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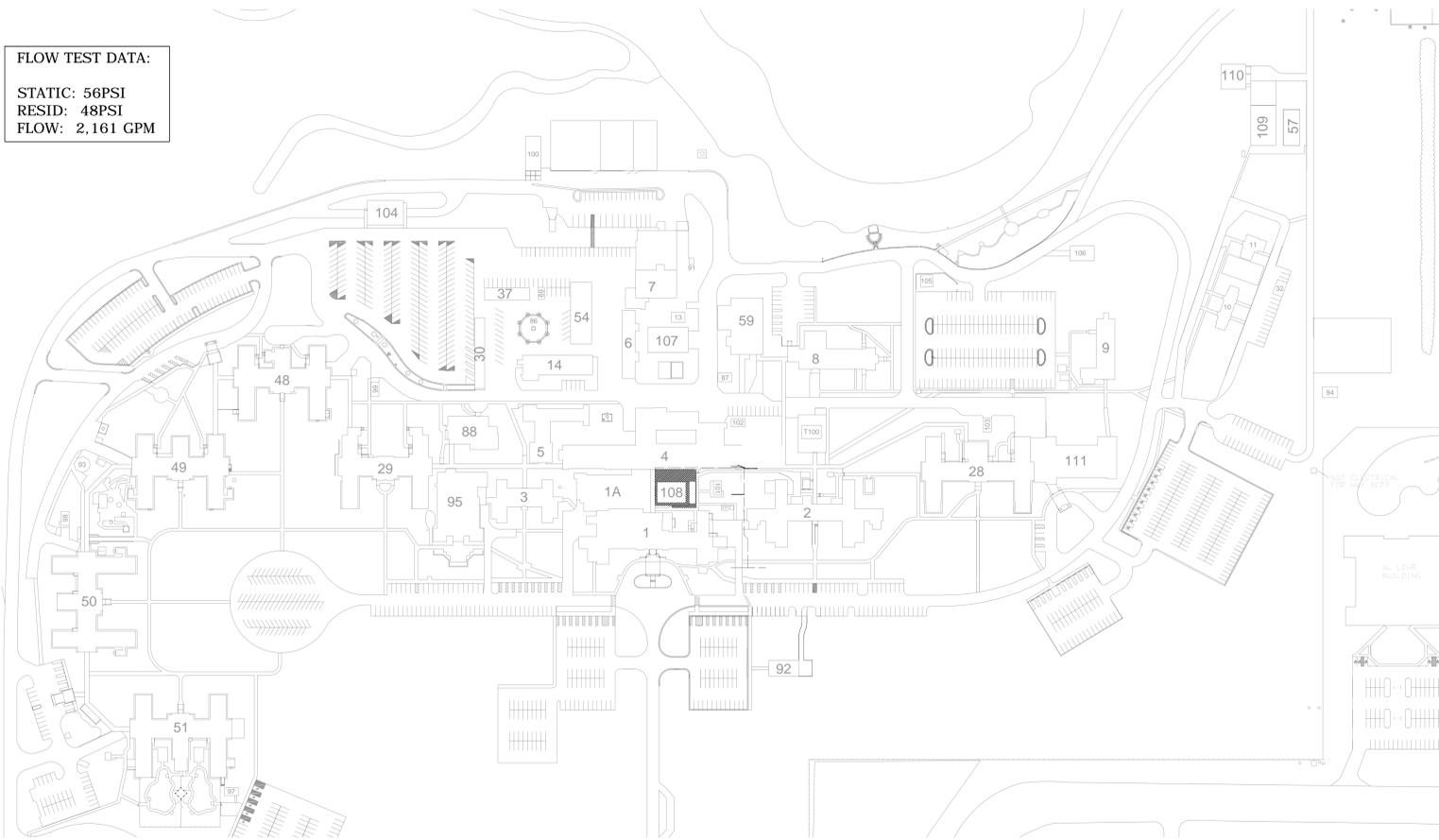
STATIC: 56PSI  
 RESID: 48PSI  
 FLOW: 2,161 GPM

**SHEET LEGEND**

- F001 - SITE PLAN, NOTES AND RISER DETAILS
- F100 - BASEMENT & FIRST FLOOR FIRE PROTECTION PLAN
- F101 - FIRST FLOOR EARLY WARNING SMOKE DETECTION PLAN
- F102 - FIRST FLOOR CLEAN AGENT PLAN & SECTION DETAILS
- F103 - SPOT-TYPE SMOKE DETECTION PLAN
- F104 - BASEMENT & FIRST LEVEL FIRE ALARM PLAN

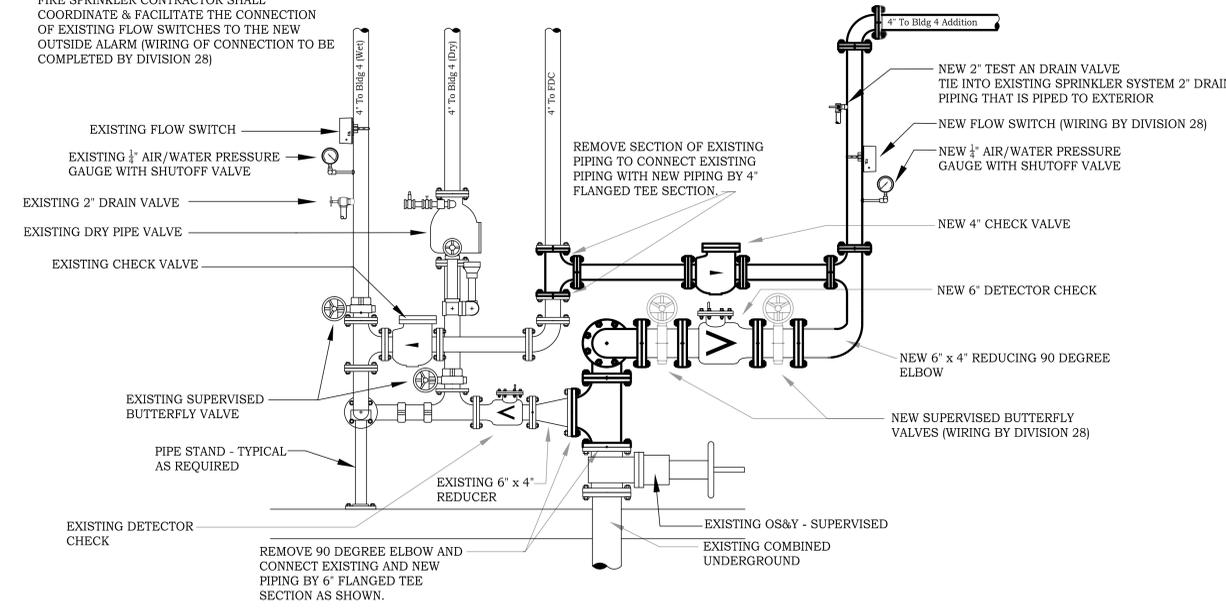
**DIVISION 21 CONSTRUCTION NOTES**

1. THE DIVISION 21 CONSTRUCTION NOTES ON THIS DRAWING ALSO PERTAIN TO THE FIRE PROTECTION WORK INDICATED ON THE ADDITIONAL FIRE PROTECTION DRAWINGS INCLUDED AS PART OF THIS DOCUMENT SET.
2. FIRE PROTECTION CONTRACTOR'S SCOPE OF WORK INCLUDES WORK ON BASEMENT LEVEL AND FIRST LEVEL. PROVIDE NEW FIRE PROTECTION WET SYSTEM BEGINNING AT THE EXISTING VALVE ASSEMBLY LOCATED IN TUNNEL 175. FIRE PROTECTION CONTRACTOR TO PROVIDE CODE COMPLIANT, FULLY FUNCTIONAL FIRE SPRINKLER SYSTEM FOR THE ENTIRETY OF BUILDING 108 WHETHER NOTED OR OTHERWISE. SCOPE OF WORK ALSO INCLUDES PROVIDING FM 200 SYSTEM AND EARLY WARNING AIR SAMPLING SYSTEM TO PROTECT DATA ROOM. SEE SPECIFICATION FOR ADDITIONAL SCOPE OF WORK INFORMATION.
3. THIS IS A BID DOCUMENT AND IS NOT A DESIGN DRAWING. CONFIRMATION OF THE FINAL DESIGN (VIA SHOP DRAWINGS, HYDRAULIC CALCULATIONS, PRODUCT SUBMITTAL, ETC.) IS THE SOLE RESPONSIBILITY OF THE FIRE PROTECTION CONTRACTOR.
4. ALL AREAS ASSUME LIGHT HAZARD SPRINKLER PROTECTION IN ACCORDANCE WITH NFPA 13 (2010) UNLESS NOTED OTHERWISE.
5. EXPOSED SPRINKLER PIPING IS ONLY PERMITTED IN AREAS WITHOUT CEILINGS. FIRE PROTECTION CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE ARCHITECT OF RECORD WHERE APPLICABLE.
6. QUICK RESPONSE FM APPROVED SPRINKLERS ARE REQUIRED IN ALL AREAS UNLESS NOTED OTHERWISE.
7. SPRINKLERS ARE REQUIRED TO BE CENTER OF TILE (+/- 1").
8. FIRE PROTECTION CONTRACTOR IS RESPONSIBLE FOR CONFIRMING FINAL SPRINKLER LOCATIONS, TYPES AND FINISHES IN ALL AREAS WITH THE ARCHITECT OF RECORD.
9. MINIMUM 18" CLEARANCE REQUIRED BETWEEN SPRINKLER DEFLECTOR AND TOP OF STORAGE AND OBSTRUCTIONS IN ALL AREAS.
10. PROVIDE ALL SYSTEM COMPONENTS NECESSARY FOR A COMPLETE INSTALLATION. SYSTEM COMPONENTS SHALL INCLUDE BUT ARE NOT LIMITED TO DISTRIBUTION PIPING, SPRINKLER PIPING, SPRINKLERS, PIPE SUPPORTS, ALARM DEVICES, DRAINS, TEST CONNECTIONS, CONTROL VALVES AND CHECK VALVES.
11. THE FIRE PROTECTION CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH ALL TRADES. PROVIDE ALTERNATE PIPE ROUTING, IF NECESSARY, TO ELIMINATE CONFLICTS.
12. ANY ADDITIONAL SPRINKLERS REQUIRED PER NFPA 13 (2010) TO AVOID OBSTRUCTIONS OR PROVIDE ADEQUATE COVERAGE ABOVE AND BELOW ALL OBSTRUCTIONS IS THE RESPONSIBILITY OF THE FIRE PROTECTION CONTRACTOR. VERIFY ALL LOCATIONS WITH ACTUAL FIELD CONDITIONS.
13. SHOP DRAWINGS SHALL BE APPROVED BY THE OWNER'S DESIGNATED REPRESENTATIVE AND THE CITY OF ST. CLOUD AND STATE OF MN REQUIREMENTS PRIOR TO FABRICATION.
14. ALL COMPONENTS OF THE SPRINKLER SYSTEM SHALL BE IN ACCORDANCE WITH NFPA 13 (2010), NFPA 25 (2008), NFPA 72 (2010), PROJECT SPECIFICATIONS, AND THE CITY OF ST. CLOUD REQUIREMENTS.
15. TESTING OF SPRINKLER PIPING SHALL BE IN ACCORDANCE WITH NFPA 13 (2010) (200 PSI FOR 2 HOURS).
16. TAMPER SWITCHES, FLOW SWITCHES, AND HORN & STROBES ARE PROVIDED AND INSTALLED BY THE FIRE PROTECTION CONTRACTOR AND WIRED BY OTHERS.
17. HANG ALL BRANCH LINE AND MAIN PIPING PER NFPA 13 (2010), CHAPTER 6.
18. HIGH TEMPERATURE AND INTERMEDIATE TEMPERATURE SPRINKLERS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 8.3.2 OF NFPA 13 (2010).
19. LOW POINTS IN THE SPRINKLER SYSTEM SHOULD BE CONNECTED WHERE PRACTICAL. THE AUXILIARY DRAIN VALVE SHALL BE ACCESSIBLE FROM THE FINISHED FLOOR AND PIPED TO FACILITY EXTERIOR. DRAINS SHALL HAVE CONCRETE SPLASH BLOCK OR SIMILAR METHOD TO CONTROL RUNOFF AND EROSION AT THE FACILITY EXTERIOR.
20. CONTRACTOR SHALL INDICATE ON SHOP DRAWINGS ALL PIPE SUPPORTS AND LOCATIONS IN ACCORDANCE WITH NFPA 13 (2010).
21. UNLESS NOTED OTHERWISE, ALL AREAS INCLUDE A WET SPRINKLER SYSTEM. TEMPERATURE MAINTAINED GREATER THAN OR EQUAL TO 40 DEGREES FAHRENHEIT AT ALL TIMES, AT THE RESPONSIBILITY OF THE OWNER.
22. STEEL SPRINKLER PIPE REQUIRED IN ALL AREAS. SEE SPECIFICATIONS FOR REQUIREMENTS.
23. ALL PENETRATIONS AT FIRE WALLS, FIRE BARRIERS AND SMOKE BARRIERS (OR OTHER RATED ASSEMBLIES) REQUIRED TO BE SEALED IN ACCORDANCE WITH MINNESOTA STATE BUILDING CODE (MSBC) OR OTHER APPROVED MEANS COORDINATE WITH ARCHITECTURAL DRAWINGS FOR LOCATIONS OF APPLICABLE WALLS.
24. FIRE PROTECTION CONTRACTOR TO VERIFY THE ACCURACY OF THE BUILDING PLANS AND SPECIFICATIONS WITH THE DESIGN TEAM AND ACTUAL FIELD CONDITIONS, PRIOR TO BID. MODIFICATIONS REQUIRED TO THE BUILDING PLANS AND SPECIFICATIONS SHALL BE IDENTIFIED AND DISCUSSED WITH THE DESIGN TEAM. REQUIRED CLARIFICATIONS SHALL BE MADE BY ADDENDA.

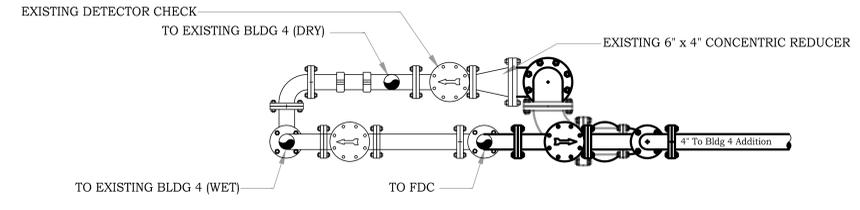


**1 SITE PLAN**  
 SCALE: NOT TO SCALE

FIRE SPRINKLER CONTRACTOR SHALL COORDINATE & FACILITATE THE CONNECTION OF EXISTING FLOW SWITCHES TO THE NEW OUTSIDE ALARM (WIRING OF CONNECTION TO BE COMPLETED BY DIVISION 28)



**2 VALVE ASSEMBLY DETAIL - NORTH ELEVATION**  
 SCALE: NOT TO SCALE



**3 VALVE ASSEMBLY DETAIL - PLAN VIEW**  
 SCALE: NOT TO SCALE

**CONSTRUCTION DOCUMENTS 100%**

NO	REVISION	DATE



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 CHRISTOPHER LEAVER REG. NO. 4011  
 DATE: 04.01.15

DRAWING TITLE  
**SITE PLAN, NOTES AND RISER DETAILS**

PROJECT TITLE  
**CONSTRUCT NEW IT CENTER FOR HEALTH CARE TECHNOLOGY MANAGEMENT EXPANSION**

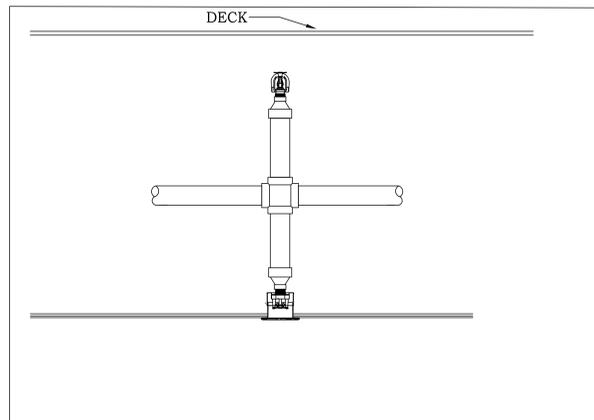
DATE: 04.01.15  
 PROJECT NO: 656-14-246  
 BUILDING NO: 108  
 LOCATION: ST. CLOUD VA HCS, ST. CLOUD, MN 56303

**St. Cloud VA Health Care System**  
 Brainerd | Montevideo | Alexandria

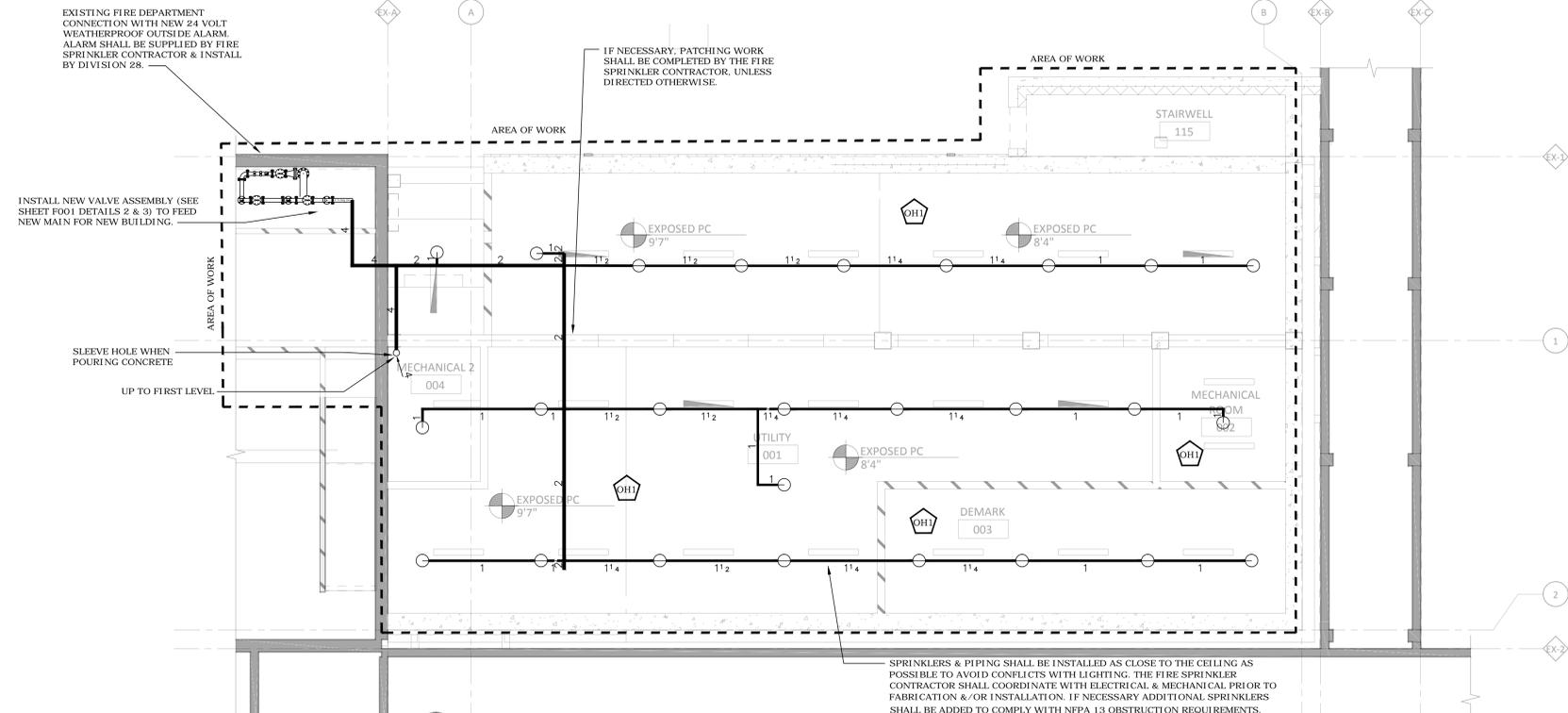
three inches = one foot  
 one and one half inches = one foot  
 one inch = one foot  
 one inch = one foot  
 three quarters inch = one foot  
 one half inch = one foot  
 one quarter inch = one foot  
 one eighth inch = one foot  
 one eighth inch = one foot

SPRINKLER LEGEND	
	UPRIGHT
	CONCEALED PENDENT
	UPRIGHT & CONCEALED PENDENT HEAD
	NEW PIPE MAIN
	NEW BRANCH LINE PIPE

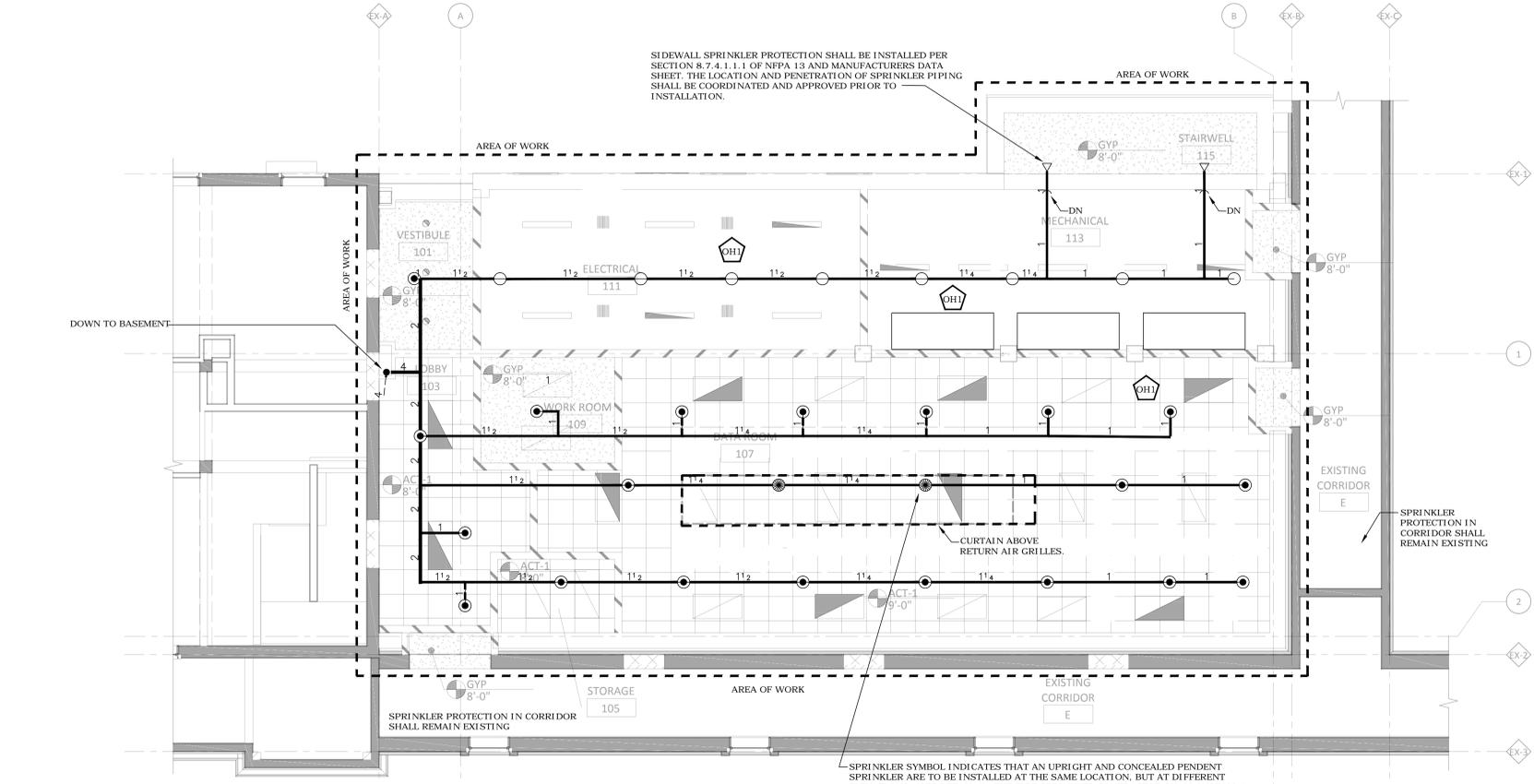
HAZARD SYMBOLS	
	LIGHT HAZARD *Rooms Without Designation shall be Considered Light Hazard
	ORDINARY HAZARD GROUP 1
	ORDINARY HAZARD GROUP 2



3 ARM OVER ASSEMBLY - MULTIPLE SPRINKLERS  
 SCALE: NOT TO SCALE



1 BASEMENT FIRE PROTECTION PLAN  
 SCALE: 3/16" = 1'-0"



2 FIRST FLOOR FIRE PROTECTION PLAN  
 SCALE: 3/16" = 1'-0"

NO.	REVISION	DATE



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DRAWING TITLE:  
**BASEMENT & FIRST FLOOR FIRE PROTECTION PLAN**

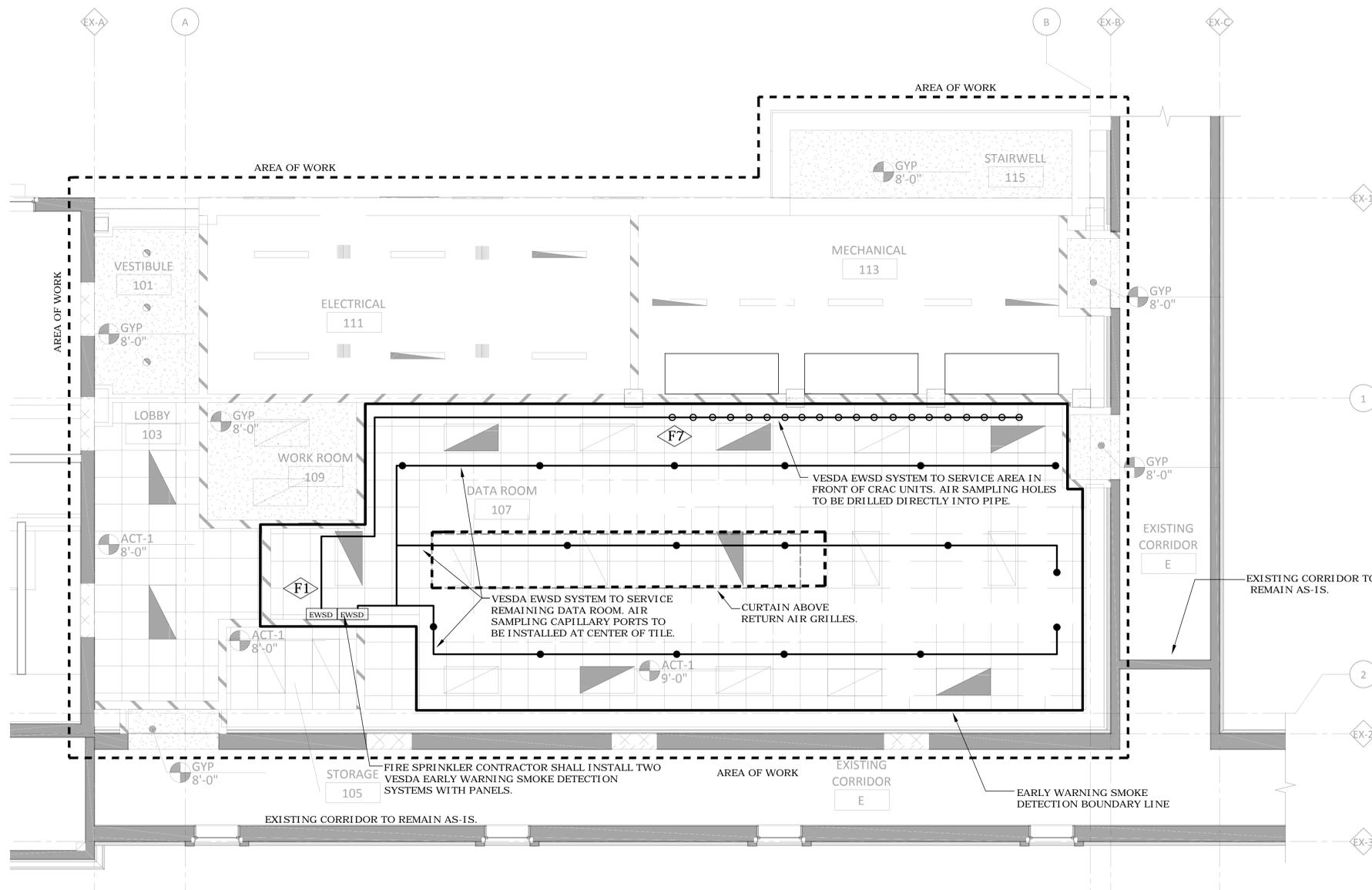
PROJECT TITLE:  
**CONSTRUCT NEW IT CENTER FOR HEALTH CARE TECHNOLOGY MANAGEMENT EXPANSION**

BUILDING NO. 108  
 CHECKED BY CL  
 DRAWN BY RV  
 DATE: 04.01.15  
 REG. NO. 4011



**CONSTRUCTION DOCUMENTS 100%**

three inches = one foot  
 one and one half inches = one foot  
 one inch = one foot  
 three quarters inch = one foot  
 three quarters inch = one foot  
 one half inch = one foot  
 one half inch = one foot  
 three eighths inch = one foot  
 one quarter inch = one foot  
 one eighth inch = one foot



1 FIRST FLOOR EARLY WARNING SMOKE DETECTION PLAN  
 SCALE: 1/4" = 1'-0"

FIRE PROTECTION KEY NOTES	
F1	PROVIDE VESDA EARLY WARNING SMOKE DETECTION CONTROL PANEL (LASERPLUS). THIS DETECTOR MONITORS THE CEILING EARLY WARNING SAMPLING PORTS. PANEL MOUNTED ON WALL WITH TOP OF PANEL AT 6'-0" A.F.F.
F2	PROVIDE NEW ADDRESSABLE CLEAN AGENT CONTROL PANEL. TO BE UL CROSS-LISTED WITH CYLINDER SOLENOIDS. TOP OF CONTROL PANEL TO BE LOCATED AT 6'-0" A.F.F.
F3	PROVIDE SMOKE DETECTORS AT CEILING AND BELOW RAISED FLOOR FOR CLEAN AGENT SUPPRESSION SYSTEM. SMOKE DETECTORS TO BE SPACED AT A MAXIMUM OF 250 SQUARE FEET.
F4	PROVIDE CLEAN AGENT NOTIFICATION DEVICES.
F5	PROVIDE CLEAN AGENT MANUAL RELEASE STATION, ABORT STATION AND MAINTENANCE BY-PASS KEY SWITCH MOUNTED BELOW CONTROL PANEL.
F6	PROVIDE A DETAILED, DIMENSIONED AND SCALED ELEVATION DRAWING IN SHOP DRAWINGS INDICATING CONTROL PANEL, SWITCHES, DEVICES, EARLY WARNING SMOKE DETECTOR, BATTERY CABINETS AND ALARM ANNUNCIATION DEVICES AT THIS LOCATION FOR REVIEW.
F7	PROVIDE AIR SAMPLING HOLES DRILLED DIRECTLY INTO VESDA EARLY WARNING SMOKE DETECTION PIPE. SPACING AND NUMBER OF AIR SAMPLING HOLES SHALL BE DETERMINED BY THE CONTRACTOR AND AS REQUIRED BY MANUFACTURER.
F8	CLEAN AGENT REMOTE DISPLAY/CONTROL PANEL
F9	WIRE SPOT DETECTORS BACK TO FIRE SUPPRESSION CONTROL PANEL AS A SUB-SYSTEM TO THE BUILDING FIRE ALARM SYSTEM.

- FIRE PROTECTION NOTES**
- A. PROVIDE SIGNAGE AT CONTROL PANELS, EACH ALARM ANNUNCIATION DEVICE, MANUAL RELEASE STATIONS, ABORT SWITCHES AND MAINTENANCE BY-PASS SWITCHES. SEE SPECIFICATIONS.
  - B. PROVIDE ALARM MONITORING CONTACTS FOR EACH DETECTOR FOR INTERFACE BUILDING AUTOMATION SYSTEM (BAS) AND BUILDING FIRE ALARM (BFA).
  - C. CONTRACTOR TO PROVIDE TRAINING SESSION (MINIMUM 4 HOURS THAT INCLUDES VIDEO/AUDIO).

FIRE PROTECTION LEGEND	
	VESDA EARLY WARNING SMOKE DETECTOR (EWSD) PANEL
	VESDA EWSD NOZZLE PORT (CAPILLARY)
	AIR SAMPLING HOLE
	AIR SAMPLING PIPE

**CONSTRUCTION DOCUMENTS 100%**

NO	REVISION	DATE



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**DRAWING TITLE**  
 FIRST FLOOR EARLY WARNING SMOKE DETECTION PLAN

**PROJECT TITLE**  
 CONSTRUCT NEW IT CENTER FOR HEALTH CARE TECHNOLOGY MANAGEMENT EXPANSION

**DATE**  
 04.01.15

**PROJECT NO.**  
 656-14-246

**DRAWING NO.**  
 F101



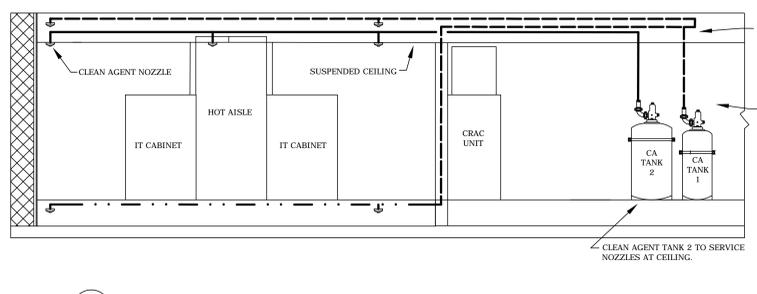
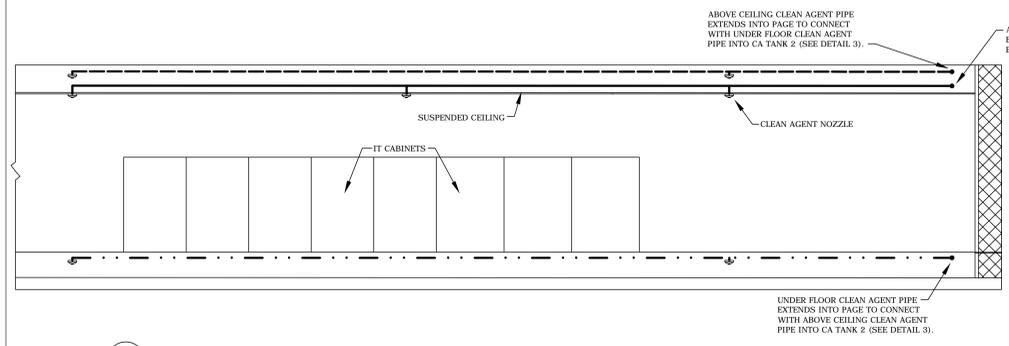
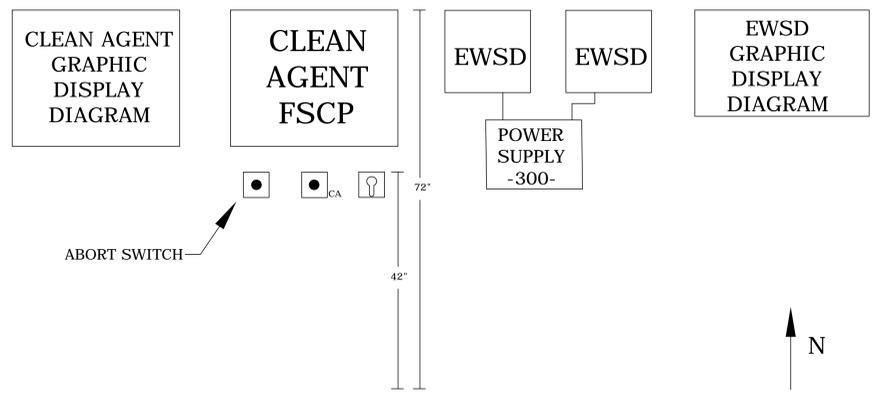
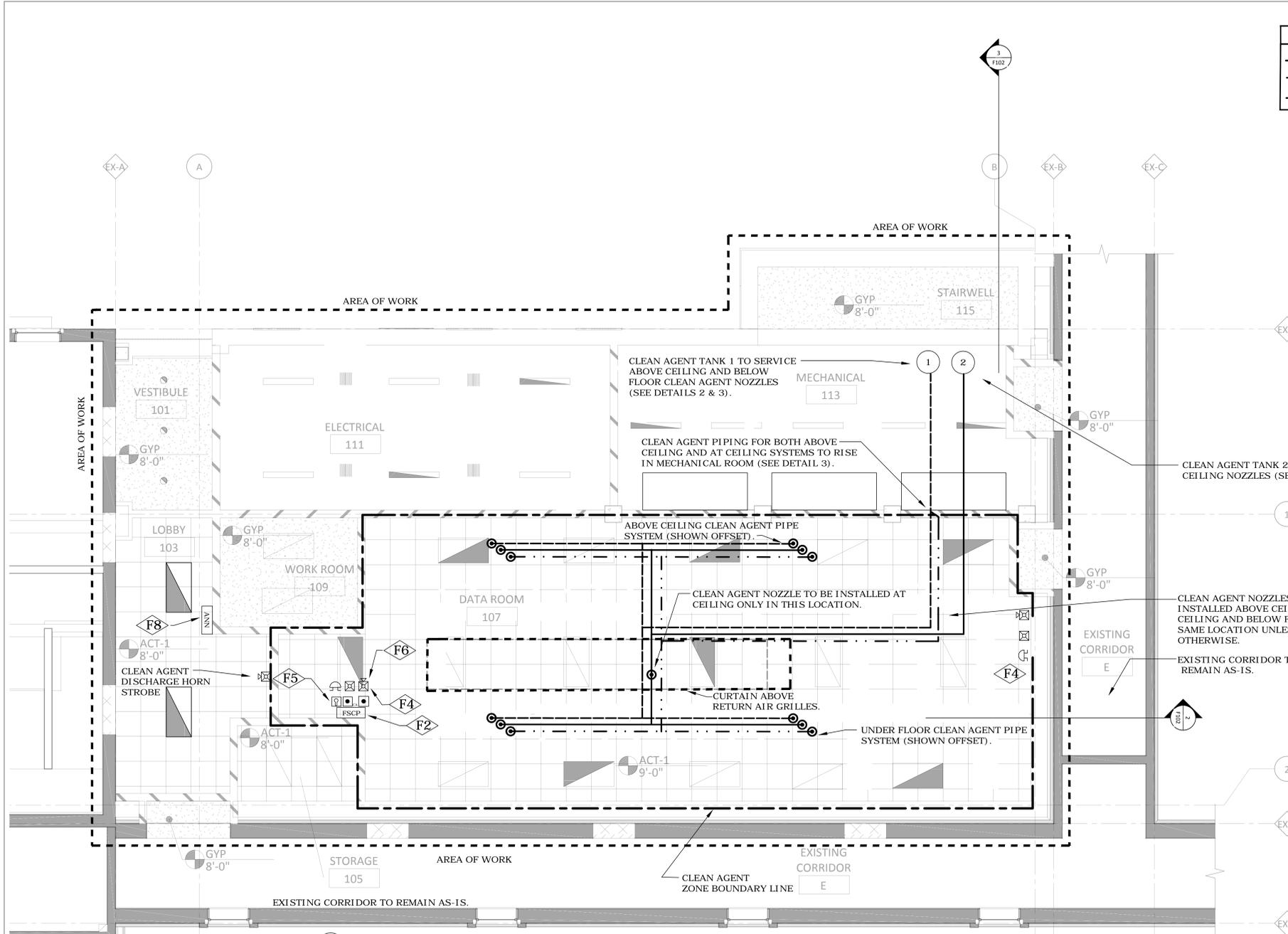
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 one eighth inch = one foot  
 one sixteenth inch = one foot

PIPE LEGEND	
	MAIN ROOM CLEAN AGENT PIPE
	UNDER FLOOR CLEAN AGENT PIPE
	ABOVE CEILING CLEAN AGENT PIPE

FIRE PROTECTION KEY NOTES	
F1	PROVIDE VESDA EARLY WARNING SMOKE DETECTION CONTROL PANEL (LASERPLUS). THIS DETECTOR MONITORS THE CEILING EARLY WARNING SAMPLING PORTS. PANEL MOUNTED ON WALL WITH TOP OF PANEL AT 6'-0" A.F.F.
F2	PROVIDE NEW ADDRESSABLE CLEAN AGENT CONTROL PANEL. TO BE UL CROSS-LISTED WITH CYLINDER SOLENOIDS. TOP OF CONTROL PANEL TO BE LOCATED AT 6'-0" A.F.F.
F3	PROVIDE SMOKE DETECTORS AT CEILING AND BELOW RAISED FLOOR FOR CLEAN AGENT SUPPRESSION SYSTEM. SMOKE DETECTORS TO BE SPACED AT A MAXIMUM OF 250 SQUARE FEET.
F4	PROVIDE CLEAN AGENT NOTIFICATION DEVICES.
F5	PROVIDE CLEAN AGENT MANUAL RELEASE STATION. ABORT STATION AND MAINTENANCE BY-PASS KEY SWITCH MOUNTED BELOW CONTROL PANEL.
F6	PROVIDE A DETAILED, DIMENSIONED AND SCALED ELEVATION DRAWING IN SHOP DRAWINGS INDICATING CONTROL PANEL, SWITCHES, DEVICES, EARLY WARNING SMOKE DETECTOR, BATTERY CABINETS AND ALARM ANNUNCIATION DEVICES AT THIS LOCATION FOR REVIEW.
F7	PROVIDE AIR SAMPLING HOLES DRILLED DIRECTLY INTO VESDA EARLY WARNING SMOKE DETECTION PIPE. SPACING AND NUMBER OF AIR SAMPLING HOLES SHALL BE DETERMINED BY THE CONTRACTOR AND AS REQUIRED BY MANUFACTURER.
F8	CLEAN AGENT REMOTE DISPLAY/CONTROL PANEL
F9	WIRE SPOT DETECTORS BACK TO FIRE SUPPRESSION CONTROL PANEL AS A SUB-SYSTEM TO THE BUILDING FIRE ALARM SYSTEM.

FIRE PROTECTION NOTES	
A.	PROVIDE SIGNAGE AT CONTROL PANELS. EACH ALARM ANNUNCIATION DEVICE, MANUAL RELEASE STATIONS, ABORT SWITCHES AND MAINTENANCE BY-PASS SWITCHES. SEE SPECIFICATIONS.
B.	PROVIDE ALARM MONITORING CONTACTS FOR EACH DETECTOR FOR INTERFACE BUILDING AUTOMATION SYSTEM (BAS) AND BUILDING FIRE ALARM (BFA).
C.	CONTRACTOR TO PROVIDE TRAINING SESSION (MINIMUM 4 HOURS THAT INCLUDES VIDEO/AUDIO).

FIRE PROTECTION LEGEND	
	FIRE SUPPRESSION CONTROL PANEL (FSCP)
	REMOTE DISPLAY
	ABORT SWITCH
	ALARM HORN & RED STROBE
	AMBER STROBE
	ALARM BELL
	MANUAL PULL STATION
	BYPASS KEY SWITCH



4 PANELS AND ANNUNCIATION DEVICES SCALE: NOT TO SCALE

# CONSTRUCTION DOCUMENTS 100%

**SUMMIT FIRE CONSULTING**  
 CODES, FIRE, LIFE SAFETY

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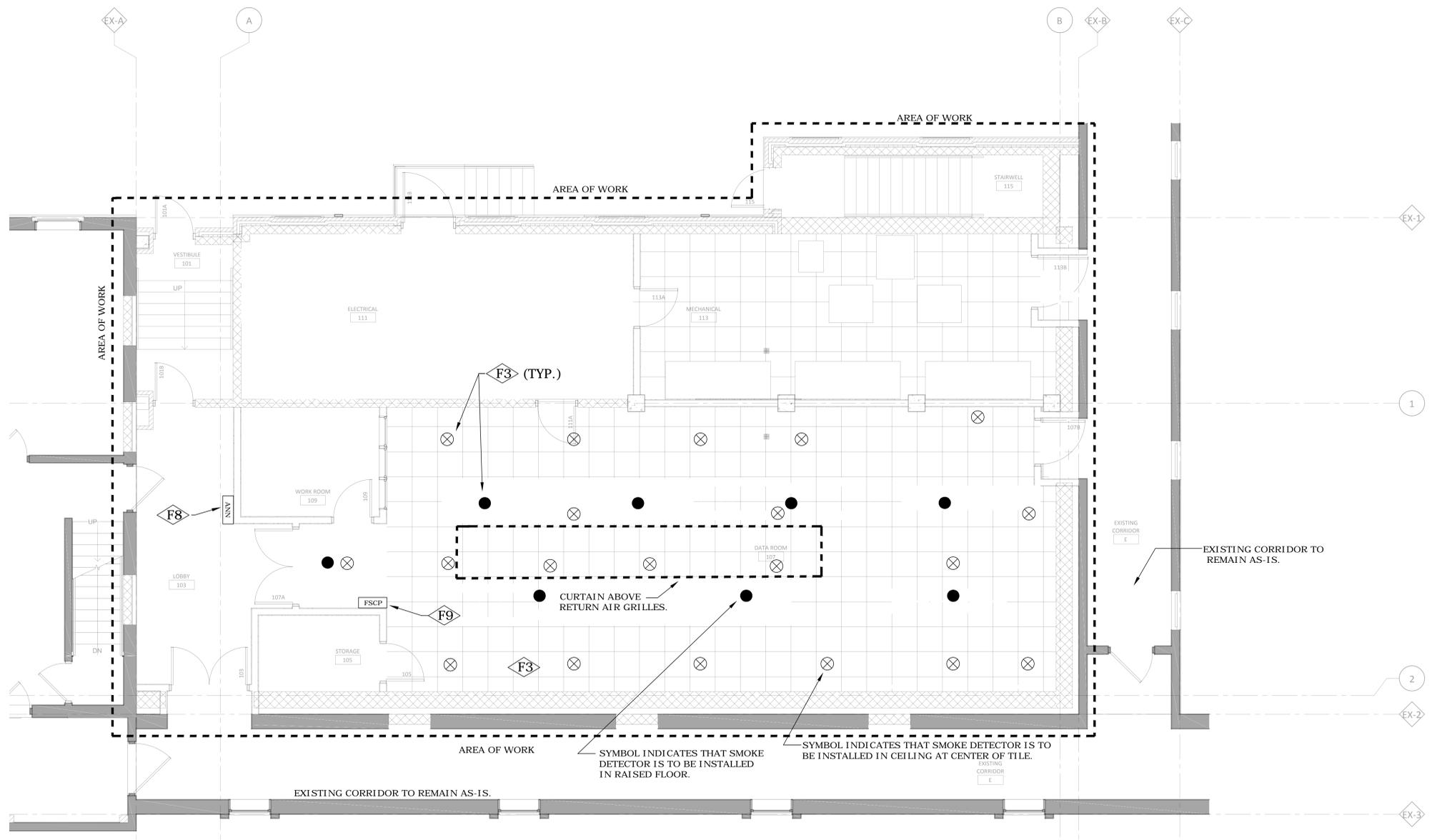
DATE: 04.01.15  
 REG. NO. 4011  
 CHRISTOPHER LEAVER

DRAWING TITLE: FIRST FLOOR CLEAN AGENT PLAN & SECTION DETAILS

PROJECT TITLE: CONSTRUCT NEW IT CENTER FOR HEALTH CARE TECHNOLOGY MANAGEMENT EXPANSION  
 DATE: 04.01.15  
 PROJECT NO: 656-14-246  
 BUILDING NO: 108  
 LOCATION: ST. CLOUD VA MCS ST. CLOUD, MN 56303

**St. Cloud VA Health Care System**  
 Brainerd | Montevideo | Alexandria

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 one quarter inch = one foot  
 one eighth inch = one foot



1 SPOT-TYPE SMOKE DETECTION PLAN  
 SCALE: 1/4" = 1'-0"

FIRE PROTECTION KEY NOTES	
F1	PROVIDE VESDA EARLY WARNING SMOKE DETECTION CONTROL PANEL (LASERPLUS). THIS DETECTOR MONITORS THE CEILING EARLY WARNING SAMPLING PORTS. PANEL MOUNTED ON WALL WITH TOP OF PANEL AT 6'-0" A.F.F.
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- FIRE PROTECTION NOTES**
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  - B. PROVIDE ALARM MONITORING CONTACTS FOR EACH DETECTOR FOR INTERFACE BUILDING AUTOMATION SYSTEM (BAS) AND BUILDING FIRE ALARM (BFA).

FIRE PROTECTION LEGEND	
⊗	SMOKE DETECTOR AT CEILING
●	SMOKE DETECTOR IN RAISED FLOOR
FSCP	FIRE SUPPRESSION CONTROL PANEL (FSCP)
ANN	REMOTE DISPLAY

No	REVISION	DATE



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 CHRISTOPHER LEAVER REG. NO. 4011  
 DATE: 04.01.15

DRAWING TITLE  
 SPOT-TYPE SMOKE DETECTION PLAN

PROJECT TITLE  
 CONSTRUCT NEW IT CENTER FOR HEALTH CARE TECHNOLOGY MANAGEMENT EXPANSION

DATE: 04.01.15  
 PLAN SCALE: AS NOTED  
 PROJECT NO: 656-14-246

BUILDING NO: 108  
 CHECKED BY: CL  
 DRAWN BY: RV

LOCATION:  
 ST. CLOUD VA HCS  
 ST. CLOUD, MN 56303

DRAWING NO:  
 F103



**CONSTRUCTION DOCUMENTS 100%**

three eighths inch = one foot  
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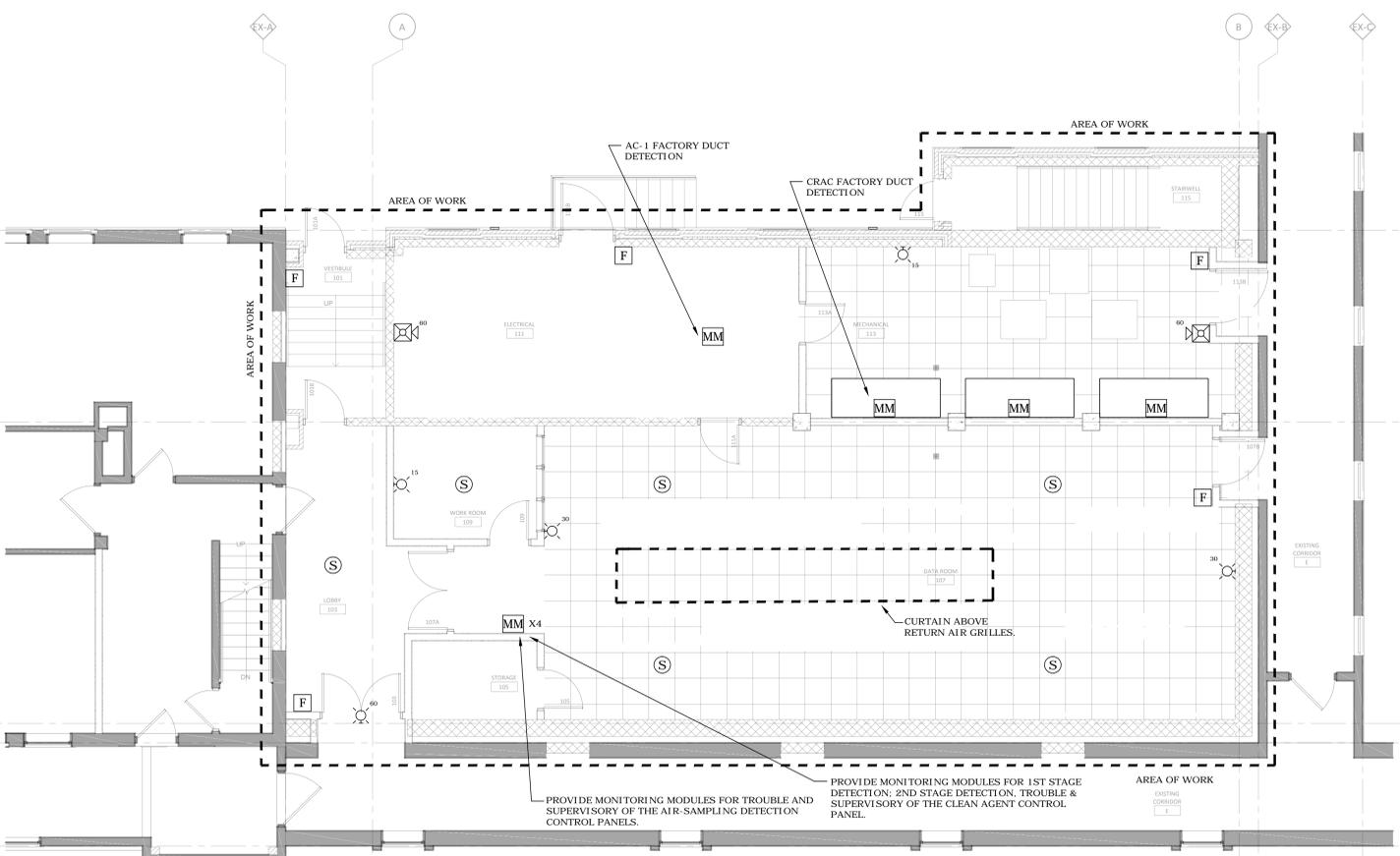
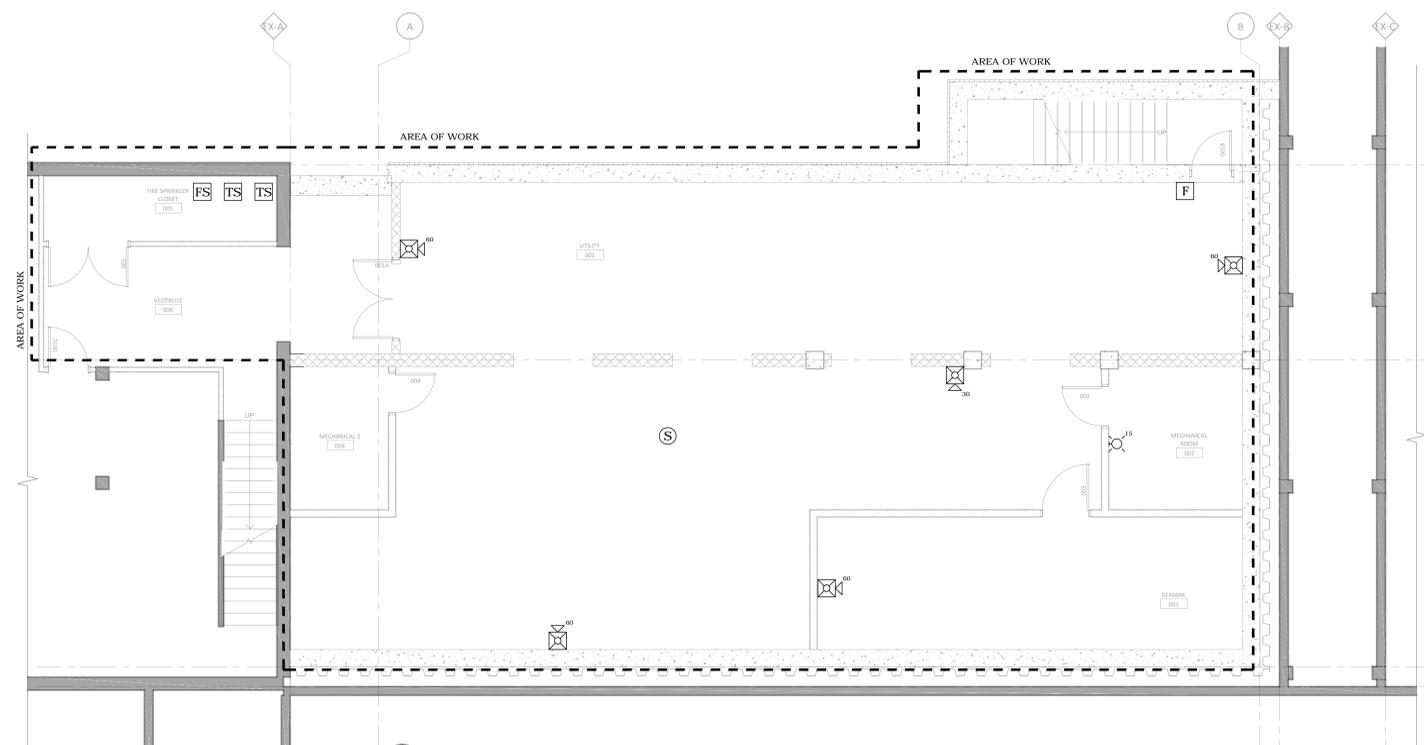
- ### SHEET NOTES
- ALL DEVICES SHOWN ON THIS SHEET ARE NEW EQUIPMENT TO BE CONNECTED TO THE EXISTING BUILDING FIRE ALARM SYSTEM.
  - ALL NEW FIRE ALARM DEVICES MUST BE COMPATIBLE AND THE SAME MANUFACTURER AS THE EXISTING BUILDING FIRE ALARM SYSTEM.
  - CONTRACTOR REQUIRED TO PROVIDE ALL NECESSARY EQUIPMENT TO PROVIDE A FULLY FUNCTIONAL SYSTEM EVEN IF NOT SHOWN ON DRAWINGS, INCLUDING BUT NOT LIMITED TO EXPANSION MODULES, POWER SUPPLIES, RELAYS, ETC.

### FIRE ALARM INDICATING DEVICE LEGEND

	WALL MOUNTED STROBE LIGHT - SUPERScript INDICATES DESIGN INTENSITY
	COMBINATION SPEAKER & STROBE - SUPERScript INDICATES DESIGN INTENSITY
	SPEAKER - CEILING MOUNTED
	FIRE ALARM MANUAL PULL STATION
	TAMPER SWITCH
	FLOW SWITCH
	ADDRESSABLE MONITORING MODULE

### BUILDING 4 FIRE ALARM CONTROL PANEL

ACTION AT BUILDING FIRE ALARM CONTROL PANEL	ANNUNCIATE ON BUILDING 4 FIRE ALARM PANEL	ANNUNCIATE ON BUILDING 4 REMOTE ANNUNCIATOR PANEL	BROADCAST GENERAL EVACUATION TONE - BUILDING 4 SPEAKERS	ACTIVATE BUILDING 4 STROBES	CLOSE BUILDING 4 SMOKE DOORS ON ALL LEVELS	RECALL ELEVATOR - DESIGNATED LEVEL	RECALL ELEVATOR - ALTERNATE LEVEL	START ELEVATOR TRAVEL TIMER (WHERE APPLICABLE)	SHUTDOWN ELEVATOR POWER	ACTIVATE ELEVATOR IN - CAR NOTIFICATION	SHUTDOWN ASSOCIATED AIR HANDLER	ACTION AT BUILDING 7 MAIN FIRE ALARM CONTROL PANEL	ANNUNCIATE ON BUILDING 7 MAIN FIRE ALARM CONTROL PANEL ANNUNCIATOR	ANNUNCIATE ON BUILDING 7 NETWORK PRINTER	ANNUNCIATE ON BUILDING 7 NETWORK GRAPHIC CONTROL STATION	ANNUNCIATE ON BUILDING 1/1A MAIN FIRE ALARM CONTROL PANEL ANNUNCIATOR and BUILDING 1/1A REMOTE ANNUNCIATOR PANEL	ACTIVATE PAGER SYSTEM OUTPUT	ACTIVATE BUILDING 7 NETWORK ALARM NOTIFICATION APPLIANCE	ACTIVATE BUILDING 7 DACT ALARM DACT OUTPUT	ACTIVATE BUILDING 7 DACT SUPERVISORY OUTPUT	ACTIVATE BUILDING 7 DACT TROUBLE DACT OUTPUT
<b>EVENT</b>																					
BUILDING 4 WATERFLOW SWITCH ACTIVATION	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BUILDING 4 MANUAL PULL STATION ACTIVATION	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BUILDING 4 SMOKE DETECTOR ACTIVATION	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BUILDING 4 HEAT DETECTOR ACTIVATION	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BUILDING 4 KITCHEN HOOD EXTINGUISHING SYSTEM ACTIVATION	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BUILDING 4 ELEVATOR E03 BASEMENT LOBBY SMOKE DETECTOR ACTIVATION	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BUILDING 4 ELEVATOR E03 FIRST FLOOR LOBBY SMOKE DETECTOR ACTIVATION	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BUILDING 4 ELEVATOR E03 SECOND FLOOR LOBBY SMOKE DETECTOR ACTIVATION	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BUILDING 4 ELEVATOR MACHINE ROOM SMOKE DETECTOR ACTIVATION	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BUILDING 4 ELEVATOR MACHINE ROOM HEAT DETECTOR ACTIVATION	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BUILDING 4 DUCT SMOKE DETECTOR ACTIVATION	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BUILDING 4 VALVE TAMPER SWITCH ACTIVATION	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BUILDING 4 SUPERVISORY AIR PRESSURE SWITCH ACTIVATION	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BUILDING 4 ELEVATOR SHUNT POWER SUPERVISION	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BUILDING 4 PANEL OR CIRCUIT TROUBLE CONDITION	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BUILDING 4 CLEAN AGENT 1ST STAGE SMOKE DETECTOR (SUPERVISORY)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BUILDING 4 CLEAN AGENT 2ND STAGE SMOKE DETECTOR (ALARM)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BUILDING 4 CLEAN AGENT ALARM	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BUILDING 4 CLEAN AGENT CONTROL PANEL TROUBLE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BUILDING 4 CLEAN AGENT CONTROL PANEL SUPERVISORY	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BUILDING 4 AIR SAMPLING CONTROL PANEL TROUBLE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
BUILDING 4 AIR SAMPLING CONTROL PANEL SUPERVISORY	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



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 DATE: 04.01.15

DRAWING TITLE  
 BASEMENT & FIRST LEVEL  
 FIRE ALARM PLAN

PROJECT TITLE  
 CONSTRUCT NEW IT CENTER  
 FOR HEALTH CARE  
 TECHNOLOGY MANAGEMENT  
 EXPANSION



**CONSTRUCTION DOCUMENTS 100%**

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