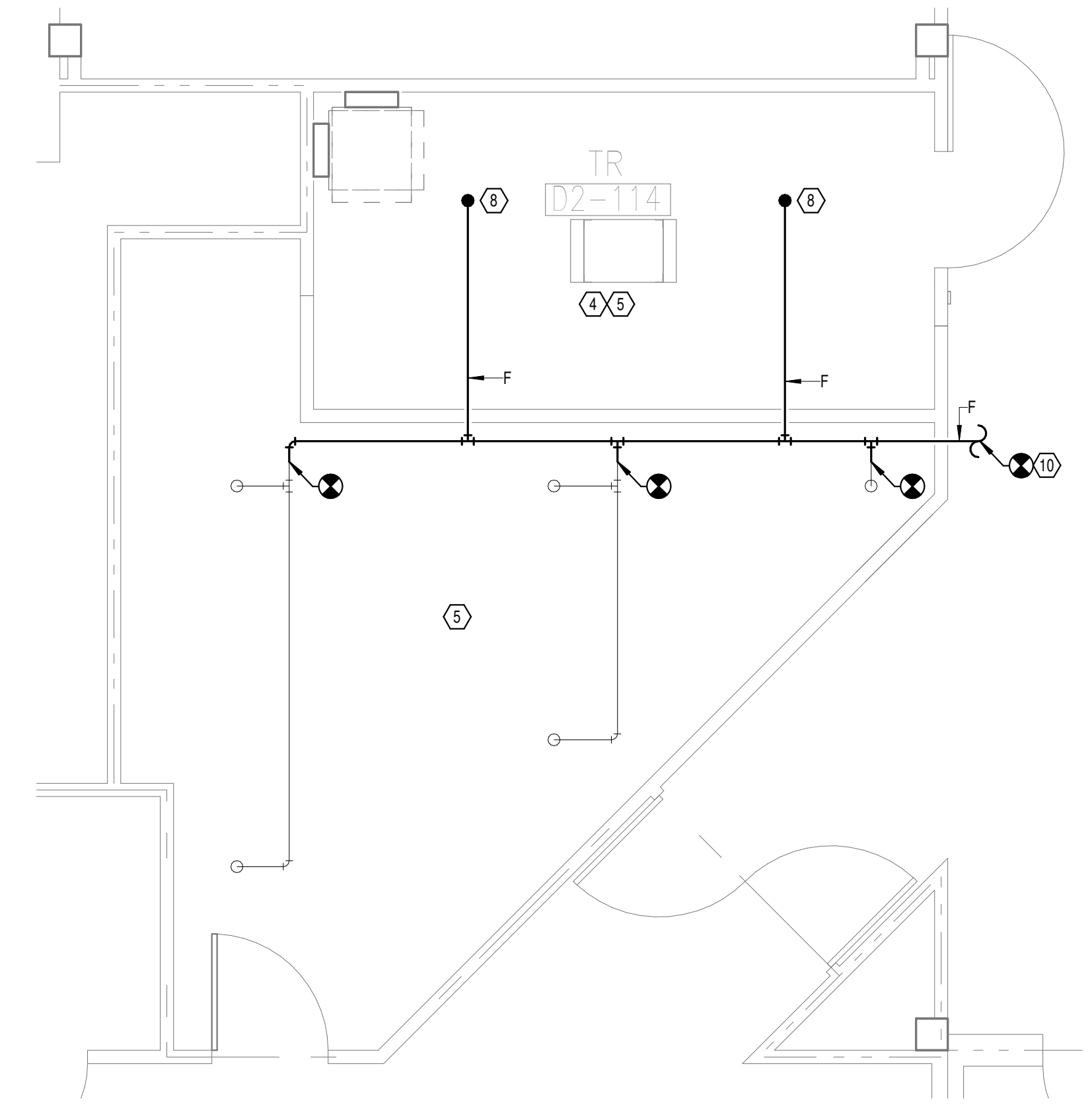
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DEMOLITION FLOOR  
PLAN LEVEL 02 ROOM 1 -  
FIRE PROTECTION  
1/4" = 1'-0"



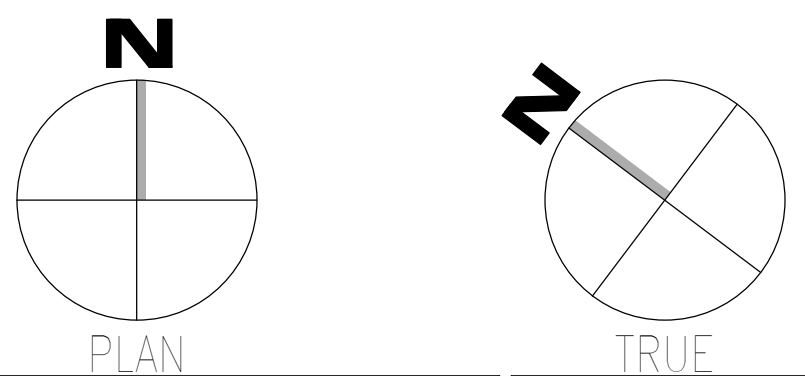
**5**  
NEW FLOOR PLAN LEVEL  
02 ROOM 1 - FIRE  
PROTECTION  
1/4" = 1'-0"



**4**  
DEMOLITION FLOOR  
PLAN LEVEL 02 ROOM 3 -  
FIRE PROTECTION  
1/4" = 1'-0"



**7**  
NEW FLOOR PLAN LEVEL  
02 ROOM 3 - FIRE  
PROTECTION  
1/4" = 1'-0"



Autodesk/Drawings/2023/08 - VA Tuscaloosa EHRM Infrastructure Upgrades/2023/08 - VA EHRM Tuscaloosa - R50 - 0137.rvt  
 08/03/2024 14:57:01  
 VA FORM 08 - 6231

Revisions:	Date:

**CONSULTANT**

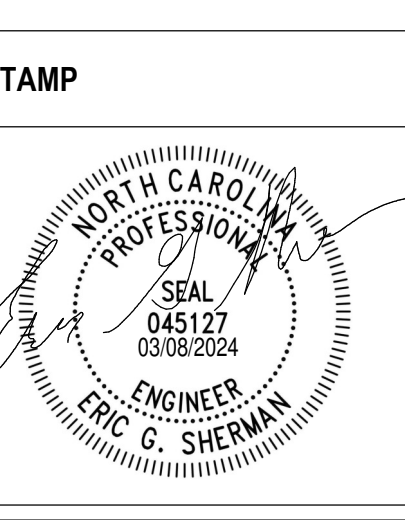
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**VA** U.S. Department of Veterans Affairs

Drawing Title  
**BUILDING 137 LEVEL 02 - FIRE PROTECTION**

Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

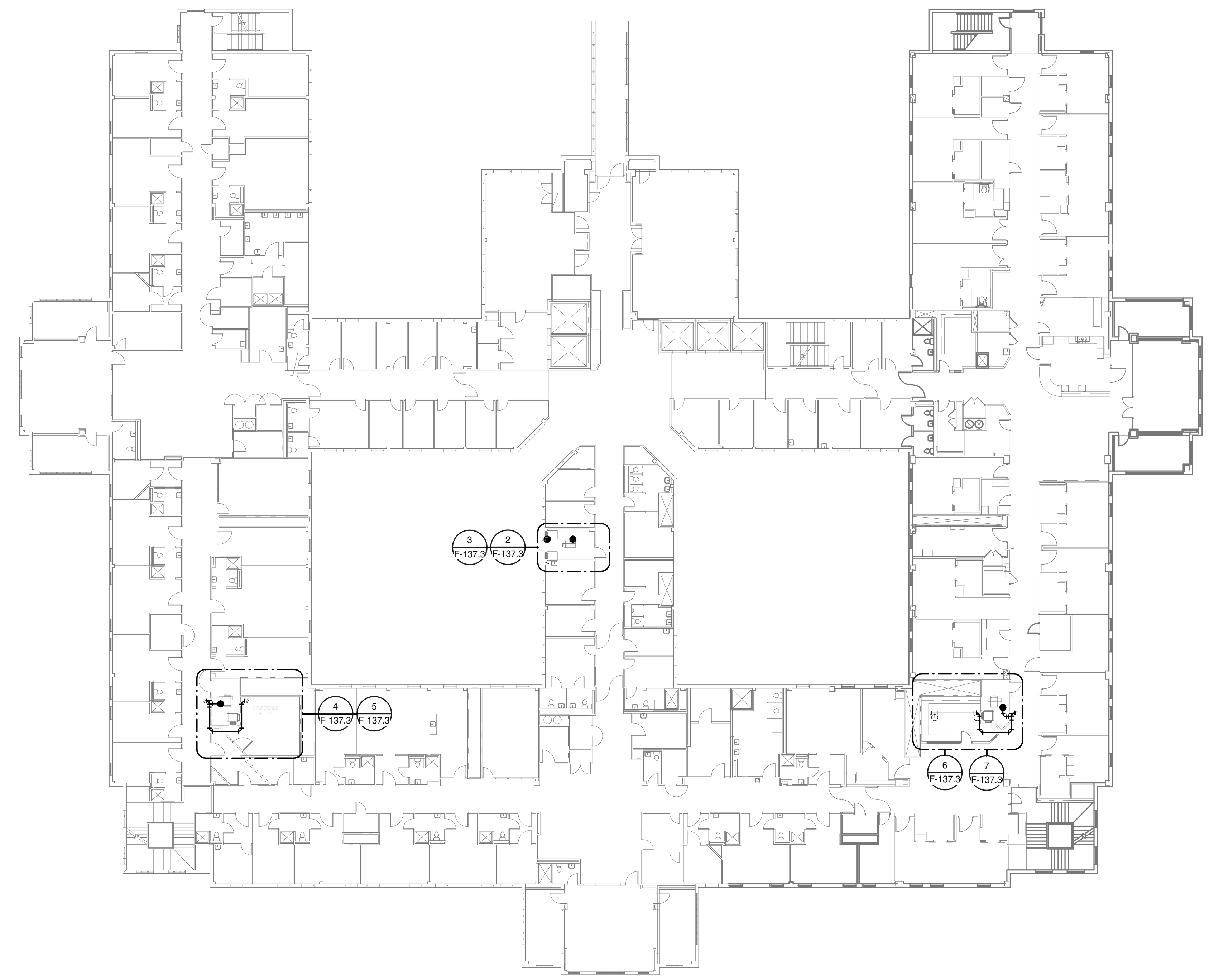
Project Title <b>EHRM INFRASTRUCTURE UPGRADES</b>	Project Number <b>679-20-104</b>
Location <b>TUSCALOOSA VAMC, TUSCALOOSA, AL.</b>	Building Number <b>137</b>
Issue Date <b>03/08/2024</b>	Checked <b>JKK</b>
Drawn <b>PCM</b>	Drawing Number <b>F-137.2</b>

**GENERAL NOTES:**

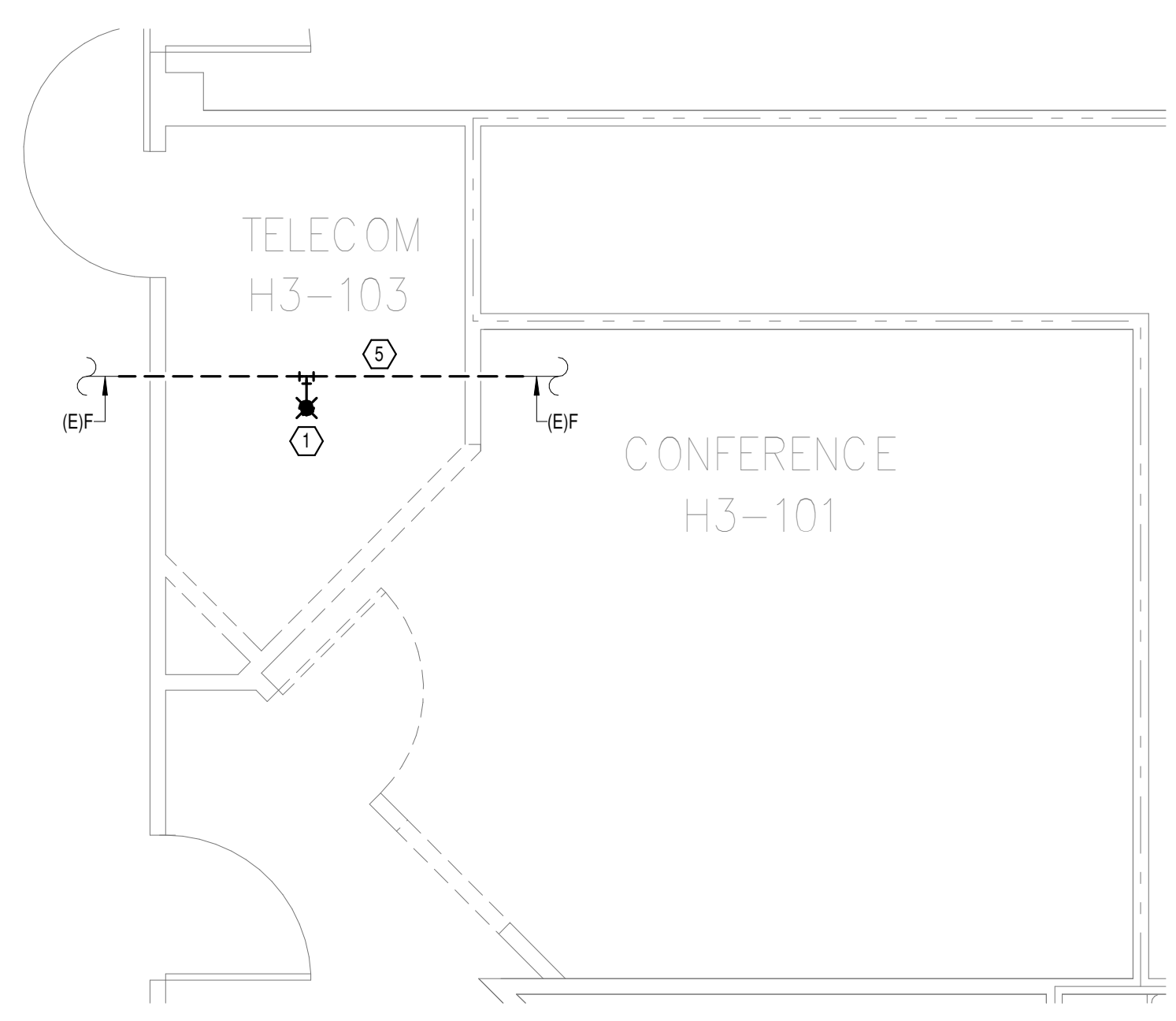
- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
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**SHEET NOTES:**

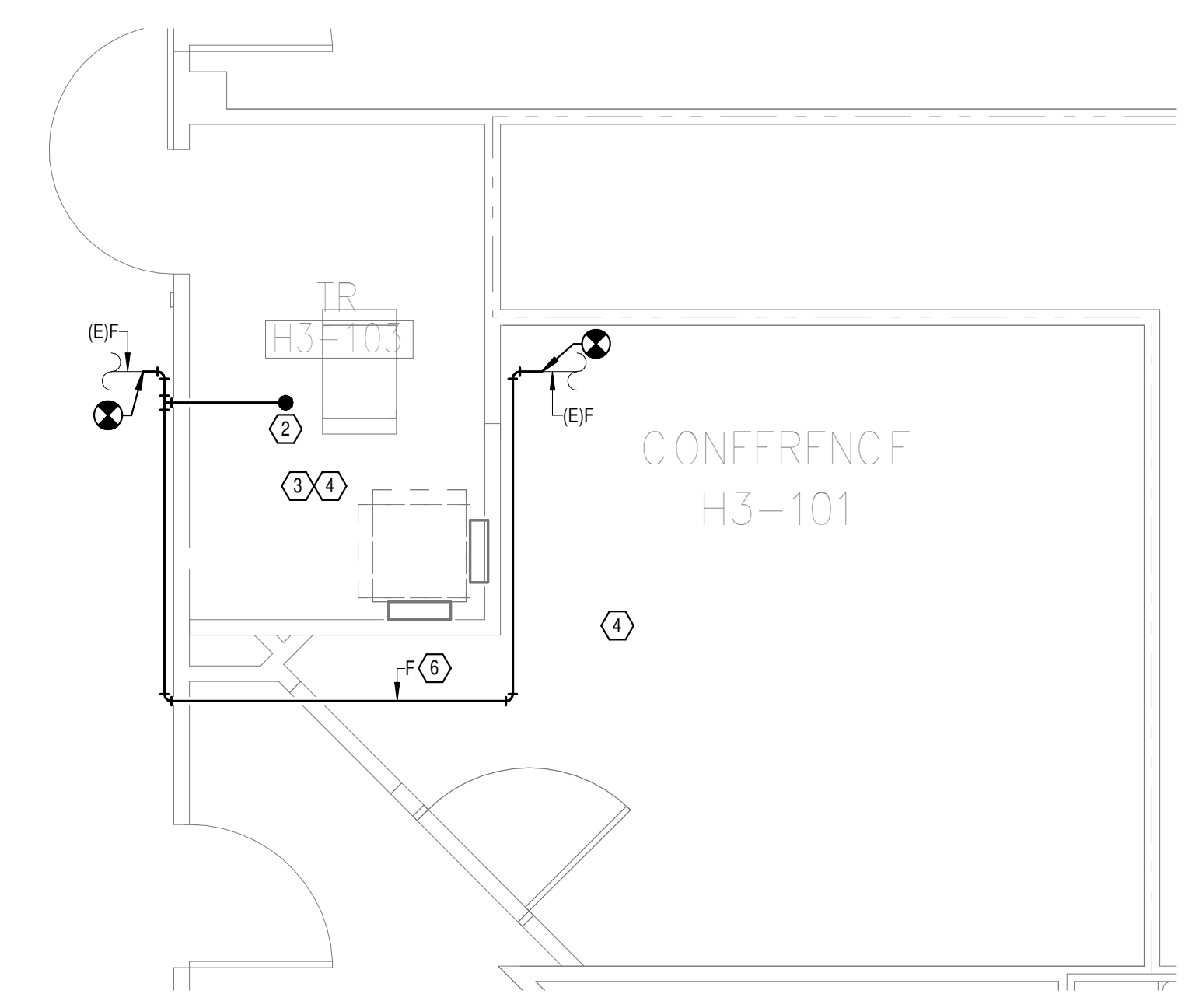
- 1. REMOVE EXISTING SPRINKLER HEAD FOR CEILING REMOVAL. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 2. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE TR. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 3. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
- 4. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION 'LIGHT HAZARD'; RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.
- 5. DEMOLISH FIRE PROTECTION PIPING BACK TO BOUNDARY OF NEW TR.
- 6. REROUTE FIRE PROTECTION BRANCH OUTSIDE OF TR.



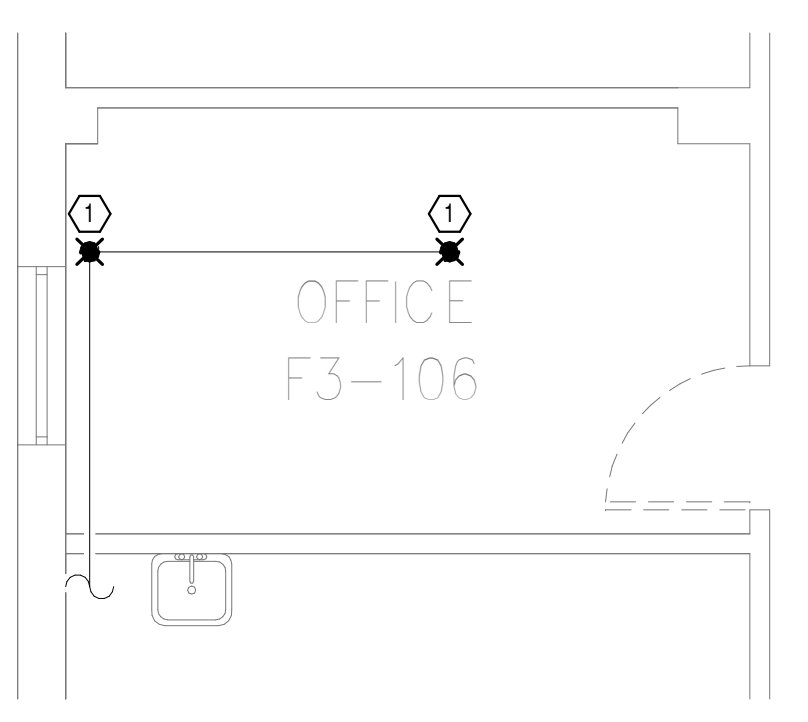
**1**  
**OVERALL FLOOR PLAN**  
**LEVEL 03 - FIRE**  
**PROTECTION**  
1" = 20'-0"



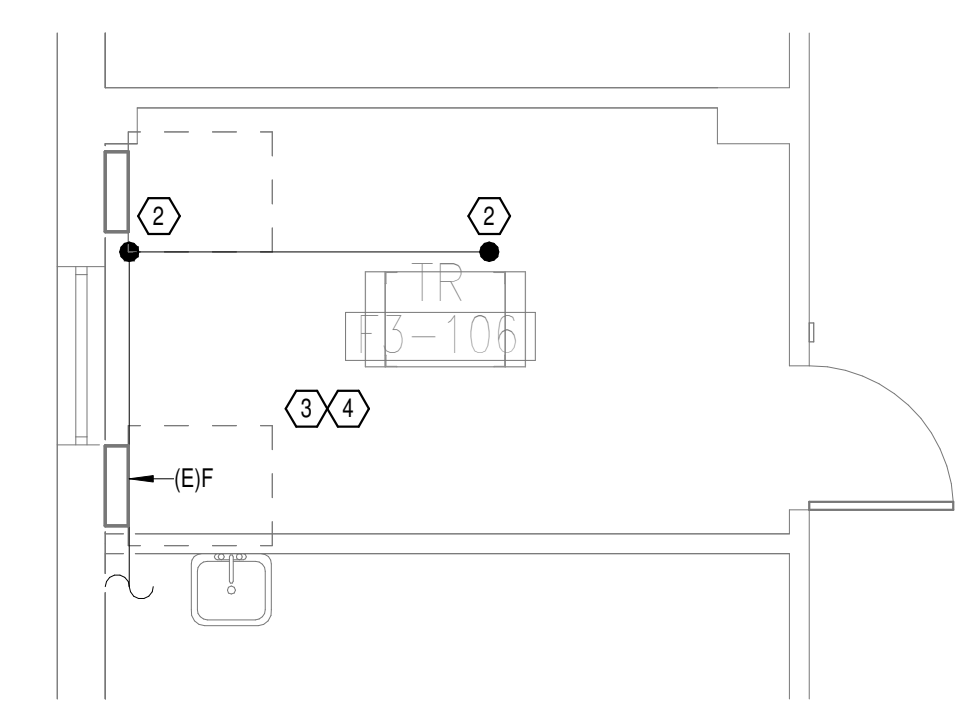
**4**  
**DEMOLITION FLOOR**  
**PLAN LEVEL 03 ROOM 1 -**  
**FIRE PROTECTION**  
1/4" = 1'-0"



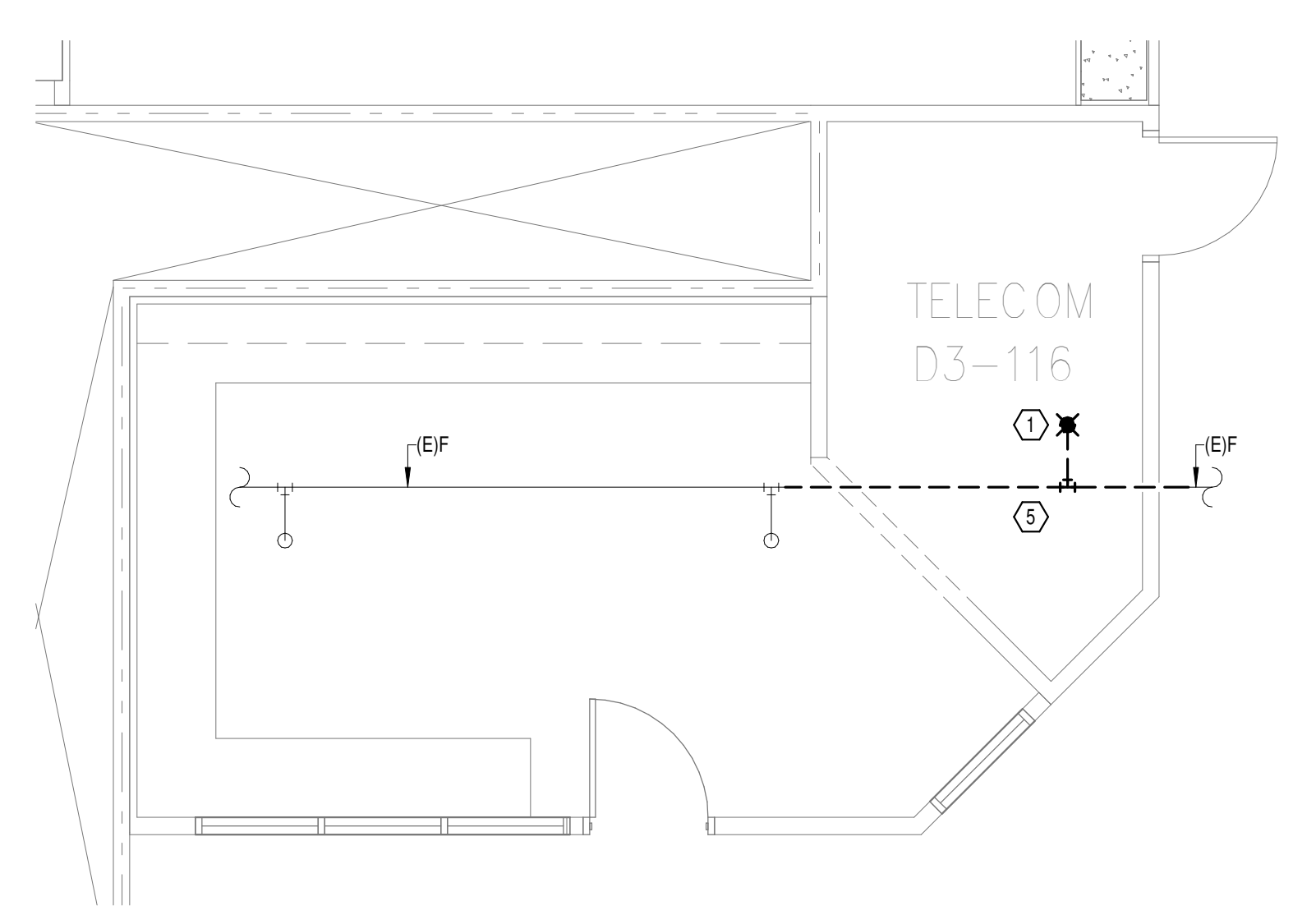
**5**  
**NEW FLOOR PLAN LEVEL**  
**03 ROOM 1 - FIRE**  
**PROTECTION**  
1/4" = 1'-0"



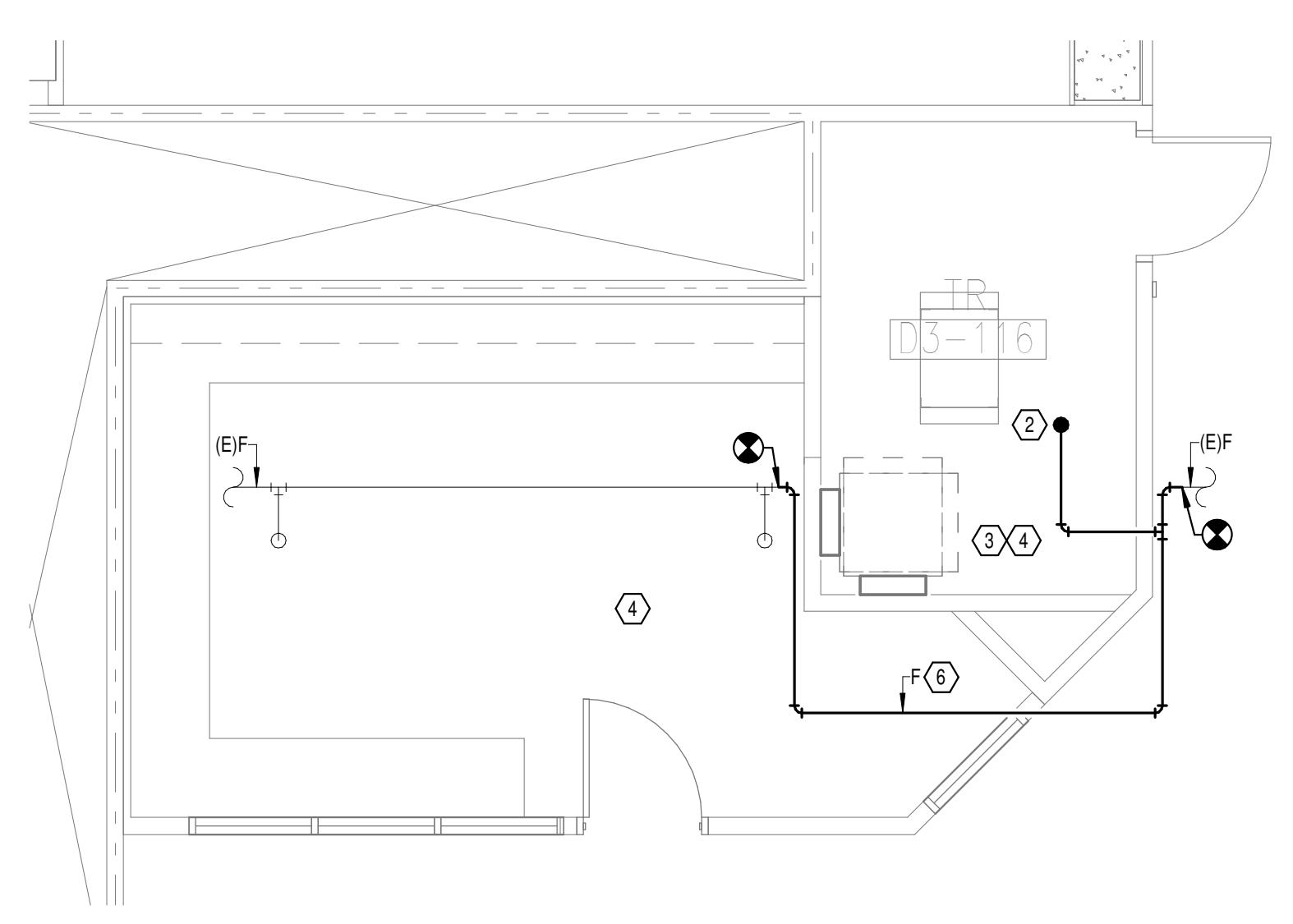
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**DEMOLITION FLOOR**  
**PLAN LEVEL 03 ROOM 2 -**  
**FIRE PROTECTION**  
1/4" = 1'-0"



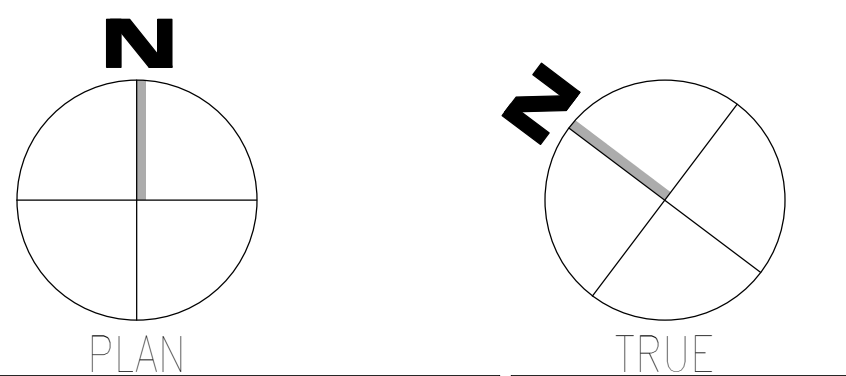
**3**  
**NEW FLOOR PLAN LEVEL**  
**03 ROOM 2 - FIRE**  
**PROTECTION**  
1/4" = 1'-0"



**6**  
**DEMOLITION FLOOR**  
**PLAN LEVEL 03 ROOM 3 -**  
**FIRE PROTECTION**  
1/4" = 1'-0"



**7**  
**NEW FLOOR PLAN LEVEL**  
**03 ROOM 3 - FIRE**  
**PROTECTION**  
1/4" = 1'-0"



08/03/2024 14:57:04  
 03/08/2024  
 04/12/2024  
 03/08/2024

Revisions:	Date:

<b>CONSULTANT</b>  WileyWilson 127 Nationwide Drive Lynchburg, VA 24502 Phone: 434.947.1901 www.wileywilson.com	 SPECIALIZED ENGINEERING SOLUTIONS Specialized Engineering Solutions 1300 Baxter Street, Suite 355 Charlotte, NC 28204	<b>ARCHITECT/ENGINEER OF RECORD</b>  Atriax, pllc 102 3rd Avenue, NE PO Box 1629, Hickory, NC 28603 Phone: 828.315.9962 Fax: 828.315.9964 NC Engineering License No.: P-0214 NC Architectural License No.: 51254	STAMP  ERIC C. SHERMAN ENGINEER 03/08/2024	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title <b>BUILDING 137 LEVEL 03 - FIRE                  PROTECTION</b>	Phase <b>100% CONSTRUCTION                  DOCUMENTS</b>	Project Title <b>EHRM INFRASTRUCTURE UPGRADES</b>	Project Number <b>679-20-104</b>
					Approved:	<b>FULLY SPRINKLERED</b>	Location <b>TUSCALOOSA VAMC, TUSCALOOSA, AL.</b>	Building Number <b>137</b>
					Issue Date <b>03/08/2024</b>	Checked <b>JKK</b>	Drawn <b>PCM</b>	Drawing Number <b>F-137.3</b>

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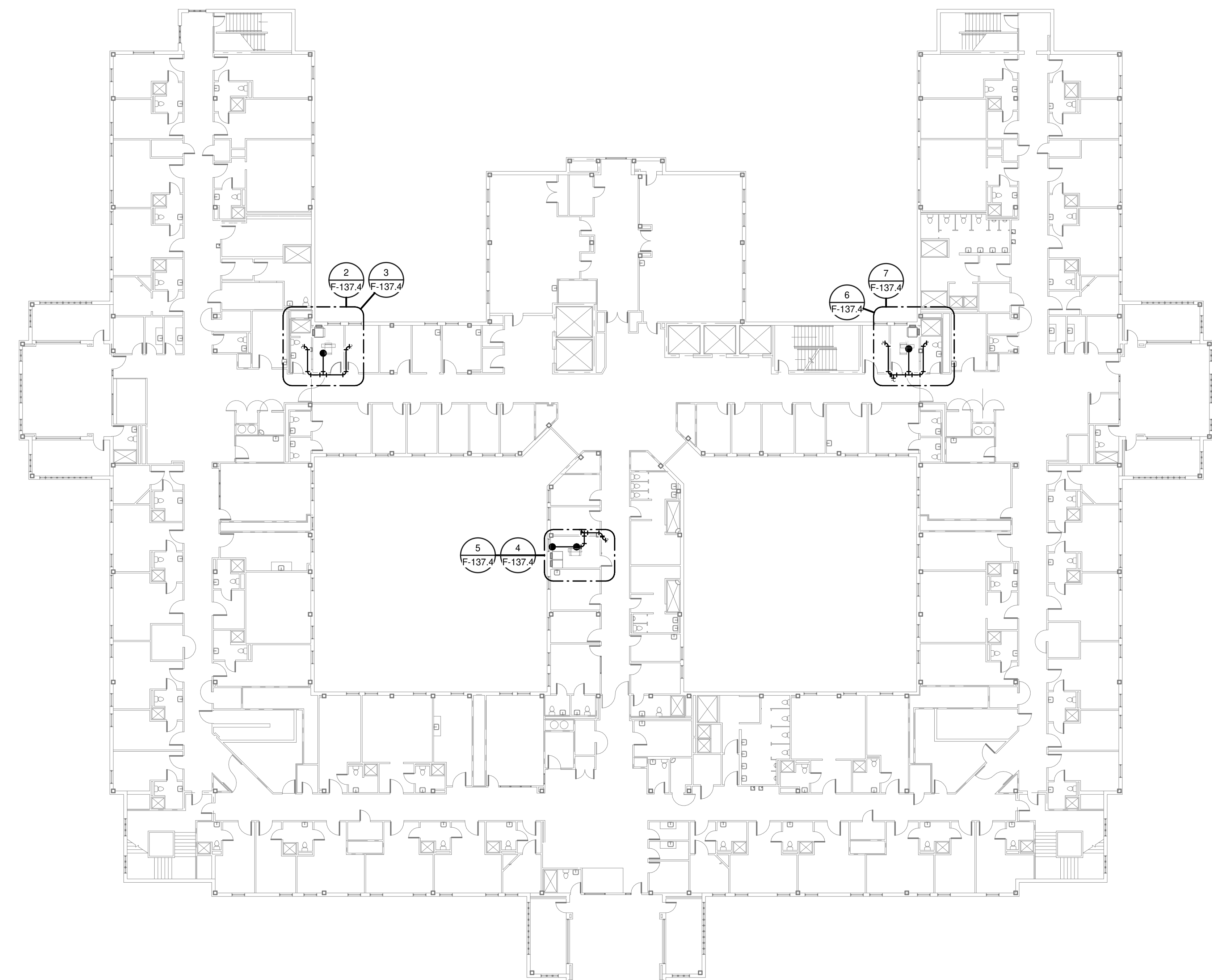
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**GENERAL NOTES:**

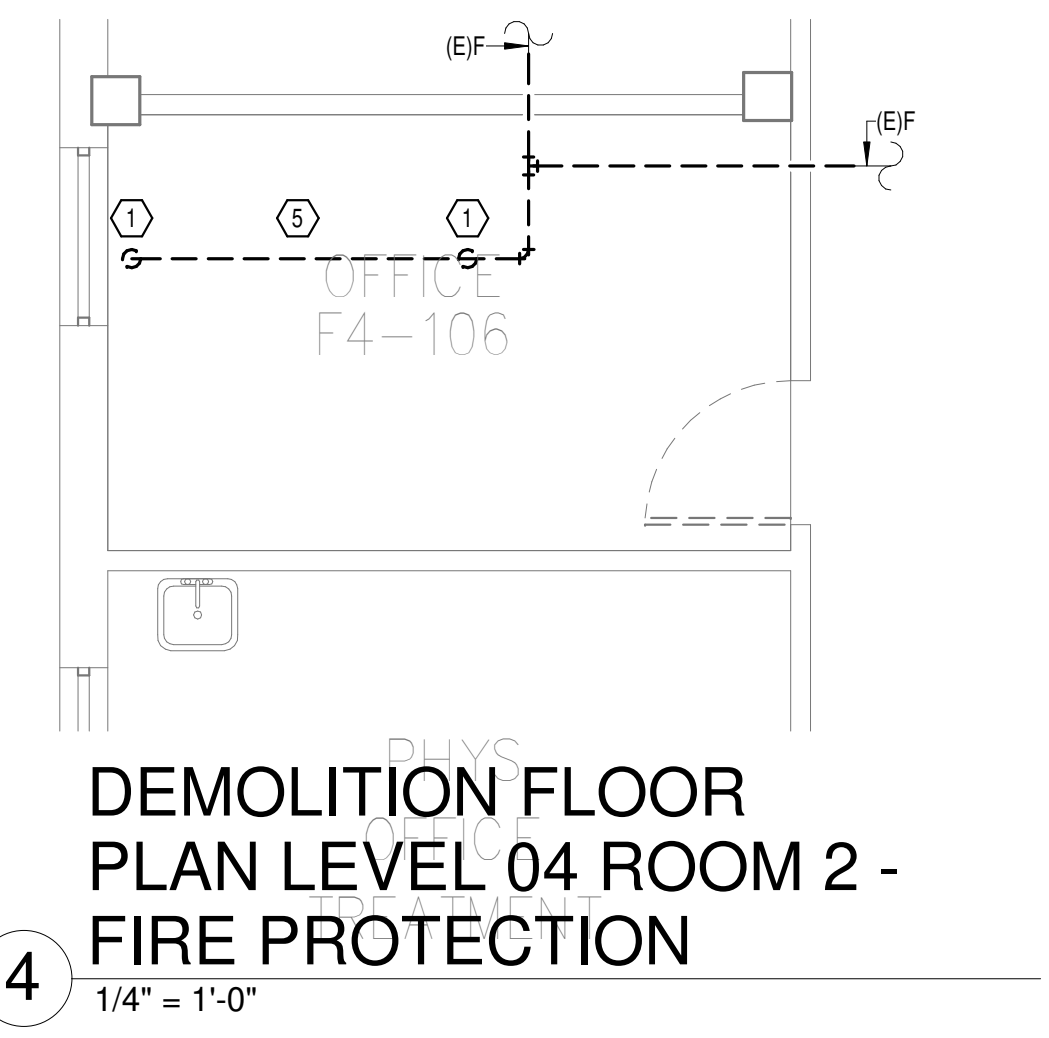
- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
- B. ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED. EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
- C. UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
- D. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.

**SHEET NOTES:**

- 1. REMOVE EXISTING SPRINKLER HEAD FOR CEILING REMOVAL. REFER TO NEW WORK PLANS FOR INSTALLATION OF NEW UPRIGHT HEADS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 2. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE TR. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 3. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
- 4. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION "LIGHT HAZARD": RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.
- 5. DEMOLISH FIRE PROTECTION PIPING BACK TO BOUNDARY OF NEW TR.
- 6. REROUTE FIRE PROTECTION BRANCH OUTSIDE OF TR.



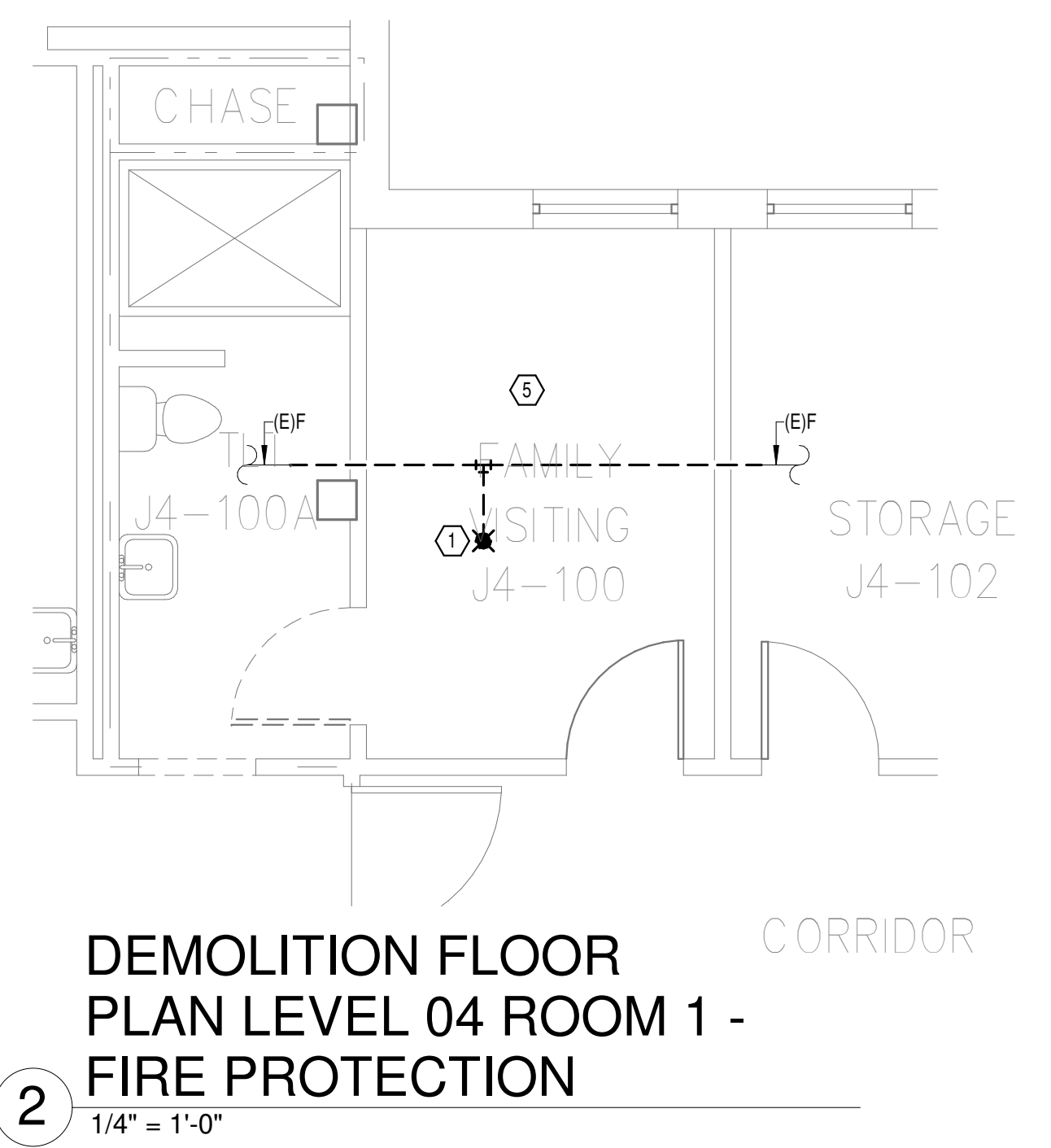
**1**  
OVERALL FLOOR PLAN  
LEVEL 04 - FIRE  
PROTECTION  
1" = 20'-0"



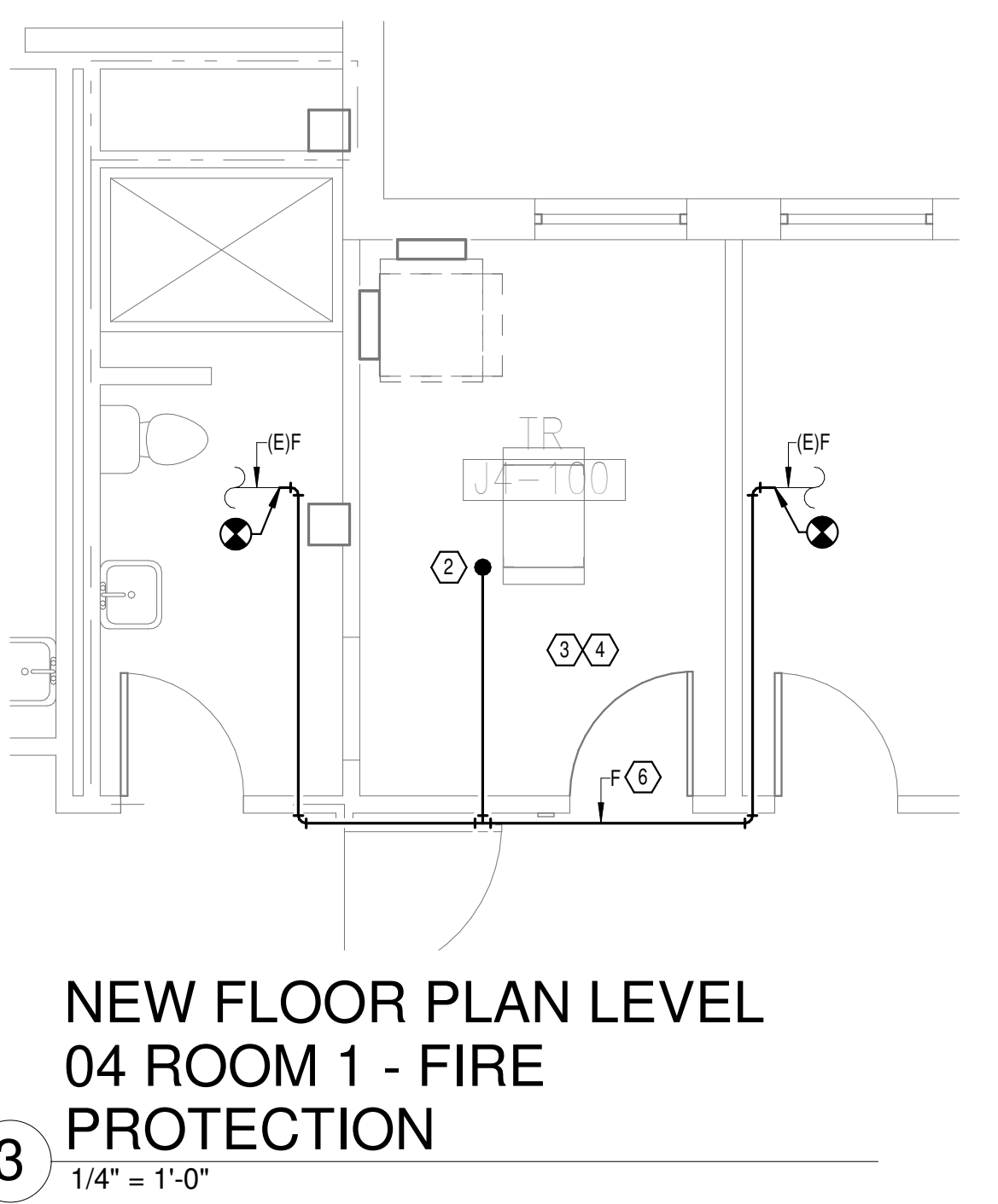
**4**  
DEMOLITION FLOOR  
PLAN LEVEL 04 ROOM 2 -  
FIRE PROTECTION  
1/4" = 1'-0"



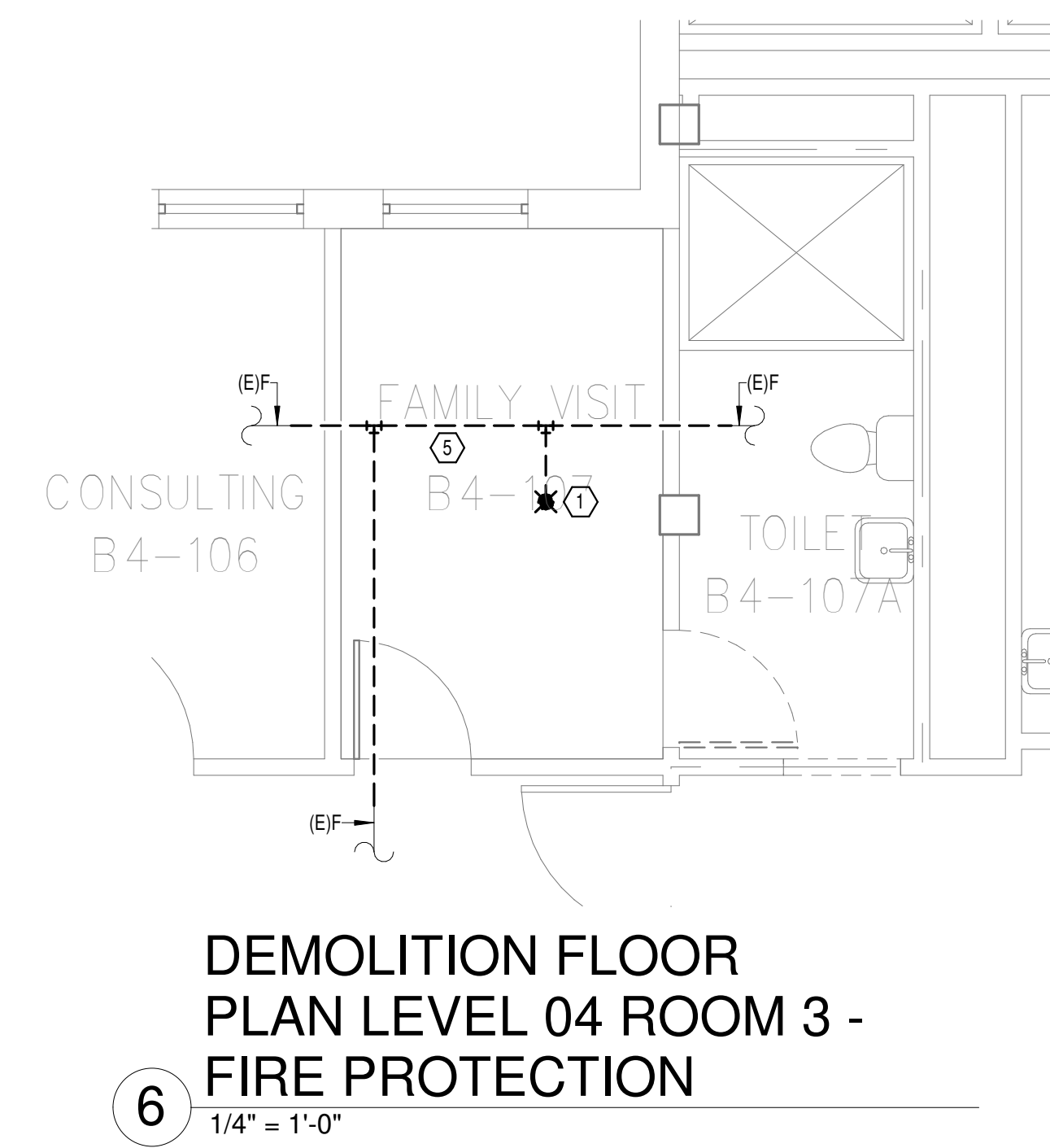
**5**  
NEW FLOOR PLAN LEVEL  
04 ROOM 2 - FIRE  
PROTECTION  
1/4" = 1'-0"



**2**  
DEMOLITION FLOOR  
PLAN LEVEL 04 ROOM 1 -  
FIRE PROTECTION  
1/4" = 1'-0"



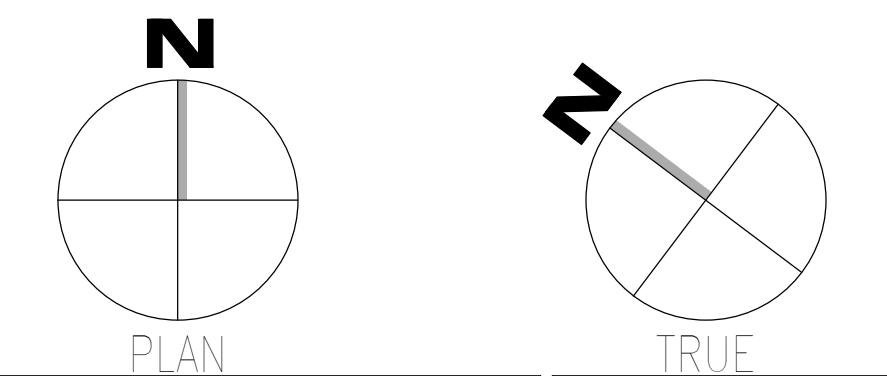
**3**  
NEW FLOOR PLAN LEVEL  
04 ROOM 1 - FIRE  
PROTECTION  
1/4" = 1'-0"



**6**  
DEMOLITION FLOOR  
PLAN LEVEL 04 ROOM 3 -  
FIRE PROTECTION  
1/4" = 1'-0"



**7**  
NEW FLOOR PLAN LEVEL  
04 ROOM 3 - FIRE  
PROTECTION  
1/4" = 1'-0"



08/03/2024 14:57:07  
 Autodesk Docs: 202375-008 - VA Tuscaloosa EHRM Infrastructure Upgrades/202375-008 - VA EHRM Tuscaloosa R00\_0137.rvt  
 VA FORM 08 - 6231

Revisions:	Date:

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 127 Nationwide Drive  
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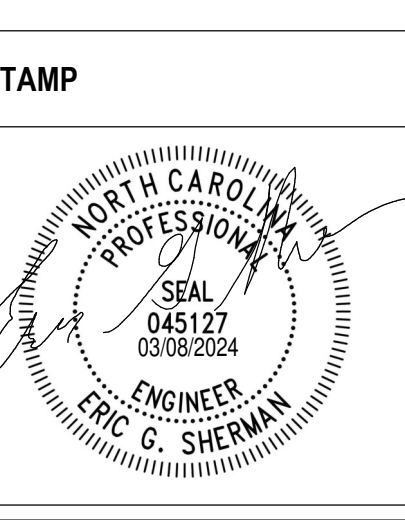
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 NC Architectural License No.: 51254



**Office of Construction and Facilities Management**

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**BUILDING 137 LEVEL 04 - FIRE PROTECTION**

Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

Project Title EHRM INFRASTRUCTURE UPGRADES	Project Number 679-20-104
Location TUSCALOOSA VAMC, TUSCALOOSA, AL.	Building Number 137
Issue Date 03/08/2024	Checked JKK
Drawn PCM	Drawing Number F-137.4

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**GENERAL NOTES:**

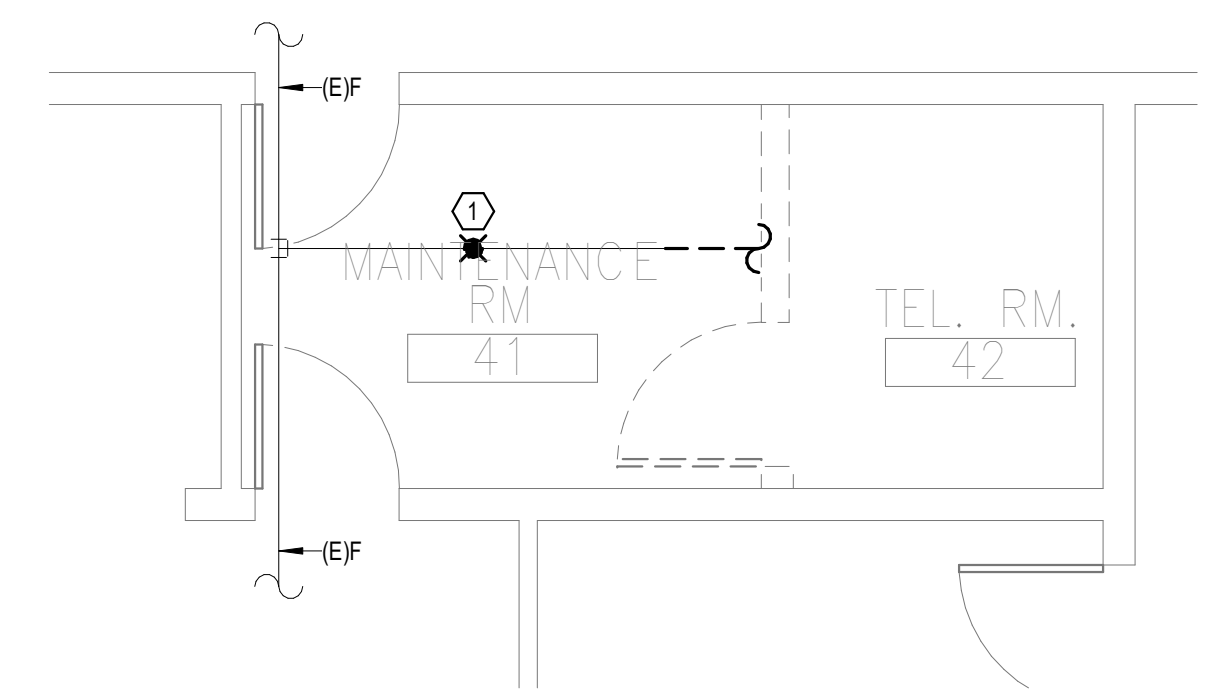
- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
- B. ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED. EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
- C. UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
- D. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.

**SHEET NOTES:**

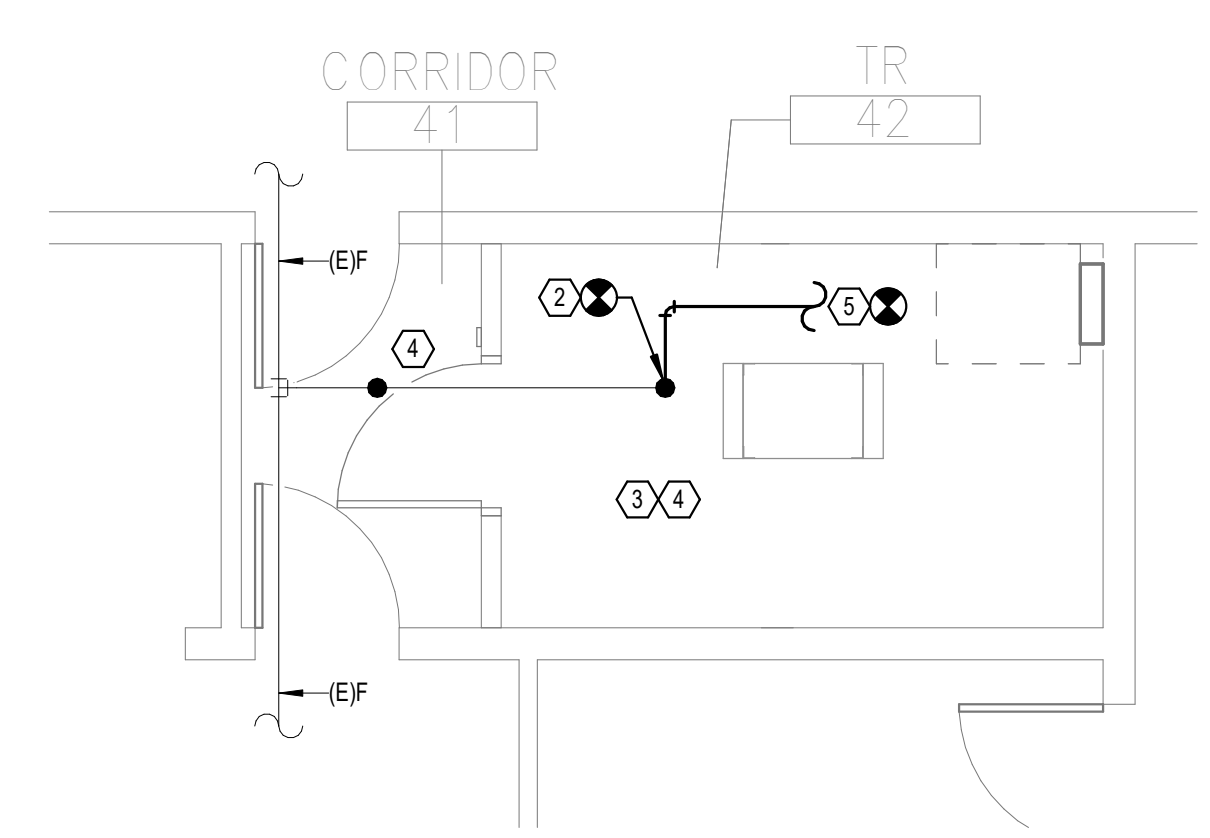
1. DEMOLISH EXISTING SPRINKLER HEAD FOR CEILING REMOVAL AND SPRINKLER PIPE TO POINT INDICATED. REFER TO NEW WORK PLANS FOR INSTALLATION OF NEW UPRIGHT HEADS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
2. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE TR 42. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
3. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
4. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION "LIGHT HAZARD". RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.
5. CONNECT NEW SPRINKLER PIPE TO EXISTING SPRINKLER PIPE.



**1**  
OVERALL FLOOR PLAN  
LEVEL 01 - FIRE  
PROTECTION  
1/8" = 1'-0"

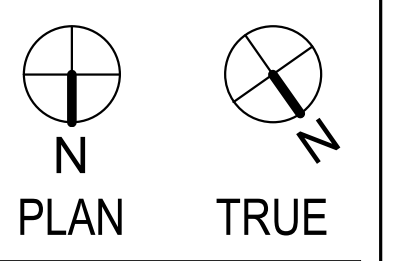


**2**  
DEMOLITION FLOOR  
PLAN LEVEL 01 - FIRE  
PROTECTION  
1/4" = 1'-0"



**3**  
NEW FLOOR PLAN LEVEL  
01 - FIRE PROTECTION  
1/4" = 1'-0"

Autodesk/Client: 2023/05/08 - VA, Tuscaloosa EHRM Infrastructure Upgrades/2023/05/08 - VA, EHRM, Tuscaloosa, R50, B145.rvt  
 08/03/2024 11:30:58  
 VA FORM 08 - 6231



Revisions:	Date:

**CONSULTANT**

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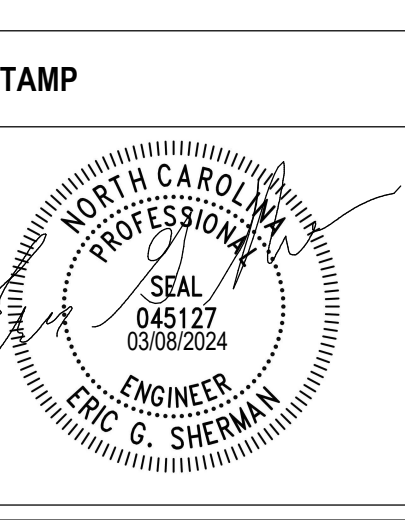
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 NC Architectural License No.: 51254



**Office of Construction and Facilities Management**

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**BUILDING 143 LEVEL 01 - FIRE PROTECTION**

Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

Project Title  
**EHRM INFRASTRUCTURE UPGRADES**

Location  
**TUSCALOOSA VAMC, TUSCALOOSA AL.**

Issue Date  
 03/08/2024

Checked  
 JKK

Drawn  
 PCM

Project Number  
 679-20-104

Building Number  
 143

Drawing Number  
**F-143.1**

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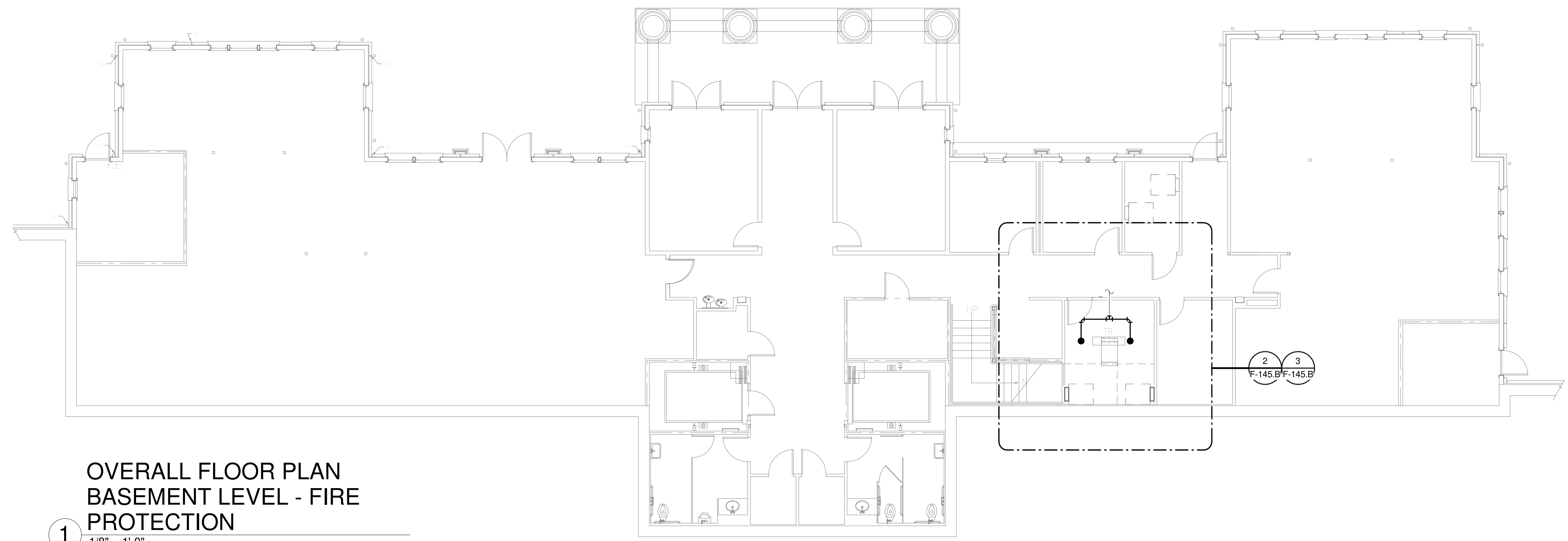
F

**GENERAL NOTES:**

- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
- B. ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED, EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
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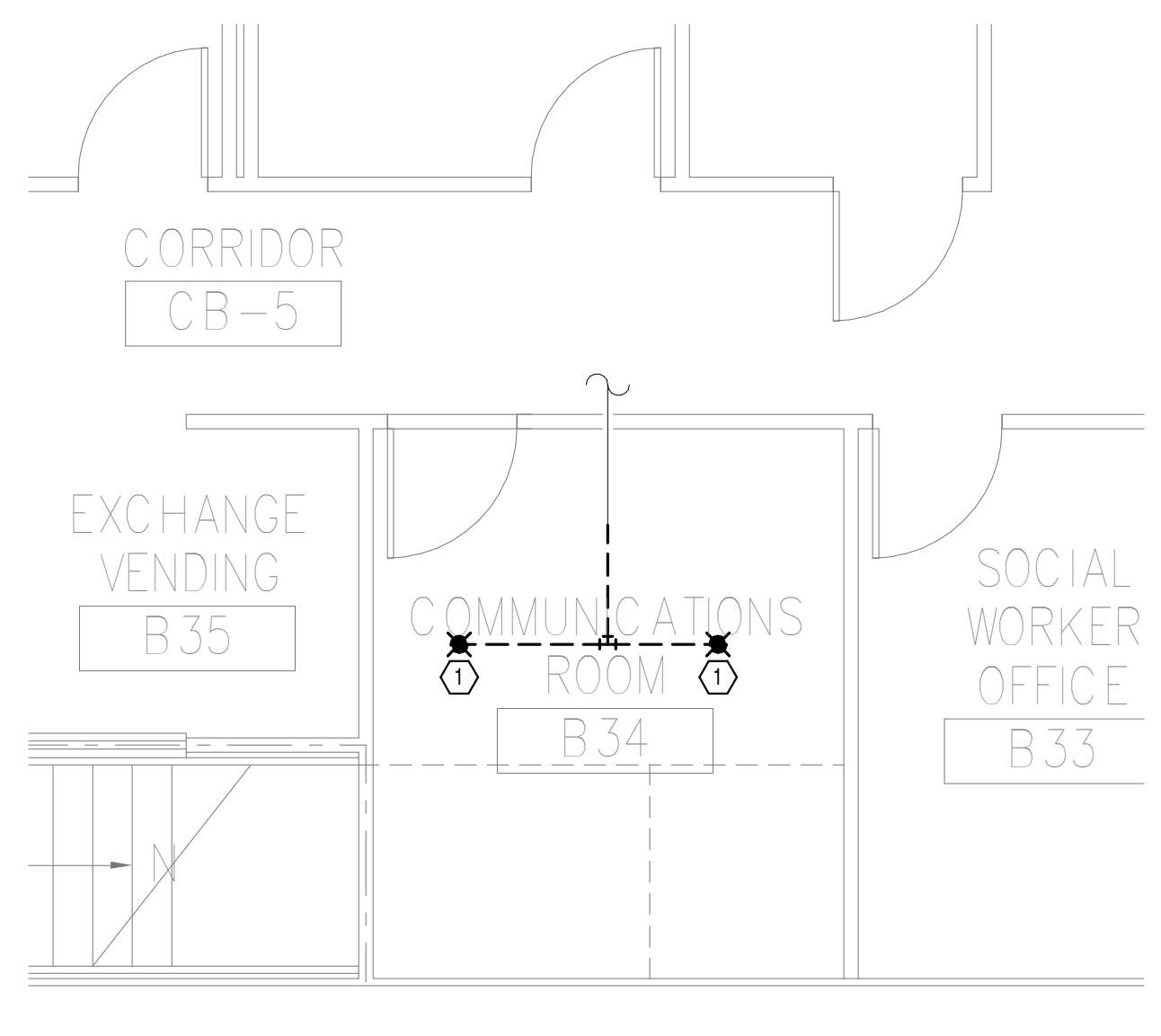
**SHEET NOTES:**

- 1. DEMOLISH EXISTING SPRINKLER HEAD AND SPRINKLER PIPE TO POINT INDICATED. REFER TO NEW WORK PLANS FOR INSTALLATION OF NEW UPRIGHT HEADS. REPLACEMENT OF THE EXISTING UPRIGHT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 2. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARD TO SERVE B34. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING UPRIGHT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 3. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
- 4. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION "LIGHT HAZARD". RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.



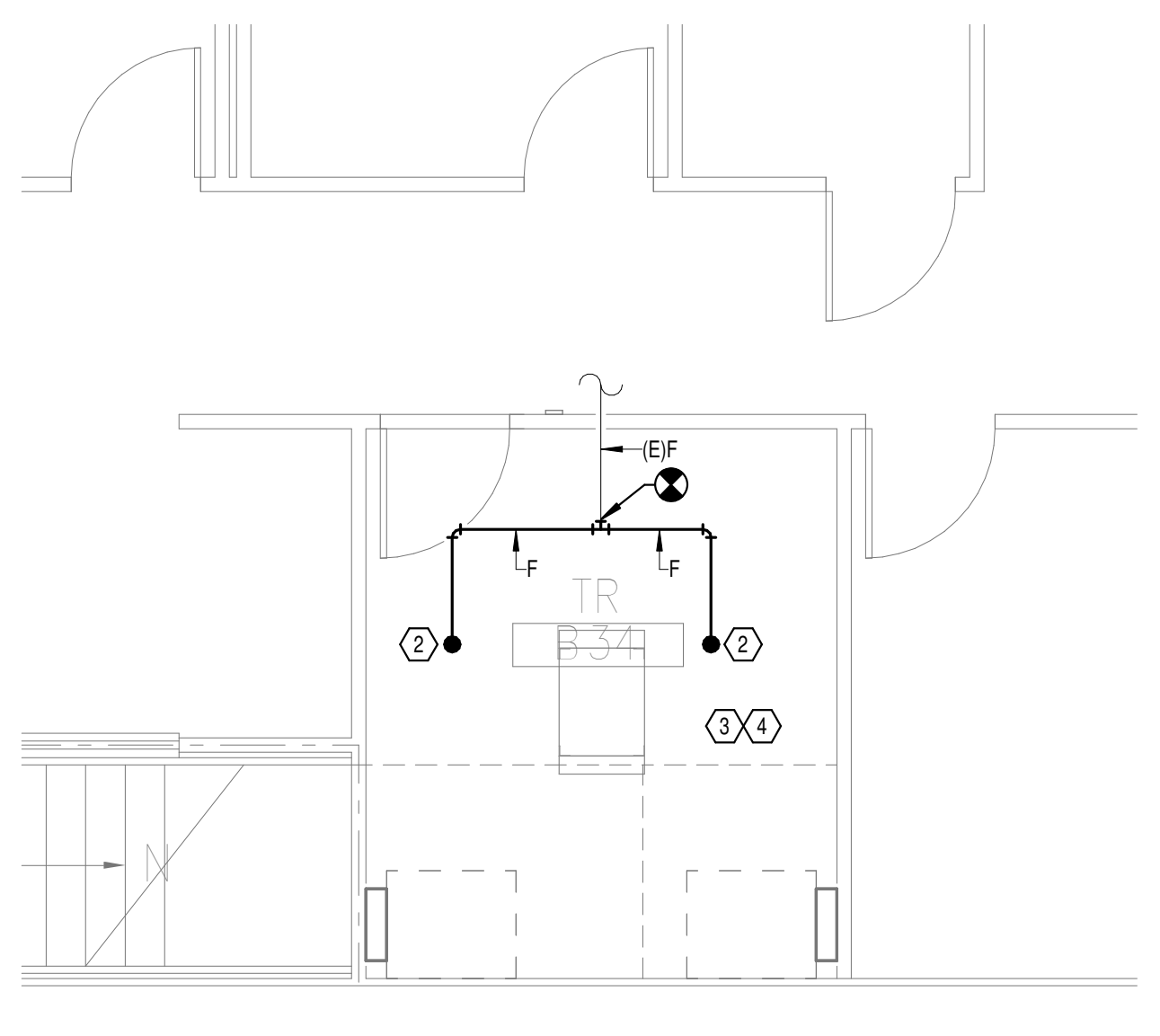
**OVERALL FLOOR PLAN  
BASEMENT LEVEL - FIRE  
PROTECTION**

1  
1/8" = 1'-0"



**DEMOLITION FLOOR  
PLAN BASEMENT LEVEL -  
FIRE PROTECTION**

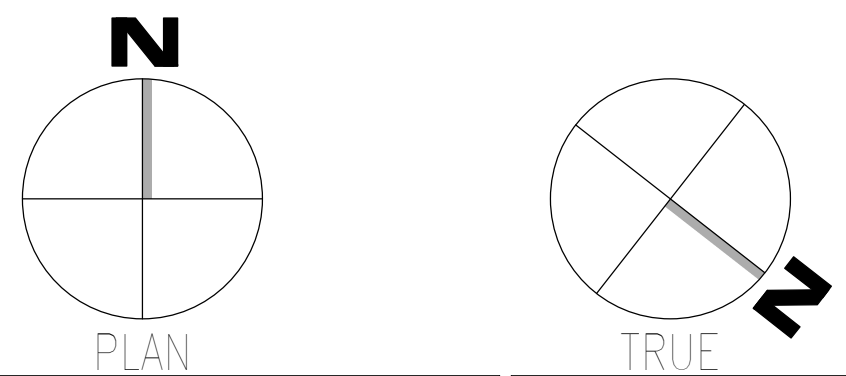
2  
1/4" = 1'-0"



**NEW FLOOR PLAN  
BASEMENT LEVEL - FIRE  
PROTECTION**

3  
1/4" = 1'-0"

Autodesk Docs: 202075.008 - VA Tuscaloosa EHRM Infrastructure Upgrades/2025.008 - VA EHRM Tuscaloosa R50 - B145.rvt  
 08/03/2024 11:25:59  
 VA FORM 08 - 6231



Revisions:	Date:

**CONSULTANT**

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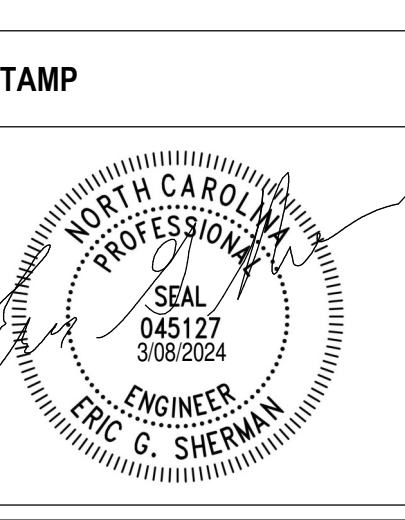
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NC Engineering License No.: P-0214  
 NC Architectural License No.: 51254



**Office of Construction and Facilities Management**

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**BUILDING 145 BASEMENT LEVEL - FIRE PROTECTION**

Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

Project Title  
**EHRM INFRASTRUCTURE UPGRADES**

Project Number  
**679-20-104**

Building Number  
**145**

Drawing Number  
**F-145.B**

Location  
**TUSCALOOSA VAMC, TUSCALOOSA, AL.**

Issue Date  
**03/08/2024**

Checked  
**JKK**

Drawn  
**PCM**

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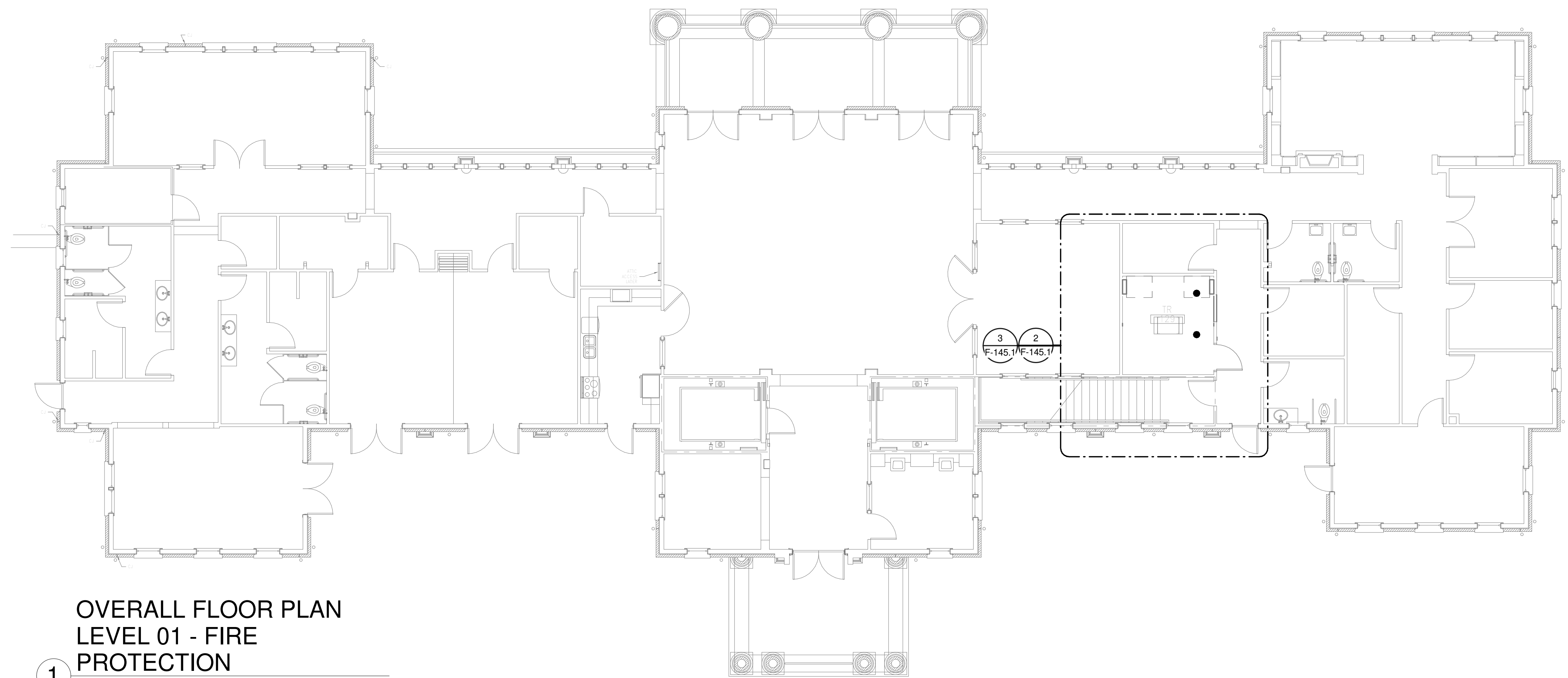
F

**GENERAL NOTES:**

- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
- B. ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED, EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
- C. UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
- D. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.

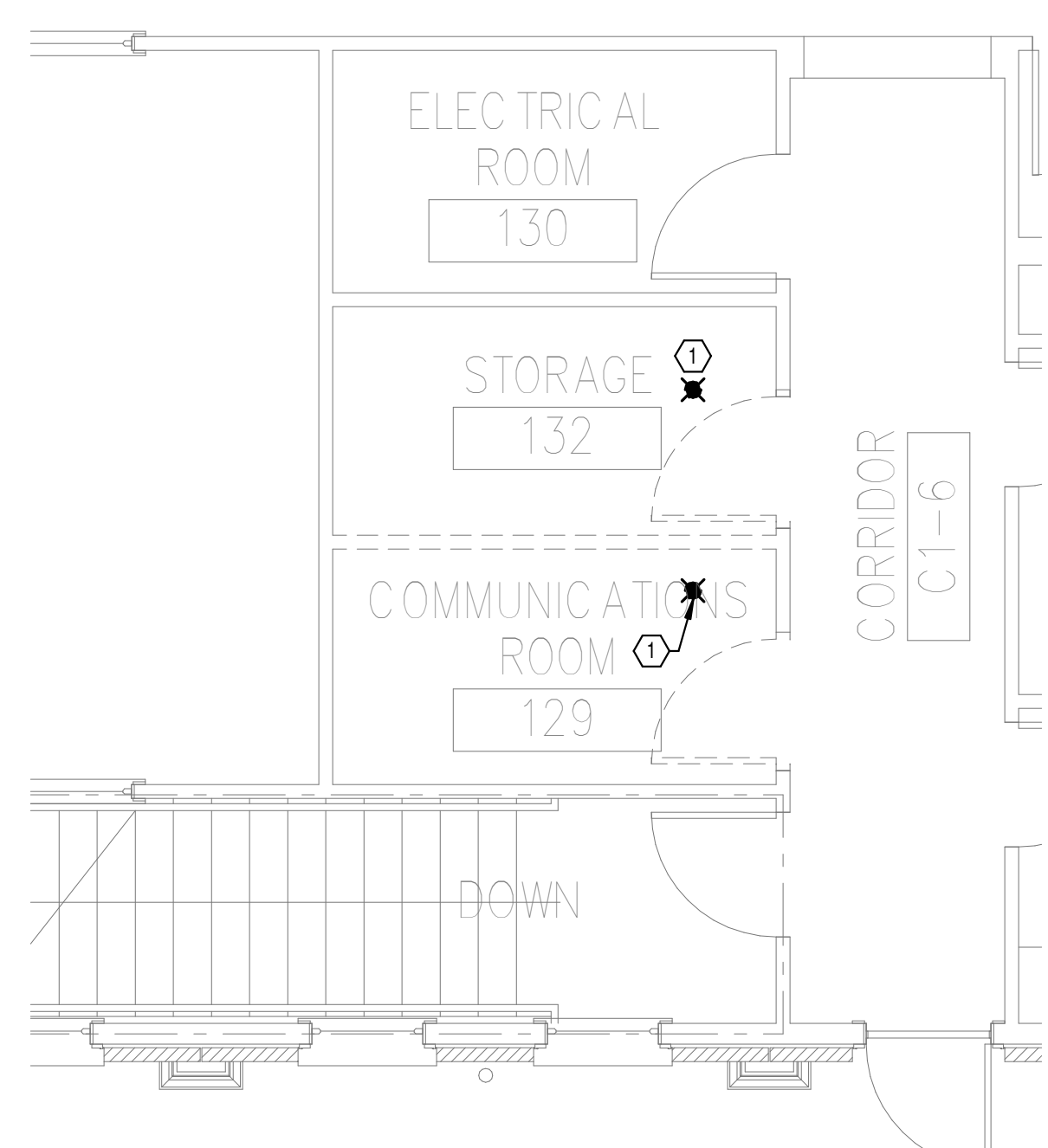
**SHEET NOTES:**

- 1. REMOVE EXISTING SPRINKLER HEAD FOR CEILING REMOVAL. REPLACEMENT FOR THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 2. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE TR 129. CONNECT NEW SPRINKLER HEAD TO EXISTING SPRINKLER MAIN. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 3. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
- 4. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION "LIGHT HAZARD". RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.



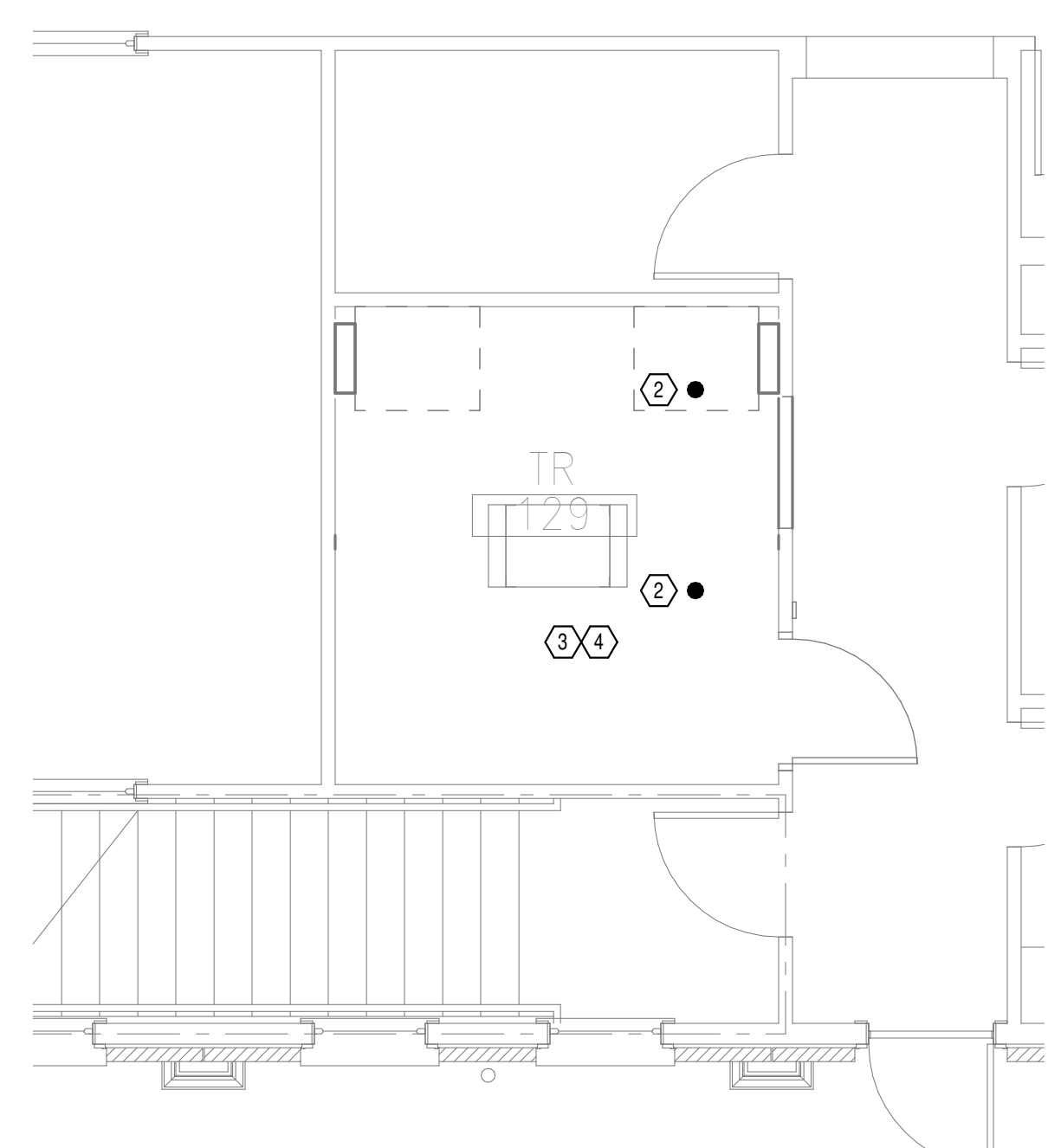
**OVERALL FLOOR PLAN  
LEVEL 01 - FIRE  
PROTECTION**

1  
1/8" = 1'-0"



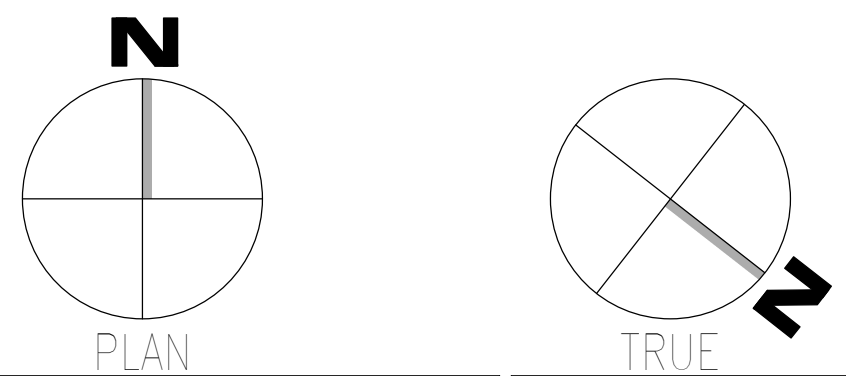
**DEMOLITION FLOOR  
PLAN LEVEL 01 - FIRE  
PROTECTION**

2  
1/4" = 1'-0"



**NEW FLOOR PLAN LEVEL  
01 - FIRE PROTECTION**

3  
1/4" = 1'-0"



Autodesk Docs: 202075.008 - VA Tuscaloosa EHRM Infrastructure Upgrades/2025.008 - VA EHRM Tuscaloosa R50 - B145.rvt  
 08/03/2024 11:28:00  
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Revisions:	Date:

**CONSULTANT**

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**STAMP**

**Office of Construction and Facilities Management**

**VA** U.S. Department of Veterans Affairs

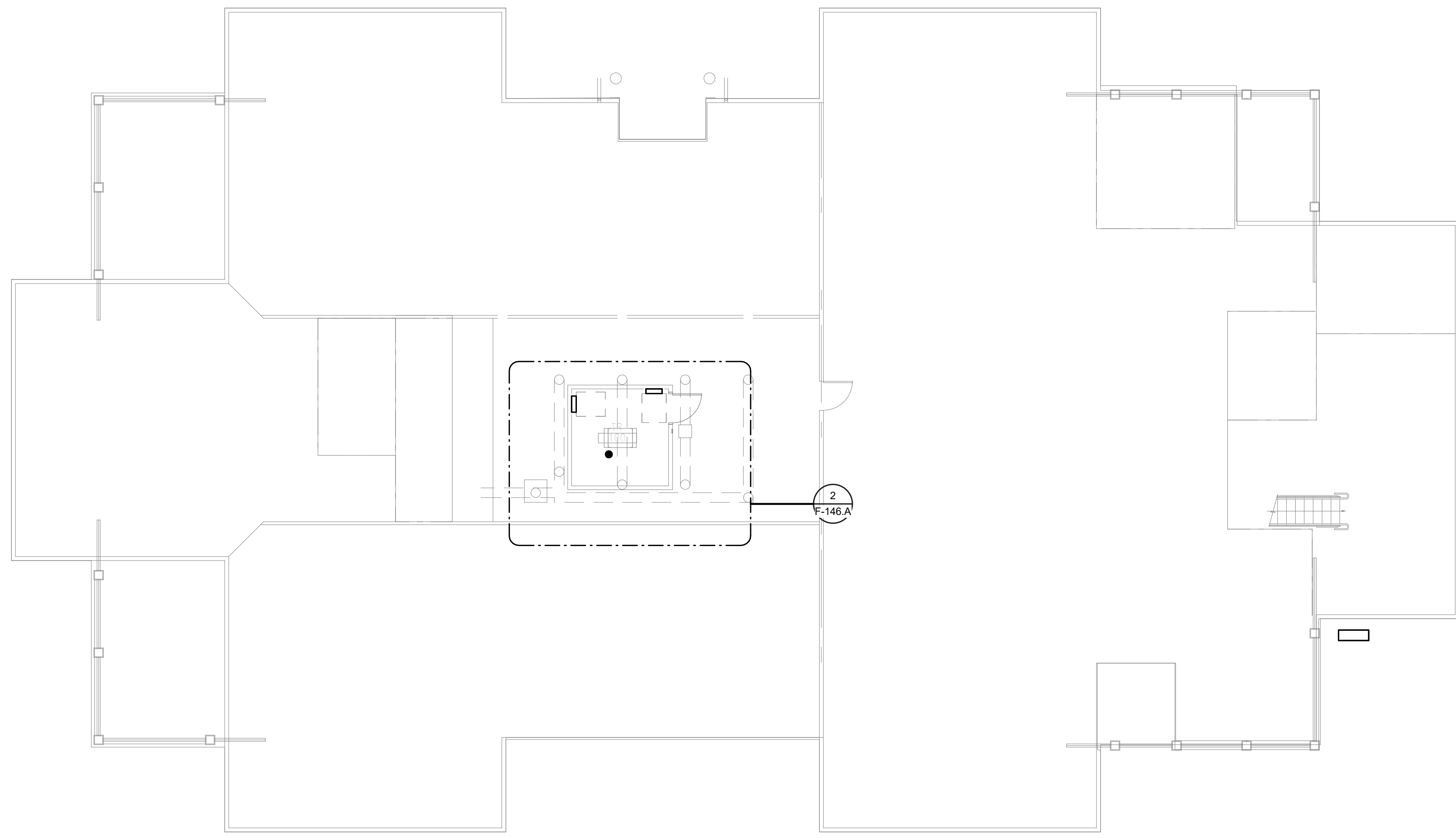
Drawing Title  
**BUILDING 145 LEVEL 01 - FIRE PROTECTION**

Approved: \_\_\_\_\_

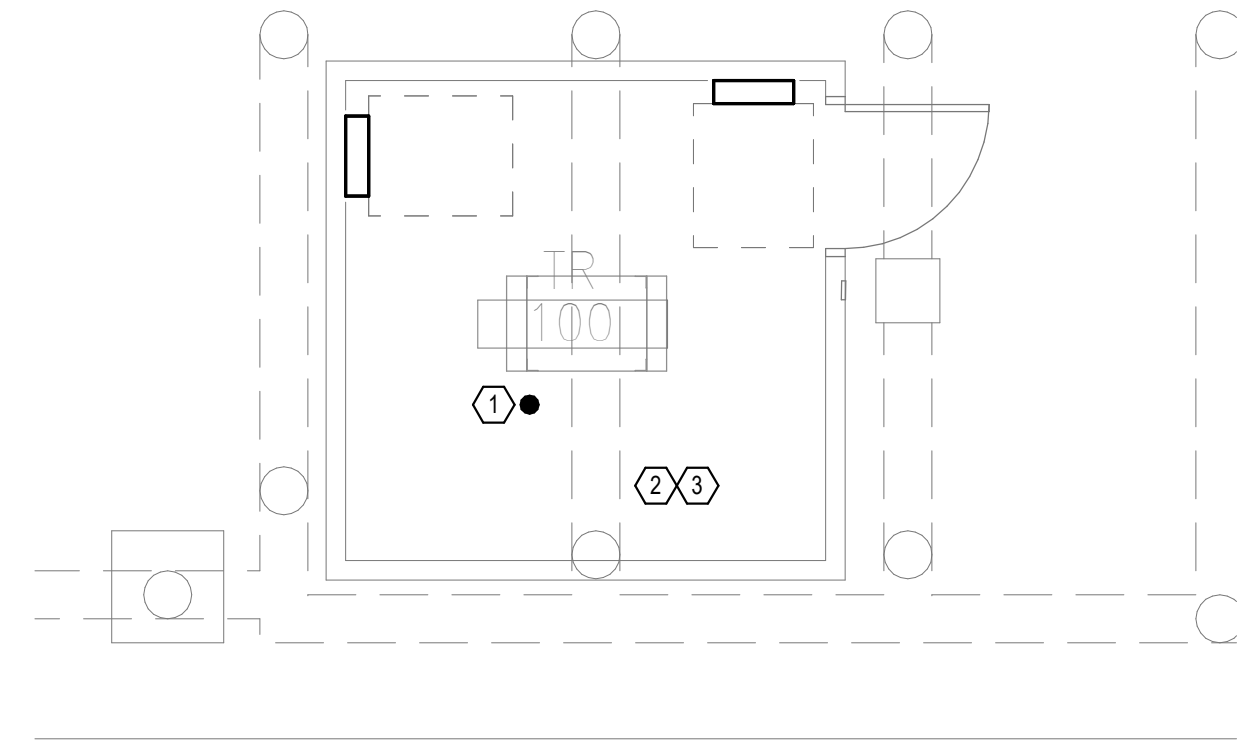
Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

Project Title EHRM INFRASTRUCTURE UPGRADES	Project Number 679-20-104
Location TUSCALOOSA VAMC, TUSCALOOSA, AL.	Building Number 145
Issue Date 03/08/2024	Checked JKK
Drawn PCM	Drawing Number F-145.1



**1**  
OVERALL FLOOR PLAN  
ATTIC - FIRE  
PROTECTION  
1/8" = 1'-0"

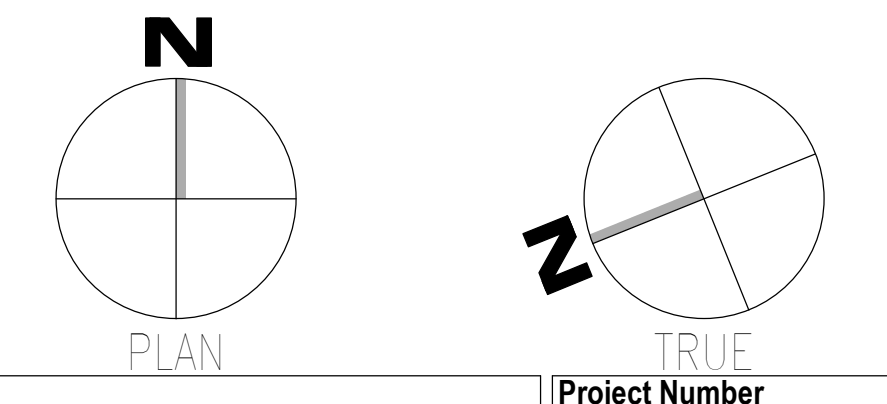


**2**  
NEW FLOOR PLAN ATTIC  
- FIRE PROTECTION  
1/4" = 1'-0"

- GENERAL NOTES:**
- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
  - B. ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED, EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
  - C. UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
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- SHEET NOTES:**
1. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE 100. VERIFY COVERAGE REQUIREMENTS. SPRINKLER SHALL BE SERVED FROM SPRINKLER PIPING ABOVE.
  2. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
  3. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION "LIGHT HAZARD", RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.

Autodesk/Client: 2023/05/08 - VA Tuscaloosa EHRM Infrastructure Upgrades/2023/05/08 - VA EHRM Tuscaloosa R50 - B146.rvt  
 08/03/2024 14:11:39  
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Revisions:	Date:

**CONSULTANT**

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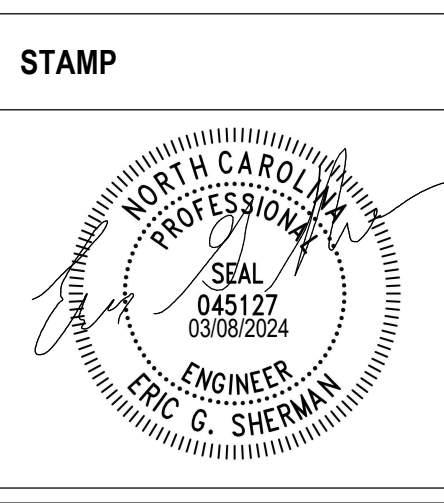
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Office of Construction and Facilities Management

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**BUILDING 146 ATTIC - FIRE PROTECTION**

Approved:

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

Project Title  
**EHRM INFRASTRUCTURE UPGRADES**

Location  
**TUSCALOOSA VAMC, TUSCALOOSA, AL.**

Issue Date  
 03/08/2024

Checked  
 JKK

Drawn  
 PCM

Project Number  
 679-20-104

Building Number  
 146

Drawing Number  
**F-146.A**

A

B

C

D

E

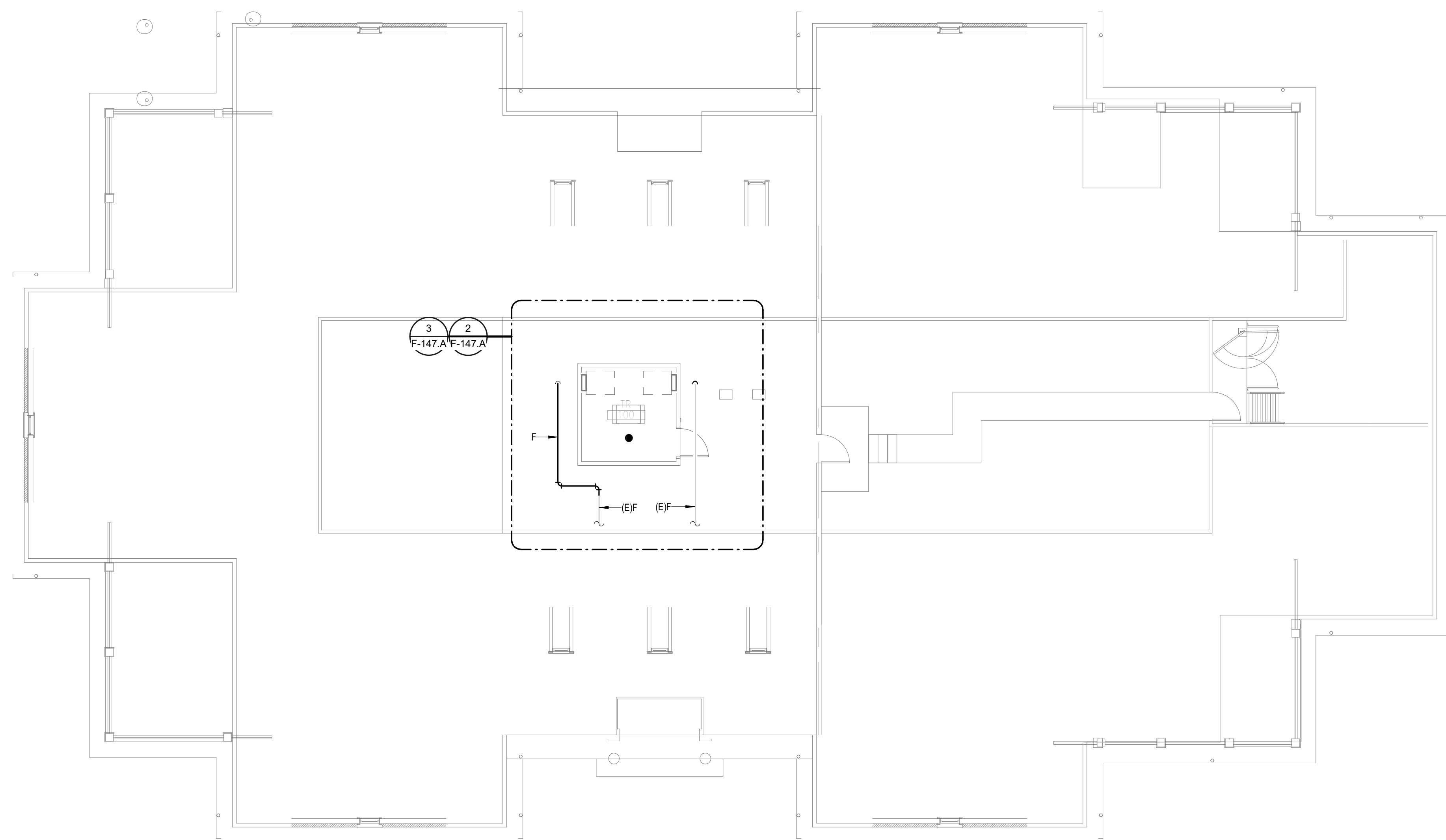
F

**GENERAL NOTES:**

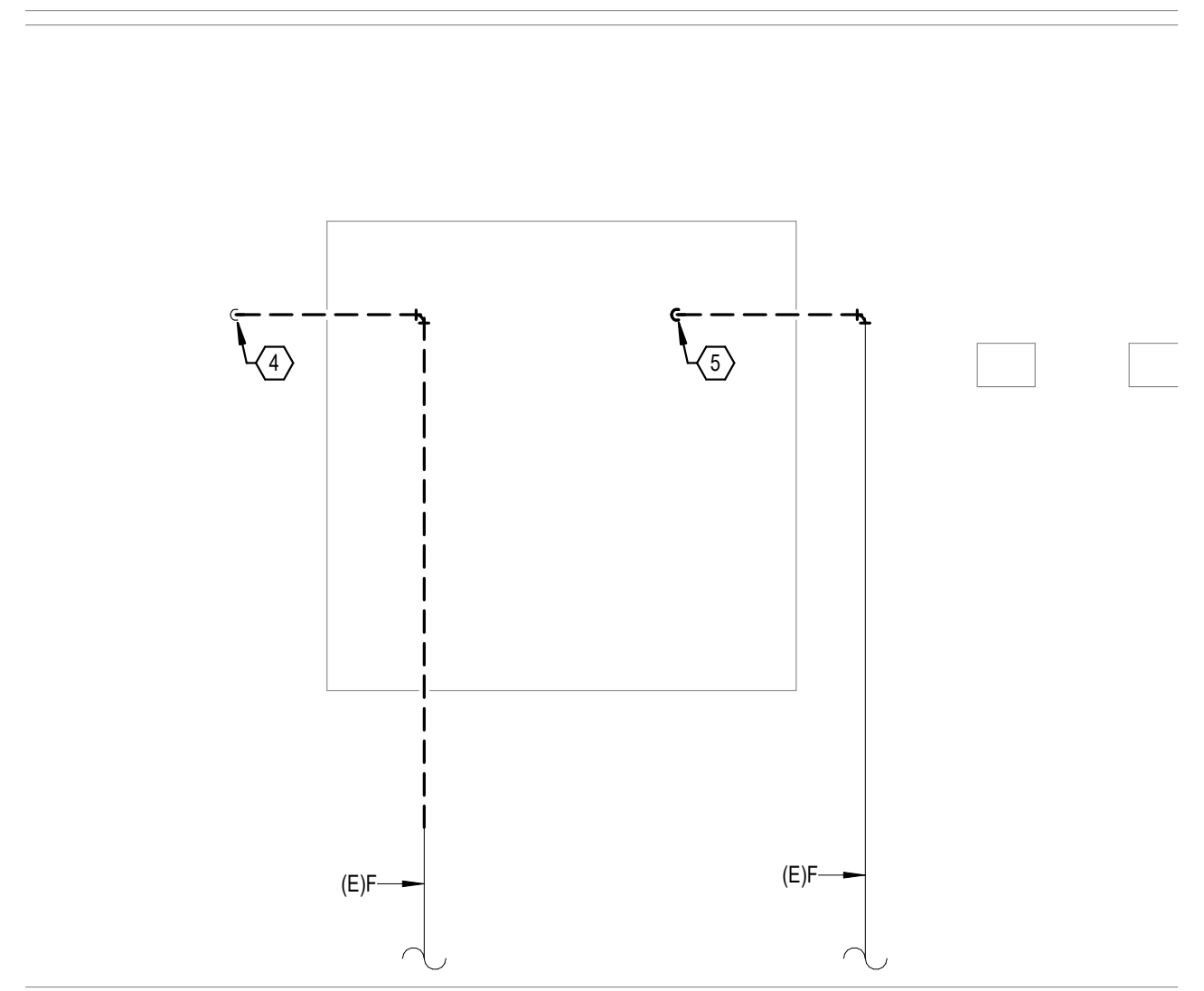
- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
- B. ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED, EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
- C. UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
- D. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.

**SHEET NOTES:**

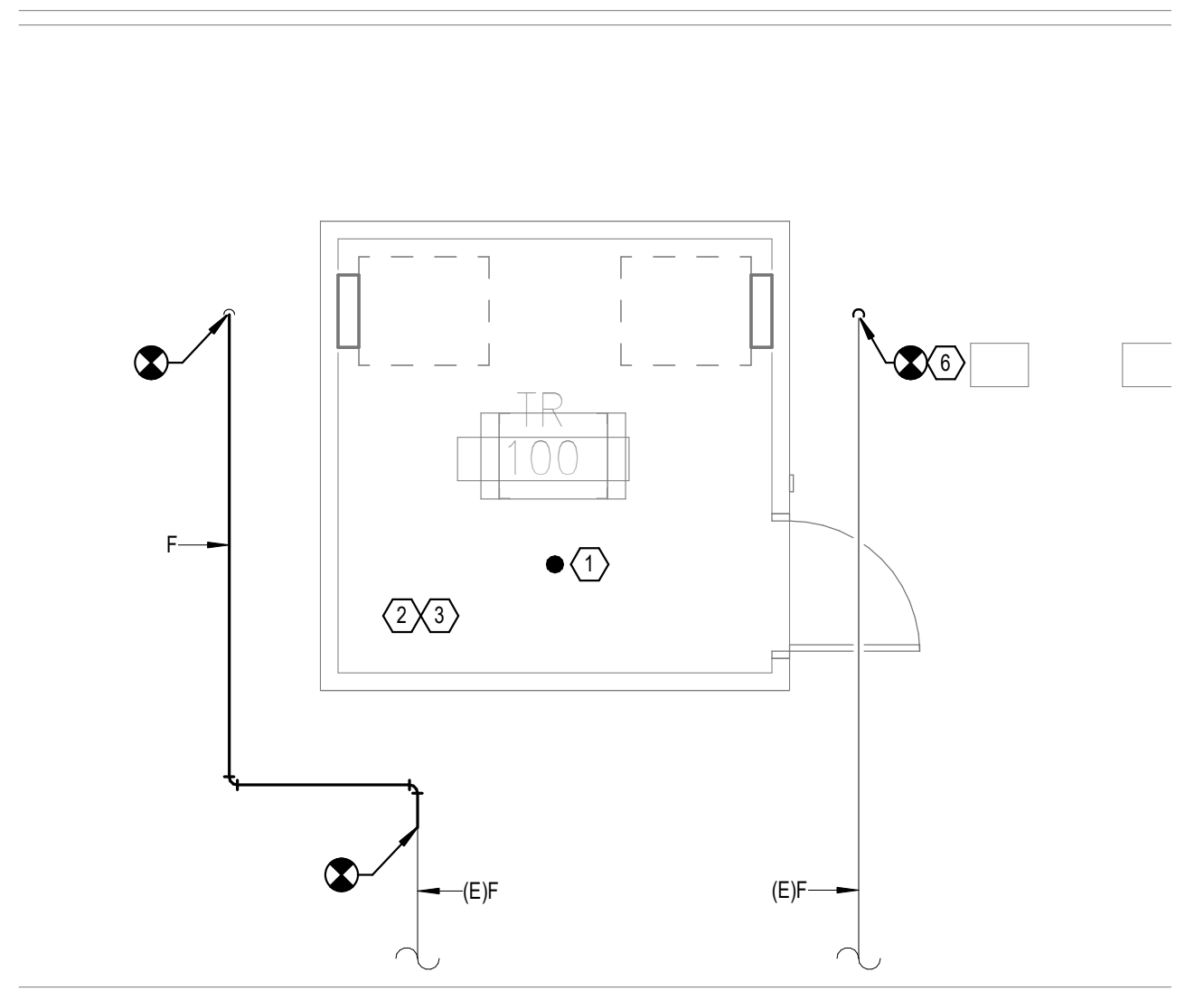
- 1. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE 100. VERIFY COVERAGE REQUIREMENTS. SPRINKLER SHALL BE SERVED FROM SPRINKLER PIPING ABOVE.
- 2. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
- 3. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION "LIGHT HAZARD", RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND I/A REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.
- 4. DEMOLISH SPRINKLER HEAD IN CEILING BELOW AND ASSOCIATED SPRINKLER PIPING TO POINT INDICATED.
- 5. DEMOLISH SPRINKLER PIPING WHERE INDICATED. EXISTING SPRINKLER HEAD IN CEILING BELOW SHALL REMAIN FOR RECONNECTION TO NEW SPRINKLER PIPING.
- 6. INSTALL NEW SPRINKLER HEAD IN CEILING BELOW. SPRINKLER HEAD TYPE AND STYLE SHALL MATCH EXISTING SPRINKLER HEADS.



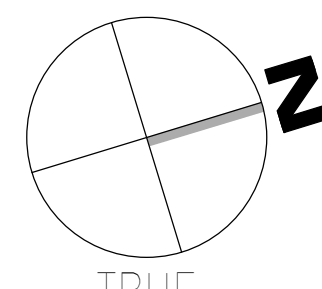
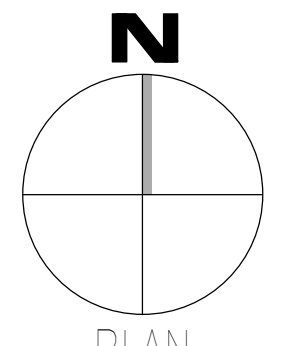
**OVERALL FLOOR PLAN  
ATTIC - FIRE  
PROTECTION**  
1  
1/8" = 1'-0"



**DEMOLITION FLOOR PLAN  
ATTIC - FIRE  
PROTECTION**  
2  
1/4" = 1'-0"



**NEW FLOOR PLAN ATTIC  
- FIRE PROTECTION**  
3  
1/4" = 1'-0"



AutoCAD: C:\Users\j20275\OneDrive - VA Tuscaloosa EHRM Infrastructure Upgrades\2025\008\_VA EHRM Tuscaloosa R50\_B147.rvt  
 08/03/2024 13:38:59  
 VA FORM 08 - 6231

Revisions:	Date:

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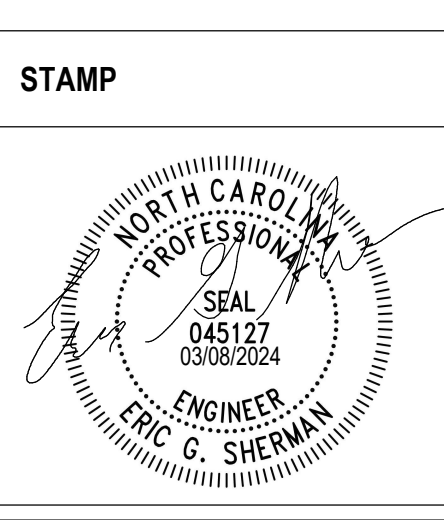
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**Office of Construction and Facilities Management**

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**BUILDING 147 ATTIC - FIRE PROTECTION**

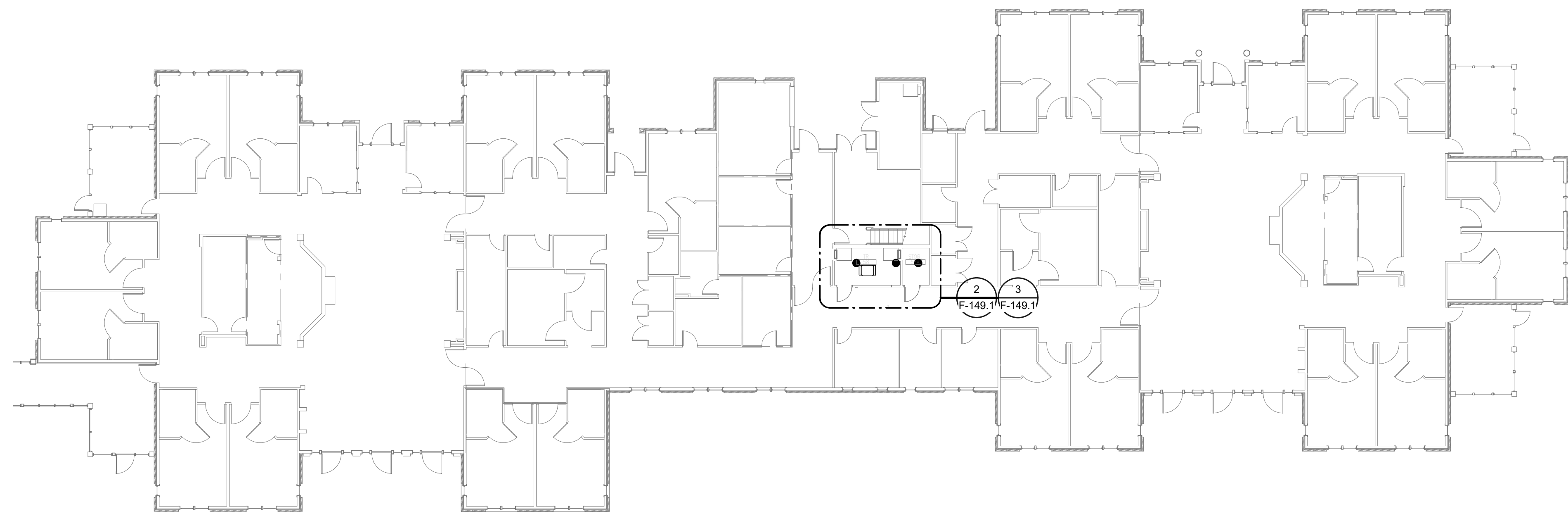
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Phase  
**100% CONSTRUCTION DOCUMENTS**

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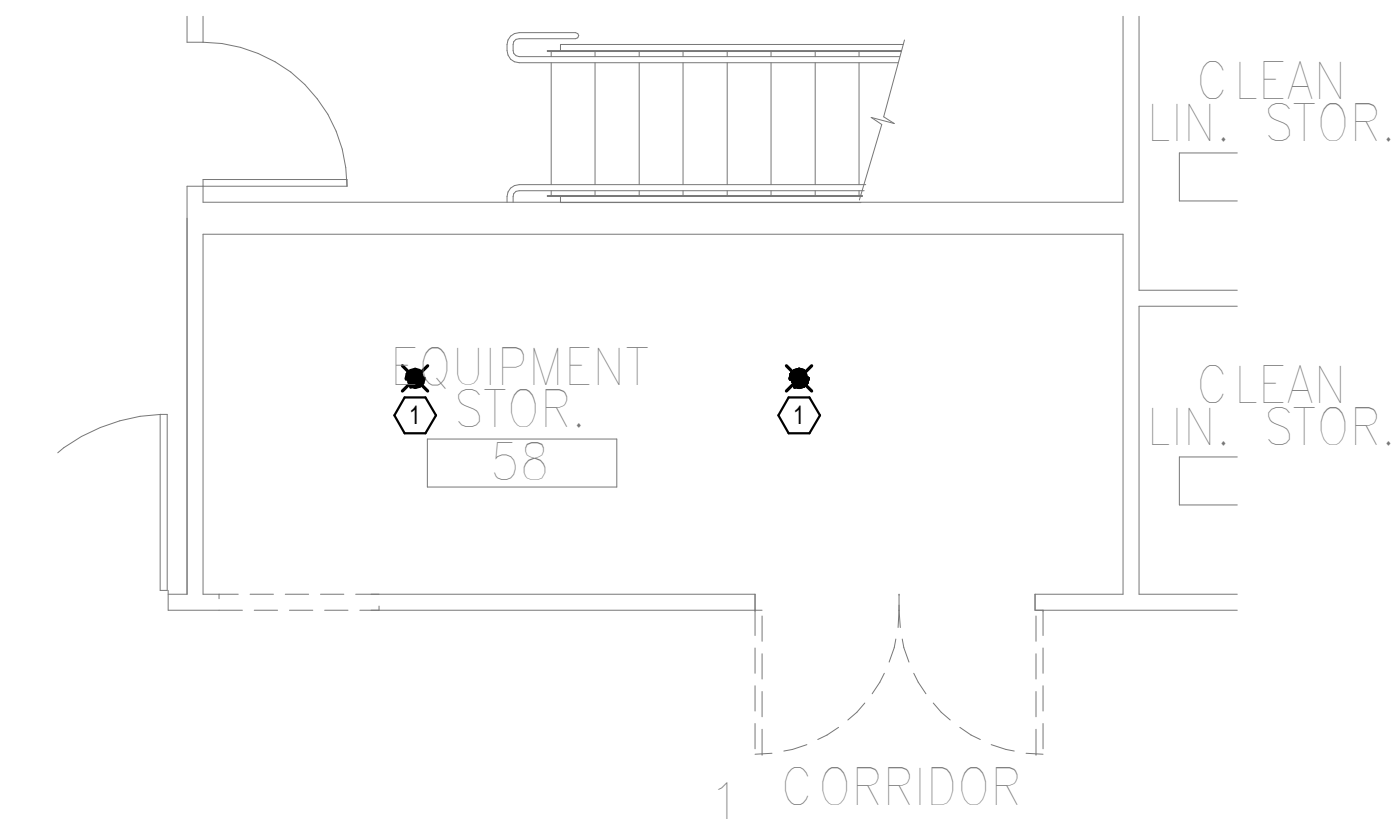
Project Title EHRM INFRASTRUCTURE UPGRADES	Project Number 679-20-104
Location TUSCALOOSA VAMC, TUSCALOOSA, AL.	Building Number 147
Issue Date 03/08/2024	Checked JKK
Drawn PCM	Drawing Number F-147.A





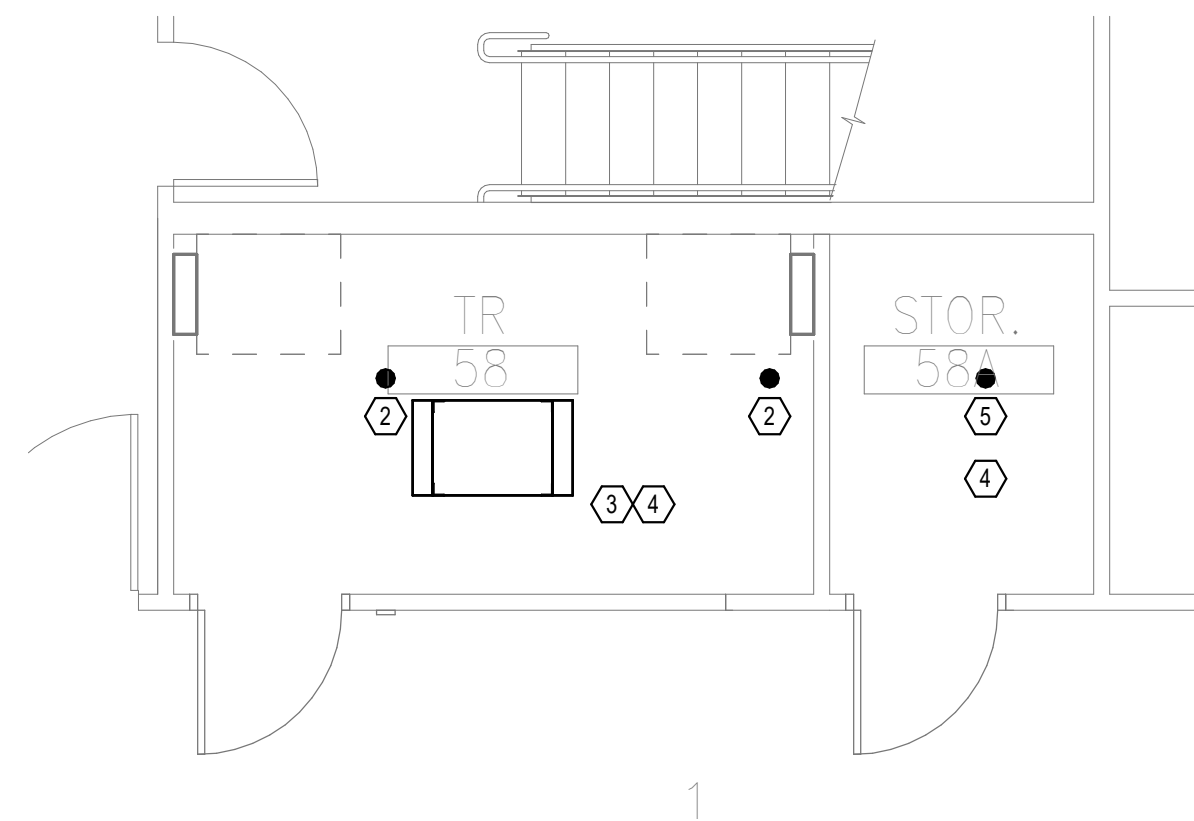
**OVERALL FLOOR PLAN  
LEVEL 01 - FIRE  
PROTECTION**

1 1/16" = 1'-0"



**DEMOLITION FLOOR  
PLAN LEVEL 01 - FIRE  
PROTECTION**

2 1/4" = 1'-0"



**NEW FLOOR PLAN LEVEL  
01 - FIRE PROTECTION**

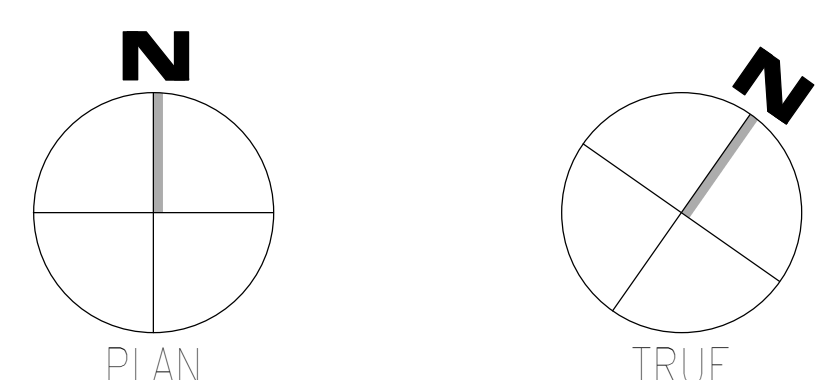
3 1/4" = 1'-0"

**GENERAL NOTES:**

- A. COVER SHEET GENERAL NOTES APPLY TO ALL SHEETS.
- B. ON DEMOLITION PLANS, EXISTING MECHANICAL SYSTEMS TO BE REMOVED ARE SHOWN HATCHED AND/OR DASHED. EXISTING MECHANICAL SYSTEMS TO REMAIN ARE SHOWN LIGHT LINE WEIGHT. ON ALL OTHER PLANS, NEW MECHANICAL SYSTEMS ARE INDICATED WITH HEAVY LINE WEIGHTS.
- C. UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT AND DUCTWORK INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
- D. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS, METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.

**SHEET NOTES:**

- 1. REMOVE EXISTING SPRINKLER HEAD FOR CEILING REMOVAL. REPLACEMENT FOR THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 2. INSTALL NEW UPRIGHT SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE 58. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW UPRIGHT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.
- 3. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
- 4. AREA OF EXISTING SPRINKLER COVERAGE, HAZARD CLASSIFICATION "LIGHT HAZARD". RELOCATE AND/OR ADD ADDITIONAL HEADS AND PIPING TO MEET COVERAGE REQUIREMENTS PER NFPA 13 AND VA REQUIREMENTS. COORDINATE HEAD LOCATIONS WITH EXISTING CONDITIONS AND ARCHITECT'S CEILING PLANS.
- 5. INSTALL NEW PENDANT SPRINKLER HEADS TO SERVE 58A. VERIFY COVERAGE REQUIREMENTS. REPLACEMENT OF THE EXISTING PENDENT SPRINKLER WITH NEW PENDANT SPRINKLER SHALL OCCUR AT THE SAME TIME TO AVOID A SPRINKLER OUTAGE IN THE ROOM.



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Revisions:	Date:

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 03/08/2024  
 G. SHERMAN

**Office of Construction and Facilities Management**

**VA** U.S. Department of Veterans Affairs

Drawing Title  
**BUILDING 149 LEVEL 01 - FIRE PROTECTION**

Approved:

Phase  
**100% CONSTRUCTION DOCUMENTS**

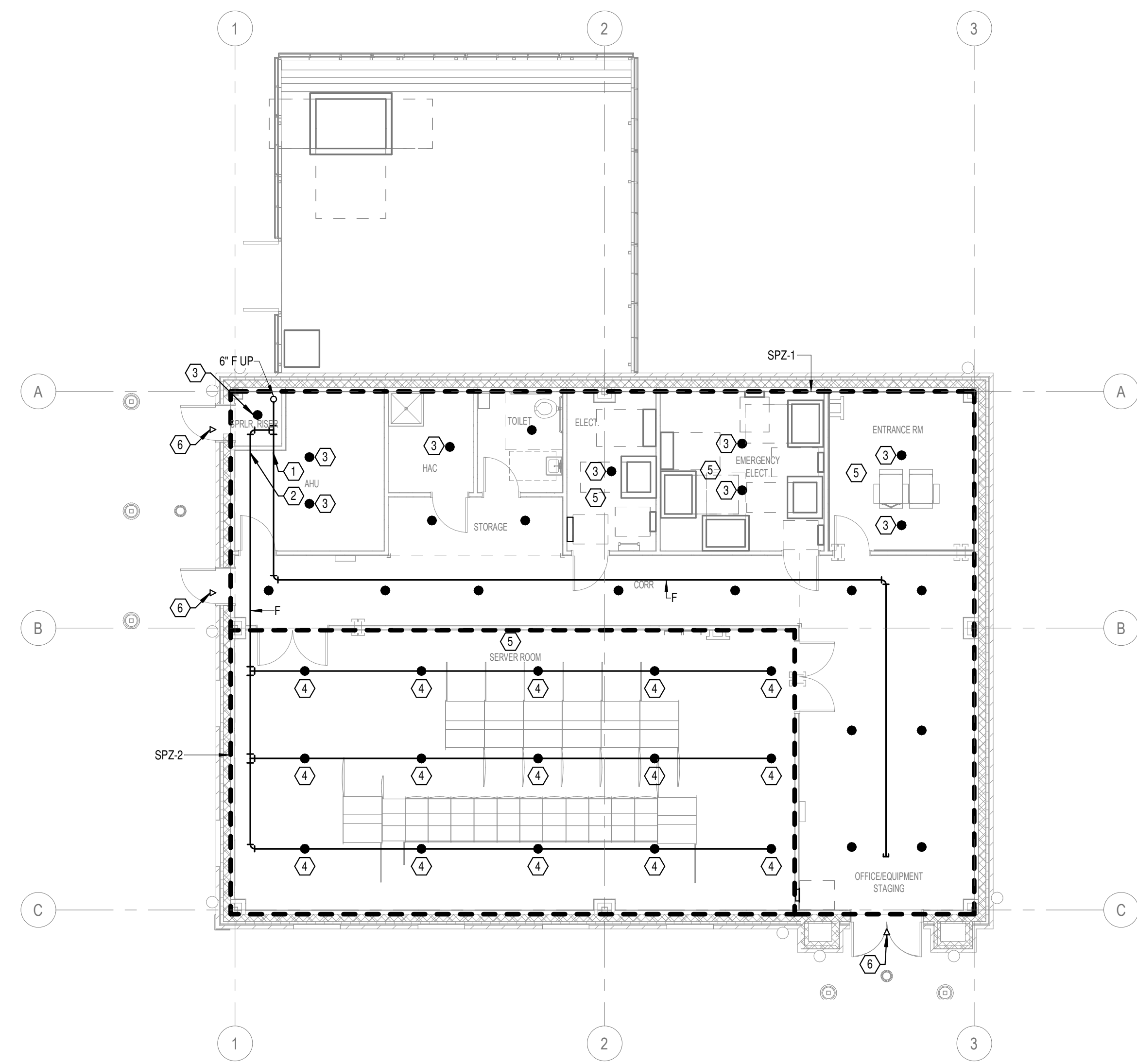
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Project Title EHRM INFRASTRUCTURE UPGRADES	Project Number 679-20-104
Location TUSCALOOSA VAMC, TUSCALOOSA, AL.	Building Number 149
Issue Date 03/08/2024	Checked JKK
Drawn PCM	Drawing Number F-149.1

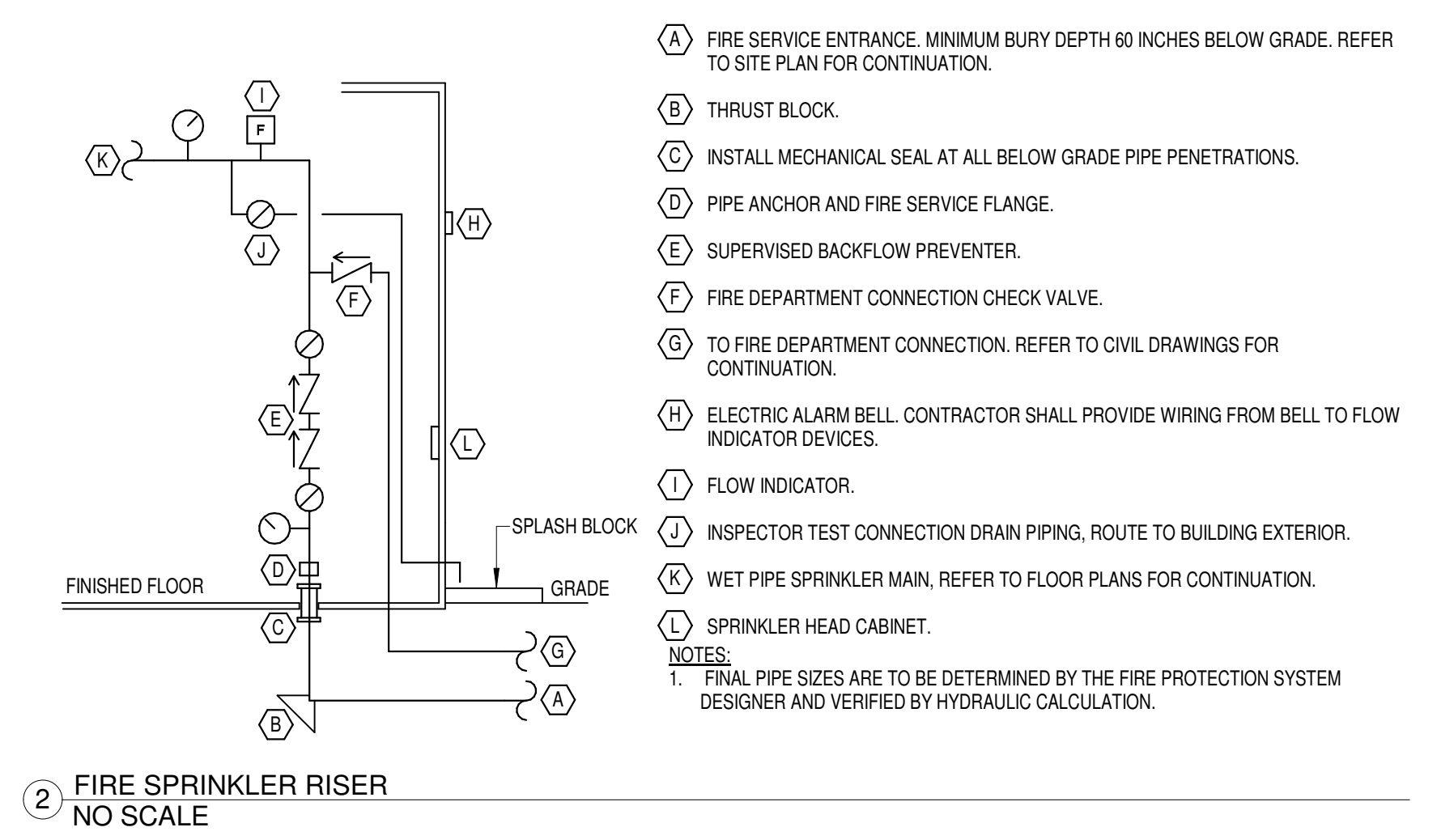
- GENERAL NOTES:**
- A. UNLESS NOTED OTHERWISE, DETAILS SHOWN WITHIN THESE DOCUMENTS ARE APPLICABLE FOR ALL PIPING, EQUIPMENT, AND FIXTURE INSTALLATIONS WHETHER OR NOT SPECIFICALLY NOTED.
  - B. THE OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS OR FOR THE MEANS AND METHODS, TECHNIQUES, CONSTRUCTION SEQUENCES, OR PROCEDURES REQUIRED TO PERFORM THIS WORK.
  - C. THE FIRE PROTECTION CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO THE COR 14 DAYS PRIOR TO ANY SHUTDOWNS FOR APPROVAL.
  - D. LIGHT HAZARD DESIGN EXCEPT AS NOTED WITH ALL ORDINARY HAZARD GROUP 1 AND GROUP 2 NOTED IN ROOMS.
  - E. ALL SPRINKLER HEADS SHALL BE FM AND UL APPROVED QUICK RESPONSE RECESSED PENDENT TYPE SPRINKLER HEADS, UNLESS NOTED OTHERWISE.

- SHEET NOTES:**
- 1. INSTALL TAMPER AND FLOW SWITCH TO SERVE SPZ-1.
  - 2. INSTALL TAMPER AND FLOW SWITCH TO SERVE SPZ-2.
  - 3. INSTALL UPRIGHT, QUICK RESPONSE SPRINKLER HEADS WITH PROTECTIVE CAGES. VERIFY COVERAGE REQUIREMENTS.
  - 4. INSTALL UPRIGHT, ORDINARY RESPONSE SPRINKLER HEADS WITH MECHANICAL GUARDS TO SERVE SERVER ROOM. VERIFY COVERAGE REQUIREMENTS.
  - 5. SPRINKLER PIPING SHALL NOT BE ROUTED ABOVE EQUIPMENT RACKS OR ELECTRICAL PANELS.
  - 6. INSTALL EXTENDED COVERAGE DRY HORIZONTAL SIDEWALL SPRINKLER HEAD.

- NOTES:**
- SPRINKLER SYSTEM PROTECTION AREAS:
- SPZ-1 SPRINKLER ZONE 1 - LIGHT/ORDINARY HAZARD - 1,640 SQ. FT.
  - SPZ-2 SPRINKLER ZONE 2 - LIGHT/ORDINARY HAZARD - 1,152 SQ. FT.

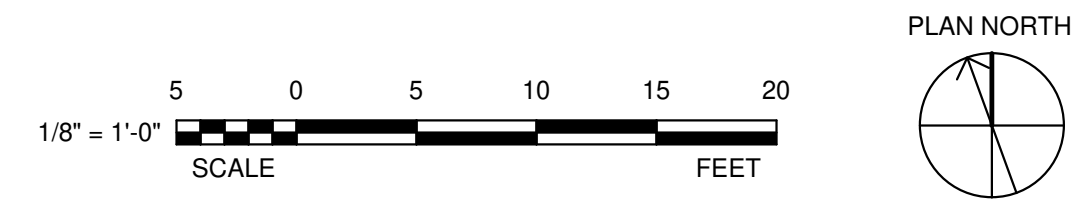


**1 FLOOR PLAN - FIRE PROTECTION**  
1/8" = 1'-0"



- (A) FIRE SERVICE ENTRANCE. MINIMUM BURY DEPTH 60 INCHES BELOW GRADE. REFER TO SITE PLAN FOR CONTINUATION.
  - (B) THRUST BLOCK.
  - (C) INSTALL MECHANICAL SEAL AT ALL BELOW GRADE PIPE PENETRATIONS.
  - (D) PIPE ANCHOR AND FIRE SERVICE FLANGE.
  - (E) SUPERVISED BACKFLOW PREVENTER.
  - (F) FIRE DEPARTMENT CONNECTION CHECK VALVE.
  - (G) TO FIRE DEPARTMENT CONNECTION. REFER TO CIVIL DRAWINGS FOR CONTINUATION.
  - (H) ELECTRIC ALARM BELL. CONTRACTOR SHALL PROVIDE WIRING FROM BELL TO FLOW INDICATOR DEVICES.
  - (I) FLOW INDICATOR.
  - (J) INSPECTOR TEST CONNECTION DRAIN PIPING, ROUTE TO BUILDING EXTERIOR.
  - (K) WET PIPE SPRINKLER MAN. REFER TO FLOOR PLANS FOR CONTINUATION.
  - (L) SPRINKLER HEAD CABINET.
- NOTES:**
- 1. FINAL PIPE SIZES ARE TO BE DETERMINED BY THE FIRE PROTECTION SYSTEM DESIGNER AND VERIFIED BY HYDRAULIC CALCULATION.

**2 FIRE SPRINKLER RISER**  
NO SCALE



Autodesk Docs: 202575-008 - VA Tuscaloosa EHRM Infrastructure Upgrades/202575-008 - VA Tuscaloosa EHRM Infrastructure Upgrades\_R22\_B151.rvt  
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 VA FORM 08 - 6231

Revisions:	Date:

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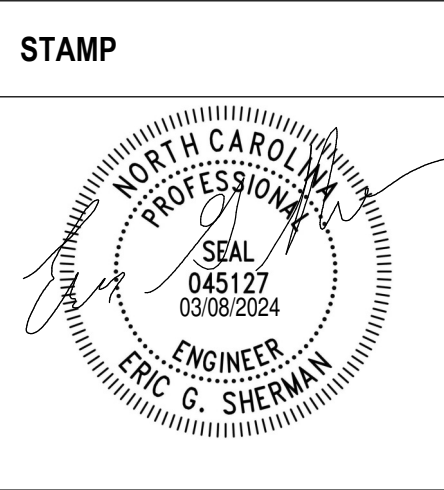
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Office of Construction and Facilities Management  
 U.S. Department of Veterans Affairs

Drawing Title  
**FLOOR PLAN - FIRE PROTECTION**

Approved: \_\_\_\_\_

Phase  
**100% CONSTRUCTION DOCUMENTS**

**FULLY SPRINKLERED**

Project Title  
**EHRM INFRASTRUCTURE UPGRADES**

Location  
**TUSCALOOSA VAMC, TUSCALOOSA, AL.**

Issue Date  
**03/08/2024**

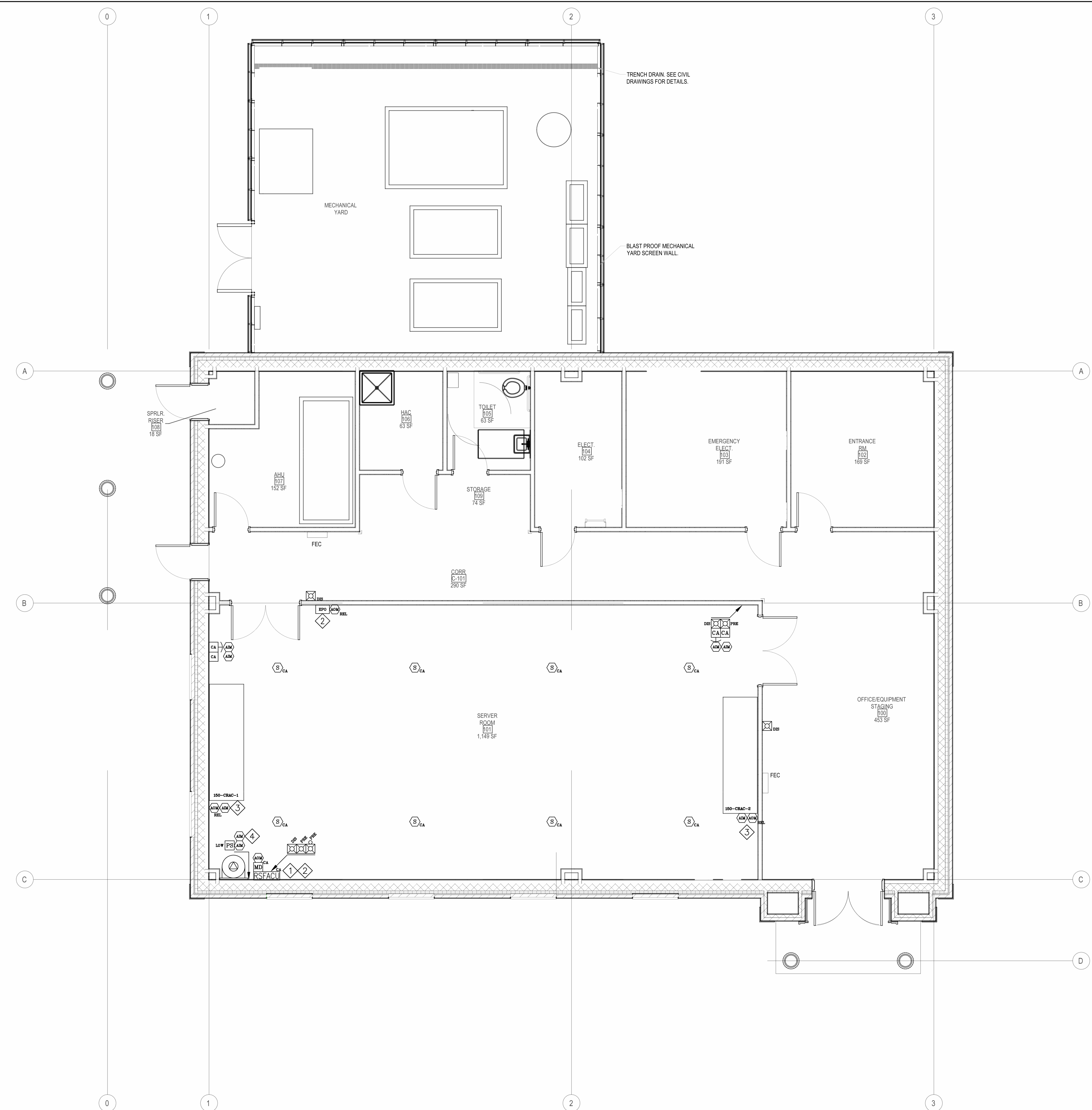
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**AGT**

Drawn  
**PCM**

Project Number  
**679-20-104**

Building Number  
**B151**

Drawing Number  
**F-151.1**



**CLEAN AGENT SYSTEM GENERAL NOTES**

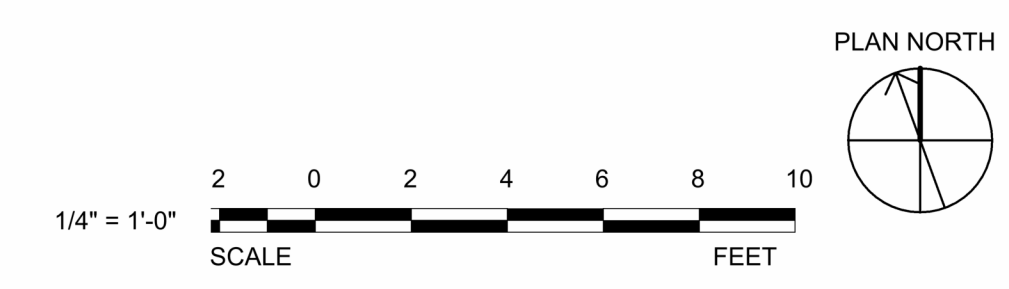
1. PROVIDE TOTAL FLOODING NOVEC 1230 CLEAN AGENT SUPPRESSION SYSTEM, IN ACCORDANCE WITH NFPA 2001. INCLUDE ANY DUCT WORK ABOVE CEILING, IF PRESENT, IN ROOM VOLUME CALCULATION.
2. CONTRACTOR SHALL PROVIDE COMPLETE DESIGN WHICH INCLUDES CALCULATIONS AND WORKING PLANS PER NFPA 2001, SECTION 6.
3. DESIGN CLEAN AGENT FIRE SUPPRESSION SYSTEM TO PROVIDE A MINIMUM 4.7% DESIGN CONCENTRATION TO SERVE CLASS C HAZARD <480V.
4. PROVIDE LISTED AND APPROVED DEVICES AND MATERIALS AS SPECIFIED IN NFPA 72 AND NFPA 2001.
5. CONTRACT DRAWINGS ARE DIAGRAMMATIC IN NATURE AND DO NOT SHOW THE FINAL LOCATIONS OF COMPONENTS. CONTRACTOR SHALL COORDINATE DEVICE LOCATIONS WITH OWNER/ARCHITECT/IT ROOM SUPERVISOR AND PROVIDE OFFSETS REQUIRED FOR INSTALLATION WITH OTHER TRADES.
6. CONTRACTOR IS RESPONSIBLE FOR VERIFYING FINAL DEVICE LOCATIONS, CONFLICTS WITH LIGHTING, CEILING OBSTRUCTIONS, DUCTWORK, AND ROOM DIMENSIONS.
7. REFER TO THE MANUFACTURER'S INSTALLATION MANUAL FOR ADDITIONAL INSTALLATION INSTRUCTIONS AND WHEN PLACING SYSTEM IN OPERATION.
8. CONTRACTOR SHALL COORDINATE INSTALLATION WITH BUILDING FIRE ALARM SYSTEM PROVIDER.
9. WARNING AND INSTRUCTION SIGNS SHALL BE PROVIDED PER SPECIFICATION. SIGNS SHALL INFORM PERSONS THAT A CLEAN AGENT SYSTEM IS INSTALLED AND SHALL CONTAIN ADDITIONAL INSTRUCTIONS PERTINENT TO THE CONDITIONS OF THE HAZARD. THE SIGNS FORMAT, COLOR AND LETTER FONT AND LETTER SIZE SHALL BE IN ACCORDANCE WITH ANSI Z535.

**KEYNOTES**

1. CONNECT RSFACU ALARM, SUPERVISORY, AND TROUBLE RELAY TO BUILDING FIRE ALARM INPUTS.
2. CONNECT ADDRESSABLE OUTPUT RELAY MODULE TO ROOM EMERGENCY POWER OFF (EPO). FIELD VERIFY EPO LOCATION. PROGRAM RELAY PER SPECIFICATION AND SEQUENCE OF OPERATION MATRIX.
3. PROVIDE INTERFACE MODULE TO MONITOR CRAC UNIT FACTORY SMOKE DETECTOR. RELAY PROVIDED FOR CRAC UNIT SHUTDOWN.
4. PROVIDE INTERFACE MODULE TO MONITOR IF SOLENOID IS REMOVED FROM AGENT TANK.

DEVICE LEGEND	
	CLEAN AGENT RELEASING SERVICE FIRE ALARM CONTROL UNIT
	CLEAN AGENT MANUAL FIRE ALARM BOX
	CLEAN AGENT SMOKE DETECTOR
	CLEAN AGENT RELEASING MODULE
	ADDRESSABLE OUTPUT RELAY MODULE
	ADDRESSABLE INTERFACE MODULE
	CLEAN AGENT ABORT SWITCH
	PRE-DISCHARGE 6" BELL
	PRE-DISCHARGE STROBE
	DISCHARGE STROBE
	CLEAN AGENT MAINTENANCE DISCONNECT
	CLEAN AGENT TANK
	SOLENOID
	LOW PRESSURE SWITCH
	EMERGENCY POWER OFF (EPO)

1 DATA CENTER FLOOR PLAN - REF.  
1/4" = 1'-0"



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Revisions:	Date:

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 U.S. Department of Veterans Affairs

Drawing Title  
**CLEAN AGENT FLOOR PLAN**  
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Phase  
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Project Title  
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 Location  
 TUSCALOOSA VAMC, TUSCALOOSA, AL.  
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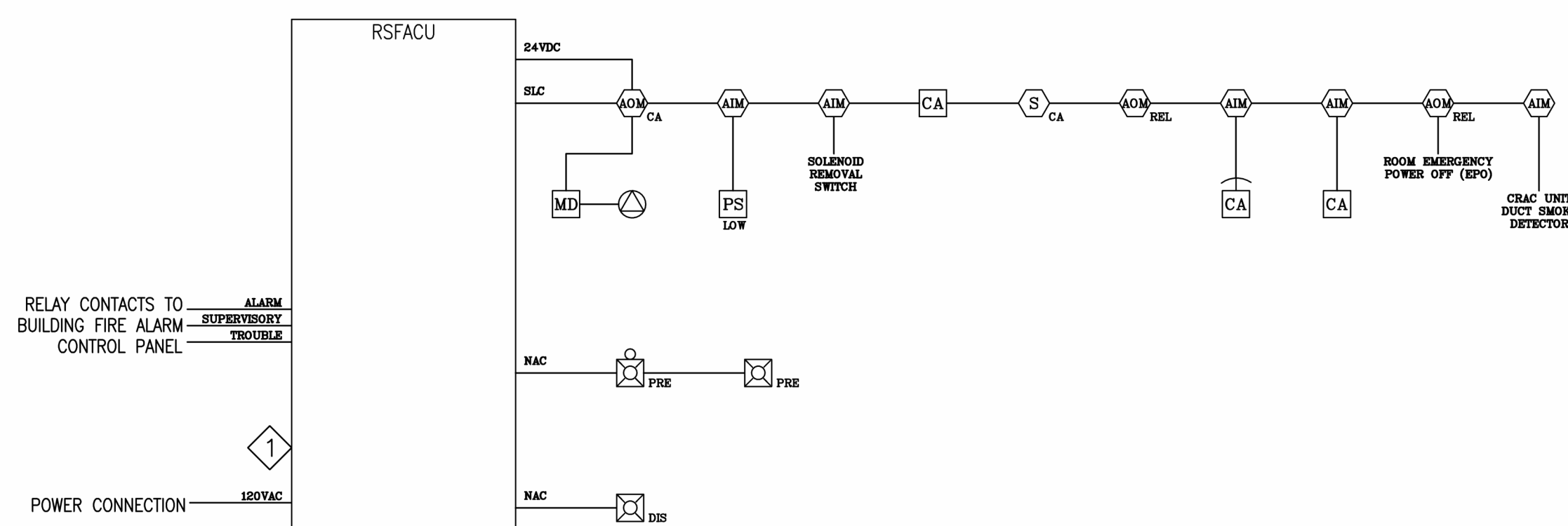
Project Number  
 679-20-104  
 Building Number  
 B151  
 Drawing Number  
**F-151.2**

CONTROL PANEL ANNUNCIATION																			OUTPUTS																			
SYSTEM INPUTS																																						
ACTIVATE CLEAN AGENT SYSTEM ABORT INDICATOR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	1	SMOKE DETECTOR—INITIAL ALARM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ACTIVATE CLEAN AGENT SYSTEM DISCHARGE INDICATOR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	2	SMOKE DETECTOR—SECOND ALARM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ACTIVATE CLEAN AGENT SYSTEM SOLENOID TO DISCHARGE NOVEC 1230	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	3	20 OR 30 SECOND AGENT RELEASE TIME DELAY EXPIRES	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ACTIVATE GENERAL ALARM AUDIBLE INDICATOR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	4	CLEAN AGENT MANUAL ALARM BOX ACTIVATED	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ACTIVATE GENERAL ALARM VISUAL INDICATOR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	5	CRAC UNIT DUCT DETECTOR ACTIVATION	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ACTIVATE SUPERVISORY ALARM AUDIBLE INDICATOR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	6	SYSTEM BYPASS ACTUATED	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ACTIVATE SUPERVISORY ALARM VISUAL INDICATOR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	7	REMOVAL OF TANK SOLENOID	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ACTIVATE TROUBLE ALARM AUDIBLE INDICATOR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	8	ABORT SWITCH ACTIVATED	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ACTIVATE TROUBLE ALARM VISUAL INDICATOR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	9	TANK LOW PRESSURE ACTIVATED	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ACTIVATE TROUBLE ALARM VISUAL INDICATOR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	10	MAINTENANCE SWITCH ACTIVATED	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ACTIVATE TROUBLE ALARM VISUAL INDICATOR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	11	GROUND FAULT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ACTIVATE TROUBLE ALARM VISUAL INDICATOR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	12	CIRCUIT OPEN	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ACTIVATE TROUBLE ALARM VISUAL INDICATOR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	13	CIRCUIT SHORT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ACTIVATE TROUBLE ALARM VISUAL INDICATOR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	14	LOW BATTERY	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ACTIVATE TROUBLE ALARM VISUAL INDICATOR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	15	AC POWER FAILURE (4 HOUR DELAY)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ACTIVATE TROUBLE ALARM VISUAL INDICATOR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	16	REMOTE TRANSMISSION BY-PASS SWITCH	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ACTIVATE TROUBLE ALARM VISUAL INDICATOR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	17	ALARM OFF SWITCH	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ACTIVATE TROUBLE ALARM VISUAL INDICATOR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	18	AHU BY-PASS SWITCH	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ACTIVATE TROUBLE ALARM VISUAL INDICATOR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	19	EPO BY-PASS SWITCH	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ACTIVATE TROUBLE ALARM VISUAL INDICATOR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

CLEAN AGENT SYSTEM GENERAL NOTES

1. PROVIDE TOTAL FLOODING NOVEC 1230 CLEAN AGENT SUPPRESSION SYSTEM, IN ACCORDANCE WITH NFPA 2001. INCLUDE ANY DUCT WORK ABOVE CEILING, IF PRESENT, IN ROOM VOLUME CALCULATION.
2. CONTRACTOR SHALL PROVIDE COMPLETE DESIGN WHICH INCLUDES CALCULATIONS AND WORKING PLANS PER NFPA 2001, SECTION 6.
3. DESIGN CLEAN AGENT FIRE SUPPRESSION SYSTEM TO PROVIDE A MINIMUM 4.7% DESIGN CONCENTRATION TO SERVE CLASS C HAZARD <480V.
4. PROVIDE LISTED AND APPROVED DEVICES AND MATERIALS AS SPECIFIED IN NFPA 72 AND NFPA 2001.
5. CONTRACT DRAWINGS ARE DIAGRAMMATIC IN NATURE AND DO NOT SHOW THE FINAL LOCATIONS OF COMPONENTS. CONTRACTOR SHALL COORDINATE DEVICE LOCATIONS WITH OWNER/ARCHITECT/IT ROOM SUPERVISOR AND PROVIDE OFFSETS REQUIRED FOR INSTALLATION WITH OTHER TRADES.
6. CONTRACTOR IS RESPONSIBLE FOR VERIFYING FINAL DEVICE LOCATIONS, CONFLICTS WITH LIGHTING, CEILING OBSTRUCTIONS, DUCTWORK, AND ROOM DIMENSIONS.
7. REFER TO THE MANUFACTURER'S INSTALLATION MANUAL FOR ADDITIONAL INSTALLATION INSTRUCTIONS AND WHEN PLACING SYSTEM IN OPERATION.
8. CONTRACTOR SHALL COORDINATE INSTALLATION WITH BUILDING FIRE ALARM SYSTEM PROVIDER.
9. WARNING AND INSTRUCTION SIGNS SHALL BE PROVIDED PER SPECIFICATION. SIGNS SHALL INFORM PERSONS THAT A CLEAN AGENT SYSTEM IS INSTALLED AND SHALL CONTAIN ADDITIONAL INSTRUCTIONS PERTINENT TO THE CONDITIONS OF THE HAZARD. THE SIGNS FORMAT, COLOR AND LETTER FONT AND LETTER SIZE SHALL BE IN ACCORDANCE WITH ANSI Z535.

2 SEQUENCE OF OPERATIONS



1 RISER DIAGRAM

100% CONSTRUCTION DOCUMENTS	03/08/2024
Revisions:	Date:

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**STAMP**

Office of Construction and Facilities Management

Drawing Title

**CLEAN AGENT NOTES, TABLE, AND RISER DIAGRAM**

Approved:

Phase

100% CONSTRUCTION DOCUMENTS

**FULLY SPRINKLERED**

Project Title

EHRM INFRASTRUCTURE UPGRADES

Location

TUSCALOOSA VAMC, TUSCALOOSA, AL.

Issue Date

03/08/2024

Checked

SC

Drawn

TD

Project Number

679-20-104

Building Number

B151

Drawing Number

F-151.301