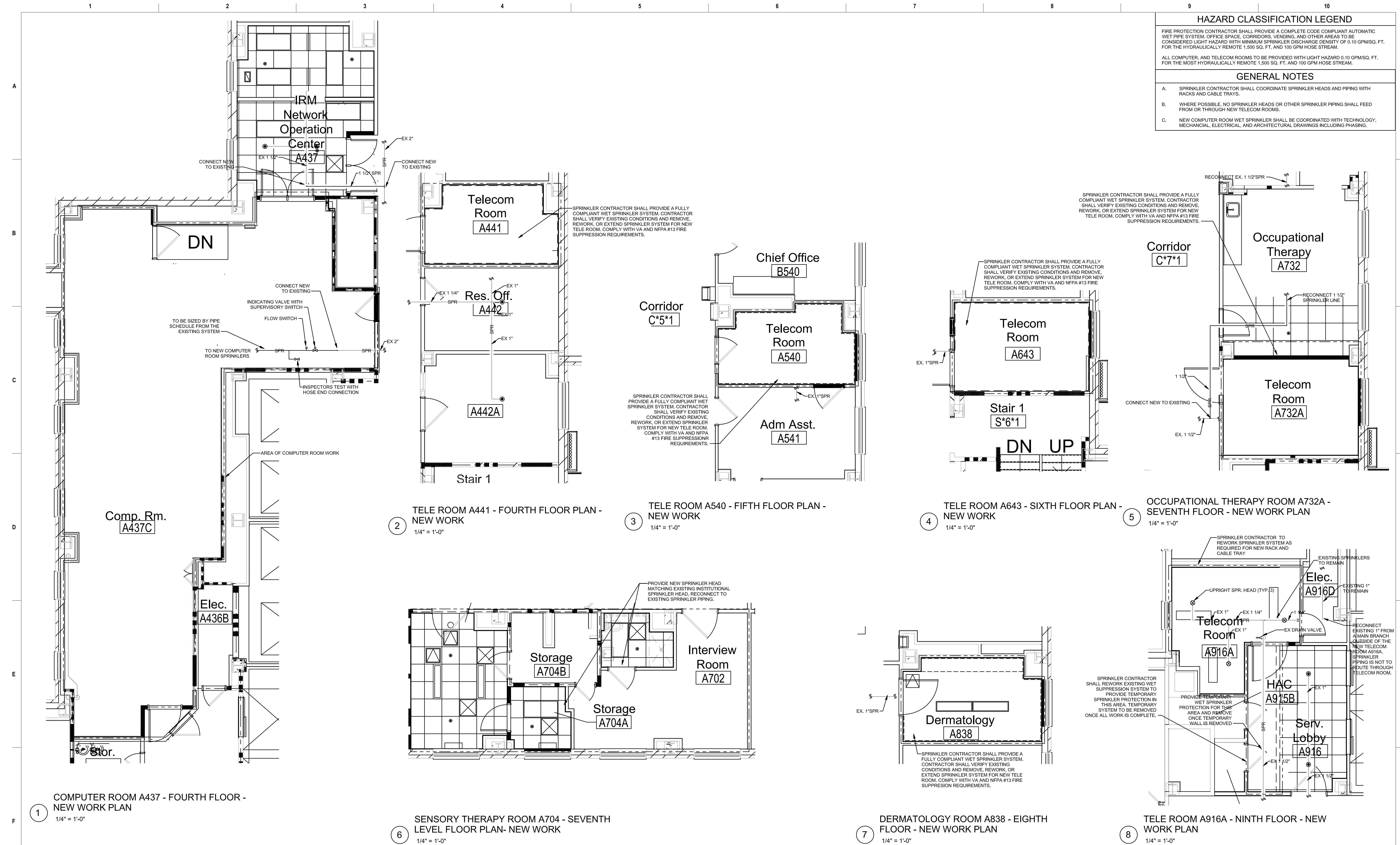


FP-203-C.1.B
THRU 3

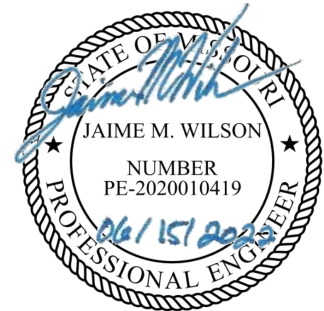


HAZARD CLASSIFICATION LEGEND		
FIRE PROTECTION CONTRACTOR SHALL PROVIDE A COMPLETE CODE COMPLIANT AUTOMATIC WET PIPE SYSTEM, OFFICE SPACE, CORRIDORS, VENDING, AND OTHER AREAS TO BE CONSIDERED LIGHT HAZARD WITH MINIMUM SPRINKLER DISCHARGE DENSITY OF 0.10 GPM/SQ. FT. FOR THE HYDRAULICALLY REMOTE 1,500 SQ. FT. AND 100 GPM HOSE STREAM.		
ALL COMPUTER AND TELECOM ROOMS TO BE PROVIDED WITH LIGHT HAZARD 0.10 GPM/SQ. FT. FOR THE MOST HYDRAULICALLY REMOTE 1,500 SQ. FT. AND 100 GPM HOSE STREAM.		
GENERAL NOTES		
A.	SPRINKLER CONTRACTOR SHALL COORDINATE SPRINKLER HEADS AND PIPING WITH RACKS AND CABLE TRAYS.	
B.	WHERE POSSIBLE, NO SPRINKLER HEADS OR OTHER SPRINKLER PIPING SHALL FEED FROM OR THROUGH NEW TELECOM ROOMS.	
C.	NEW COMPUTER ROOM WET SPRINKLER SHALL BE COORDINATED WITH TECHNOLOGY, MECHANICAL, ELECTRICAL, AND ARCHITECTURAL DRAWINGS INCLUDING PHASING.	

Revisions:	Date:
1 ADDENDUM #2	06/15/2022

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

Drawing Title
FIRE PROTECTION ENLARGED PLANS
Approved: Project Director

Phase
100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLED

Project Title CINCINNATI VAMC EHRM INFRASTRUCTURE UPGRADES			Project Number 539-21-701	
			Building Number 1	
Location 3200 VINE ST. CINCINNATI, OH.			Drawing Number	
Issue Date 15-JUNE-2022	Checked JA	Drawn DDP	FP-204-C.1.4 THRU 9	

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CLEAN AGENT GENERAL NOTES

- NOVEC 1230 SYSTEMS SHALL BE INSTALLED AND TESTED IN ACCORDANCE WITH NFPA 2001. CLEAN AGENT FIRE EXTINGUISHING SYSTEMS, MANUFACTURER'S CURRENT PRINTED RECOMMENDATIONS, CODES, AND STANDARDS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION.
- NOVEC 1230 SYSTEM INSTALLATION SHALL BE PERFORMED OR SUPERVISED BY THOSE SKILLED IN CLEAN AGENT FIRE EXTINGUISHING SYSTEMS TECHNOLOGY.
- ALL DEVICES, APPLIANCES, AND EQUIPMENT USED IN THE NOVEC 1230 EXTINGUISHING SYSTEM SHALL BE LISTED AND APPROVED BY UL AND FM GLOBAL.
- PIPING:
 - PIPING SHALL CONFORM WITH THE REQUIREMENTS SET FORTH IN NFPA 2001, CLEAN AGENT FIRE EXTINGUISHING SYSTEMS.
 - PIPING SHALL BE BLACK STEEL PIPE CONFORMING TO ASTM-A53 OR A-106, SCHEDULE 40 OR 80, WITH AN INTERNAL WORKING PRESSURE OF 620 PSIG.
 - ORDINARY CAST-IRON PIPE, STEEL PIPE CONFORMING TO ASTM A-120, OR NONMETALLIC PIPE SHALL NOT BE USED.
 - EACH PIPE SECTION SHALL BE REAMED, BLOWN CLEAR, AND CLEANED INTERNALLY AFTER PREPARATION AND BEFORE ASSEMBLY BY MEANS OF SWABING UTILIZING A SUITABLE NONFLAMMABLE CLEANER SUCH AS TRICHLOROETHANE, ETC. THE PIPING NETWORK SHALL BE FREE OF PARTICULATE MATTER AND OIL RESIDUE BEFORE INSTALLATION OF DISCHARGE NOZZLES.
 - STENCILED PIPE IDENTIFICATION SHALL NOT BE PAINTED OVER, CONCEALED, OR REMOVED PRIOR TO APPROVAL OF THE LOCAL AUTHORITY HAVING JURISDICTION.
 - PIPING NETWORK SHALL BE INSTALLED IN STRICT ACCORDANCE TO SYSTEM PLANS AND PIPING ISOMETRICS PREPARED BY CONTRACTOR. ANY PIPING CHANGES SHALL BE APPROVED BY ROSS & BARUZZINI PRIOR TO FABRICATION OR INSTALLATION OF MATERIALS.
- FITTINGS:
 - FITTINGS SHALL CONFORM WITH THE REQUIREMENTS SET FORTH IN NFPA 2001, CLEAN AGENT FIRE EXTINGUISHING SYSTEMS. MALLEABLE IRON FITTINGS SHALL BE 300 LB. CLASS CONFORMING TO ASTM A-197.
 - 150 LB. CLASS, ORDINARY CAST IRON FITTINGS, AND HOLE-CUT FITTINGS OR SIMILAR SHALL NOT BE USED. VICTAULIC TYPE FITTINGS SHALL BE STYLE 75 OR 77.
 - UL LISTED VICTAULIC OR OTHER LISTED GROOVED PIPE FITTINGS CAN BE USED.
 - PIPE JOINTS OTHER THAN THREADED, WELDED, BRAZED, FLARED, COMPRESSION, OR FLANGED TYPE SHALL BE LISTED OR APPROVED. ALL THREADS USED IN JOINTS AND FITTINGS SHALL CONFORM TO ANSI B1.20.1.
 - JOINT COMPOUND, PIPE TAPE, OR THREAD LUBRICANT SHALL BE APPLIED ONLY TO THE MALE THREADS OF THE JOINT.
- PIPING SUPPORT:
 - PIPING SHALL BE SUPPORTED BY A COMBINATION NETWORK COMPRISED OF PIPE HANGERS AND RIGID PIPE SUPPORT RACKETS.
 - PIPE HANGERS SHALL BE USED TO SUPPORT THE "DEAD LOAD" OF THE PIPING SYSTEM AND SHALL BE SPACED AT INTERVALS NOT EXCEEDING 15 FEET.
 - RIGID PIPE SUPPORTS SHALL BE USED TO SUPPORT THE "LIVE LOAD" OF THE PIPING SYSTEM DURING DISCHARGE. RIGID BRACING IS REQUIRED AT EACH DIRECTIONAL CHANGE FITTING, TEE, AND NOZZLE.
 - ALL DROPS TO 180 DEGREE NOZZLES REQUIRE BACK BRACING IN THE OPPOSITE DIRECTION OF THE DISCHARGE.
 - EARTHQUAKE BRACING SHALL BE USED WHEN REQUIRED BY LOCAL CODES. REFER TO ANSI B31.1, POWER PIPING CODE, FOR FURTHER GUIDANCE ON SUPPORTING PIPING.
- TESTING:
 - THE COMPLETED SYSTEM SHALL BE REVIEWED AND TESTED BY QUALIFIED FIELD ENGINEERING TECHNICIAN IN ACCORDANCE WITH NFPA 2001 AND AS REQUIRED TO MEET THE APPROVAL OF THE LOCAL AUTHORITY HAVING JURISDICTION.
 - PIPING NETWORK SHALL BE INSPECTED TO DETERMINE THAT IT IS IN COMPLIANCE WITH THE DESIGN AND INSTALLATION DOCUMENTS.
 - MEANS OF PIPE REDUCTION AND ATTITUDES OF TEES SHALL BE CHECKED FOR CONFORMANCE TO THE DESIGN.
 - PIPING JOINTS, DISCHARGE NOZZLES, AND PIPING SUPPORTS SHALL BE SECURELY FASTENED TO PREVENT UNACCEPTABLE VERTICAL OR LATERAL MOVEMENT DURING DISCHARGE.
 - DISCHARGE NOZZLES SHALL BE INSTALLED IN SUCH A MANNER THAT PIPING CANNOT BECOME DETACHED DURING DISCHARGE.
 - ALL AGENT STORAGE CONTAINERS SHALL BE PROPERLY LOCATED IN ACCORDANCE WITH AN APPROVED SET OF SYSTEM DRAWINGS.
 - ALL CONTAINERS AND MOUNTING BRACKETS SHALL BE FASTENED SECURELY IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS.
 - THE PIPING NETWORK SHALL BE PNEUMATICALLY TESTED IN A CLOSED CIRCUIT FOR A PERIOD OF 10 MINUTES AT 40 PSIG. AT THE END OF 10 MINUTES, THE PRESSURE DROP SHALL NOT EXCEED 20 PERCENT OF THE TEST PRESSURE.
 - A FLOW TEST USING COMPRESSED AIR SHALL BE PERFORMED ON THE PIPING NETWORK TO VERIFY THAT FLOW IS CONTINUOUS, AND THAT THE PIPING AND NOZZLES ARE UNOBSTRUCTED.
 - PROTECTED ENCLOSURE SHALL BE EXAMINED AND DOOR FAN TESTED TO LOCATE AND THEN EFFECTIVELY SEAL ANY SIGNIFICANT AIR LEAKS THAT COULD RESULT IN A FAILURE OF THE ENCLOSURE TO HOLD THE SPECIFIED AGENT CONCENTRATION LEVEL FOR THE HOLDING PERIOD. SEALING OF THE ROOM SHALL BE BY OTHERS.
- ALL PERSONNEL WHO WILL BE WORKING IN THE NOVEC 1230 PROTECTED ENCLOSURE SHALL RECEIVE TRAINING REGARDING EXTINGUISHING SYSTEM OPERATION AND AGENT SAFETY.
- COORDINATE LOCATIONS OF NOZZLES WITH HOT/COLD AISLE CONTAINMENT TO PRODUCE THE REQUIRED CONCENTRATION THROUGHOUT THE VOLUME SERVED.
- COORDINATE THE SMOKE DETECTORS, INCLUDING AIRASPIRATING SYSTEM WITH HOT/COLD AISLE CONTAINMENT TO PROVIDE COVERAGE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

CLEAN AGENT NOTES AND SYMBOLS

- REFER TO SPECIFICATIONS SECTION 283000 FOR ADDITIONAL INFORMATION PERTAINING TO THE FIRE ALARM SYSTEM.
 - SIGNALING LINE CIRCUITS SHALL BE ROUTED IN A CLASS B CONFIGURATION.
 - NOTIFICATION APPLIANCE CIRCUITS SHALL BE ROUTED IN A CLASS B CONFIGURATION.
 - FIRE ALARM CIRCUITS SHALL BE ROUTED IN CONDUIT.
 - FOR VISUAL DEVICES, THE "W" WITHIN THE SYMBOL CORRESPONDS TO THE CANDELA RATING OF THE DEVICE: 1=15cd, 3=30cd, 5=75cd, 7=177cd.
 - WALL MOUNTED NOTIFICATION DEVICES SHALL BE MOUNTED WITH THE TOP OF THE DEVICE +90" A.F.F. OR 6" BELOW THE CEILING, WHICHEVER IS LOWER.
 - PROVIDE ADDITIONAL APPURTANCES AS REQUIRED TO CONNECT CLEAN AGENT SUPPRESSION PANEL TO EXISTING FIRE ALARM CONTROL PANEL.
- CLEAN AGENT PIPING BELOW RAISED FLOOR
— CLEAN AGENT PIPING ABOVE RAISED FLOOR
- A** CLEAN AGENT ABORT SWITCH: +48" A.F.F. TO CENTERLINE
M MANUAL AGENT ABORT SWITCH: +48" A.F.F. TO CENTERLINE
F WALL MOUNTED BELL
F WALL MOUNTED BELL WITH STROBE
SD DUCT MOUNTED SMOKE DETECTOR: PHOTOELECTRIC TYPE

SEQUENCE OF OPERATIONS

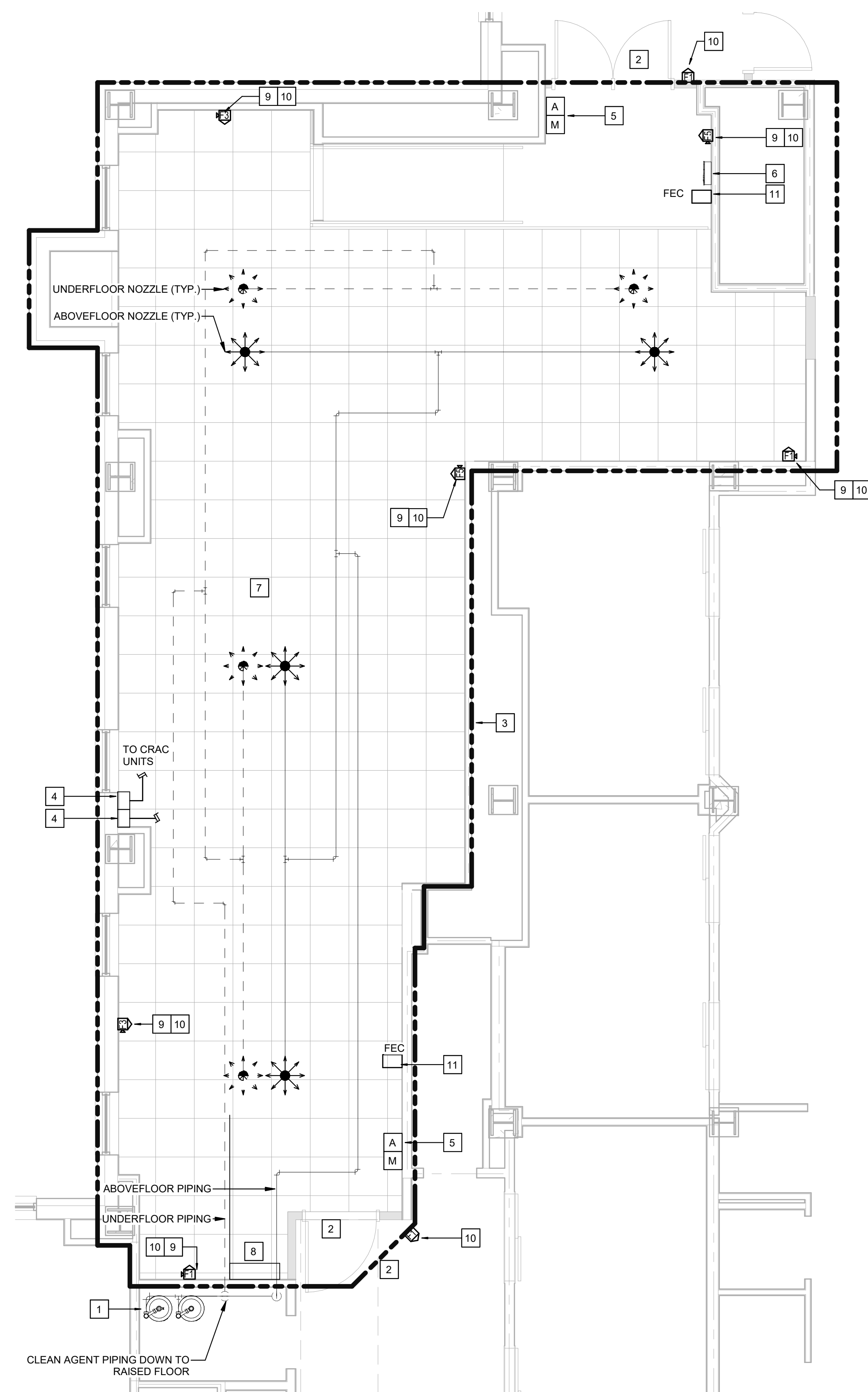
- THE CLEAN AGENT EXTINGUISHING FIRE EXTINGUISHING SYSTEM SHALL OPERATE AS FOLLOWS:
- ACTIVATION OF ANY SINGLE SMOKE DETECTOR SHALL:
 - ENERGIZE AN ALARM LED LAMP ON THE ACTIVATED DETECTOR AND CLEAN AGENT CONTROL PANEL.
 - TRANSMIT AN ALARM SIGNAL TO THE BUILDING'S FIRE ALARM SYSTEM.
 - ACTIVATION OF A SECOND SMOKE DETECTOR SHALL:
 - ENERGIZE AN ALARM LED LAMP ON THE ACTIVATOR DETECTOR.
 - ACTIVATE PRE-DISCHARGE BELL NOTIFICATION APPLIANCE AND PREDISCHARGE STROBE NOTIFICATION APPLIANCE.
 - SHUT DOWN POWER TO ELECTRONIC EQUIPMENT WITHIN THE PROTECTED SPACE, CLOSE DAMPERS, RELEASE DOOR HOLD OPEN DEVICES, AND SHUT DOWN AIR HANDLING UNITS SERVING THE PROTECTED SPACE.
 - INITIATE A PROGRAMMABLE 30-SECOND TIME DELAY (AGENT RELEASE) SEQUENCE.
 - ACTIVATION OF A MANUAL ACTIVATION STATION SHALL:
 - ENERGIZE AN ALARM LED LAMP ON THE CLEAN AGENT CONTROL PANEL.
 - ACTIVATE PRE-DISCHARGE BELL NOTIFICATION APPLIANCE AND PRE-DISCHARGE STROBE NOTIFICATION APPLIANCE.
 - SHUT DOWN POWER TO ELECTRONIC EQUIPMENT WITHIN THE PROTECTED SPACE, CLOSE DAMPERS, RELEASE DOOR HOLD OPEN DEVICES, AND SHUT DOWN AIR HANDLING UNITS SERVING THE PROTECTED SPACE.
 - TRANSMIT AN ALARM SIGNAL TO THE BUILDING'S FIRE ALARM SYSTEM.
 - INITIATE A PROGRAMMABLE 20-SECOND TIME DELAY (AGENT RELEASE) SEQUENCE.
 - ACTIVATION OF THE ABORT SWITCH SHALL:
 - CEASE THE TIME DELAY. ONCE THE ABORT SWITCH IS RELEASED, THE TIME DELAY COUNTDOWN SHALL RESUME FROM WHERE IT CEASED. THE TIME DELAY SHALL NOT RESET.
 - TRANSMIT A TROUBLE SIGNAL TO THE BUILDING'S FIRE ALARM SYSTEM.
 - UPON COMPLETION OF THE TIME DELAY, THE SYSTEM SHALL:
 - DE-ENERGIZE THE PRE-DISCHARGE BELL AND PRE-DISCHARGE STROBE NOTIFICATION APPLIANCE.
 - ACTIVATE A DISCHARGE STROBE NOTIFICATION APPLIANCE INSIDE AND OUTSIDE OF THE PROTECTED AREA.
 - ENERGIZE VALVE ACTUATOR FOR AGENT CYLINDERS RELEASING GASEOUS AGENT INTO THE PROTECTED AREA.
 - ACTIVATION OF THE LOW AGENT TANK PRESSURE SWITCH AND MAINTENANCE LOCK-OUT SWITCH SHALL:
 - ENERGIZE A SUPERVISORY LED LAMP ON THE CLEAN AGENT CONTROL PANEL.
 - TRANSMIT A SUPERVISORY ALARM SIGNAL TO THE BUILDING'S FIRE ALARM SYSTEM.
 - PRESENCE OF ANY FAULT, BYPASS FUNCTION, OR REMOVAL OF THE ELECTRIC VALVE ACTUATOR SHALL:
 - ENERGIZE A TROUBLE LED LAMP ON THE CLEAN AGENT CONTROL PANEL.
 - TRANSMIT A TROUBLE SIGNAL TO THE BUILDING'S FIRE ALARM SYSTEM.
 - ACTIVATION OF DUCT DETECTOR OR SMOKE DETECTOR WITHIN A COMPUTER ROOM AIR CONDITION UNIT SHALL ENERGIZE A SUPERVISORY SIGNAL LED LAMP ON THE CLEAN AGENT CONTROL PANEL AND SHUTDOWN CRAC UNITS.

DEMOLITION KEYED NOTES

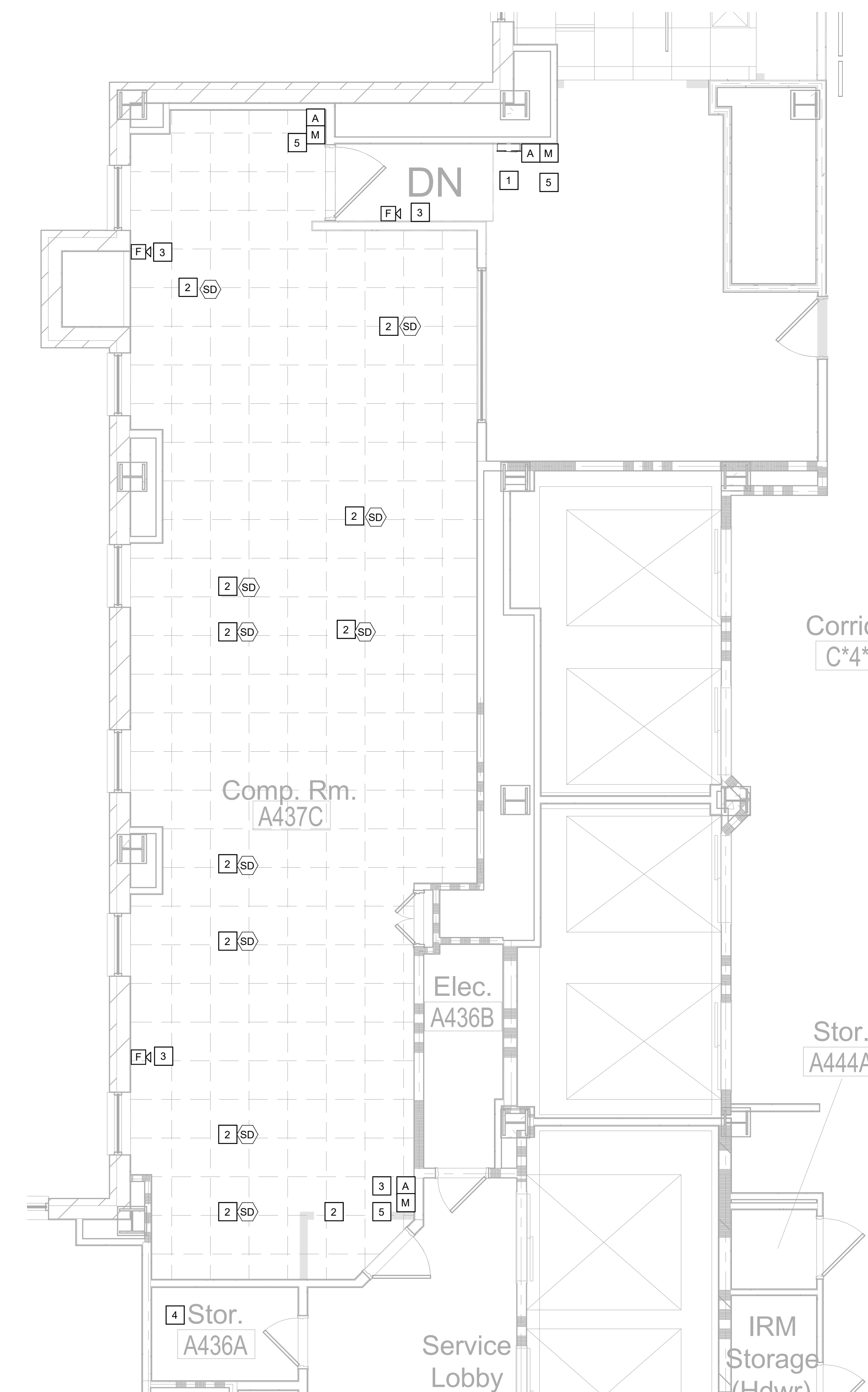
- EXISTING SUPPRESSION PANEL TO BE REMOVED. CAP POWER SUPPLY BACK TO SOURCE.
- REMOVE EXISTING SMOKE DETECTORS AND ASSOCIATED WIRING IN CEILING AND IN RAISED FLOOR CONNECTED TO CLEAN AGENT PANEL.
- REMOVE EXISTING CLEAN AGENT STROBE/SPEAKERS. VIF.
- REMOVE EXISTING CLEAN AGENT CYLINDERS, NOZZLES, PIPING, AND SUPPORTS IN CEILING AND IN RAISED FLOOR.
- REMOVE EXISTING ABORT SWITCH, MANUAL RELEASE AND MAINTENANCE SWITCH IN ITS ENTIRETY.

NEW WORK KEYED NOTES

- NOVEC 1230 TANK LOCATION: SECURE TO WALL WITH WALL MOUNTED TANK SUPPORTS. SYSTEM REQUIRES 740 LBS OF CLEAN AGENT FOR APPROXIMATELY 1275 SF ROOM. ROOM DIMENSIONS SHALL BE VERIFIED IN FIELD AND AGENT QUANTITY SHALL BE ADJUSTED BASED ON EXISTING CONDITIONS.
- PROVIDE NEW DOOR SEALS FOR THE DOORS IN THE ROOM.
- CAULK BASEBOARD OPENINGS AND PENETRATIONS AROUND ROOM PERIMETER, FLOORS, AND UNDERSIDE OF SLAB OF FLOOR ABOVE. EXISTING OPENINGS SHALL BE SEALED AIRTIGHT WITH FIRE-RATED SEALANT.
- AIR-ASPIRATING SMOKE DETECTOR APPARATUS. ONE SYSTEM SHALL MONITOR THE RETURN AIR OF THE CRAC UNITS. THE OTHER SHALL PROTECT THE RAISED FLOOR AND CEILING. SYSTEMS SHALL BE DESIGNED AND INSTALLED BY MANUFACTURER.
- A DUAL ACTION MANUAL PULL STATION WITH IDENTIFICATION INDICATING AGENT RELEASE WITHIN PROTECTED ROOM. CLEAN AGENT ABORT SWITCH AND SIGN MOUNTED 48" AFF DESCRIBING OPERATIONAL SEQUENCE OF THE SYSTEM.
- NEW CLEAN AGENT PANEL WITH SEPARATE MAINTENANCE KEYED SWITCH. FIRE ALARM CONTRACTOR TO PROVIDE ALARM, SUPERVISORY, AND TROUBLE CONTACTS FOR CLEAN AGENT SYSTEM. PROVIDE ADDITIONAL APPURTANCES AS REQUIRED TO CONNECT CLEAN AGENT SYSTEM TO EXISTING FIRE ALARM CONTROL PANEL.
- VERIFY PIPE ROUTING IN FIELD. NOZZLES SHALL BE INSTALLED WITHIN 12" OF THE CEILING OR BOTTOM OF OBSTRUCTIONS. COORDINATE CLEAN AGENT PIPING WITH CABLE TRAYS, RACKS, AND PLASTIC CURTAIN SEPARATION.
- PRESSURE RELIEF VENT TO BE INSTALLED IN A SUITABLE LOCATION TO EQUALIZE PRESSURE IN THE ROOM UPON DISCHARGE OF AGENT. FINAL SIZE AND LOCATION SHALL BE DETERMINED BY THE CLEAN AGENT CONTRACTOR.
- PROVIDE SIGNAGE FOR PREDISCHARGE STROBES AND BELLS IN ACCORDANCE WITH SPECIFICATIONS.
- PROVIDE SIGNAGE FOR DISCHARGE STROBES IN ACCORDANCE WITH SPECIFICATIONS.
- PROVIDE FM-200 FIRE EXTINGUISHER CABINET. FIRE EXTINGUISHER RATING SHALL BE 2A:10B:C. COORDINATE WITH ARCHITECT.
- NEW SMOKE DETECTORS TO REPLACE EXISTING AT CEILING AND RAISED FLOOR. DETECTORS AT RAISED FLOOR ARE TO BE MOUNTED SIDEWAYS WITH STEEL ANGLE SUPPORT. COORDINATE LOCATIONS WITH HOT AND COLD AISLE, DUCTS, CABLE TRAY ETC.

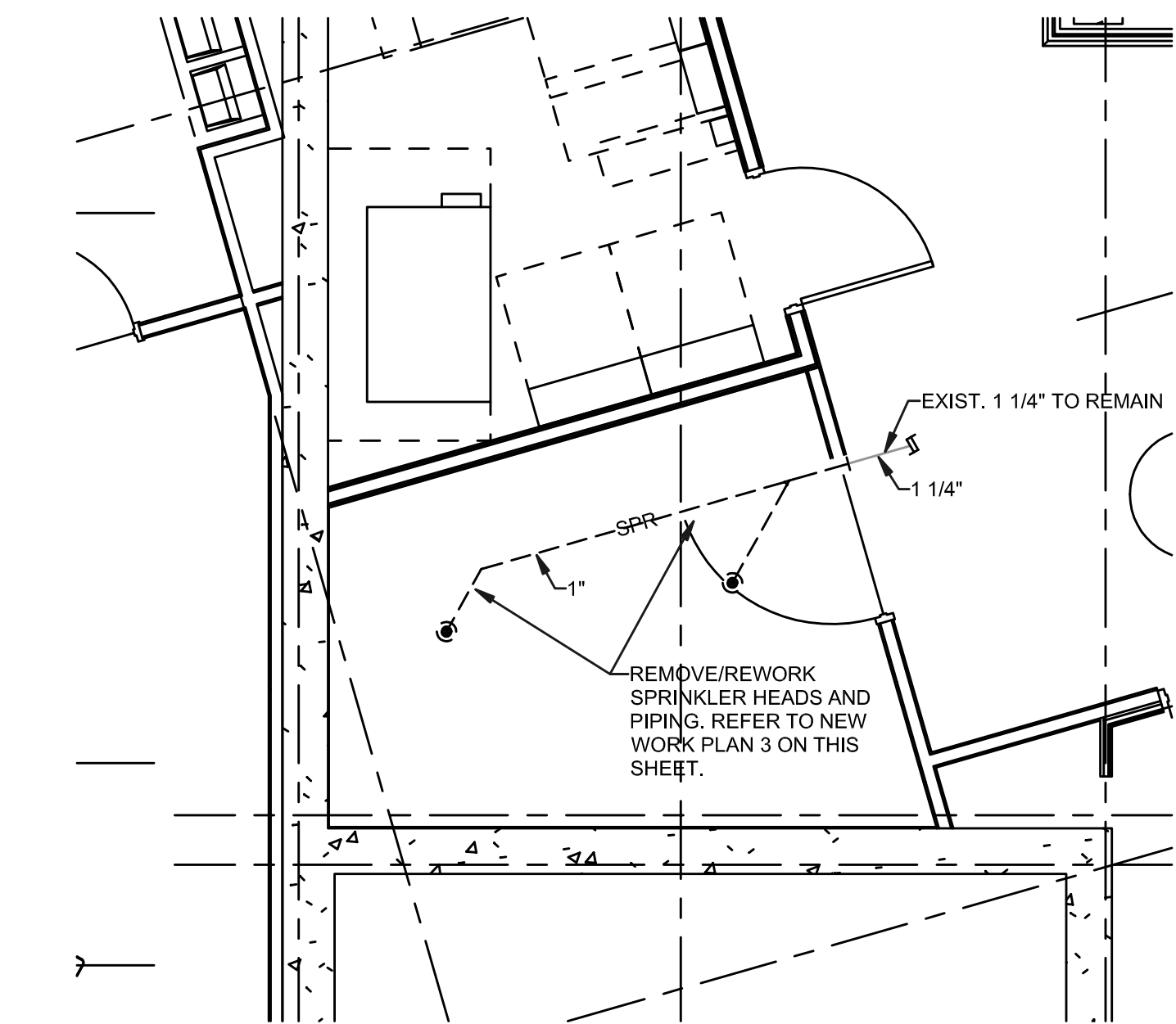
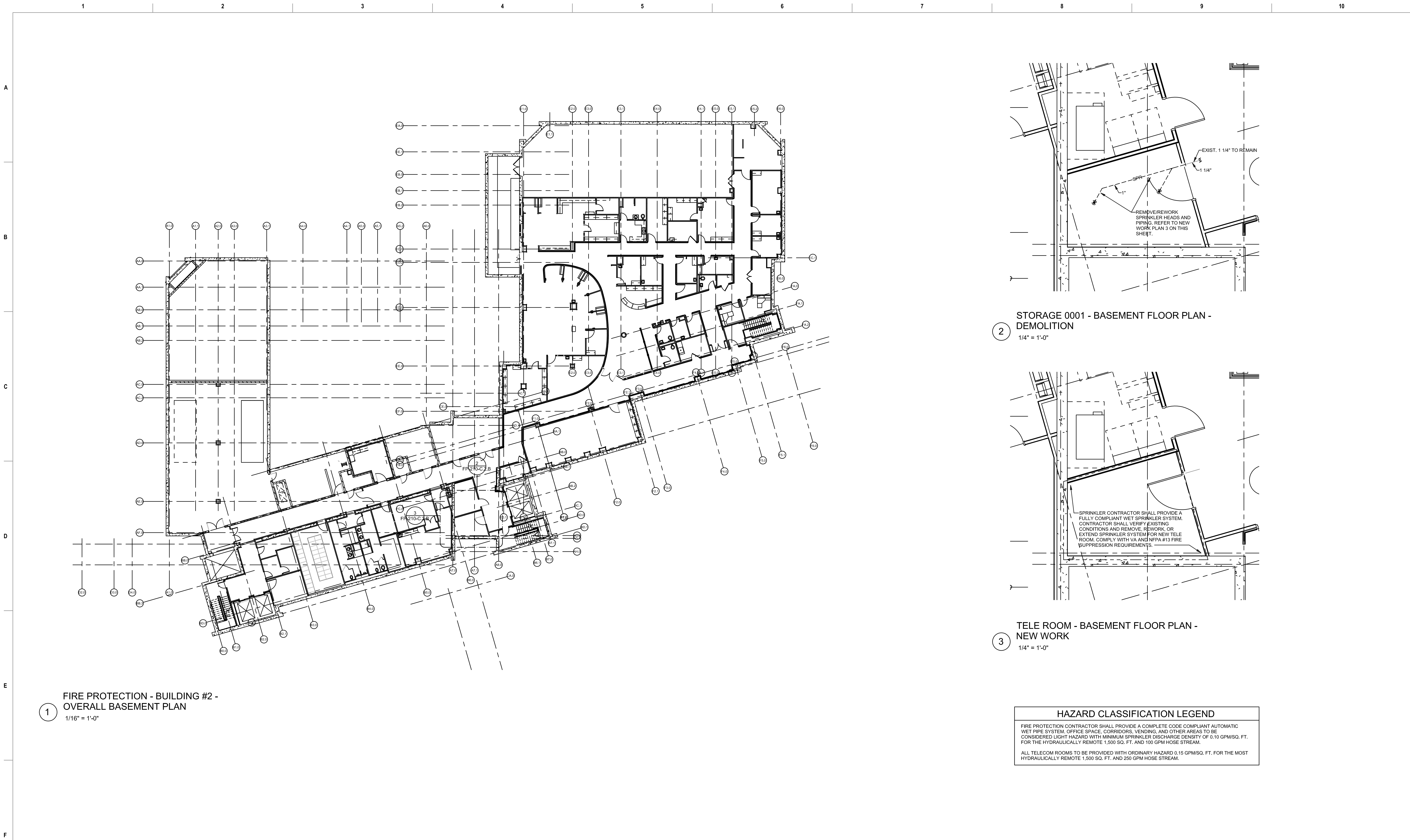


1 CLEAN AGENT NEW WORK A437C
1/4" = 1'-0"

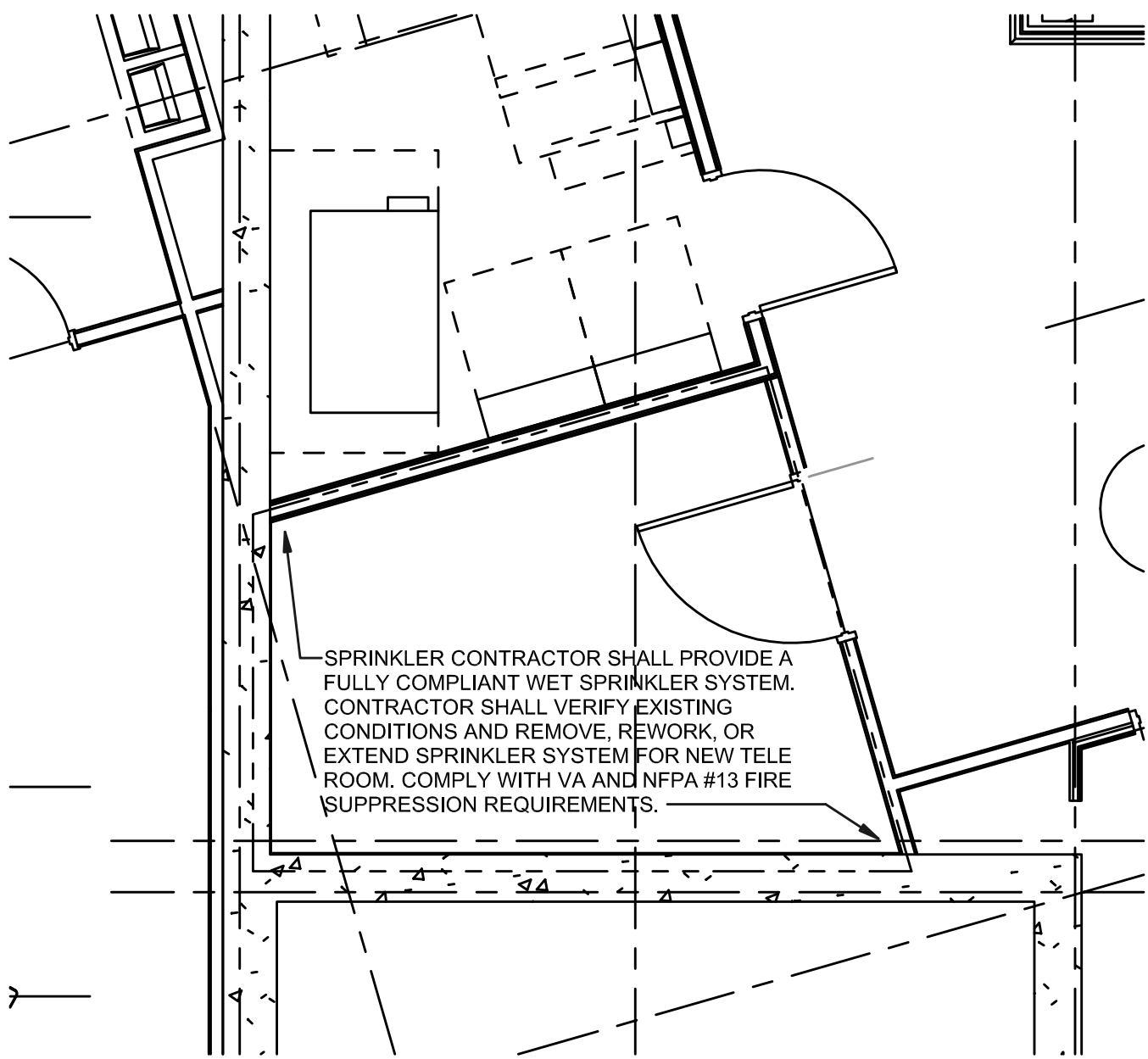


2 CLEAN AGENT DEMO WORK A437C
1/4" = 1'-0"

Revisions:	Date:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD	Construction and Facilities Management	Drawing Title	Phase	Project Title	Project Number
		Ross & Baruzzini	HFS	VA	FIRE PROTECTION FOURTH FLOOR CLEAN AGENT PLAN	100% CONSTRUCTION DOCUMENTS	CINCINNATI VAMC EHRM INFRASTRUCTURE UPGRADES	539-21-701
		8718 Botts Lane San Antonio, Texas 78217 www.hfscompany.com jbianco@hfscompany.com	8718 Botts Lane San Antonio, Texas 78217 Phone: (210) 816-4784 Fax: (210) 881-6808	U.S. Department of Veterans Affairs	Approved: Project Director	FULLY SPRINKLED	3200 VINE ST. CINCINNATI, OH.	Building Number
							Issue Date	Drawing Number
							15-JUN-2022	FP-205-C.1.4
							Checked	
							JA	
							Drawn	
							RF	



2 STORAGE 0001 - BASEMENT FLOOR PLAN - DEMOLITION
1/4" = 1'-0"



3 TELE ROOM - BASEMENT FLOOR PLAN - NEW WORK
1/4" = 1'-0"

HAZARD CLASSIFICATION LEGEND

FIRE PROTECTION CONTRACTOR SHALL PROVIDE A COMPLETE CODE COMPLIANT AUTOMATIC WET PIPE SYSTEM, OFFICE SPACE, CORRIDORS, VENDING, AND OTHER AREAS TO BE CONSIDERED LIGHT HAZARD WITH MINIMUM SPRINKLER DISCHARGE DENSITY OF 0.10 GPM/SQ. FT. FOR THE HYDRAULICALLY REMOTE 1,500 SQ. FT. AND 100 GPM HOSE STREAM.

ALL TELECOM ROOMS TO BE PROVIDED WITH ORDINARY HAZARD 0.15 GPM/SQ. FT. FOR THE MOST HYDRAULICALLY REMOTE 1,500 SQ. FT. AND 250 GPM HOSE STREAM.

Revisions:	Date:

CONSULTANT

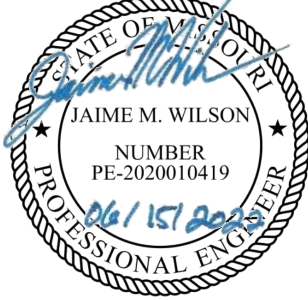
Ross & Baruzzini

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Construction
and Facilities
Management



U.S. Department
of Veterans
Affairs

Drawing Title

FIRE PROTECTION BASEMENT
OVERALL & ENLARGED PLANS

Approved: Project Director

Phase

100% CONSTRUCTION
DOCUMENTS

FULLY SPRINKLED

Project Title

CINCINNATI VAMC EHRM
INFRASTRUCTURE UPGRADES

Location 3200 VINE ST. CINCINNATI, OH.

Issue Date
15-JUNE-2022

Checked
JA

Drawn
DDP

Project Number

539-21-701

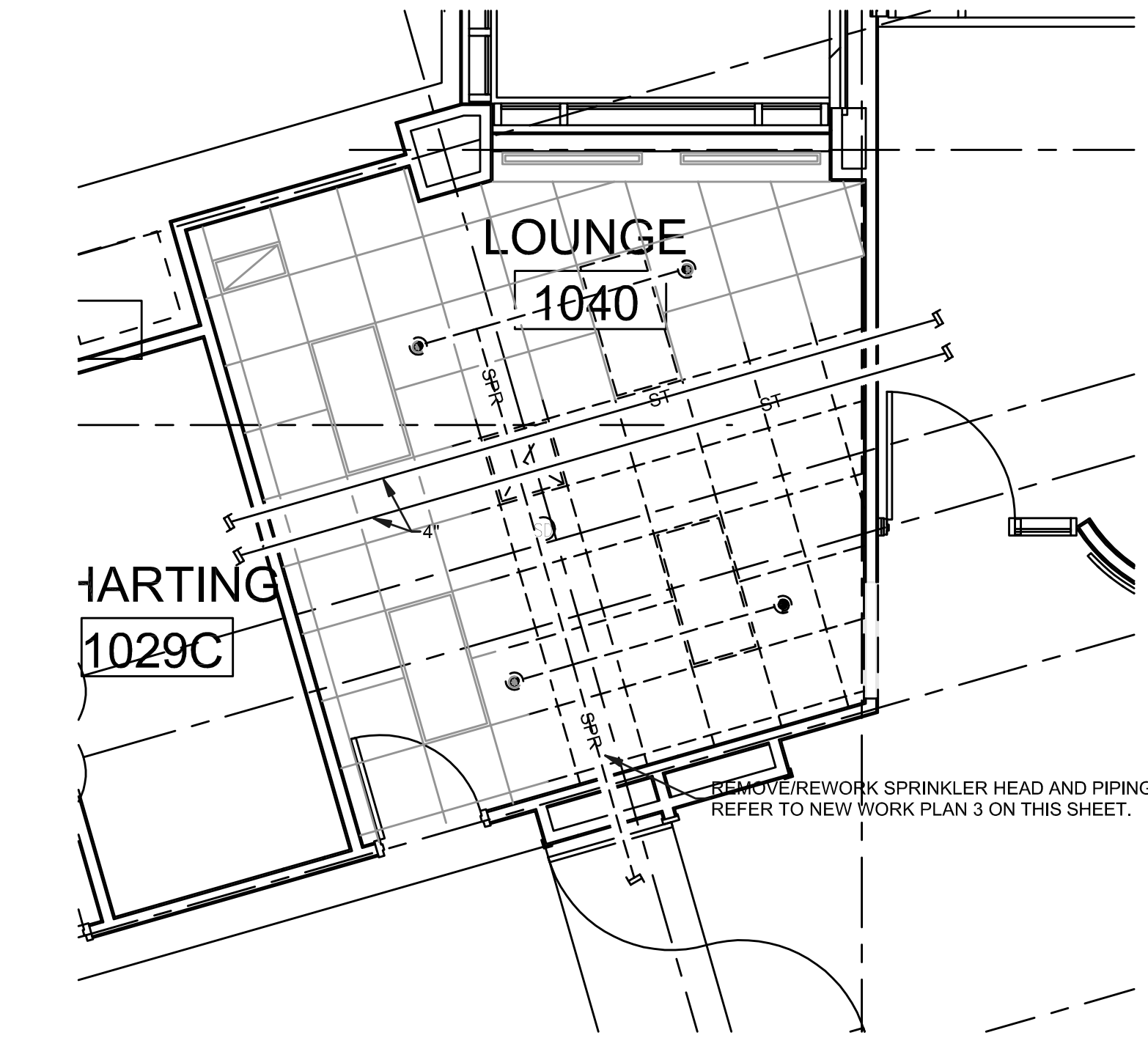
Building Number
2

Drawing Number

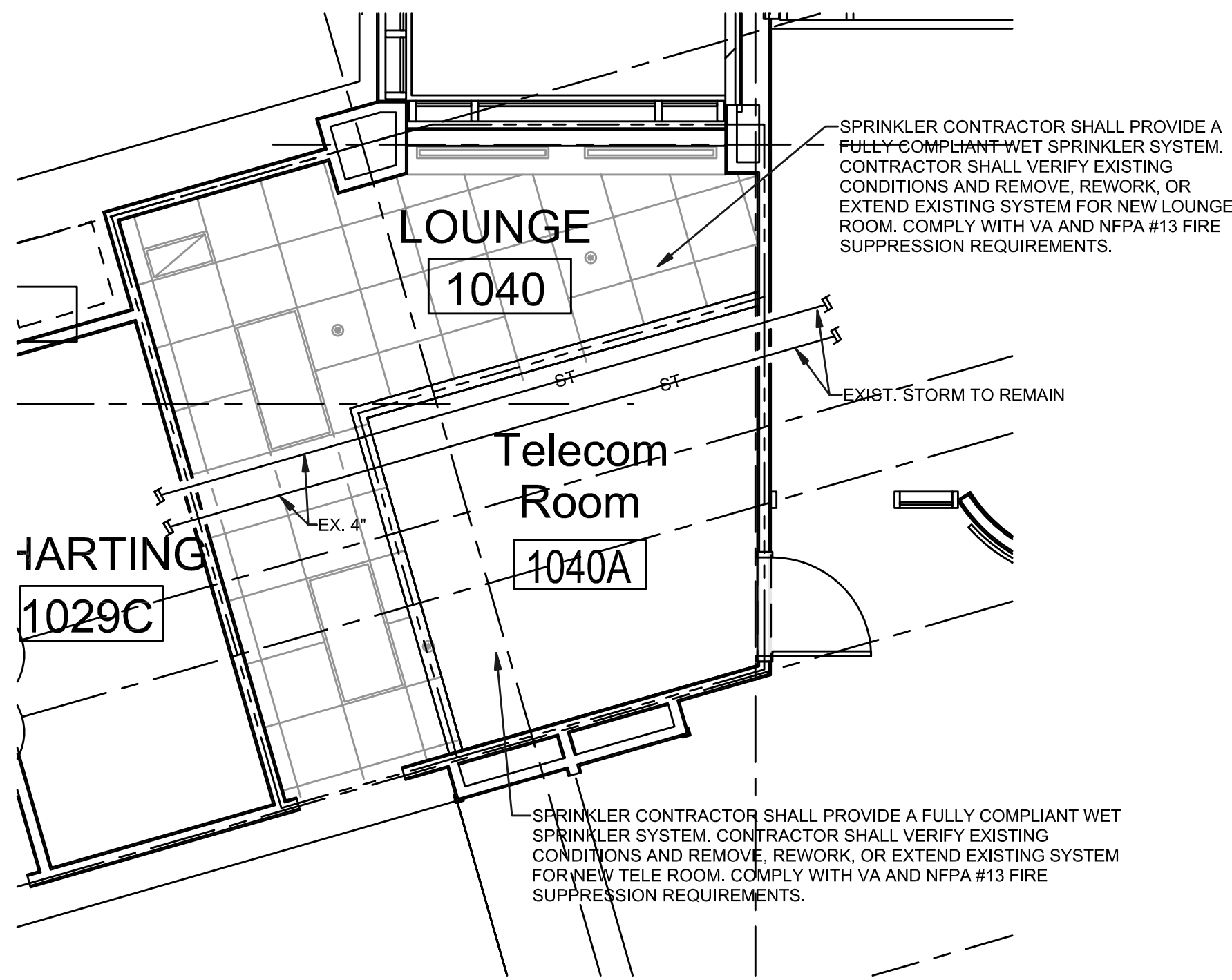
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1 FIRE PROTECTION - BUILDING #2 -
OVERALL FIRST FLOOR PLAN
1/16" = 1'-0"



2 LOUNGE 1040 - FIRST FLOOR PLAN -
DEMOLITION
1/4" = 1'-0"



3 TELE ROOM 1040A - FIRST FLOOR PLAN -
NEW WORK
1/4" = 1'-0"

HAZARD CLASSIFICATION LEGEND

FIRE PROTECTION CONTRACTOR SHALL PROVIDE A COMPLETE CODE COMPLIANT AUTOMATIC WET PIPE SYSTEM, OFFICE SPACE, CORRIDORS, VENDING, AND OTHER AREAS TO BE CONSIDERED LIGHT HAZARD WITH MINIMUM SPRINKLER DISCHARGE DENSITY OF 0.10 GPM/SQ. FT. FOR THE HYDRAULICALLY REMOTE 1,500 SQ. FT. AND 100 GPM HOSE STREAM.

ALL TELECOM ROOMS TO BE PROVIDED WITH LIGHT HAZARD 0.10 GPM/SQ. FT. FOR THE MOST HYDRAULICALLY REMOTE 1,500 SQ. FT. AND 100 GPM HOSE STREAM.

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Revisions:	Date:
1 ADDENDUM #2	06/15/2022

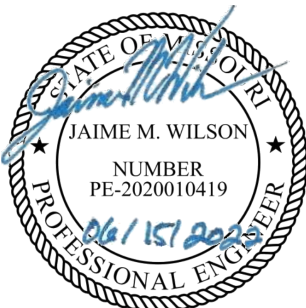
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Construction
and Facilities
Management



U.S. Department
of Veterans
Affairs

Drawing Title

FIRE PROTECTION FIRST FLOOR
OVERALL & ENLARGED PLANS

Approved: Project Director

Phase

100% CONSTRUCTION
DOCUMENTS

FULLY SPRINKLED

Project Title

CINCINNATI VAMC EHRM
INFRASTRUCTURE UPGRADES

Location

3200 VINE ST. CINCINNATI, OH.

Issue Date

15-JUNE-2022

Checked

JA

Drawn

DDP

Project Number

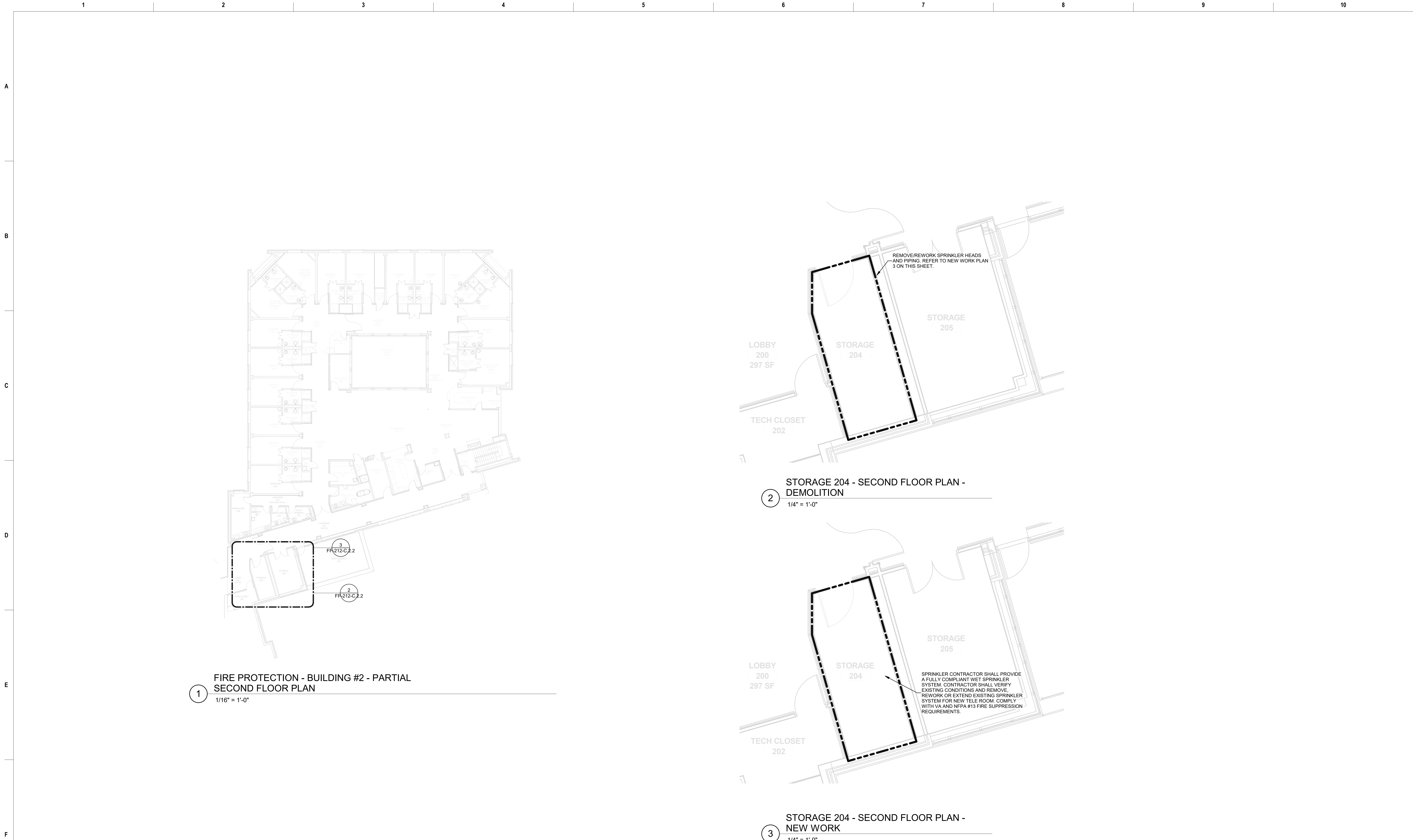
539-21-701

Building Number

2

Drawing Number

FP-211-C.2.1



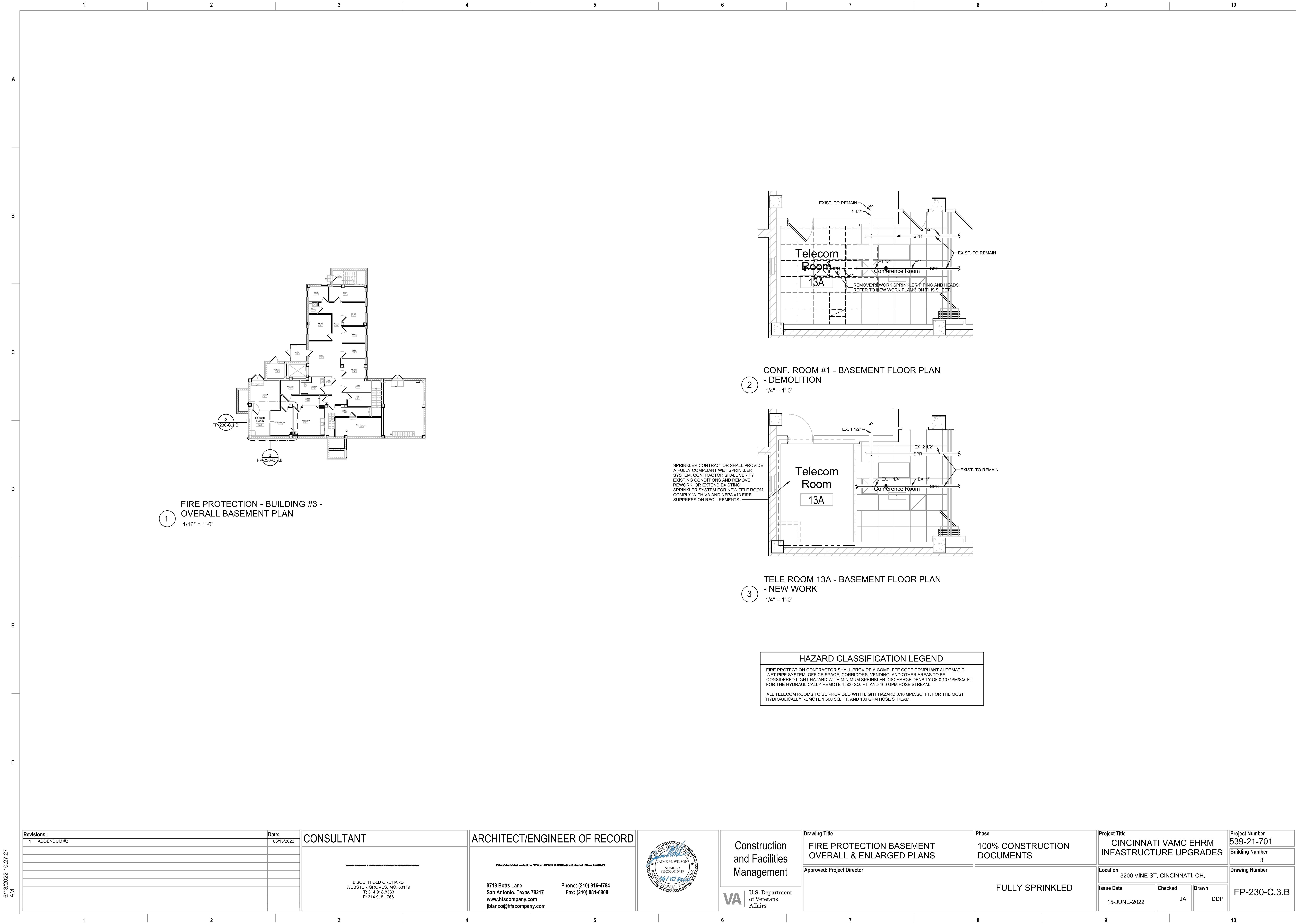
1 FIRE PROTECTION - BUILDING #2 - PARTIAL SECOND FLOOR PLAN
1/16" = 1'-0"

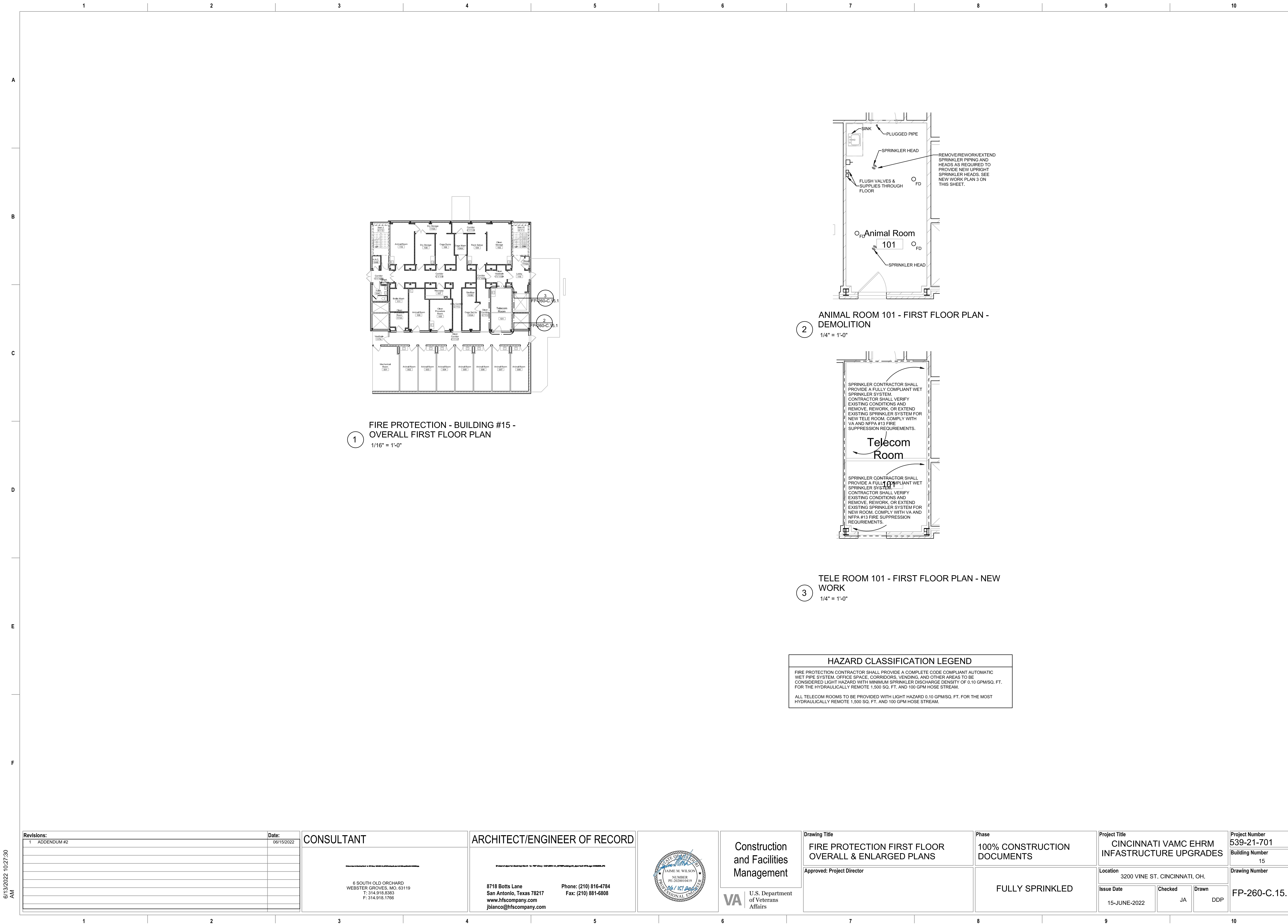
2 STORAGE 204 - SECOND FLOOR PLAN - DEMOLITION
1/4" = 1'-0"

3 STORAGE 204 - SECOND FLOOR PLAN - NEW WORK
1/4" = 1'-0"

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Revisions:	Date:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD		Construction and Facilities Management	Drawing Title	Phase	Project Title	Project Number													
												FIRE PROTECTION SECOND FLOOR OVERALL & ENLARGED PLANS	100% CONSTRUCTION DOCUMENTS	CINCINNATI VAMC EHRM INFRASTRUCTURE UPGRADES	539-21-701							
																6 SOUTH OLD ORCHARD WEBSTER GROVES, MO. 63119 T: 314.918.8383 F: 314.918.1766	8718 Botts Lane San Antonio, Texas 78217 www.hfscompany.com jbianco@hfscompany.com	3200 VINE ST. CINCINNATI, OH.	Building Number 2			
																				Approved: Project Director	FULLY SPRINKLED	Drawing Number
04-MAY-2022	JA	DDP																				





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Revisions:	Date:
1 ADDENDUM #2	06/15/2022

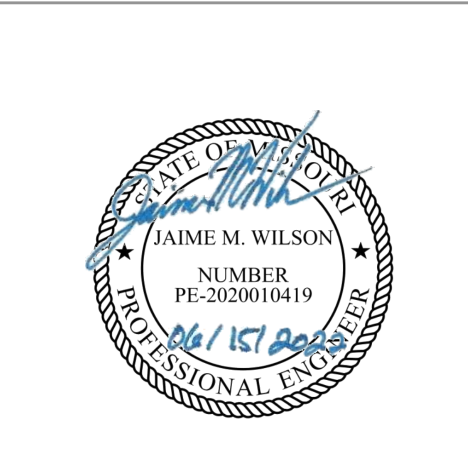
CONSULTANT

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Construction and Facilities Management

VA

U.S. Department of Veterans Affairs

Drawing Title

FIRE PROTECTION FIRST FLOOR OVERALL & ENLARGED PLANS

Approved: Project Director

Phase

100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLED

Project Title

CINCINNATI VAMC EHRM INFRASTRUCTURE UPGRADES

Location3200 VINE ST. CINCINNATI, OH.

Issue Date15-JUNE-2022

CheckedJADrawnDDP

Project Number539-21-701

Building Number15

Drawing NumberFP-260-C.15.1

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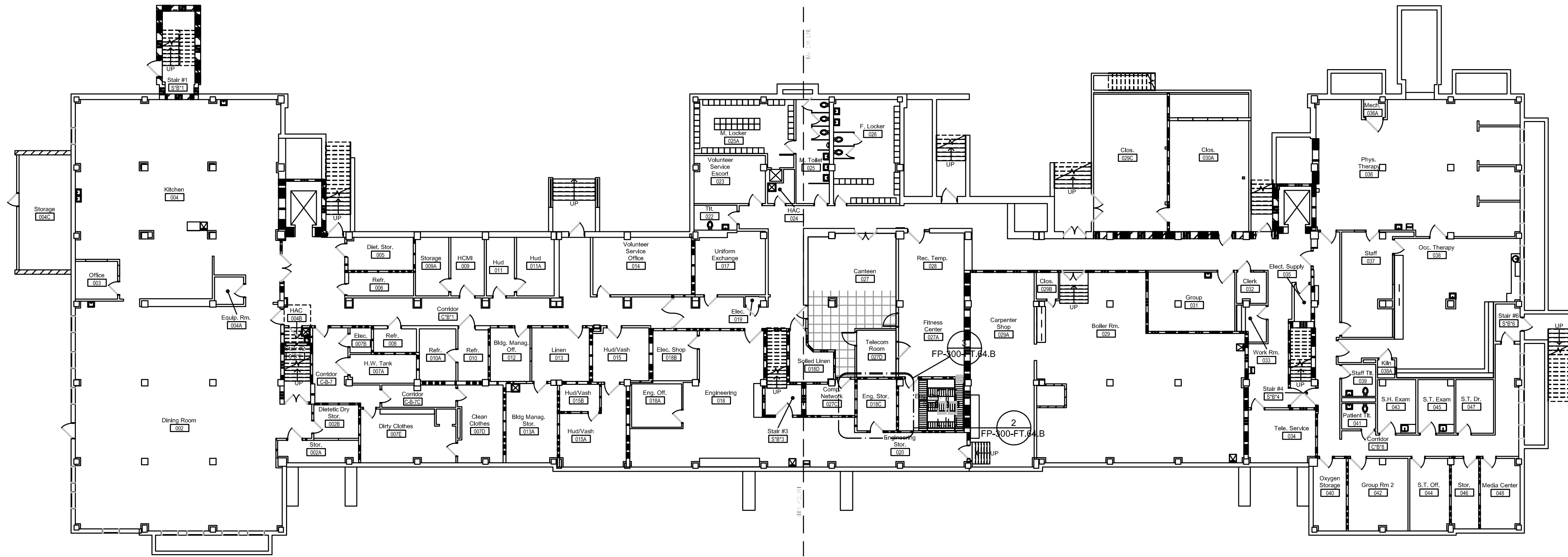
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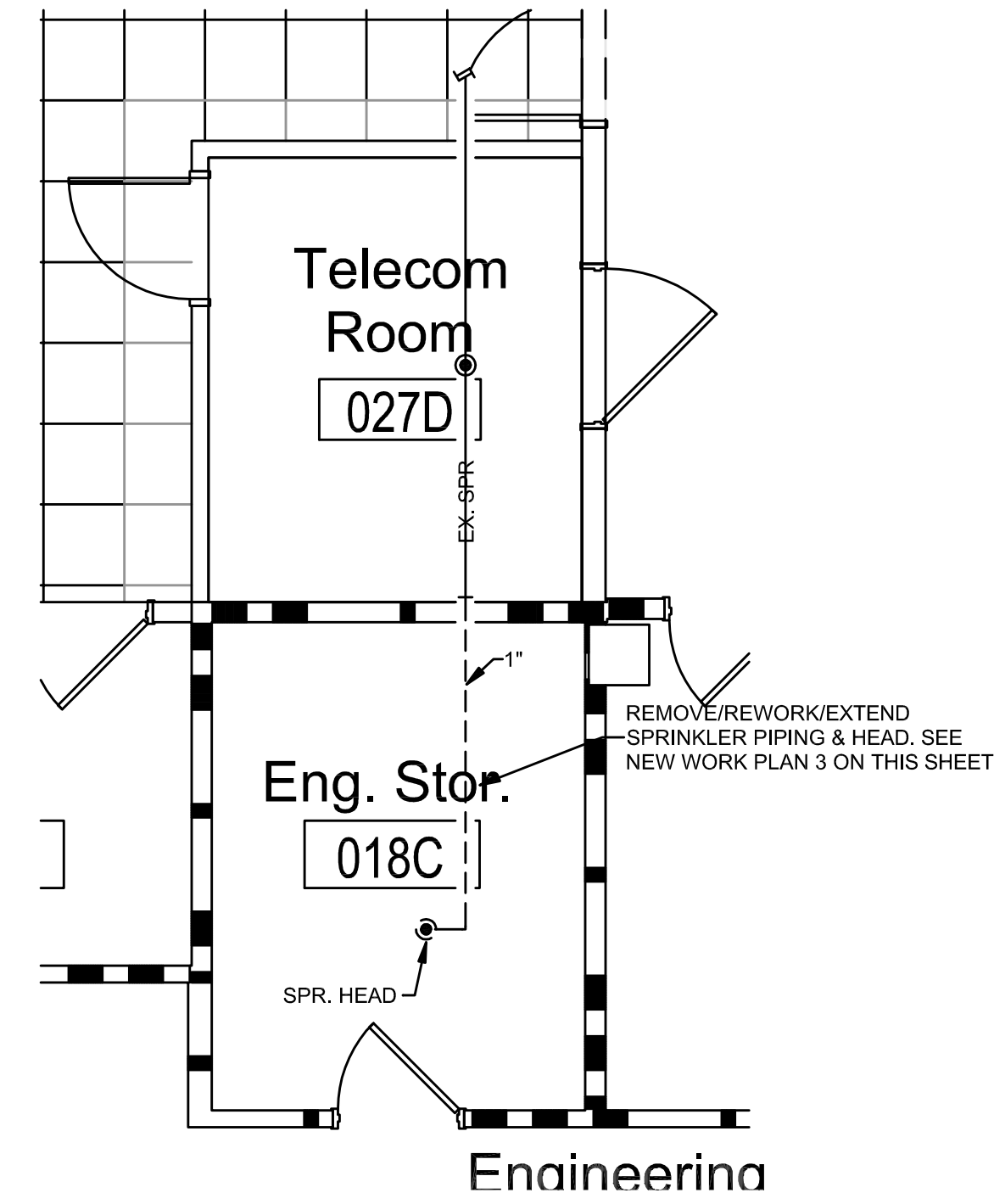
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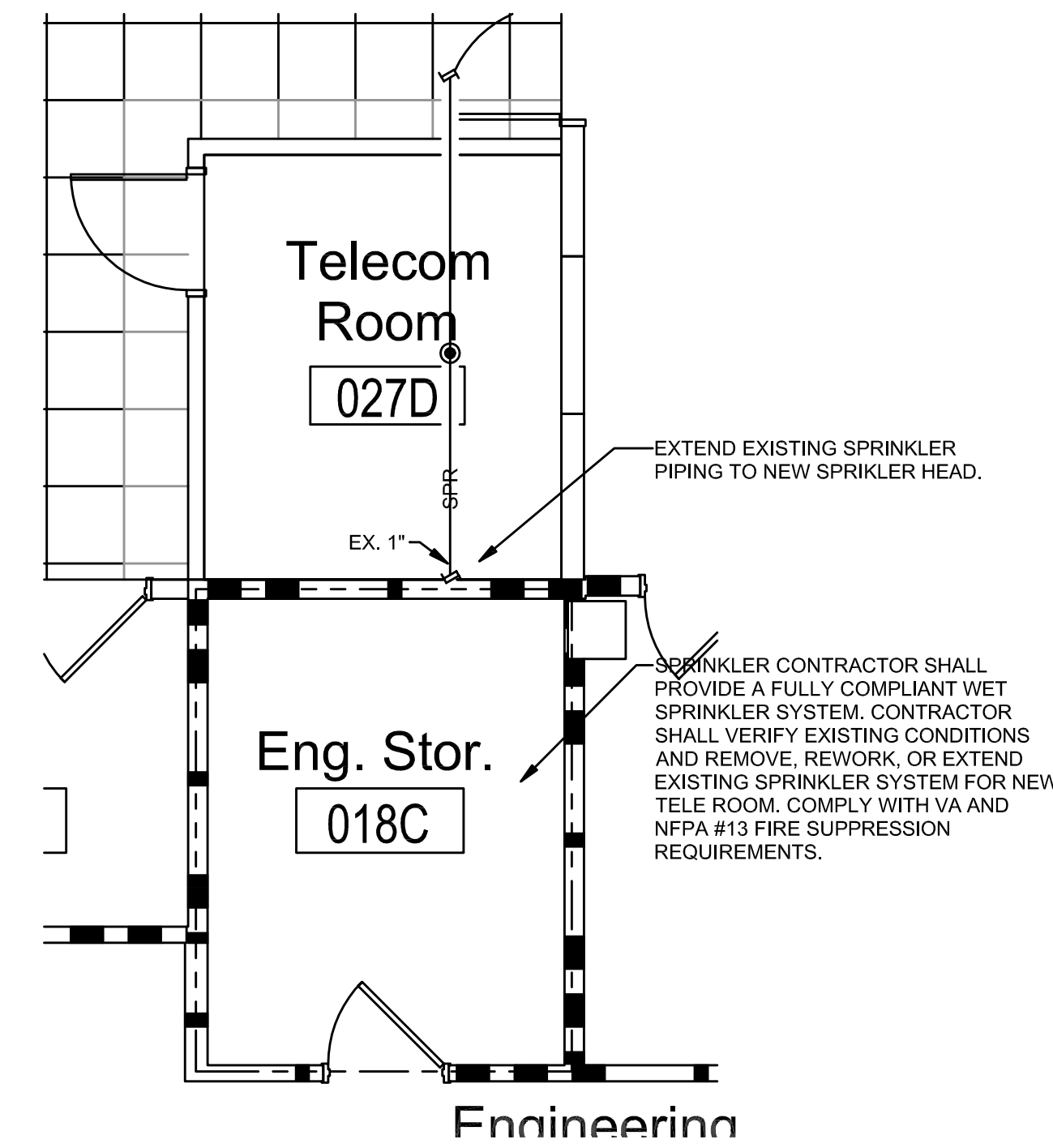
**FIRE PROTECTION - BUILDING #64 -
OVERALL BASEMENT PLAN**

1/16" = 1'-0"



**ENG. STOR. 018C - BASEMENT FLOOR PLAN
- DEMOLITION**

1/4" = 1'-0"



**ENG. STOR. 018C - BASEMENT FLOOR PLAN
- NEW WORK**

1/4" = 1'-0"

HAZARD CLASSIFICATION LEGEND

FIRE PROTECTION CONTRACTOR SHALL PROVIDE A COMPLETE CODE COMPLIANT AUTOMATIC WET PIPE SYSTEM. OFFICE SPACE, CORRIDORS, VENDING, AND OTHER AREAS TO BE CONSIDERED LIGHT HAZARD WITH MINIMUM SPRINKLER DISCHARGE DENSITY OF 0.10 GPM/SQ. FT. FOR THE HYDRAULICALLY REMOTE 1,500 SQ. FT. AND 100 GPM HOSE STREAM.

ALL TELECOM ROOMS TO BE PROVIDED WITH ORDINARY HAZARD 0.15 GPM/SQ. FT. FOR THE MOST HYDRAULICALLY REMOTE 1,500 SQ. FT. AND 250 GPM HOSE STREAM.

Revisions:	Date:

CONSULTANT

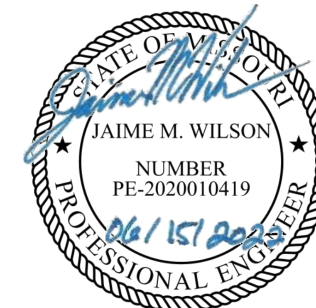
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**Construction
and Facilities
Management**

VA U.S. Department
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Affairs

Drawing Title
**FIRE PROTECTION BASEMENT
OVERALL & ENLARGED PLANS**

Approved: Project Director

Phase
**100% CONSTRUCTION
DOCUMENTS**

FULLY SPRINKLED

Project Title
**CINCINNATI VAMC EHRM
INFRASTRUCTURE UPGRADES**

Location
3200 VINE ST. CINCINNATI, OH.

Issue Date
15-JUNE-2022

Checked
JA

Drawn
DDP

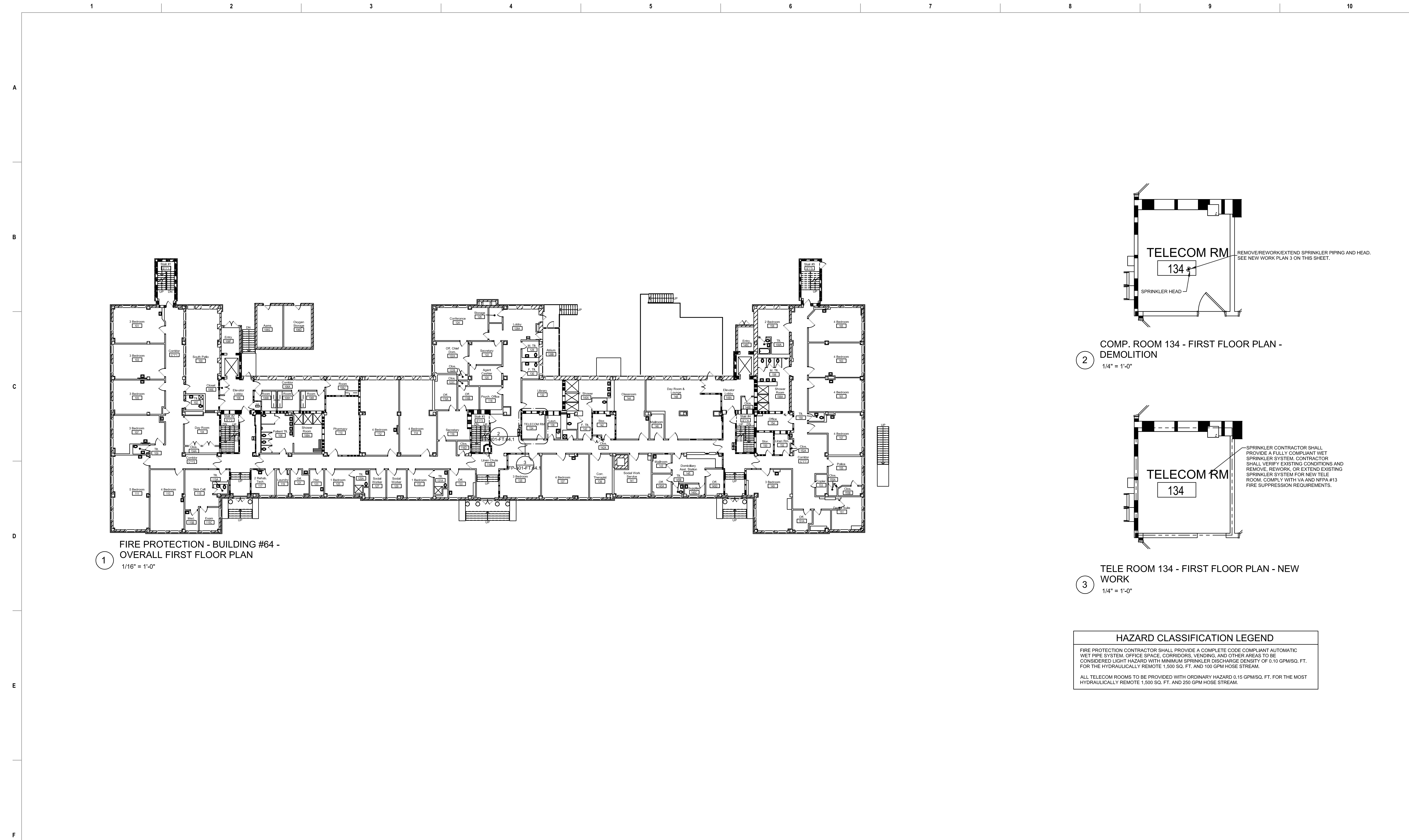
Project Number
539-21-701

Building Number
64

Drawing Number

FP-300-FT.64.B

4/29/2022 3:33:47 PM



1 FIRE PROTECTION - BUILDING #64 -
OVERALL FIRST FLOOR PLAN
1/16" = 1'-0"

2 COMP. ROOM 134 - FIRST FLOOR PLAN -
DEMOLITION
1/4" = 1'-0"

3 TELE ROOM 134 - FIRST FLOOR PLAN - NEW
WORK
1/4" = 1'-0"

HAZARD CLASSIFICATION LEGEND

FIRE PROTECTION CONTRACTOR SHALL PROVIDE A COMPLETE CODE COMPLIANT AUTOMATIC WET PIPE SYSTEM. OFFICE SPACE, CORRIDORS, VENDING, AND OTHER AREAS TO BE CONSIDERED LIGHT HAZARD WITH MINIMUM SPRINKLER DISCHARGE DENSITY OF 0.10 GPM/SQ. FT. FOR THE HYDRAULICALLY REMOTE 1,500 SQ. FT. AND 100 GPM HOSE STREAM.

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Revisions:	Date:

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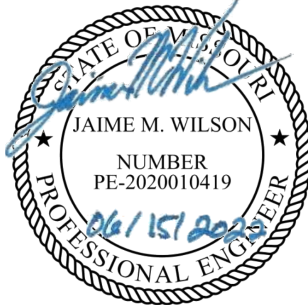
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Construction
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U.S. Department
of Veterans
Affairs

Drawing Title

FIRE PROTECTION FIRST FLOOR
OVERALL & ENLARGED PLANS

Approved: Project Director

Phase

100% CONSTRUCTION
DOCUMENTS

FULLY SPRINKLED

Project Title

CINCINNATI VAMC EHRM
INFRASTRUCTURE UPGRADES

Location

3200 VINE ST. CINCINNATI, OH.

Issue Date

15-JUNE-2022

Checked

JA

Drawn

DDP

Project Number

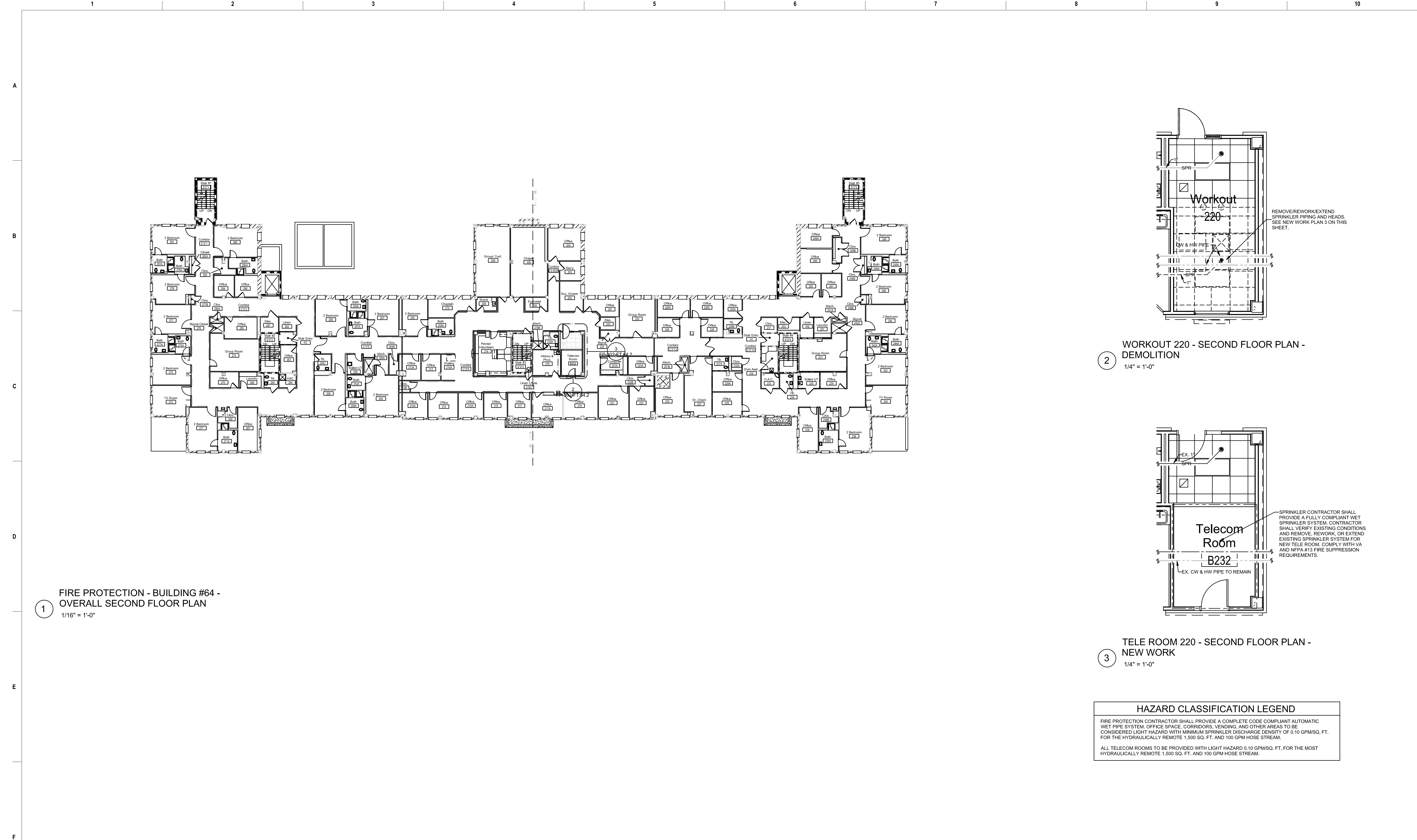
539-21-701

Building Number

64

Drawing Number

FP-301-FT.64.1



1 FIRE PROTECTION - BUILDING #64 -
OVERALL SECOND FLOOR PLAN
1/16" = 1'-0"

2 WORKOUT 220 - SECOND FLOOR PLAN -
DEMOLITION
1/4" = 1'-0"

3 TELE ROOM 220 - SECOND FLOOR PLAN -
NEW WORK
1/4" = 1'-0"

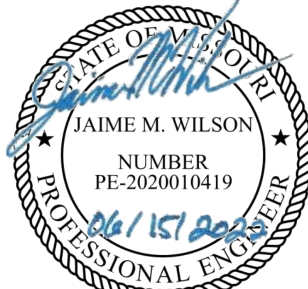
HAZARD CLASSIFICATION LEGEND	
FIRE PROTECTION CONTRACTOR SHALL PROVIDE A COMPLETE CODE COMPLIANT AUTOMATIC WET PIPE SYSTEM. OFFICE SPACE, CORRIDORS, VENDING, AND OTHER AREAS TO BE CONSIDERED LIGHT HAZARD WITH MINIMUM SPRINKLER DISCHARGE DENSITY OF 0.10 GPM/SQ. FT. FOR THE HYDRAULICALLY REMOTE 1,500 SQ. FT. AND 100 GPM HOSE STREAM.	
ALL TELECOM ROOMS TO BE PROVIDED WITH LIGHT HAZARD 0.10 GPM/SQ. FT. FOR THE MOST HYDRAULICALLY REMOTE 1,500 SQ. FT. AND 100 GPM HOSE STREAM.	

6/13/2022 10:32:03 AM

Revisions:	Date:
1 ADDENDUM #2	06/15/2022

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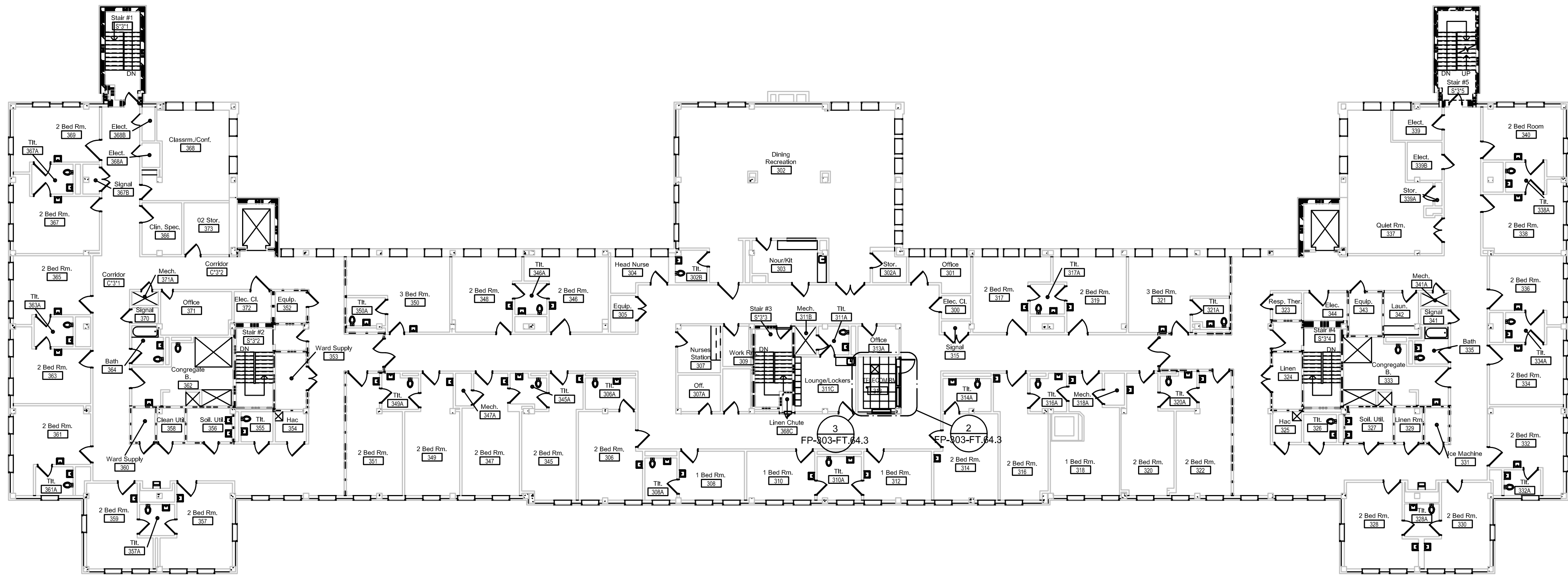


Construction and Facilities Management
U.S. Department of Veterans Affairs

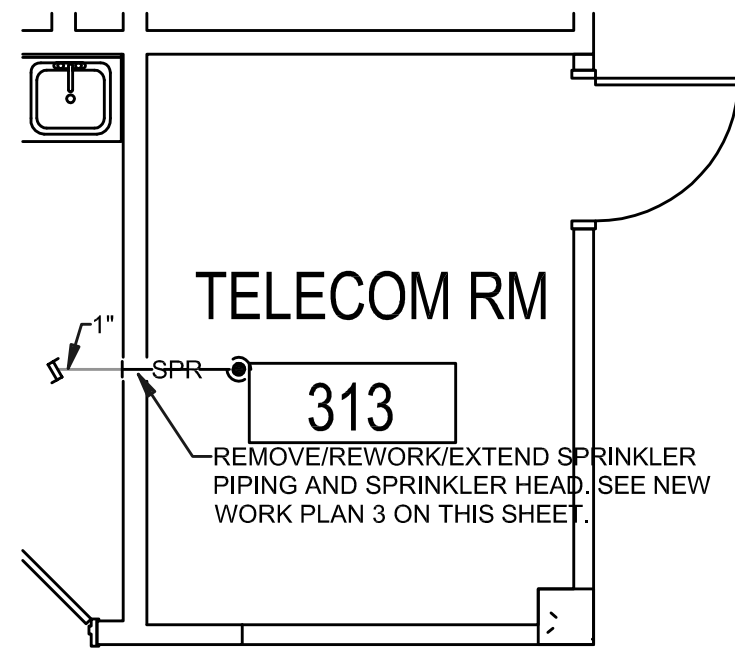
Drawing Title
FIRE PROTECTION SECOND FLOOR OVERALL & ENLARGED PLANS
Approved: Project Director

Phase
100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLED

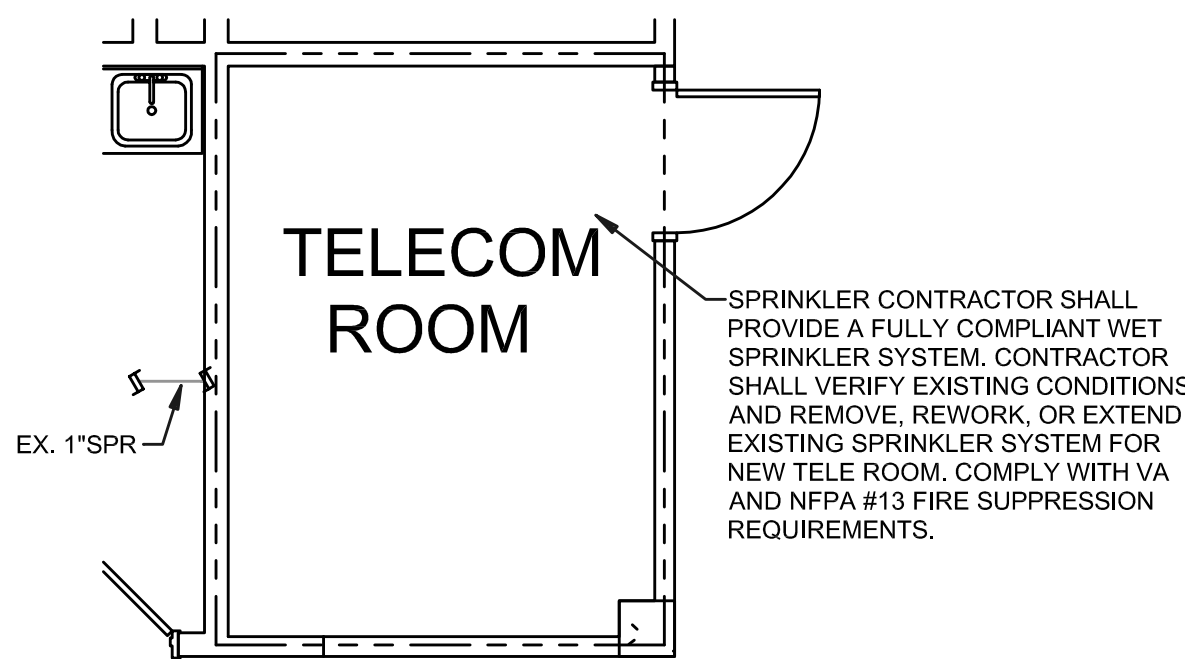
Project Title			Project Number	
CINCINNATI VAMC EHRM INFRASTRUCTURE UPGRADES			539-21-701	
Location			Building Number	
3200 VINE ST. CINCINNATI, OH.			64	
Issue Date			Checked	Drawn
15-JUNE-2022			JA	DDP
Drawing Number				
FP-302-FT.64.2				



1 FIRE PROTECTION - BUILDING #64 -
OVERALL THIRD FLOOR PLAN
1/16" = 1'-0"



2 NURSES STATION 313 - THIRD FLOOR PLAN
- DEMOLITION
1/4" = 1'-0"



3 TELE ROOM 313 - THIRD FLOOR PLAN -
NEW WORK
1/4" = 1'-0"

HAZARD CLASSIFICATION LEGEND

FIRE PROTECTION CONTRACTOR SHALL PROVIDE A COMPLETE CODE COMPLIANT AUTOMATIC WET PIPE SYSTEM, OFFICE SPACE, CORRIDORS, VENDING, AND OTHER AREAS TO BE CONSIDERED LIGHT HAZARD WITH MINIMUM SPRINKLER DISCHARGE DENSITY OF 0.10 GPM/SQ. FT. FOR THE HYDRAULICALLY REMOTE 1,500 SQ. FT. AND 100 GPM HOSE STREAM.

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Revisions:	Date:
1 ADDENDUM #2	06/15/2022

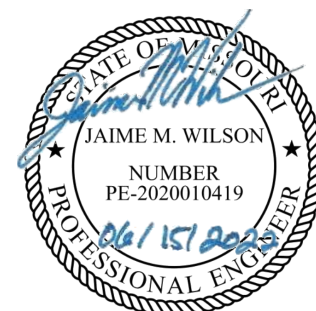
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Construction
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VA U.S. Department
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Affairs

Drawing Title
FIRE PROTECTION THIRD FLOOR
OVERALL & ENLARGED PLANS

Approved: Project Director

Phase
100% CONSTRUCTION
DOCUMENTS

FULLY SPRINKLED

Project Title
CINCINNATI VAMC EHRM
INFRASTRUCTURE UPGRADES

Location
3200 VINE ST. CINCINNATI, OH.

Issue Date
15-JUNE-2022

Checked
JA

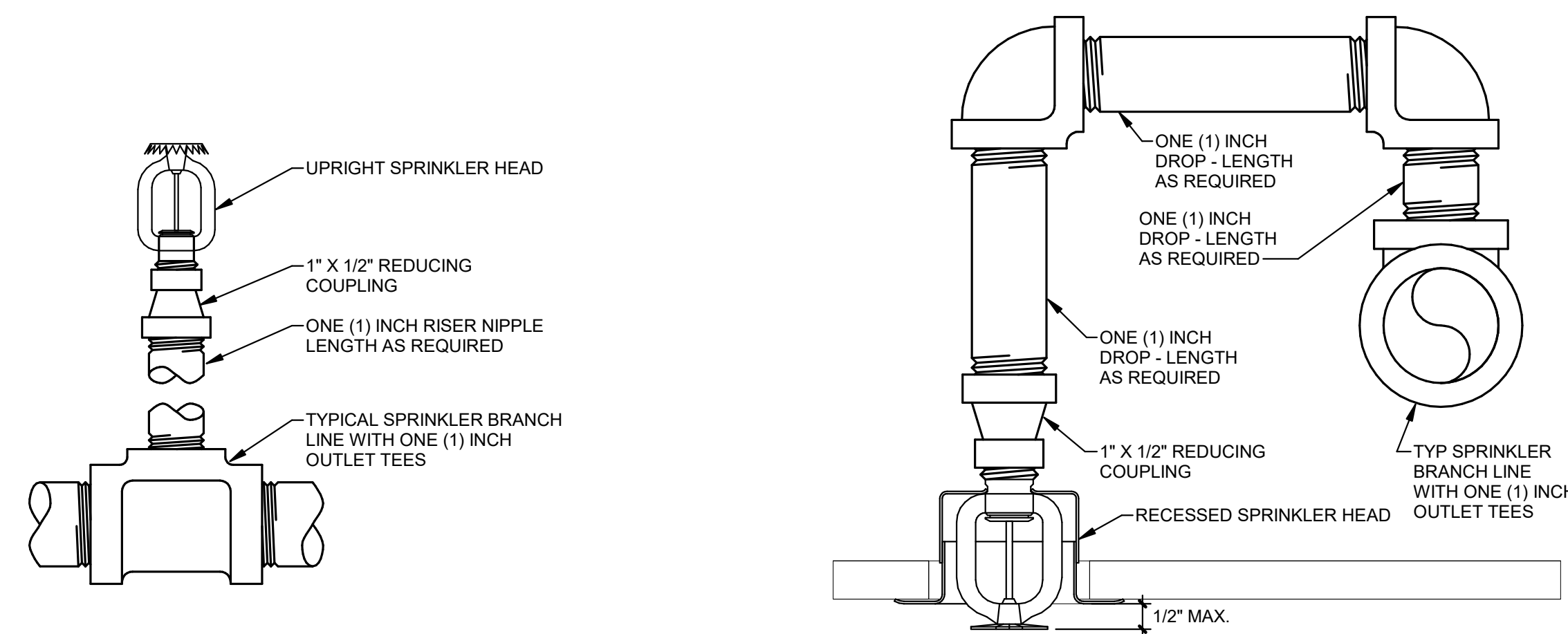
Drawn
DDP

Project Number
539-21-701

Building Number
64

Drawing Number

FP-303-FT.64.3



3 RECESSED SPRINKLER HEAD
NONE

The diagram illustrates the central role of the **CLEAN AGENT RELEASING PANEL** in a fire alarm system. It is connected to the following components:

- Supervisory and Monitoring Modules:** Two **ABORT SUPERVISION MODULE** units (each with **A** and **M** sections) and three **MONITORING MODULE (TYP.)** units (**MM**) are connected to the top of the panel. These modules are linked to **SUPERVISORY, ACTION LEVEL (TYP. FOR MONITORING DUCT SMOKE DETECTORS)** and **EXISTING DUCT SMOKE DETECTORS (TYP.)** (**DS**).
- Control and Emergency Modules:** A **CONTROL MODULE** (**CM**) is connected to the right side of the panel, which then branches out to control a row of modules: two **MOTORIZED DAMPER** units, two **EMERGENCY POWER OFF** units, and one additional **CM** unit.
- Notification and Strobe Modules:** A **STROBE SYNCHRONIZATION MODULE** and a **HORN/STROBE NOTIFICATION** unit are connected to the panel. The notification unit is followed by a series of **H/S** (Horn/Stroke) modules.
- Alarm and Fire Alarm Control:** The panel is connected to a **FIRE ALARM CONTROL PANEL** at the bottom, which includes **TRouble, SUPERVISORY LEVEL**, **SUPERVISORY, ACTION LEVEL**, and **ALARM, ACTION LEVEL** signals. It also interfaces with **AIR ASPIRATING DEVICE SMOKE DETECTOR** units (**ASD**).
- External Connections:** The panel is linked to a **CLEAN AGENT RELEASING SOLENOID** and a **MAINTENANCE DISCONNECT SWITCH** at the top.

CLEAN AGENT RELEASING PANEL

*SCHEMATIC SHOWN FOR REFERENCE ONLY.
REFER TO INSTALLATION INSTRUCTIONS FOR
DETAILED WIRING INFORMATION

5 CLEAN AGENT RELEASING PANEL
NONE

6/15/2022 11:31:39 AM

1

2

3

4

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6

7

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9

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A

B

C

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E

F

FIRE ALARM SYSTEMS

1.

REFER TO SPECIFICATIONS SECTION 283000 FOR ADDITIONAL INFORMATION PERTAINING TO THE FIRE ALARM SYSTEM.

2.

SIGNALING LINE CIRCUITS SHALL BE ROUTED IN A CLASS B CONFIGURATION

3.

NOTIFICATION APPLIANCE CIRCUITS SHALL BE ROUTED IN A CLASS B CONFIGURATION.

4.

FIRE ALARM CIRCUITS SHALL BE ROUTED IN CONDUIT.

5.

FOR VISUAL DEVICES, THE # WITHIN THE SYMBOL CORRESPONDS TO THE CANDELA RATING OF THE DEVICE: 1=15cd, 3=30cd, 5=75cd, 7=177cd.

6.

WALL MOUNTED NOTIFICATION DEVICES SHALL BE MOUNTED WITH THE TOP OF THE DEVICE +90" A.F.F. OR 6" BELOW THE CEILING, WHICHEVER IS LOWER.

7.

PROVIDE ADDITIONAL APPURTANCES AS REQUIRED TO CONNECT SMOKE DETECTOR TO EXISTING FIRE ALARM CONTROL PANEL.

PS

CEILING MOUNTED SPEAKER WITH STROBE

SD

SMOKE ALARM

1

RESIDENT OFFICE OVERNIGHT C383A - THIRD FLOOR PLAN - NEW WORK

1/4" = 1'-0"

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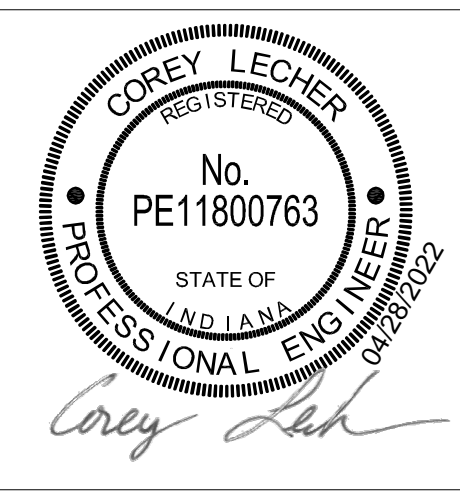
Revisions:	Date:	CONSULTANT	ARCHITECT/ENGINEER OF RECORD		Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title FIRE ALARM THIRD FLOOR ENLARGED PLAN Approved: Project Director	Phase 100% CONSTRUCTION DOCUMENTS FULLY SPRINKLED	Project Title CINCINNATI VAMC EHRM INFRASTRUCTURE UPGRADES	Project Number 539-21-701		
		 6 SOUTH OLD ORCHARD WEBSTER GROVES, MO. 63119 T: 314.918.8383 F: 314.918.1766	 COMPANY 8718 Botts Lane San Antonio, Texas 78217 www.hfscompany.com jbianco@hfscompany.com					Location 3200 VINE ST. CINCINNATI, OH.	Building Number		
								Issue Date 04-MAY-2022	Checked Approver	Drawn Author	Drawing Number FA-206.C.1.3

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Revisions:	Date:

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

Drawing Title
PLUMBING SYMBOLS AND ABBREVIATIONS
Approved: Project Director

Phase
100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLED

Project Title
CINCINNATI VAMC EHRM INFRASTRUCTURE UPGRADES
Location
3200 VINE ST. CINCINNATI, OH.
Issue Date
04-MAY-2022
Checked
JDB
Drawn
DDP

Project Number
539-21-701
Building Number
Drawing Number
P-000

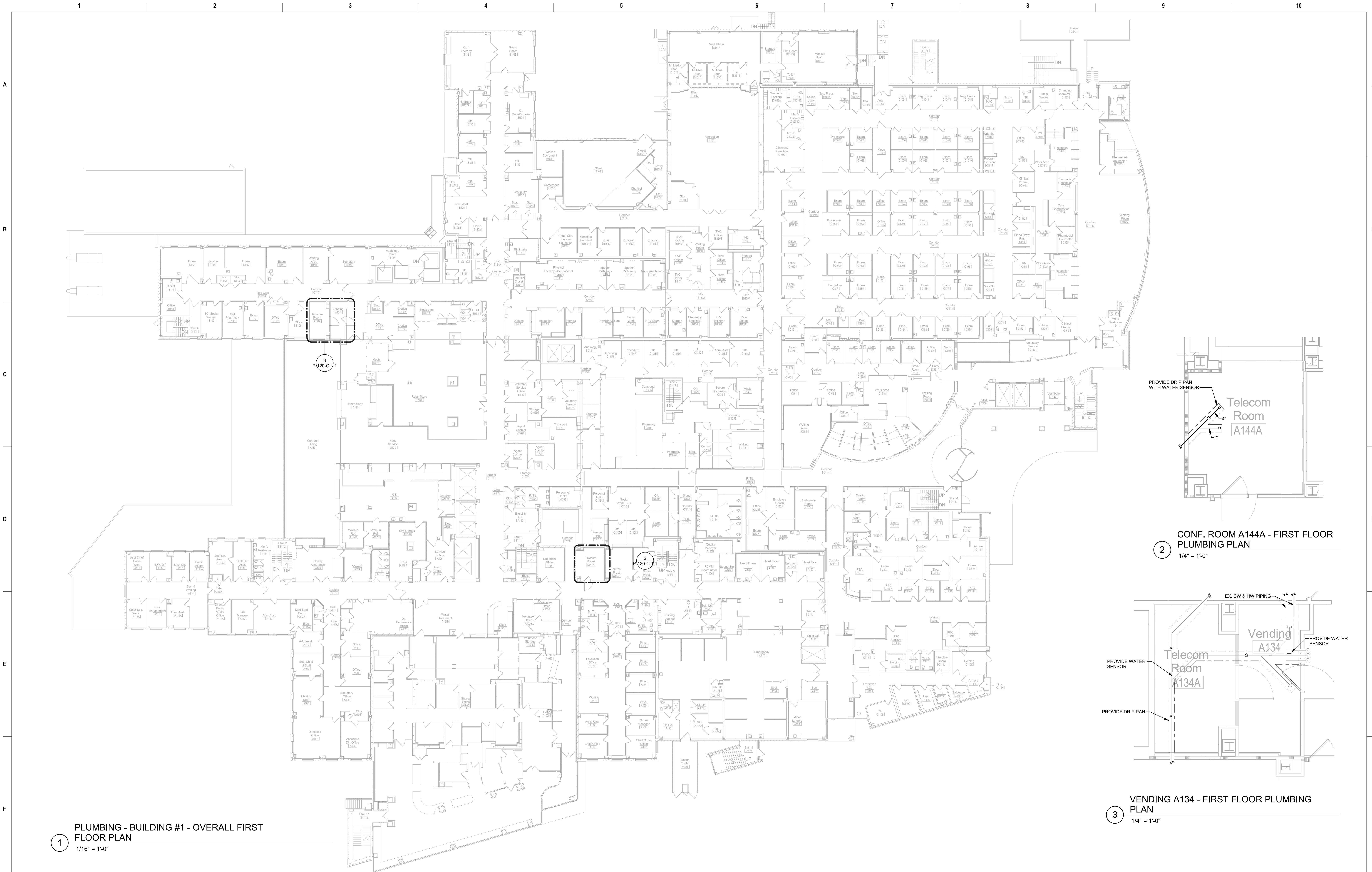
COMMON PFP SYMBOLS & ABBREVIATIONS	
NOT ALL SYMBOLS ARE USED FOR THIS PROJECT	
	DIRECTION OF FLOW
	BRANCH CONNECTION, BOTTOM
	BRANCH CONNECTION, TOP
	ELBOW, TURNED DOWN
	ELBOW, TURNED UP
	SHUTOFF VALVE
	CHECK VALVE
	PRESSURE REDUCING VALVE
	PRESSURE GAUGE
	UNION
	PIPING CAP
	EXISTING PIPING TO BE REMOVED
	MATCH LINE
	CONNECTION TO EXISTING
	DETAIL DESIGNATION
	RISER DESIGNATION
	KEYED NOTE
	REVISION NOTE
AFF	ABOVE FINISH FLOOR
AHJ	AUTHORITIES HAVING JURISDICTION
AP	ACCESS PANEL
BOP	BOTTOM OF PIPE
DIA	DIAMETER
DN	DOWN
EX OR EXIST	EXISTING
FFE	FINISHED FLOOR ELEVATION
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HP	HORSEPOWER
IE OR INV. ELEV	INVERT ELEVATION
NC	NORMALLY CLOSED
NTS	NOT TO SCALE
PSI	POUNDS PER SQUARE INCH
RPM	REVOLUTIONS PER MINUTE
RI	ROUGH-IN
SOV	SHUTOFF VALVE
TDH	TOTAL DYNAMIC HEAD
VIF	VERIFY IN FIELD

PLUMBING SYMBOLS & ABBREVIATIONS	
NOT ALL SYMBOLS ARE USED FOR THIS PROJECT	
	TRAPPED CONNECTION
	STRAINER
	BALANCING VALVE
	CLEANOUT (CO)
	OS & Y GATE VALVE
	TEMPERATURE GAUGE
	THERMOSTATIC MIXING VALVE
	REDUCED PRESSURE BACKFLOW PREVENTER
	HOSE BIBB/WALL HYDRANT
	ACID VENT
	ACID WASTE
	DRAIN PIPING
	DEIONIZED WATER PIPING
	REVERSE OSMOSIS PIPING (RO)
	DOMESTIC COLD WATER PIPING (CW)
	DOMESTIC HOT WATER PIPING (HW)
	DOMESTIC HOT WATER RETURN PIPING (HWR)
	NON-POTABLE WATER PIPING
	PUMP DISCHARGE PIPING
	SANITARY PIPING
	SUBSOIL DRAINAGE PIPING
	STORM PIPING
	OVERFLOW STORM PIPING
	TEMPERED WATER
	VENT PIPING
	EXISTING FIXTURE TO BE REMOVED
	EXISTING FIXTURE
	NEW FIXTURE
	FLEXIBLE CONNECTION
	FLOOR DRAIN/FLOOR SINK (FD/FS)
	CIRCULATION PUMP

PLUMBING ABBREVIATIONS	
NOT ALL SYMBOLS ARE USED FOR THIS PROJECT	
ADA	AMERICANS WITH DISABILITIES ACT
AP	ACCESS PANEL
BP	BOOSTER PUMP
BT	BATHTUB
BTC	BRANCH TO CONNECTION
BV	BALANCE VALVE
CI	CAST IRON
CO	CLEANOUT
CSS	CLINICAL SERVICE SINK
DCVA	DOUBLE CHECK VALVE ASSEMBLY
DS	DOWNSPOUT
DW	DISHWASHER
DWH	DOMESTIC WATER HEATER
EEW	EMERGENCY EYE WASH
ESEW	EMERGENCY SHOWER & EYE WASH
ESH	EMERGENCY SHOWER
ET	EXPANSION TANK
EWC	ELECTRIC WATER COOLER
FCO	FLOOR CLEAN OUT
GCO	GRADE CLEANOUT
GD	GARBAGE DISPOSAL
HB	HOSE BIBB
HWRP	HOT WATER RETURN PUMP
HWST	HOT WATER STORAGE TANK
IM	ICE MAKER
IW	INDIRECT WASTE
LA	LAVATORY
MB	MOP BASIN
NIC	NOT IN CONTRACT
OB	OUTLET BOX
RD	ROOF DRAIN
RPZ	REDUCED PRESSURE BACKFLOW PREVENTER
S	SANITARY
S/S	STAINLESS STEEL
SH	SHOWER
SK	SINK
SP	SUMP PUMP
SS	SANITARY STACK
SSK	SHOP SINK
SW	SOFT WATER
TMV	THERMOSTATIC MIXING VALVE
UR	URINAL
V	VENT
VB	VACUUM BREAKER
VS	VENT STACK
VTR	VENT THRU ROOF
W	WASTE
WC	WATER CLOSET
WCO	WALL CLEANOUT
WD	WASHER DRAIN
WH	WALL HYDRANT
WHA	WATER HAMMER ARRESTOR
WM	WATER METER
WS	WASTE STACK
WSV	WASTE STACK VENT
YCO	YARD CLEANOUT

PLUMBING GENERAL NOTES	
1.	THIS CONTRACTOR SHALL VISIT THE PROJECT SITE AND VERIFY LOCATIONS, ELEVATIONS AND SIZES OF ALL UTILITIES AT SITE PRIOR TO PROCEEDING WITH WORK. EXISTING SYSTEMS AND STRUCTURE SHALL BE INVESTIGATED FOR BEST POSSIBLE ROUTING OF COLD WATER, HOT WATER, SANITARY WASTE AND VENT, STORM AND MEDICAL LABORATORY GAS PIPING.
2.	THESE PLANS ARE DIAGRAMMATIC IN NATURE SINCE THE ONLY AVAILABLE INFORMATION HAS BEEN OBTAINED FROM EXISTING PLANS, SPECIFICATIONS, AND FIELD SURVEYS. THE EXACT LOCATION OF PIPING, FIXTURES AND EQUIPMENT MAY DEVIATE FROM THE LOCATION INDICATED ON THESE DRAWINGS. EXTREME ACCURACY IS NOT GUARANTEED. THIS CONTRACTOR SHALL BE PREPARED TO MAKE ALTERATIONS TO NEW AND/OR EXISTING SERVICES TO FIT JOB CONDITIONS. THIS CONTRACTOR SHALL FURNISH A COMPLETE CODE COMPLYING SYSTEM. THIS CONTRACTOR SHALL REPORT, IN WRITING, ANY DISCREPANCIES WHICH PREVENT THE INSTALLATION OF WORK AS SHOWN.
3.	IF THIS CONTRACTOR DOES NOT CLEARLY UNDERSTAND THESE PLANS OR IS NOT COMPLETELY SURE OF THEIR MEANING, THIS CONTRACTOR SHOULD OBTAIN THE ENGINEER'S WRITTEN EXPLANATION AND/OR INTERPRETATION PRIOR TO SUBMITTING BIDS, SINCE THIS CONTRACTOR WILL BE HELD RIGIDLY TO THE INTERPRETATION OF THE ENGINEER.
4.	IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO REPAIR THE EXISTING SURFACES TO REMAIN WHERE THEIR WORK HAS BEEN COMPLETED. REPAIR SHALL INCLUDE, BUT NOT LIMITED TO, ANY EXISTING WALL, CEILING OR FLOOR THAT IS SCHEDULED TO REMAIN. REPAIR, PAINTING, AND PATCHING SHALL BE COMPLETED BY AN APPROPRIATE CONTRACTOR QUALIFIED FOR THIS TYPE OF WORK.
5.	IF HAZARDOUS MATERIALS ARE ENCOUNTERED DURING DEMOLITION OPERATIONS, THE CONTRACTOR WILL NOTIFY BUILDING OWNER OF THE HAZARDOUS MATERIAL.
6.	TEMPORARY CONNECTION SHALL BE PROVIDED BY RESPECTIVE PLUMBING CONTRACTOR WHEN EXTENDED INTERRUPTIONS OF SERVICES AND UTILITIES SUCH AS WATER, WASTE AND FIRE PROTECTION WHICH SERVE OTHER AREAS ARE NECESSARY.
7.	COORDINATE WITH MAINTENANCE PERSONNEL AS TO SOURCE OF UTILITIES AND TEMPORARILY DISCONNECT OR SHUT OFF SERVICES OR UTILITIES AT NEAREST MAIN. TEMPORARY AND ACCESSIBLE ISOLATION VALVES SHALL BE INSTALLED CLOSE TO THIS POINT OF WORK.
8.	IT IS ESSENTIAL THAT BUILDING OPERATIONS CONTINUE WITH MINIMAL INTERRUPTIONS. IT IS NECESSARY THAT OPERATION OF EXISTING SYSTEMS BE INTERFERED WITH AS LITTLE DISRUPTION AS POSSIBLE EXCEPT IN AREAS VACATED FOR CONSTRUCTION WORK. WORK WHICH WILL INTERFERE WITH OPERATION OF EXISTING FIRE SUPPRESSION AND PLUMBING SYSTEMS OR WHICH REQUIRE DOWNTIME WILL BE SCHEDULED ONLY AFTER CONSULTATION WITH AND PERMISSION GIVEN BY THE OWNER. ALLOW 10 DAYS PRIOR TO ANTICIPATED INTERRUPTION OF SYSTEMS. WORK MAY BE REQUIRED TO BE PERFORMED OUTSIDE NORMAL WORKING HOURS.
9.	ARCHITECTURAL, TECHNOLOGY, MECHANICAL, AND ELECTRICAL DEMOLITION, AND NEW WORK DRAWINGS AND SPECIFICATIONS SHALL BE READ IN CONJUNCTION WITH THESE DRAWINGS.
10.	ALL PIPING HANGERS AND SUPPORTS SHALL BE REMOVED ALONG WITH PIPING BEING REMOVED.
11.	THE CONTRACTOR SHALL COORDINATE DEMOLITION WORK WITH PROJECT'S PHASING SCHEDULE PRIOR TO COMMENCEMENT OF ANY WORK.
12.	USE CAUTION WHEN SAW-CUTTING THROUGH EXISTING CONCRETE FLOOR OR WALL CONSTRUCTION FOR THE INSTALLATION OF PLUMBING SYSTEMS TO AVOID CUTTING REBAR AT EDGE OF OPENING.
13.	CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REVISIONS, TRANSITIONS, OFFSETS, ETC., TO AVOID DUCTWORK, PIPING, EQUIPMENT OR STRUCTURE NEW OR EXISTING AND TO MAKE A COMPLETE AND FUNCTIONING SYSTEM.
14.	REMOVE ALL PORTIONS OF THE BUILDING (CEILING TILES, WALLS, SPRINKLER HEADS, SPRINKLER HEAD ESCUTCHION, ECT.), AS REQUIRED TO COMPLETE THE SCOPE INDICATED IN THE CONSTRUCTION DOCUMENTS (SEE ARCHITECTURAL, TECHNOLOGY, MECHANICAL, ELECTRICAL AND FIRE PROTECTION DRAWINGS). REPLACE, REINSTALL, OR COORDINATE REINSTALLATION WITH OTHER TRADES FOR ALL ITEMS REMOVED TO ACCOMMODATE THE INSTALLATION/ REMOVALS OF ANY PLUMBING PIPE, FIXTURE, EQUIPMENT, OR OTHER TRADES WORK, USING WORKERS QUALIFIED IN THE APPROPRIATE TRADE. REPLACE CEILING TILES DAMAGED WITH THIS WORK TO MATCH, REPAIR WALLS BACK TO THE ORIGINAL FINISH.

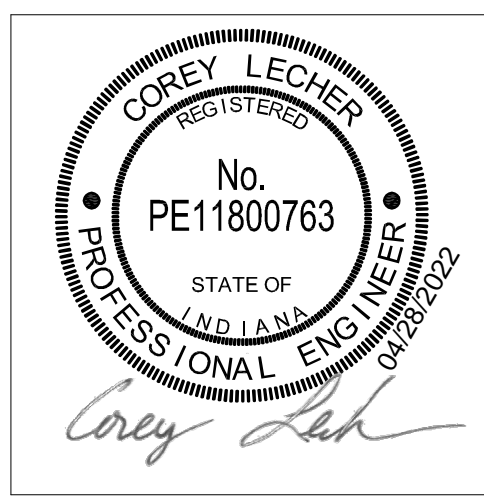
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Revisions:	Date:

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Phone: (210) 816-4784 Fax: (210) 881-6808



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

Drawing Title
PLUMBING FIRST FLOOR OVERALL & ENLARGED PLANS
Approved: Project Director

Phase
100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLED

Project Title
CINCINNATI VAMC EHRM INFRASTRUCTURE UPGRADES
Location
3200 VINE ST. CINCINNATI, OH.
Issue Date
04-MAY-2022
Checked
JDB
Drawn
DDP
Project Number
539-21-701
Building Number
Drawing Number
P-120-C.1.1



1

PLUMBING - BUILDING #1 - OVERALL
SECOND FLOOR PLAN
1/16" = 1'-0"

2
DENTAL ROOM B232 - SECOND FLOOR
PLUMBING PLAN
1/4" = 1'-0"

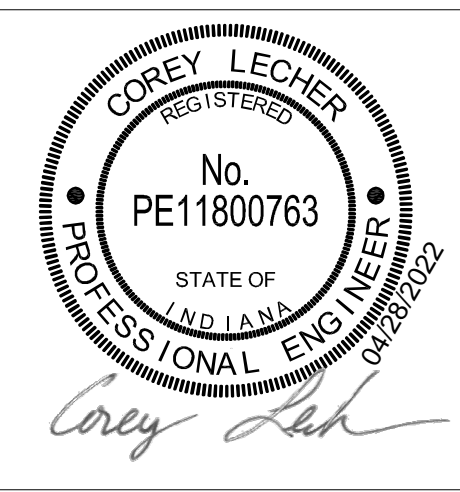
PROVIDE DRIP PAN
WITH WATER SENSOR

4/29/2022 9:02:47 AM

Revisions:	Date:

CONSULTANT
Ross & Baruzzini
6 SOUTH OLD ORCHARD WEBSTER GROVES, MO 63119 P: 314.918.8383 F: 314.918.1766

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

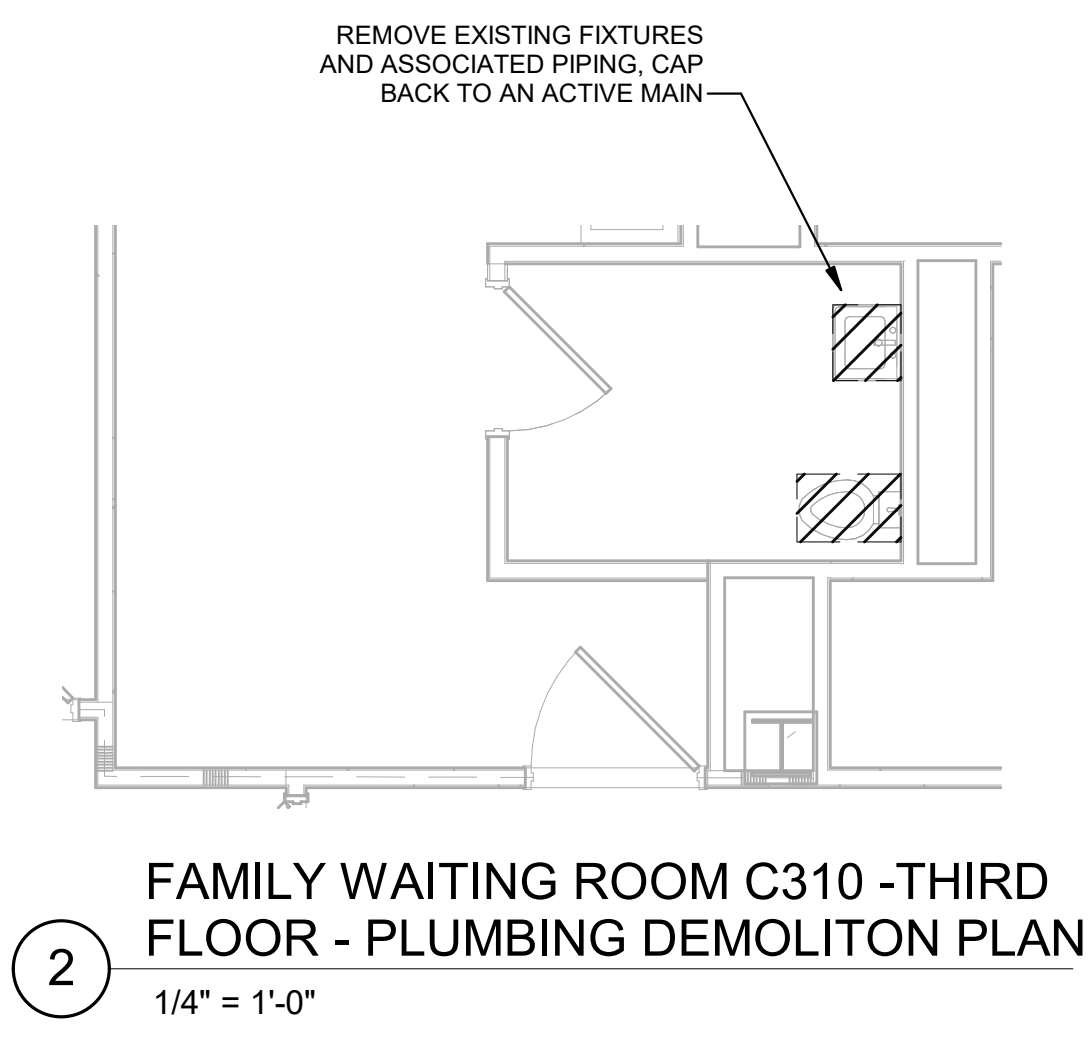
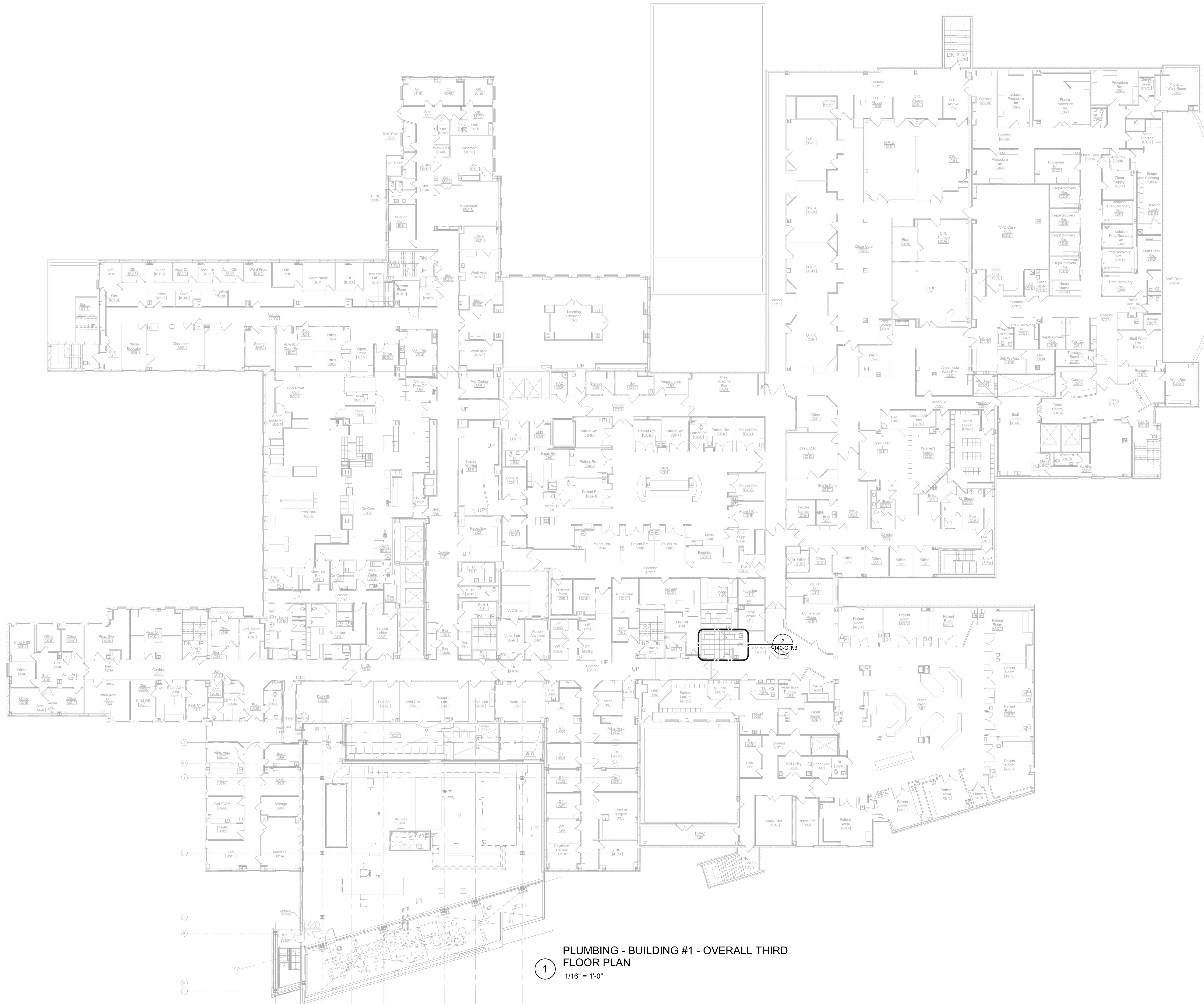
Drawing Title
PLUMBING SECOND FLOOR OVERALL & ENLARGED PLANS
Approved: Project Director

Phase
100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLED

Project Title
CINCINNATI VAMC EHRM INFRASTRUCTURE UPGRADES
Location
3200 VINE ST. CINCINNATI, OH.
Issue Date
04-MAY-2022
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JDB
Drawn
DDP

Project Number
539-21-701
Building Number
Drawing Number
P-130-C.1.2

4/29/2022 9:02:54 AM



1 PLUMBING - BUILDING #1 - OVERALL THIRD FLOOR PLAN
1/16" = 1'-0"

Revisions:	Date:

CONSULTANT

Ross & Baruzzini

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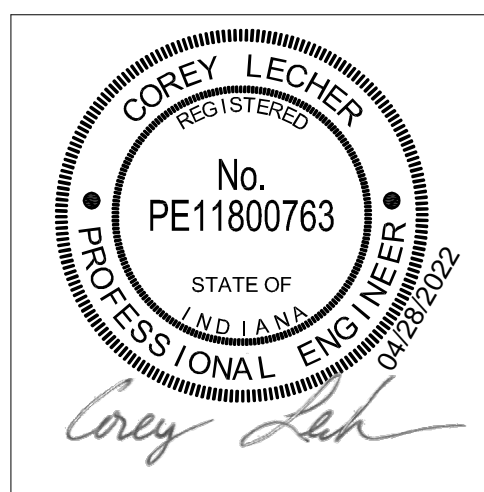
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Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title

PLUMBING THIRD FLOOR OVERALL & ENLARGED PLANS

Approved: Project Director

Phase

100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLED

Project Title

CINCINNATI VAMC EHRM INFRASTRUCTURE UPGRADES

Location
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Issue Date
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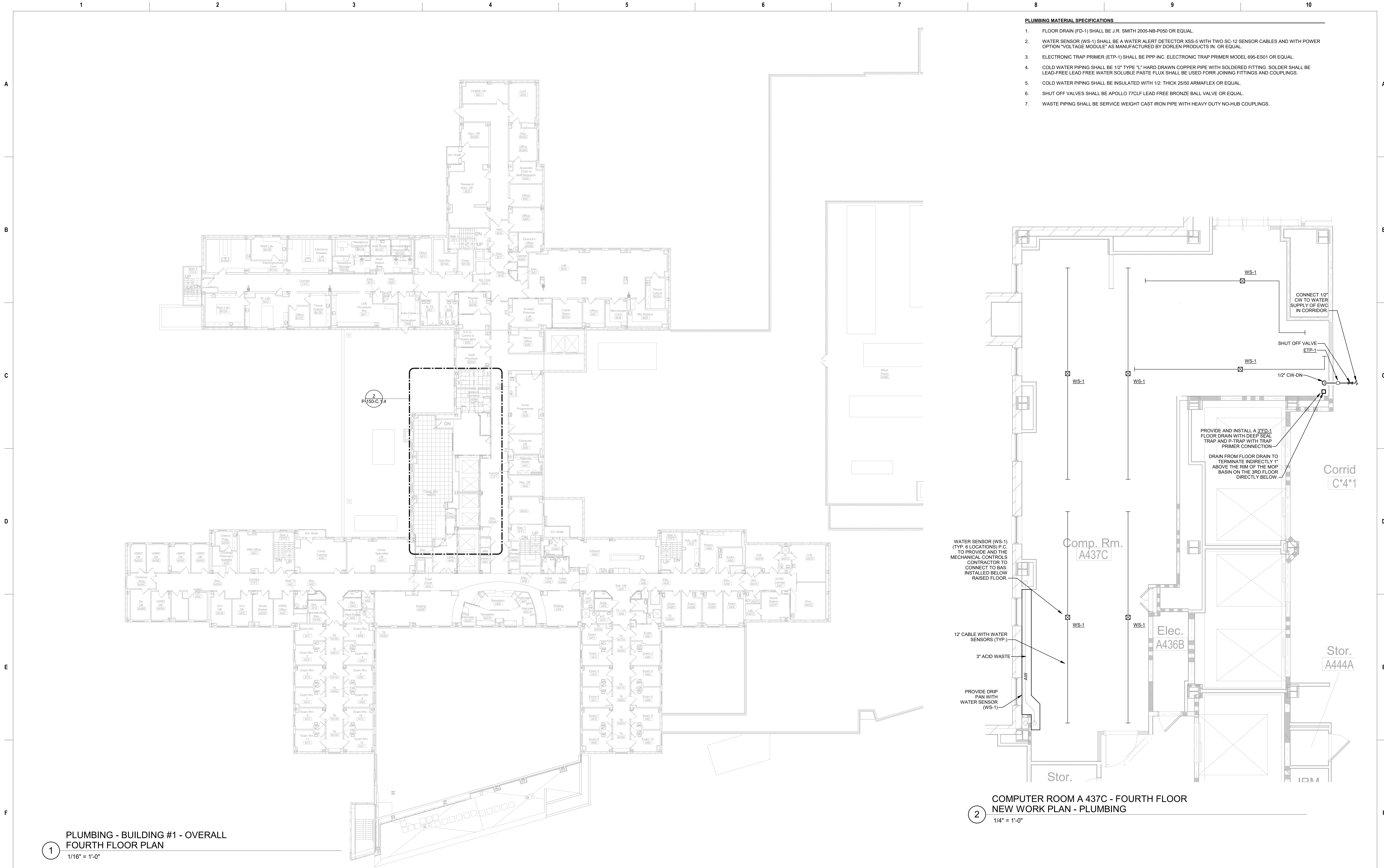
Checked
Approver

Drawn
Author

Project Number
539-21-701

Building Number

Drawing Number
P-140-C.1.3

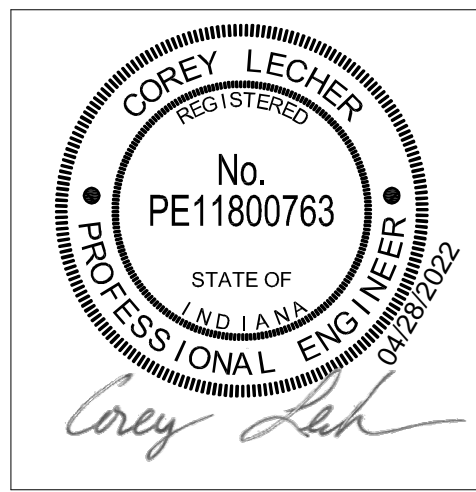


4/29/2022 9:02:56 AM

Revisions:	Date:

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

Drawing Title
PLUMBING FOURTH FLOOR OVERALL & ENLARGED PLANS
Approved: Project Director

Phase
100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLED

Project Title
CINCINNATI VAMC EHRM INFRASTRUCTURE UPGRADES
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Project Number
539-21-701
Building Number
Drawing Number
P-150-C.1.4