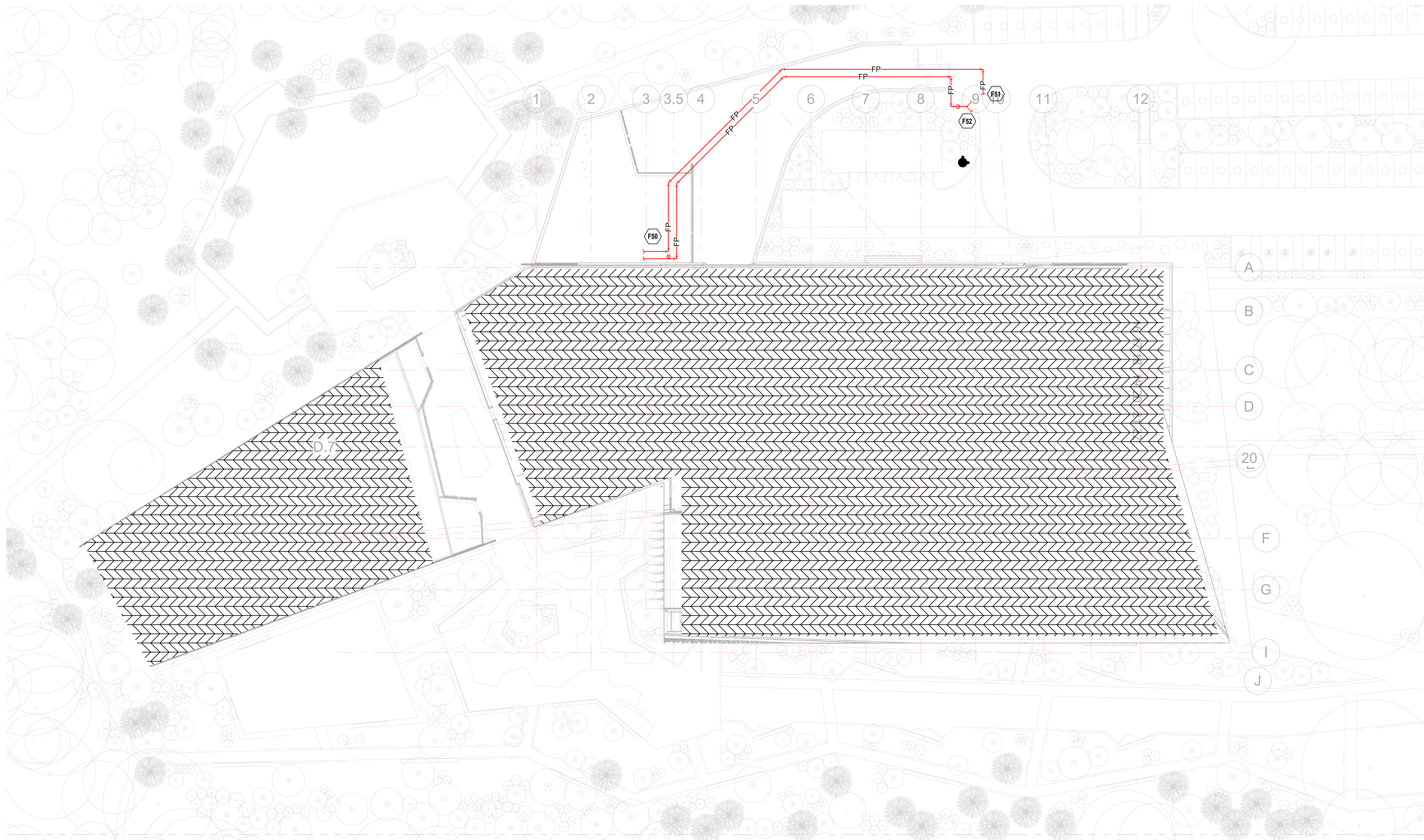
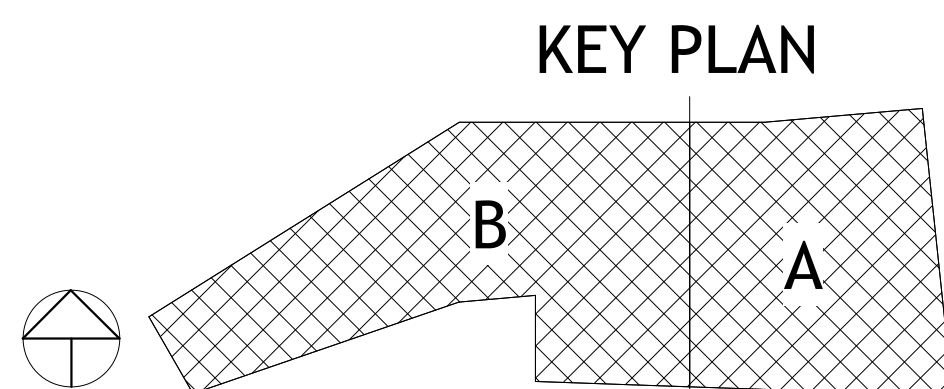
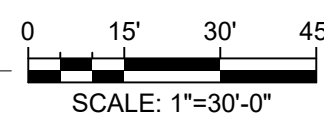



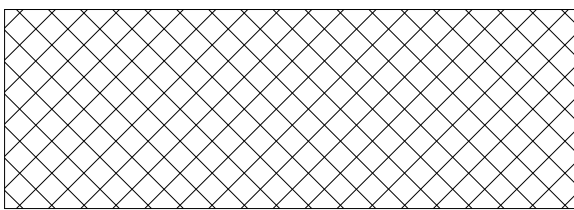
○ FIRE PROTECTION PLAN NOTES:
F80 INCOMING 8" FIRE LINE. SEE CIVIL FOR CONTINUATION.
F81 SITE FIRE LINE. REFER TO CIVIL FOR CONTINUATION.
F82 FIRE DEPARTMENT CONNECTION. REFER TO
SPECIFICATIONS FOR ADDITIONAL INFORMATION.

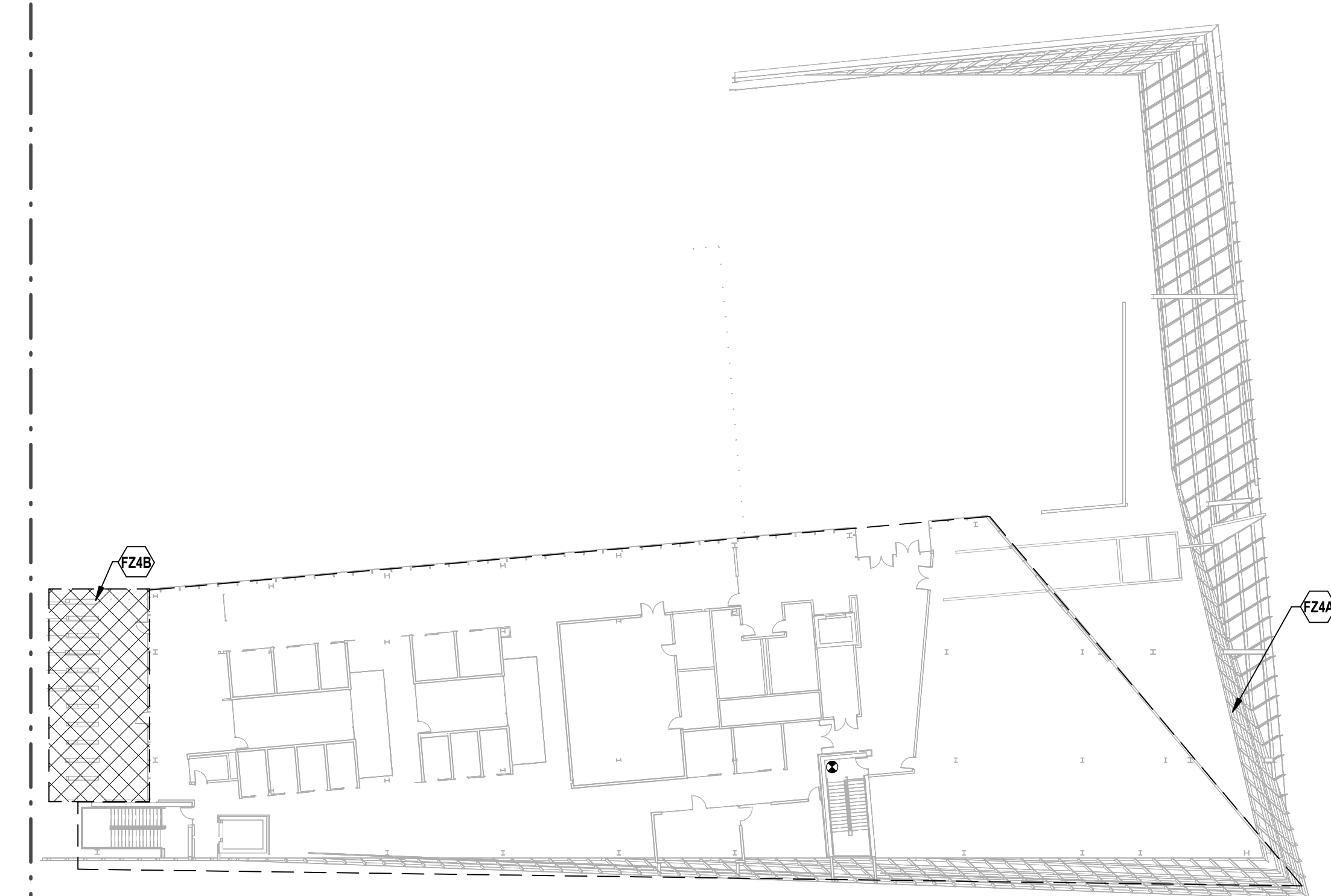


① FIRE PROTECTION SITE PLAN
1" = 30'-0"

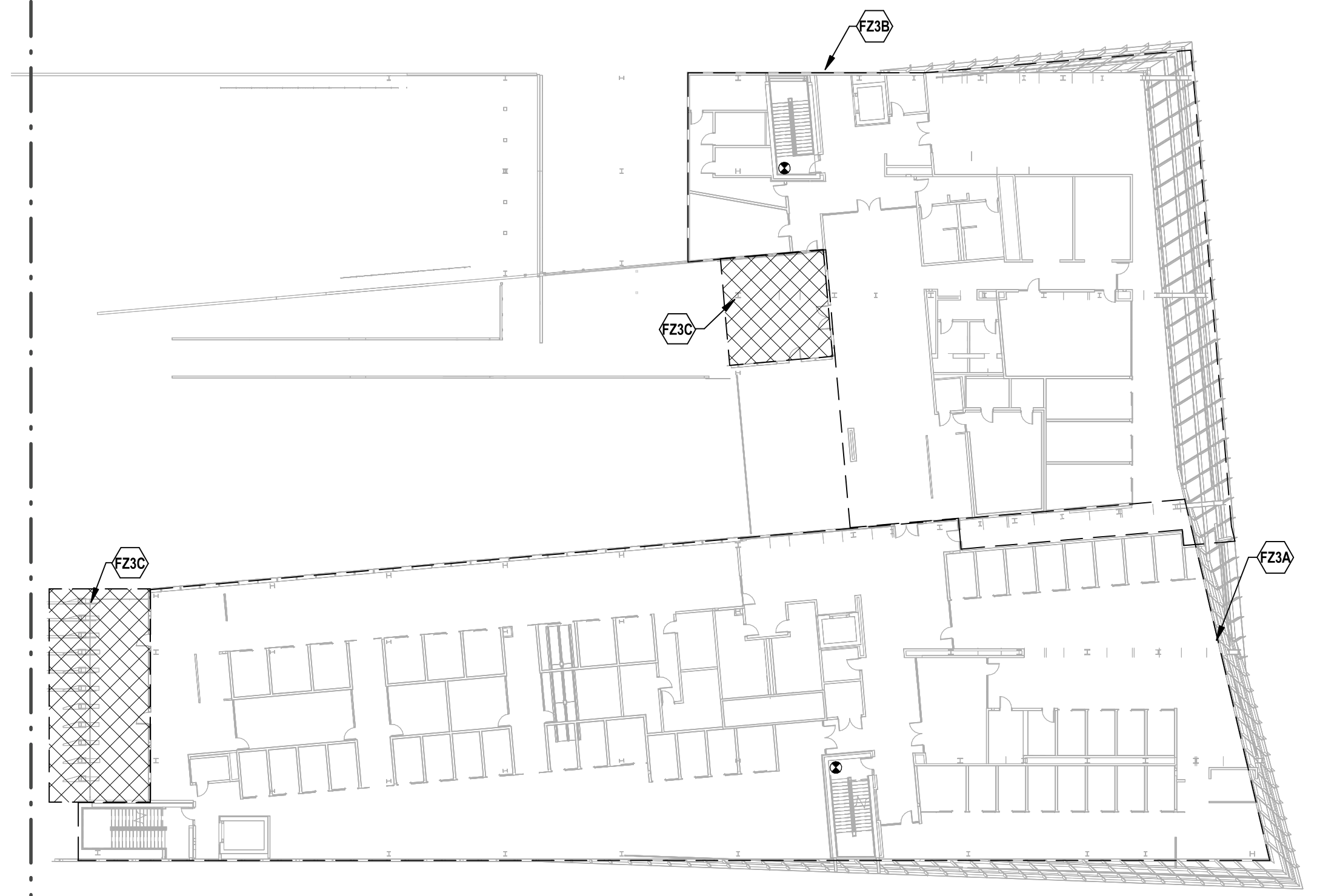


FIRE PROTECTION PLAN NOTES:
F72 SPRINKLER PROTECTION CRITERIA IN THE PARKING GARAGE SHALL BE PROTECTED BY A MINIMUM OF ORDINARY HAZARD GROUP II (0.20 GPM/S.F. OVER 1,500 S.F.). DRY PIPE SYSTEM AREA INCREASE SHALL APPLY.

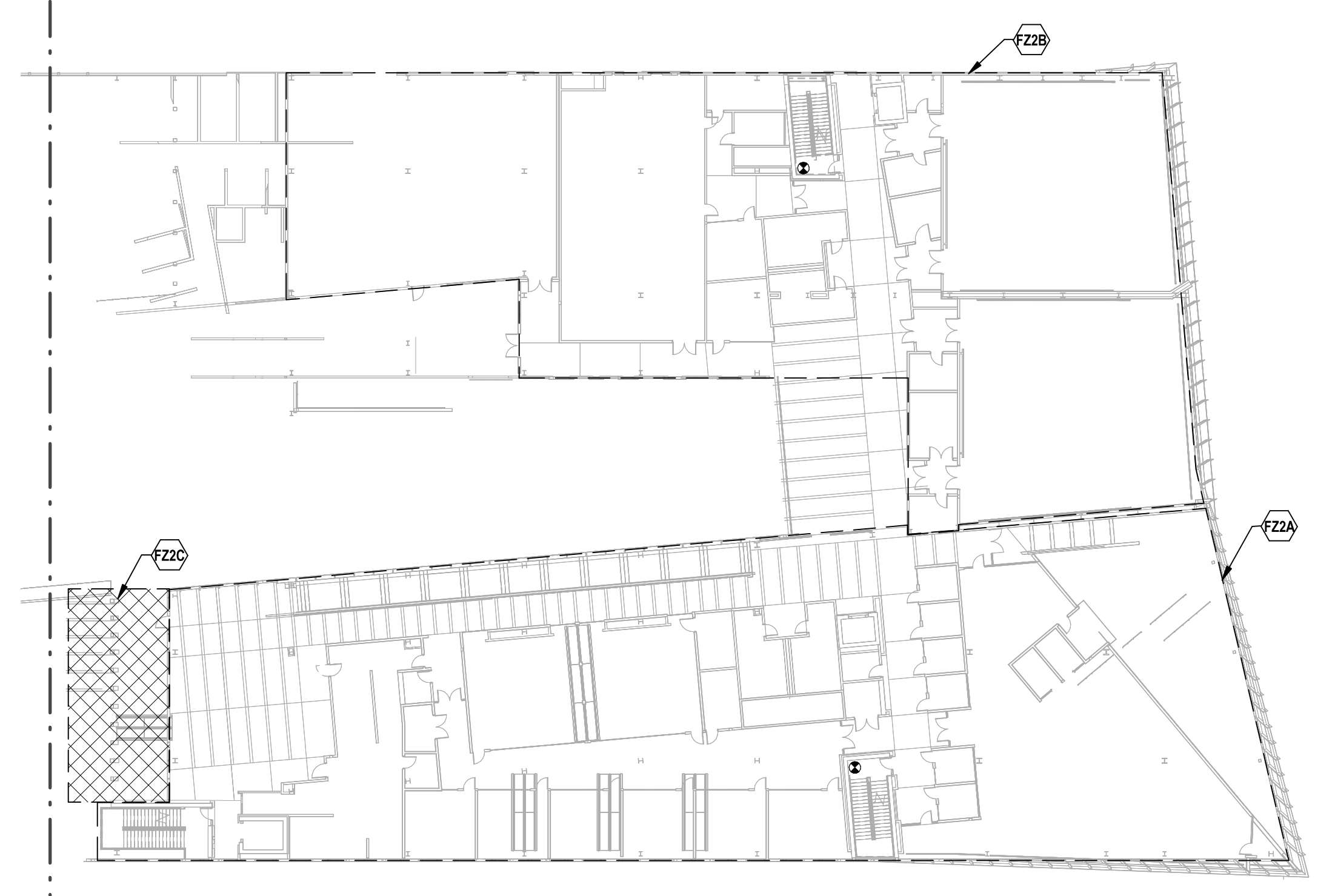
FIRE SPRINKLER ZONE SCHEDULE			
	SPRINKLER ZONE		
	INDICATES AREA PROTECTED WITH SPECIALTY SYSTEM		
SPRINKLER ZONE	AREA(S) / LEVEL SERVED	SIZE	TYPE
ZONE #0A (FZ0A)	LEVEL 0, SYSTEM A	22,100 S.F.	DRY
ZONE #0B (FZ0B)	LEVEL 0, SYSTEM B	22,500 S.F.	DRY
ZONE #0C (FZ0C)	LEVEL 0, SYSTEM C	24,500 S.F.	DRY
ZONE #1A (FZ1A)	LEVEL 1, SYSTEM A	24,400 S.F.	WET
ZONE #1B (FZ1B)	LEVEL 1, SYSTEM B	35,800 S.F.	WET
ZONE #1C (FZ1C)	LEVEL 1, SYSTEM C	2400 S.F.	ANTIFREEZE
ZONE #1D (FZ1D)	LEVEL 1, SYSTEM D	8,300 S.F.	PREACTION
ZONE #1E (FZ1E)	LEVEL 1, SYSTEM E	3,400 S.F.	PREACTION
ZONE #1F (FZ1F)	LEVEL 1, SYSTEM F	5,650 S.F.	ANTIFREEZE
ZONE #2A (FZ2A)	LEVEL 2, SYSTEM A	22,900 S.F.	WET
ZONE #2B (FZ2B)	LEVEL 2, SYSTEM B	19,400 S.F.	WET
ZONE #2C (FZ2C)	LEVEL 2, SYSTEM C	1,430 S.F.	WET (HEAT TRACE)
ZONE #3A (FZ3A)	LEVEL 3, SYSTEM A	23,100 S.F.	WET
ZONE #3B (FZ3B)	LEVEL 3, SYSTEM B	13,600 S.F.	WET
ZONE #3C (FZ3C)	LEVEL 3, SYSTEM C	2,160 S.F.	WET (HEAT TRACE)
ZONE #4A (FZ4A)	LEVEL 4, SYSTEM A	22,400 S.F.	WET
ZONE #4B (FZ4B)	LEVEL 4, SYSTEM B	1,430 S.F.	WET (HEAT TRACE)



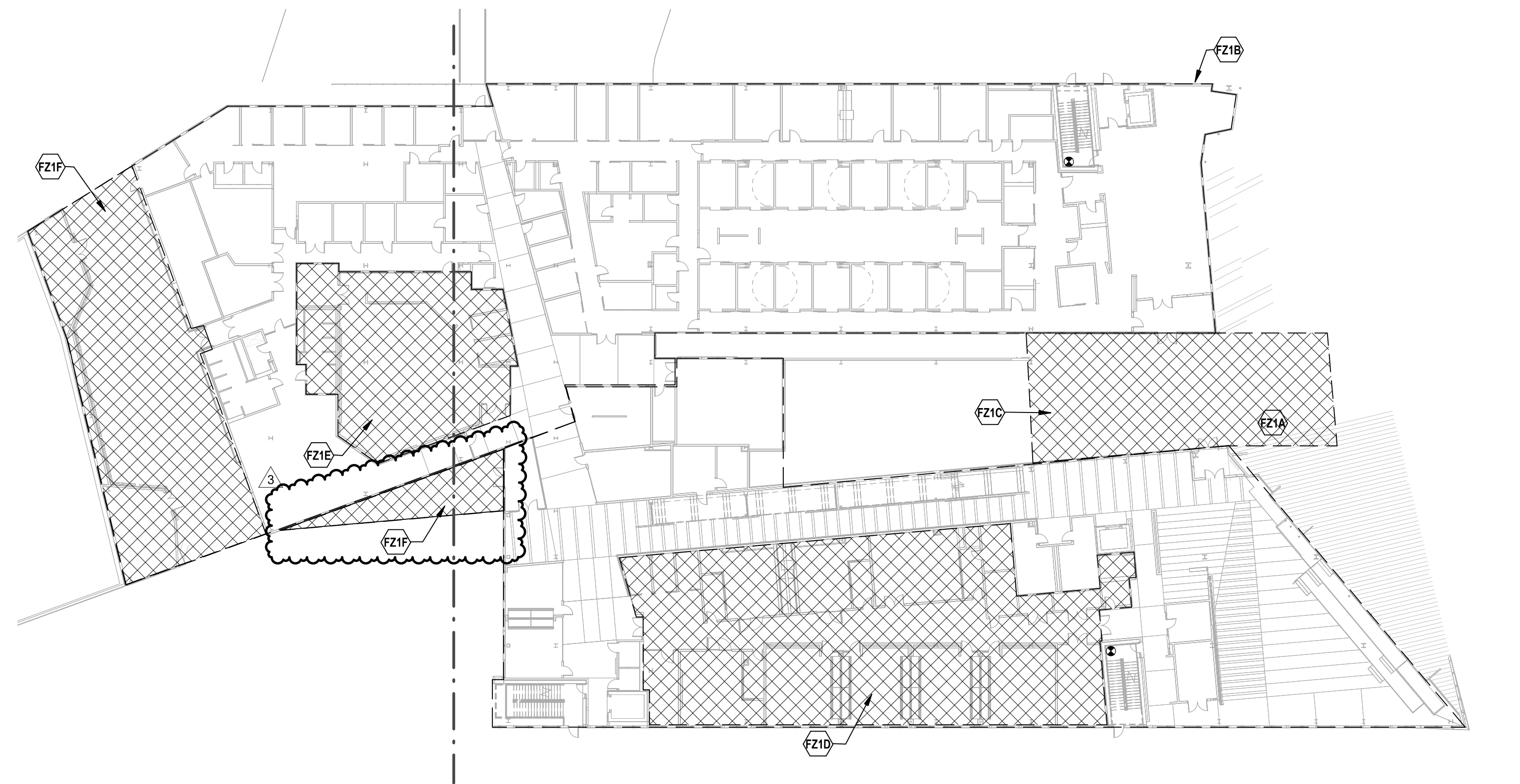
5 FIRE SPRINKLER - LEVEL 4 ZONE PLAN
1" = 30'-0"



4 FIRE SPRINKLER - LEVEL 3 ZONE PLAN
1" = 30'-0"



3 FIRE SPRINKLER - LEVEL 2 ZONE PLAN
1" = 30'-0"



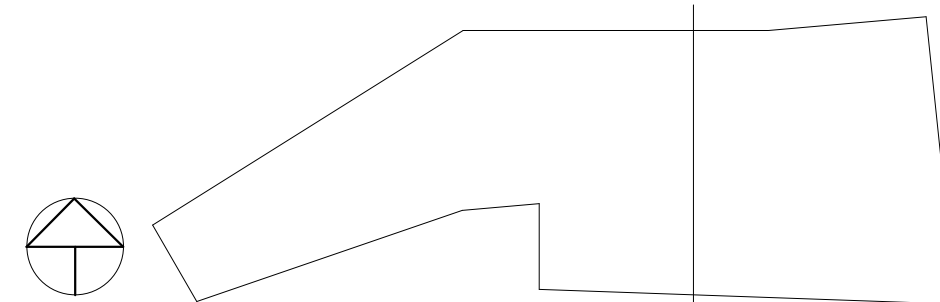
2 FIRE SPRINKLER - LEVEL 1 ZONE PLAN
1" = 30'-0"



1 FIRE SPRINKLER - LEVEL 0 ZONE PLAN
1" = 30'-0"

0 15' 30' 45'
SCALE: 1"=30'-0"

KEY PLAN



Contents:
FIRE
PROTECTION
SYSTEM ZONE
PLANS

THIS PAGE IS BEST
VIEWED IN COLOR

FP100.2

PSW Job Number:
993A

Henderson Job Number:
2150002607



05/21/2024

AWSOM
Bentonville, AR

Issue Date:
02.24.2023

REVISIONS		
NUMBER	DATE	DESCRIPTION
1	01.10.23	Addendum 1
2	06.09.23	Addendum 2
3	05.21.24	Revise

FIRE ALARM SCOPE OF WORK NOTES:

1. FIRE ALARM SCOPE OF WORK IS TO PROVIDE A COMPLETE, IN-BUILDING MASS NOTIFICATION FIRE ALARM SYSTEM.
2. ALL CEILING MOUNTED FIRE ALARM APPLIANCES AND DEVICES SHALL BE INSTALLED IN A SYMMETRICAL PATTERN AND ALIGNED WITH LIGHTS AND OTHER CEILING EQUIPMENT WHERE CODE PERMITS.
3. WHERE CEILING MOUNTED FIRE ALARM EQUIPMENT ARE SHOWN IN WOOD CEILINGS, CONTRACTOR SHALL COORDINATE FINAL LOCATIONS AND APPLIANCE COLOR WITH ARCHITECT.
4. WHERE CEILING MOUNTED SPEAKERS ARE SHOWN IN AREAS OPEN TO STRUCTURE, SPEAKERS SHALL BE LOCATED 18" ABOVE THE NEAREST CEILING ELEVATION.

FIRE SPRINKLER SCOPE OF WORK NOTES:

1. FIRE SPRINKLER SCOPE OF WORK IS TO PROVIDE A COMPLETE, AUTOMATIC SPRINKLER SYSTEM THROUGHOUT THE BUILDING.
2. SPRINKLER PROTECTION WITH FREEZE PROTECTION SHALL BE PROVIDED FOR ALL EXTERIOR BUILDING PROJECTIONS AND EXTERIOR OCCUPIED BALCONIES OR DECKS.
3. SPRINKLER SYSTEM CONTAINS A COMBINATION OF WET, DRY, AND PREACTION SPRINKLER SYSTEMS. ANTIFREEZE SOLUTION PROVIDED IN SELECT WET SYSTEMS.
4. ALL DRY-PIPE AND PREACTION SPRINKLER SYSTEMS SHALL BE FILLED WITH NITROGEN.
5. HEAT TRACE IS TO BE PROVIDED ON ANY WET DISTRIBUTION MAINS ROUTED THROUGH UNHEATED SPACES.

FIRE SPRINKLER SCOPE OF WORK NOTES:

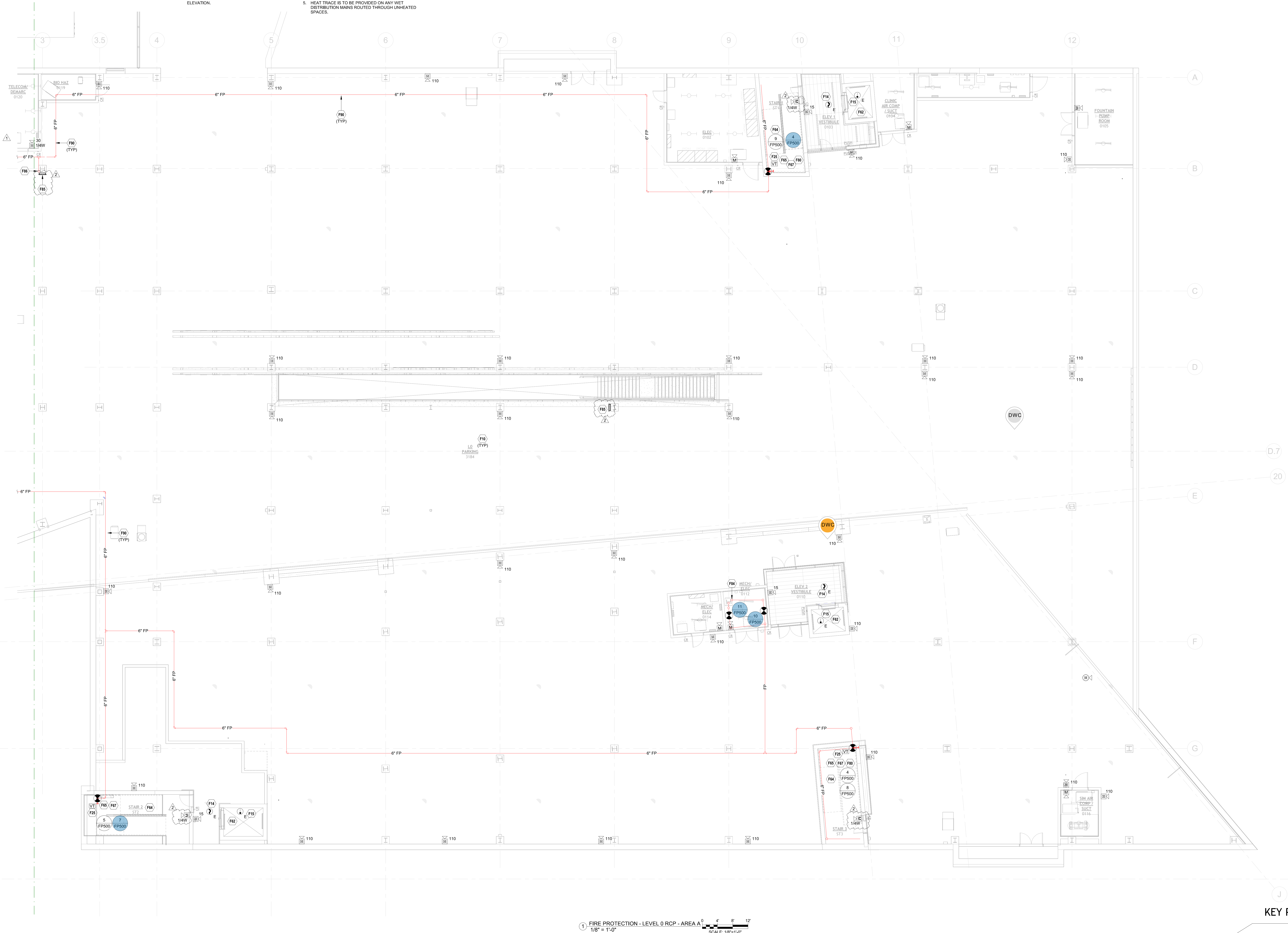
6. FIRE SPRINKLER SYSTEM DESIGN AND INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA 13 2019 EDITION WITH THE EXCEPTION OF THE GARAGE SPRINKLER SYSTEM DESIGN CRITERIA, REFER TO FP100.2 FOR ADDITIONAL INFORMATION.
7. WHERE ANTIFREEZE SYSTEMS ARE PROVIDED, SYSTEM SHALL BE CALCULATED AS A DRY-PIPE SPRINKLER SYSTEM WHERE NEEDED TO ACHIEVE LARGER SYSTEM SIZES PER MANUFACTURERS DATA.
8. FIRE SPRINKLER PIPE SHALL NOT BE ROUTED THROUGH ELECTRICAL ROOMS, IT DATA ROOMS, AV/ROOMS OR SIMILAR. PIPING SHALL BE LIMITED TO BRANCHLINES SERVING SPRINKLERS WITHIN THOSE ROOMS.

FIRE PROTECTION PLAN NOTES:

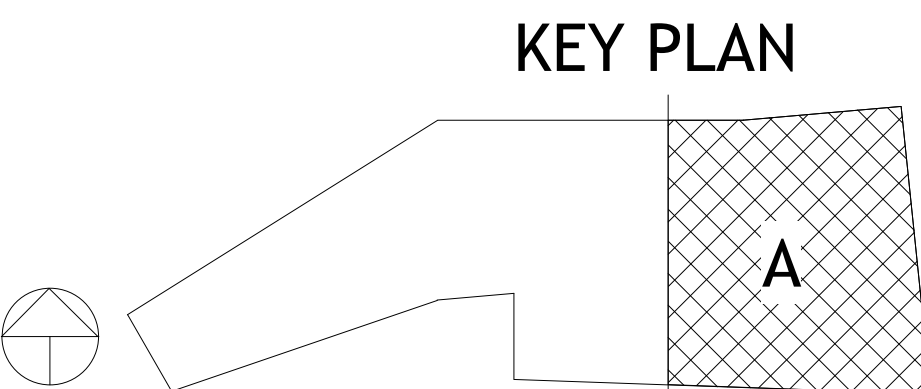
- F10 PROVIDE FIRE ALARM EQUIPMENT SUITABLE FOR ENVIRONMENTAL CONDITIONS.
- F14 PROVIDE EQUIPMENT AND CONNECTIONS REQUIRED FOR ELEVATOR RECALL AND/OR SHUTDOWN. REFER TO SEQUENCE OF OPERATION FOR ADDITIONAL INFORMATION.
- F15 PROVIDE HEAT DETECTOR(S) WITHIN 2 FEET OF ALL SPRINKLERS IN AREA DESIGNATED. REFER TO SEQUENCE OF OPERATION FOR ADDITIONAL INFORMATION.
- F25 CONNECT VALVE TAMPER SUPERVISORY SWITCH FOR STANDPIPE CONTROL VALVE TO FIRE ALARM SYSTEM. COORDINATE QUANTITY AND LOCATION OF DEVICES WITH SPRINKLER SYSTEM.
- F82 INSTALL SIDEWALL SPRINKLER WITHIN 2 FEET OF ELEVATOR HOISTWAY PIT FLOOR.
- F84 PROVIDE SPRINKLER PROTECTION AT THE TOP OF STAIRWAY AND BENEATH THE LOWEST STAIRWAY LANDING.

FIRE PROTECTION PLAN NOTES:

- F65 PROVIDE SUPERVISED STANDPIPE ISOLATION VALVE.
- F67 PROVIDE STANDPIPE OUTLETS AT THE MAIN STAIR LANDING LEVELS.
- F80 MINIMUM 6" COMBINATION STANDPIPE SPRINKLER RISER WITH 2-1/2" HOSE VALVE, CAP AND CHAIN. PROVIDE COMBINATION INSPECTORS TEST AND DRAIN ASSEMBLY WITH SPRINKLER CONTROL VALVE, TAMPER SWITCH, FLOW SWITCH, AND CHECK VALVE. ROUTE DRAIN RISER PARALLEL TO STANDPIPE RISER.
- F84 ANTIFREEZE SUPPLY LINE ROUTED UP CHASE TO LEVEL 1.
- F85 PROVIDE HOSE VALVE CABINET WITH 2-1/2" STANDPIPE HOSE VALVE CONNECTION.
- F86 PREACTION SYSTEM SUPPLY.
- F80 STANDPIPE SUPPLY PIPING.



1 FIRE PROTECTION - LEVEL 0 RCP - AREA A
1/8" = 1'-0"



REVISIONS		
NUMBER	DATE	DESCRIPTION
1	03.10.23	Addendum 1
2	05.09.23	Addendum 2



FIRE ALARM SCOPE OF WORK NOTES:

1. FIRE ALARM SCOPE OF WORK IS TO PROVIDE A COMPLETE, IN-BUILDING MASS NOTIFICATION FIRE ALARM SYSTEM.
2. ALL CEILING MOUNTED FIRE ALARM APPLIANCES AND DEVICES SHALL BE INSTALLED IN A SYMMETRICAL PATTERN AND ALIGNED WITH LIGHTS AND OTHER CEILING EQUIPMENT WHERE CODE PERMITS.
3. WHERE CEILING MOUNTED FIRE ALARM EQUIPMENT ARE SHOWN IN WOOD CEILINGS, CONTRACTOR SHALL COORDINATE FINAL LOCATIONS AND APPLIANCE COLOR WITH ARCHITECT.
4. WHERE CEILING MOUNTED SPEAKERS ARE SHOWN IN AREAS OPEN TO STRUCTURE, SPEAKERS SHALL BE LOCATED 18" ABOVE THE NEAREST CEILING ELEVATION.

FIRE SPRINKLER SCOPE OF WORK NOTES:

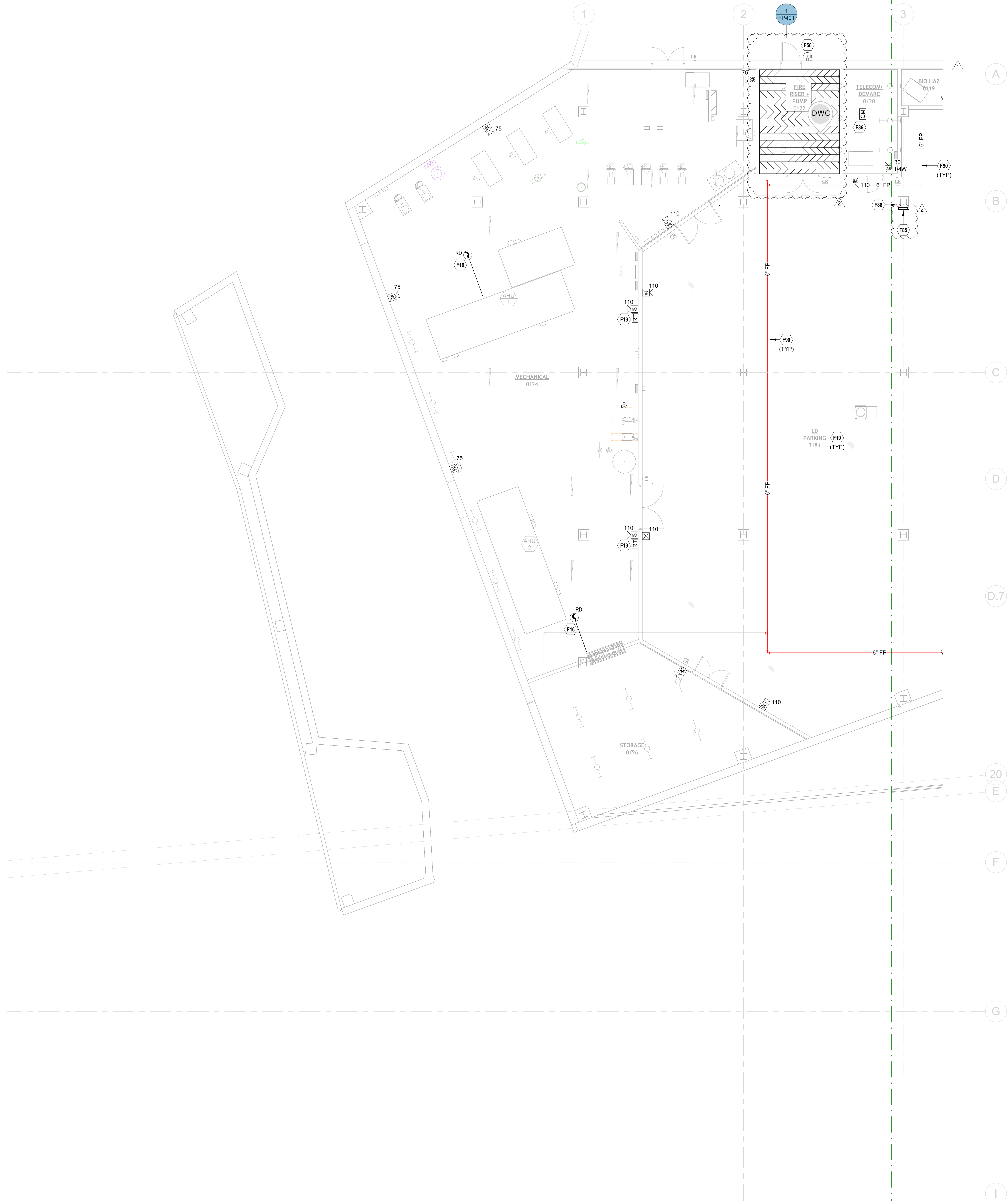
1. FIRE SPRINKLER SCOPE OF WORK IS TO PROVIDE A COMPLETE, AUTOMATIC SPRINKLER SYSTEM THROUGHOUT THE BUILDING.
2. SPRINKLER PROTECTION WITH FREEZE PROTECTION SHALL BE PROVIDED FOR ALL EXTERIOR BUILDING PROJECTIONS AND EXTERIOR OCCUPIED BALCONIES OR DECKS.
3. SPRINKLER SYSTEM CONTAINS A COMBINATION OF WET, DRY, AND PREACTION SPRINKLER SYSTEMS. ANTIFREEZE SOLUTION PROVIDED IN SELECT WET SYSTEMS.
4. ALL DRY-PIPE AND PREACTION SPRINKLER SYSTEMS SHALL BE FILLED WITH NITROGEN.
5. HEAT TRACE IS TO BE PROVIDED ON ANY WET DISTRIBUTION MAINS ROUTED THROUGH UNHEATED SPACES.

FIRE SPRINKLER SCOPE OF WORK NOTES:

6. FIRE SPRINKLER SYSTEM DESIGN AND INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA 13 2019 EDITION WITH THE EXCEPTION OF THE GARAGE SPRINKLER SYSTEM DESIGN CRITERIA, REFER TO FP100.2 FOR ADDITIONAL INFORMATION.
7. WHERE ANTIFREEZE SYSTEMS ARE PROVIDED, SYSTEM SHALL BE CALCULATED AS A DRY-PIPE SPRINKLER SYSTEM WHERE NEEDED TO ACHIEVE LARGER SYSTEM SIZES PER MANUFACTURERS DATA.
8. FIRE SPRINKLER PIPE SHALL NOT BE ROUTED THROUGH ELECTRICAL ROOMS, IT, DATA ROOMS, AV/ ROOMS OR SIMILAR. PIPING SHALL BE LIMITED TO BRANCHLINES SERVING SPRINKLERS WITHIN THOSE ROOMS.

FIRE PROTECTION PLAN NOTES:

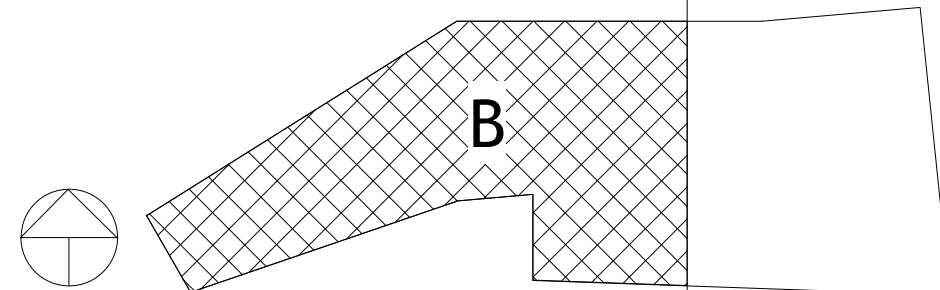
- F10 PROVIDE FIRE ALARM EQUIPMENT SUITABLE FOR ENVIRONMENTAL CONDITIONS.
- F16 PROVIDE DUCT MOUNTED SMOKE DETECTOR FOR FAN POWERED MECHANICAL AIR HANDLING EQUIPMENT SHUTDOWN. INSTALL DETECTOR PER MANUFACTURERS RECOMMENDATIONS. REFER TO MECHANICAL SHEETS FOR EQUIPMENT AND DUCTWORK LAYOUT AND DETAILS.
- F19 PROVIDE LOW VOLTAGE WIRING FROM DUCT DETECTOR TO REMOTE TEST STATION. MOUNT REMOTE TEST STATION ON WALL AT 48" AFF.
- F36 PROVIDE EQUIPMENT AND CONNECTION(S) TO OVERRIDE ACCESS CONTROLS AND ELECTRONIC LOCKS. UNLOCK STAIR DOORS AND LOCKED DOORS IN EGRESS PATHS. COORDINATE WITH SECURITY CONTRACTOR FOR ADDITIONAL REQUIREMENTS AND FINAL SECURITY PANEL LOCATIONS.
- F50 INCOMING 6" FIRE LINE, SEE CIVIL FOR CONTINUATION.
- F58 PROVIDE HOSE VALVE CABINET WITH 2-1/2" STANDPIPE HOSE VALVE CONNECTION.
- F86 PRE-ACTION SYSTEM SUPPLY.
- F90 STANDPIPE SUPPLY PIPING.



1 FIRE PROTECTION - LEVEL 0 RCP - AREA B
1/8" = 1'-0"

0 4 8 12
SCALE: 1/8"=1'-0"

KEY PLAN



PSW Job Number:
993A

Henderson Job Number:
2150002607



AWSOM
Bentonville, AR

Issue Date:
02.24.2023

REVISIONS		
NUMBER	DATE	DESCRIPTION
1	03.10.23	Addendum 1
2	05.09.23	Addendum 2

Contents:
**FIRE
PROTECTION -
LEVEL 0 RCP -
AREA B**

FIRE ALARM SCOPE OF WORK NOTES:

- FIRE ALARM SCOPE OF WORK IS TO PROVIDE A COMPLETE, IN-BUILDING MASS NOTIFICATION FIRE ALARM SYSTEM.
- ALL CEILING MOUNTED FIRE ALARM APPLIANCES AND DEVICES SHALL BE INSTALLED IN A SYMMETRICAL PATTERN AND ALIGNED WITH LIGHTS AND OTHER CEILING EQUIPMENT WHERE CODE PERMITS.
- WHERE CEILING MOUNTED FIRE ALARM EQUIPMENT ARE SHOWN IN WOOD CEILINGS, CONTRACTOR SHALL COORDINATE FINAL LOCATIONS AND APPLIANCE COLOR WITH ARCHITECT.
- WHERE CEILING MOUNTED SPEAKERS ARE SHOWN IN AREAS OPEN TO STRUCTURE, SPEAKERS SHALL BE LOCATED 18" ABOVE THE NEAREST CEILING ELEVATION.

FIRE SPRINKLER SCOPE OF WORK NOTES:

- FIRE SPRINKLER SCOPE OF WORK IS TO PROVIDE A COMPLETE, AUTOMATIC SPRINKLER SYSTEM THROUGHOUT THE BUILDING.
- SPRINKLER PROTECTION WITH FREEZE PROTECTION SHALL BE PROVIDED FOR ALL EXTERIOR BUILDING PROJECTIONS AND EXTERIOR OCCUPIED BALCONIES OR DECKS.
- SPRINKLER SYSTEM CONTAINS A COMBINATION OF WET, DRY, AND PREACTION SPRINKLER SYSTEMS. ANTIFREEZE SOLUTION PROVIDED IN SELECT WET SYSTEMS.
- ALL DRY-PIPE AND PREACTION SPRINKLER SYSTEMS SHALL BE FILLED WITH NITROGEN.
- HEAT TRACE IS TO BE PROVIDED ON ANY WET DISTRIBUTION MAINS ROUTED THROUGH UNHEATED SPACES.

FIRE SPRINKLER SCOPE OF WORK NOTES:

- FIRE SPRINKLER SYSTEM DESIGN AND INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA 13 2019 EDITION WITH THE EXCEPTION OF THE GARAGE SPRINKLER SYSTEM DESIGN CRITERIA. REFER TO [NFPA 13](#) FOR ADDITIONAL INFORMATION.
- WHERE ANTIFREEZE SYSTEMS ARE PROVIDED, SYSTEM SHALL BE CALCULATED AS A DRY-PIPE SPRINKLER SYSTEM WHERE NEEDED TO ACHIEVE LARGER SYSTEM SIZES PER MANUFACTURER'S DATA.
- FIRE SPRINKLER PIPE SHALL NOT BE ROUTED THROUGH ELECTRICAL ROOMS, IT DATA ROOMS, HVAC ROOMS OR SIMILAR. PIPING SHALL BE LIMITED TO BRANCHLINES SERVING SPRINKLERS WITHIN THOSE ROOMS.

FIRE PROTECTION PLAN NOTES:

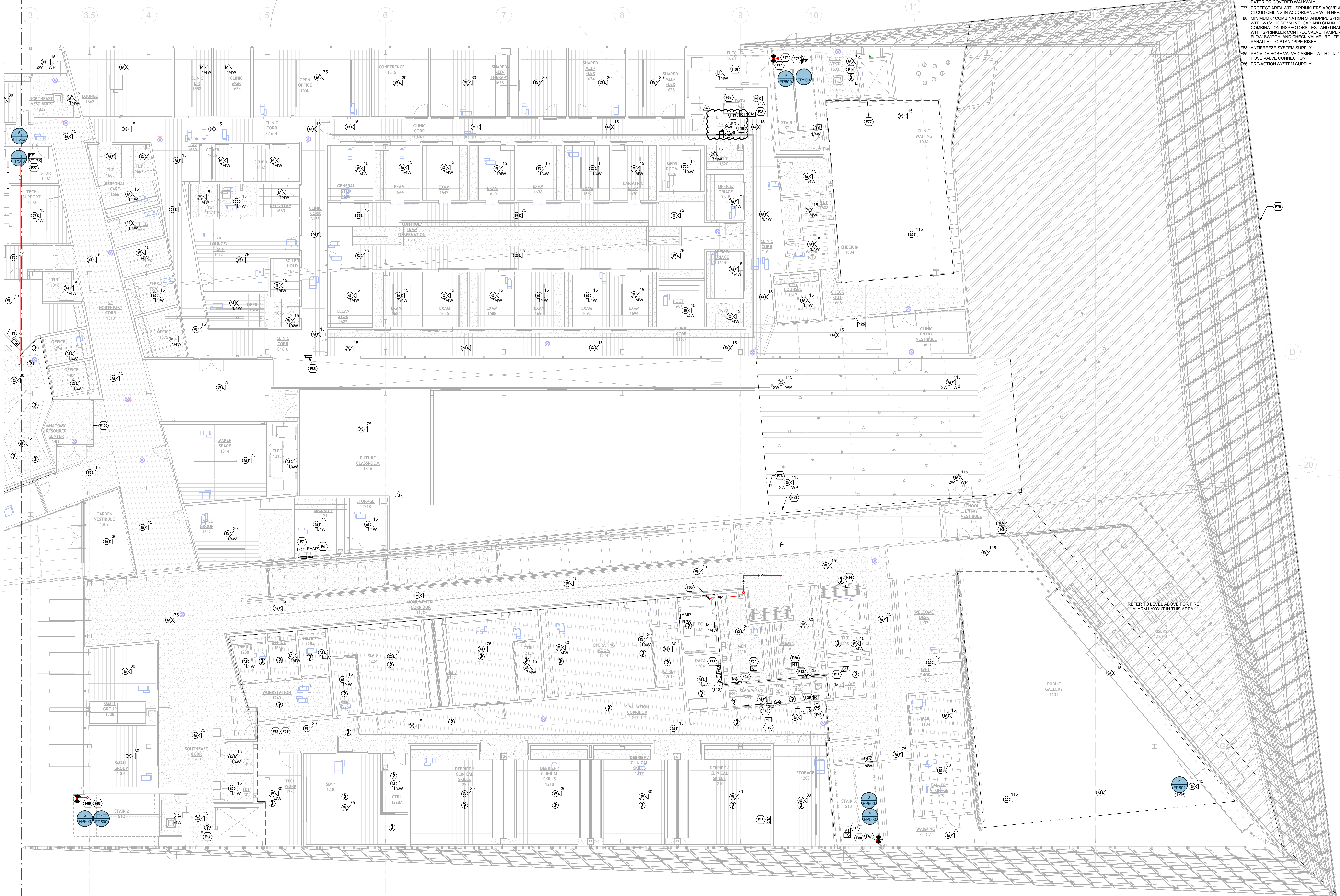
- PROVIDE NEW REMOTE FIRE ALARM ANNUNCIATOR PANEL.
- PROVIDE NEW MASS NOTIFICATION LOCAL OPERATING CONSOLE.
- PROVIDE EQUIPMENT AND CONNECTIONS REQUIRED TO SHUTDOWN TENANT AUDIO SYSTEM IN THE EVENT OF AN ALARM. COORDINATE QUANTITIES AND LOCATIONS WITH TECHNOLOGY PLANS. REFER TO AUDIO-VISUAL SIGNAL FLOW PLANS FOR ADDITIONAL INFORMATION.
- PROVIDE EQUIPMENT AND CONNECTIONS REQUIRED FOR ELEVATOR RECALL AND/OR SHUTDOWN. REFER TO SEQUENCE OF OPERATION FOR ADDITIONAL INFORMATION.

FIRE PROTECTION PLAN NOTES:

- PROVIDE DUCT-MOUNTED SMOKE DETECTOR (OR AREA DETECTOR IF APPLICABLE) FOR FIRE/SMOKE DAMPER ACTIVATION. DETECTOR SHALL BE INSTALLED WITHIN 5 FEET OF DAMPER PER NFPA 72. REFER TO MECHANICAL SHEETS FOR EXACT LOCATION OF DAMPERS. THE DETECTOR SELECTED SHALL BE SUITABLE FOR THE AIRFLOW PRESENT IN THE DUCT.
- PROVIDE LOW VOLTAGE WIRING FROM DUCT DETECTOR TO REMOTE TEST STATION. MOUNT REMOTE TEST STATION ON WALL AT 48" AFF.
- PROVIDE LOW VOLTAGE WIRING FROM DUCT DETECTOR TO REMOTE TEST STATION. MOUNT REMOTE TEST STATION IN CEILING.
- SMOKE DETECTION PROVIDED IN THIS ROOM AND ASSOCIATED SPACES FOR ACTIVATION OF THE PRE-ACTION SPRINKLER SYSTEM.

FIRE PROTECTION PLAN NOTES:

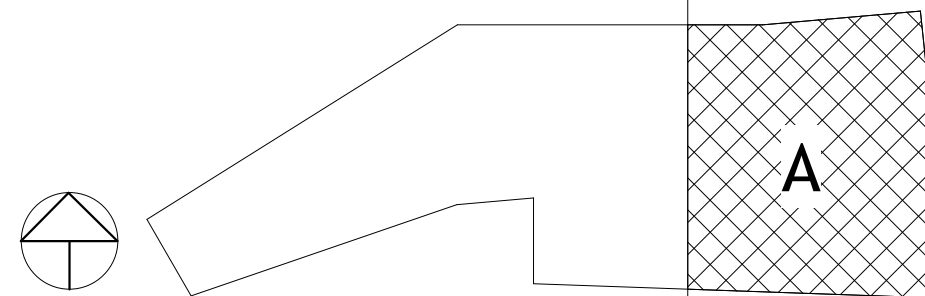
- CONNECT FIRE SPRINKLER MONITORING DEVICES TO FIRE ALARM SYSTEM. COORDINATE QUANTITY AND LOCATION OF DEVICES WITH FIRE PROTECTION SYSTEMS.
- PROVIDE EQUIPMENT AND CONNECTIONS TO OVERIDE ACCESS CONTROLS AND ELECTRONIC LOCKS. UNLOCK STAIR DOORS AND LOCKED DOORS IN EGRESS PATHS. COORDINATE WITH SECURITY CONTRACTOR FOR ADDITIONAL REQUIREMENTS AND FINAL SECURITY PANEL LOCATIONS.
- DO NOT ROUTE SPRINKLER PIPING ABOVE ELECTRICAL DISTRIBUTION EQUIPMENT.
- 2-1/2" STANDPIPE HOSE VALVE, CAP AND CHAIN.
- PROVIDE STANDPIPE OUTLETS AT THE MAIN STAIR LANDING LEVELS.
- EXTERIOR PROTECTION NONCOMBUSTIBLE CONSTRUCTION. FIXED PERMANENT WATER FEATURES BELOW LIMITED PEDESTRIAN USE ONLY. NO STORAGE OF COMBUSTIBLES OR PERMANENT SEATING. SPRINKLER SUPPRESSION NOT REQUIRED FOR PROTECTION PER NFPA 13.
- INSTALL ANTIFREEZE SPRINKLERS TO PROTECT EXTERIOR COVERED WALKWAY.
- PROTECT AREA WITH SPRINKLERS ABOVE AND BELOW CLOUD CEILING IN ACCORDANCE WITH NFPA 13.
- MINIMUM IF COMBINATION STANDPIPE SPRINKLER RISER WITH 2-1/2" HOSE VALVE, CAP AND CHAIN. PROVIDE COMBINATION INSPECTORS TEST AND DRAIN ASSEMBLY WITH SPRINKLER CONTROL VALVE, TAMPER SWITCH, FLOW SWITCH AND CHECK VALVE. ROUTE DRAIN RISER PARALLEL TO STANDPIPE RISER.
- ANTIFREEZE SYSTEM SUPPLY.
- PROVIDE HOSE VALVE CABINET WITH 2-1/2" STANDPIPE HOSE VALVE CONNECTION.
- PRE-ACTION SYSTEM SUPPLY.



1 FIRE PROTECTION - LEVEL 1 RCP - AREA A
1/8" = 1'-0"

0 4' 8' 12'
SCALE: 1/8"=1'-0"

KEY PLAN



PSW Job Number:

993A

Henderson Job Number:

2150002607

09/05/2024



AWSOM
Bentonville, AR

Issue Date:

02.24.2023

REVISIONS		
NUMBER	DATE	DESCRIPTION
1	03/10/23	As Issued
2	09/05/23	As Issued
3	04/15/24	PR.004
4	09/04/24	PR.080

Contents:

FIRE
PROTECTION -
LEVEL 1 RCP -
AREA A

FIRE ALARM SCOPE OF WORK NOTES:

1. FIRE ALARM SCOPE OF WORK IS TO PROVIDE A COMPLETE, IN-BUILDING MASS NOTIFICATION FIRE ALARM SYSTEM.
2. ALL CEILING MOUNTED FIRE ALARM APPLIANCES AND DEVICES SHALL BE INSTALLED IN A SYMMETRICAL PATTERN AND ALIGNED WITH LIGHTS AND OTHER CEILING EQUIPMENT WHERE CODE PERMITS.
3. WHERE CEILING MOUNTED FIRE ALARM EQUIPMENT ARE SHOWN IN WOOD CEILINGS, CONTRACTOR SHALL COORDINATE FINAL LOCATIONS AND APPLIANCE COLORS WITH ARCHITECT.
4. WHERE CEILING MOUNTED SPEAKERS ARE SHOWN IN AREAS OPEN TO STRUCTURE, SPEAKERS SHALL BE LOCATED 18" ABOVE THE NEAREST CEILING ELEVATION.

FIRE SPRINKLER SCOPE OF WORK NOTES:

1. FIRE SPRINKLER SCOPE OF WORK IS TO PROVIDE A COMPLETE, AUTOMATIC SPRINKLER SYSTEM THROUGHOUT THE BUILDING.
2. SPRINKLER PROTECTION WITH FREEZE PROTECTION SHALL BE PROVIDED FOR ALL EXTERIOR BUILDING PROJECTIONS AND EXTERIOR OCCUPIED BALCONIES OR DECKS.
3. SPRINKLER SYSTEM CONTAINS A COMBINATION OF WET, DRY, AND PREACTION SPRINKLER SYSTEMS; ANTIFREEZE SOLUTION PROVIDED IN SELECT WET SYSTEMS.
4. ALL DRY-PIPE AND PREACTION SPRINKLER SYSTEMS SHALL BE FILLED WITH NITROGEN.
5. HEAT TRACE IS TO BE PROVIDED ON ANY WET DISTRIBUTION MAINS ROUTED THROUGH UNHEATED SPACES.

FIRE SPRINKLER SCOPE OF WORK NOTES:

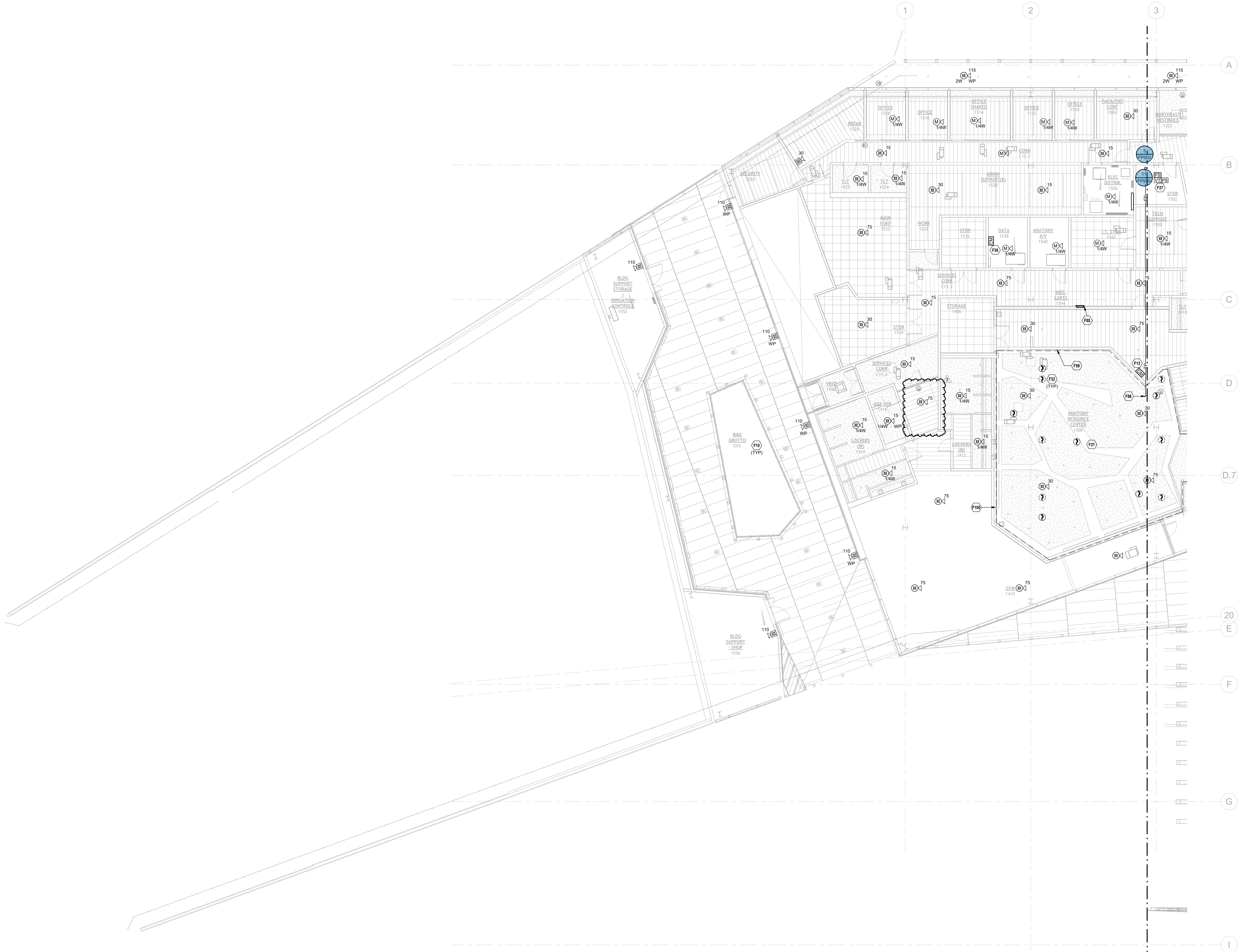
6. FIRE SPRINKLER SYSTEM DESIGN AND INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA 13 2019 EDITION WITH THE EXCEPTION OF THE GARAGE SPRINKLER SYSTEM DESIGN CRITERIA, REFER TO [FP1002](#) FOR ADDITIONAL INFORMATION.
7. WERE ANTIFREEZE SYSTEMS ARE PROVIDED, SYSTEM SHALL BE CALCULATED AS A DRY-PIPE SPRINKLER SYSTEM WHERE NEEDED TO ACHIEVE LARGER SYSTEM SIZES PER MANUFACTURER'S DATA.
8. FIRE SPRINKLER PIPE SHALL NOT BE ROUTED THROUGH ELECTRICAL ROOMS, IT, DATA ROOMS, AV/ROOMS OR SIMILAR. PIPING SHALL BE LIMITED TO BRANCHLINES SERVING SPRINKLERS WITHIN THOSE ROOMS.

FIRE PROTECTION PLAN NOTES:

- F10 PROVIDE FIRE ALARM EQUIPMENT SUITABLE FOR ENVIRONMENTAL CONDITIONS.
- F13 PROVIDE EQUIPMENT AND CONNECTION(S) REQUIRED TO SHUTDOWN TENANT AUDIO SYSTEM IN THE EVENT OF AN ALARM. COORDINATE QUANTITIES AND LOCATIONS WITH TECHNOLOGY PLANS. REFER TO AUDIO-VIDEO SIGNAL FLOW PLANS FOR ADDITIONAL INFORMATION.
- F21 SMOKE DETECTION PROVIDED IN THIS ROOM AND ASSOCIATED SPACES FOR ACTIVATION OF THE PRE-ACTION SPRINKLER SYSTEM.
- F27 CONNECT FIRE SPRINKLER MONITORING DEVICES TO FIRE ALARM SYSTEM. COORDINATE QUANTITY AND LOCATION OF DEVICES WITH FIRE PROTECTION SYSTEMS.
- F32 DASHED LINE TYPE INDICATES DEVICE TO BE INSTALLED ABOVE CEILING AT DECK.

FIRE PROTECTION PLAN NOTES:

- F36 PROVIDE EQUIPMENT AND CONNECTION(S) TO OVERRIDE ACCESS CONTROLS AND ELECTRONIC LOCKS. UNLOCK STAIR DOORS AND LOCKED DOORS IN EGRESS PATHS. COORDINATE WITH SECURITY CONTRACTOR FOR ADDITIONAL REQUIREMENTS AND FINAL SECURITY PANEL LOCATIONS.
- F59 PROVIDE DOUBLE INTERLOCK PREACTION SPRINKLER SYSTEM FOR AREA INDICATED.
- F85 PROVIDE HOSE VALVE CABINET WITH 2-1/2" STANDPIPE HOSE VALVE CONNECTION.
- F86 PRE-ACTION SYSTEM SUPPLY.



1 FIRE PROTECTION - LEVEL 1 RCP - AREA B
1/8" = 1'-0"

0 4' 8' 12'
SCALE: 1/8" = 1'-0"

KEY PLAN

B

POLK
STANLEY
WILCOX

801 South Spring Street
Little Rock, AR 72201
501.378.0878 ofice

509 W. Spring St. | Suite 150
Fayetteville, AR 72701
479.444.0073 ofice

polkstanleywilcox.com

CIVIL
McClalland Consulting Engineers, Inc.
1380 E STEARNS ST
FAYETTEVILLE, AR 72703
P: 479.443.2377

LANDSCAPE
OSD
115 ST. JOHN'S PLACE
BROOKLYN, NY 11217
P: 917.553.5586

STRUCTURAL
MartinMartin Consulting Engineers
808 SOUTH WALTON BLVD., STE 17
BENTONVILLE, AR 72712
P: 479.407.0945

MEPF + LOW VOLTAGE
Henderson Engineers
8340 LENEXA DRIVE, STE 300
LENEXA, KS 66214
P: 913.860.8197

SUSTAINABILITY
SOM
224 SOUTH MICHIGAN AVENUE
CHICAGO, IL 60604
P: 312.360.4121

SIGNAGE + WAYFINDING
TWO TWELVE
239 W. 27th ST., SUITE 802
NEW YORK, NY 10001
P: 212.254.6670

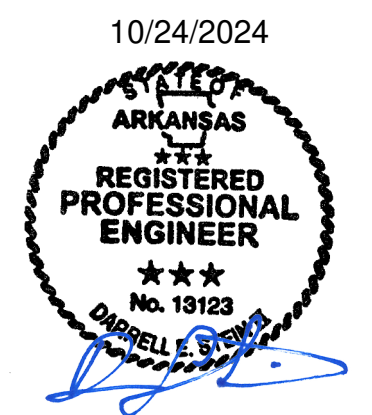
FOOD SERVICE
JMC HOSPITALITY
888 SIX PINES DR., SUITE 8210
THE WOODLANDS, TX 77380
P: 888.641.2222

WATER FEATURES
OTL
2150 S. TOWNE CENTER, SUITE 100
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PSW Job Number:
993A

Henderson Job Number:
2150002607



AWSOM
Bentonville, AR

Issue Date:
02.24.2023

REVISIONS		
NUMBER	DATE	DESCRIPTION
1	03.10.23	Addendum 1
2	06.08.23	Addendum 2
3	11.24.24	REVISED

Contents:
FIRE
PROTECTION -
LEVEL 1 RCP -
AREA B

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VIEWED IN COLOR

FP101B

FIRE ALARM SCOPE OF WORK NOTES:

1. FIRE ALARM SCOPE OF WORK IS TO PROVIDE A COMPLETE, IN-BUILDING MASS NOTIFICATION FIRE ALARM SYSTEM.
2. ALL CEILING MOUNTED FIRE ALARM APPLIANCES AND DEVICES SHALL BE INSTALLED IN A SYMMETRICAL PATTERN AND ALIGNED WITH LIGHTS AND OTHER CEILING EQUIPMENT WHERE CODE PERMITS.
3. WHERE CEILING MOUNTED FIRE ALARM EQUIPMENT ARE SHOWN IN WOOD CEILINGS, CONTRACTOR SHALL COORDINATE FINAL LOCATIONS AND APPLIANCE COLORS WITH ARCHITECT.
4. WHERE CEILING MOUNTED SPEAKERS ARE SHOWN IN AREAS OPEN TO STRUCTURE, SPEAKERS SHALL BE LOCATED 18" ABOVE THE NEAREST CEILING ELEVATION.

FIRE SPRINKLER SCOPE OF WORK NOTES:

1. FIRE SPRINKLER SCOPE OF WORK IS TO PROVIDE A COMPLETE, AUTOMATIC SPRINKLER SYSTEM THROUGHOUT THE BUILDING.
2. SPRINKLER PROTECTION WITH FREEZE PROTECTION SHALL BE PROVIDED FOR ALL EXTERIOR BUILDING PROJECTIONS AND EXTERIOR OCCUPIED BALCONIES OR DECKS.
3. SPRINKLER SYSTEM CONTAINS A COMBINATION OF WET, DRY, AND PREACTION SPRINKLER SYSTEMS; ANTIFREEZE SOLUTION PROVIDED IN SELECT WET SYSTEMS.
4. ALL DRY-PIPE AND PREACTION SPRINKLER SYSTEMS SHALL BE FILLED WITH NITROGEN.
5. HEAT TRACE IS TO BE PROVIDED ON ANY WET DISTRIBUTION MAINS ROUTED THROUGH UNHEATED SPACES.

FIRE SPRINKLER SCOPE OF WORK NOTES:

6. FIRE SPRINKLER SYSTEM DESIGN AND INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA 13 2019 EDITION WITH THE EXCEPTION OF THE GARAGE SPRINKLER SYSTEM DESIGN CRITERIA, REFER TO [FP1002](#) FOR ADDITIONAL INFORMATION.
7. WHERE ANTIFREEZE SYSTEMS ARE PROVIDED, SYSTEM SHALL BE CALCULATED AS A DRY-PIPE SPRINKLER SYSTEM WHERE NEEDED TO ACHIEVE LARGER SYSTEM SIZES PER MANUFACTURER'S DATA.
8. FIRE SPRINKLER PIPE SHALL NOT BE ROUTED THROUGH ELECTRICAL ROOMS, I.T. DATA ROOMS, A/V ROOMS OR SIMILAR. PIPING SHALL BE LIMITED TO BRANCHLINES SERVING SPRINKLERS WITHIN THOSE ROOMS.

FIRE PROTECTION PLAN NOTES:

- F2 PROVIDE REMOTE POWER SUPPLY TO POWER VISIBLE NOTIFICATION APPLIANCES.
- F3 PROVIDE REMOTE AMPLIFIER FOR AUDIBLE NOTIFICATION APPLIANCES.
- F11 MOUNT NOTIFICATION APPLIANCE TO BOTTOM OF JOIST OR AT 30 FT AFF, WHICHEVER IS LOWER, IN ACCORDANCE WITH NFPA 72 REQUIREMENTS.
- F13 PROVIDE EQUIPMENT AND CONNECTIONS REQUIRED TO SHUTDOWN TENANT AUDIO SYSTEM IN THE EVENT OF AN ALARM. COORDINATE QUANTITIES AND LOCATIONS WITH TECHNOLOGY PLANS. REFER TO AUDIO/VIDEO SIGNAL FLOW PLANS FOR ADDITIONAL INFORMATION.
- F14 PROVIDE EQUIPMENT AND CONNECTIONS REQUIRED FOR ELEVATOR RECALL AND/OR SHUTDOWN. REFER TO SEQUENCE OF OPERATION FOR ADDITIONAL INFORMATION.
- F18 PROVIDE DUCT MOUNTED SMOKE DETECTOR (OR AREA DETECTOR IF APPLICABLE) FOR FIRE SMOKE DAMPER ACTIVATION. DETECTOR SHALL BE INSTALLED WITHIN 5 FEET OF DAMPER PER NFPA 72. REFER TO MECHANICAL SHEETS FOR EXACT LOCATION OF DAMPERS. THE DETECTOR SELECTED SHALL BE SUITABLE FOR THE AIRFLOW PRESENT IN THE DUCT.

FIRE PROTECTION PLAN NOTES:

- F27 CONNECT FIRE SPRINKLER MONITORING DEVICES TO FIRE ALARM SYSTEM. COORDINATE QUANTITY AND LOCATION OF DEVICES WITH FIRE PROTECTION SYSTEMS.
- F36 PROVIDE EQUIPMENT AND CONNECTIONS TO OVERRIDE ACCESS CONTROLS AND ELECTRONIC LOCKS. UNLOCK STAIR DOORS AND LOCKED DOORS IN EGRESS PATHS. COORDINATE WITH SECURITY CONTRACTOR FOR ADDITIONAL REQUIREMENTS AND FINAL SECURITY PANEL LOCATIONS.
- F64 PROVIDE DRY PENDENT TYPE SPRINKLERS WITHIN COOLER/FREEZERS. REFER TO SPECIFICATIONS AND DETAILS FOR ADDITIONAL INFORMATION. COORDINATE EXACT LOCATION OF SPRINKLER AT COOLER/FREEZERS WITH LIGHTS, EVAPORATORS AND OTHER OBSTRUCTIONS. NOTE THAT FINAL LIGHT AND EVAPORATOR LOCATIONS MAY DIFFER FROM THOSE SHOWN ON PLANS.
- F60 PROTECT AREA BELOW PROJECTION WITH HEAT TRACED WET-PIPE SYSTEM.
- F61 PROVIDE SPRINKLER PROTECTION ABOVE AND BELOW DROPPED, FOLDING SOFFIT.

FIRE PROTECTION PLAN NOTES:

- F66 2-1/2" STANDPIPE HOSE VALVE, CAP AND CHAIN.
- F67 PROVIDE STANDPIPE OUTLETS AT THE MAIN STAIR LANDING LEVELS.
- F77 PROTECT AREA WITH SPRINKLERS ABOVE AND BELOW CLOUD CEILING IN ACCORDANCE WITH NFPA 13.
- F79 INSTALL ROOF TOP HOSE CONNECTION ROUTED BACK TO NEAREST STANDPIPE.
- F80 MINIMUM 6" COMBINATION STANDPIPE SPRINKLER RISER WITH 2-1/2" HOSE VALVE, CAP AND CHAIN. PROVIDE COMBINATION INSPECTOR'S TEST AND DRAIN ASSEMBLY WITH SPRINKLER CONTROL VALVE, TAMPER SWITCH, FLOW SWITCH, AND CHECK VALVE. ROUTE DRAIN RISER PARALLEL TO STANDPIPE RISER.

1 FIRE PROTECTION - LEVEL 2 RCP - AREA A
1/8" = 1'-0"

0 4' 8' 12'
SCALE: 1/8"=1'-0"

KEY PLAN

A

PSW Job Number:

993A

Henderson Job Number:

2150002607

09/05/2024



AWSOM
Bentonville, AR

Issue Date:

02.24.2023

REVISIONS		
NUMBER	DATE	DESCRIPTION
1	03.10.23	Addendum 1
2	09.03.23	Addendum 2
3	04.05.24	PR.041
4	09.04.24	PR.080

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FIRE
PROTECTION -
LEVEL 2 RCP -
AREA A

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FIRE SPRINKLER SCOPE OF WORK NOTES:

6. FIRE SPRINKLER SYSTEM DESIGN AND INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA 13 2019 EDITION WITH THE EXCEPTION OF THE GARAGE SPRINKLER SYSTEM DESIGN CRITERIA, REFER TO FP100.2 FOR ADDITIONAL INFORMATION.
7. WET ANTIFREEZE SYSTEMS ARE PROVIDED. SYSTEM SHALL BE CALCULATED AS A DRY-PIPE SPRINKLER SYSTEM WHERE NEEDED TO ACHIEVE LARGER SYSTEM SIZES PER MANUFACTURERS DATA.
8. FIRE SPRINKLER PIPE SHALL NOT BE ROUTED THROUGH ELECTRICAL ROOMS, IT DATA ROOMS, AV ROOMS OR SIMILAR. PIPING SHALL BE LIMITED TO BRANCHLINES SERVING SPRINKLERS WITHIN THOSE ROOMS.

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- F2 PROVIDE REMOTE POWER SUPPLY TO POWER VISIBLE NOTIFICATION APPLIANCES.
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- F14 PROVIDE EQUIPMENT AND CONNECTION(S) REQUIRED FOR ELEVATOR RECALL AND/OR SHUTDOWN. REFER TO SEQUENCE OF OPERATION FOR ADDITIONAL INFORMATION.
- F15 PROVIDE HEAT DETECTOR(S) WITHIN 2 FEET OF ALL SPRINKLERS IN AREA DESIGNATED. REFER TO SEQUENCE OF OPERATION FOR ADDITIONAL INFORMATION.

FIRE PROTECTION PLAN NOTES:

- F16 PROVIDE DUCT-MOUNTED SMOKE DETECTOR (OR AREA DETECTOR IF APPLICABLE) FOR FIRE-SMOKE DAMPER ACTIVATION. DETECTOR SHALL BE INSTALLED WITHIN 5 FEET OF DAMPER PER FPA 72. REFER TO MECHANICAL SHEETS FOR EXACT LOCATION OF DAMPERS. THE DETECTOR SELECTED SHALL BE SUITABLE FOR THE AIRFLOW PRESENT IN THE DUCT.
- F27 CONNECT FIRE SPRINKLER MONITORING DEVICES TO FIRE ALARM SYSTEM. COORDINATE QUANTITY AND LOCATION OF DEVICES WITH FIRE PROTECTION SYSTEMS.
- F30 SMOKE DETECTOR AT THE TOP OF THE HOISTWAY SHALL INITIATE FIRE-SMOKE DAMPER ACTIVATION AND ASSOCIATED MECHANICAL EQUIPMENT SHUTDOWN.
- F31 PROVIDE EQUIPMENT AND CONNECTION(S) REQUIRED TO ACTIVATE FIRE-SMOKE DAMPERS AND INITIATE MECHANICAL EQUIPMENT SHUTDOWN.

FIRE PROTECTION PLAN NOTES:

- F34 PROVIDE CARBON MONOXIDE DETECTOR WITH ADDRESSABLE SOUNDER BASE.
- F35 PROVIDE EQUIPMENT AND CONNECTION(S) REQUIRED TO CLOSE FIREPLACE GAS SOLENOID VALVE.
- F36 PROVIDE EQUIPMENT AND CONNECTION(S) TO OVERRIDE ACCESS CONTROLS AND ELECTRONIC LOCKS. UNLOCK STAIR DOORS AND LOCKED DOORS IN EGRESS PATHS. COORDINATE WITH SECURITY CONTRACTOR FOR ADDITIONAL REQUIREMENTS AND FINAL SECURITY PANEL LOCATIONS.
- F60 PROTECT AREA BELOW PROJECTION WITH HEAT TRACED WET-PIPE SYSTEM.
- F63 PROVIDE SPRINKLER PROTECTION AT THE TOP OF THE ELEVATOR HOISTWAY.
- F66 2-1/2" STANDPIPE HOSE VALVE, CAP AND CHAIN.

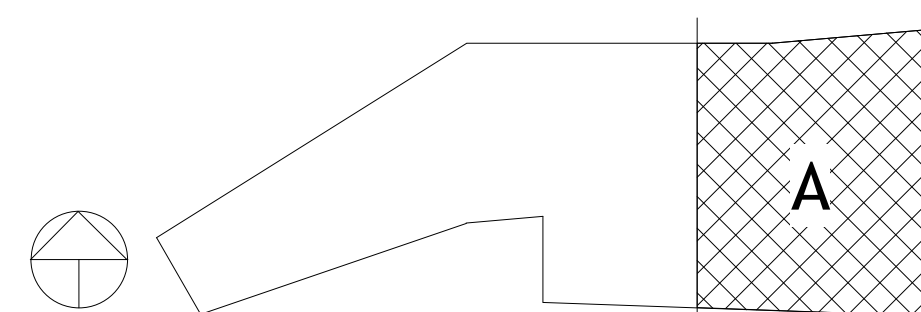
FIRE PROTECTION PLAN NOTES:

- F67 PROVIDE STANDPIPE OUTLETS AT THE MAIN STAIR LANDING LEVELS.
- F77 PROTECT AREA WITH SPRINKLERS ABOVE AND BELOW CLOUD CEILING IN ACCORDANCE WITH NFPA 13.
- F79 INSTALL ROOF TOP HOSE CONNECTION ROUTED BACK TO NEAREST STANDPIPE.
- F80 MINIMUM 4" COMBINATION STANDPIPE SPRINKLER RISER WITH 2-1/2" HOSE VALVE, CAP AND CHAIN. PROVIDE COMBINATION INSPECTORS TEST AND DRAIN ASSEMBLY WITH SPRINKLER CONTROL VALVE, TAMPER SWITCH, FLOW SWITCH, AND CHECK VALVE. ROUTE DRAIN RISER PARALLEL TO STANDPIPE RISER.



1 FIRE PROTECTION - LEVEL 3 RCP - AREA A
1/8" = 1'-0"

KEY PLAN



FIRE ALARM SCOPE OF WORK NOTES:

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8. FIRE SPRINKLER PIPE SHALL NOT BE ROUTED THROUGH ELECTRICAL ROOMS, IT, DATA ROOMS, AV ROOMS OR SIMILAR. PIPING SHALL BE LIMITED TO BRANCHLINES SERVING SPRINKLERS WITHIN THOSE ROOMS.

FIRE PROTECTION PLAN NOTES:

- F2 PROVIDE REMOTE POWER SUPPLY TO POWER VISIBLE NOTIFICATION APPLIANCES.
- F3 PROVIDE REMOTE AMPLIFIER FOR AUDIBLE NOTIFICATION APPLIANCES.
- F5 PROVIDE EQUIPMENT AND CONNECTION(S) TO MONITOR HEAT TRACE PANEL FOR SUPERVISORY OR TROUBLE CONDITIONS.
- F6 PROVIDE ENCOMPASS LT 300W AMPLIFIER PANEL TO POWER ROOF MOUNTED T2A-T10 LOUISSEPARERS. PROVIDE END-OF-LINE MODULE FOR SPEAKER MONITORING. COORDINATE WITH ELECTRICAL AND POWER FROM SPARE 20A, 120V CIRCUIT IN PANEL L4A.
- F9 PROVIDE EQUIPMENT AND CONNECTIONS TO THE FIRE ALARM SYSTEM AS REQUIRED TO ACTIVATE AND MONITOR LOGIC-CONTROLLED VENTILATION.
- F14 PROVIDE EQUIPMENT AND CONNECTION(S) REQUIRED FOR ELEVATOR RECALL AND/OR SHUTDOWN. REFER TO SEQUENCE OF OPERATION FOR ADDITIONAL INFORMATION.
- F15 PROVIDE HEAT DETECTORS WITHIN 2 FEET OF ALL SPRINKLERS IN AREA DESIGNATED. REFER TO SEQUENCE OF OPERATION FOR ADDITIONAL INFORMATION.

FIRE PROTECTION PLAN NOTES:

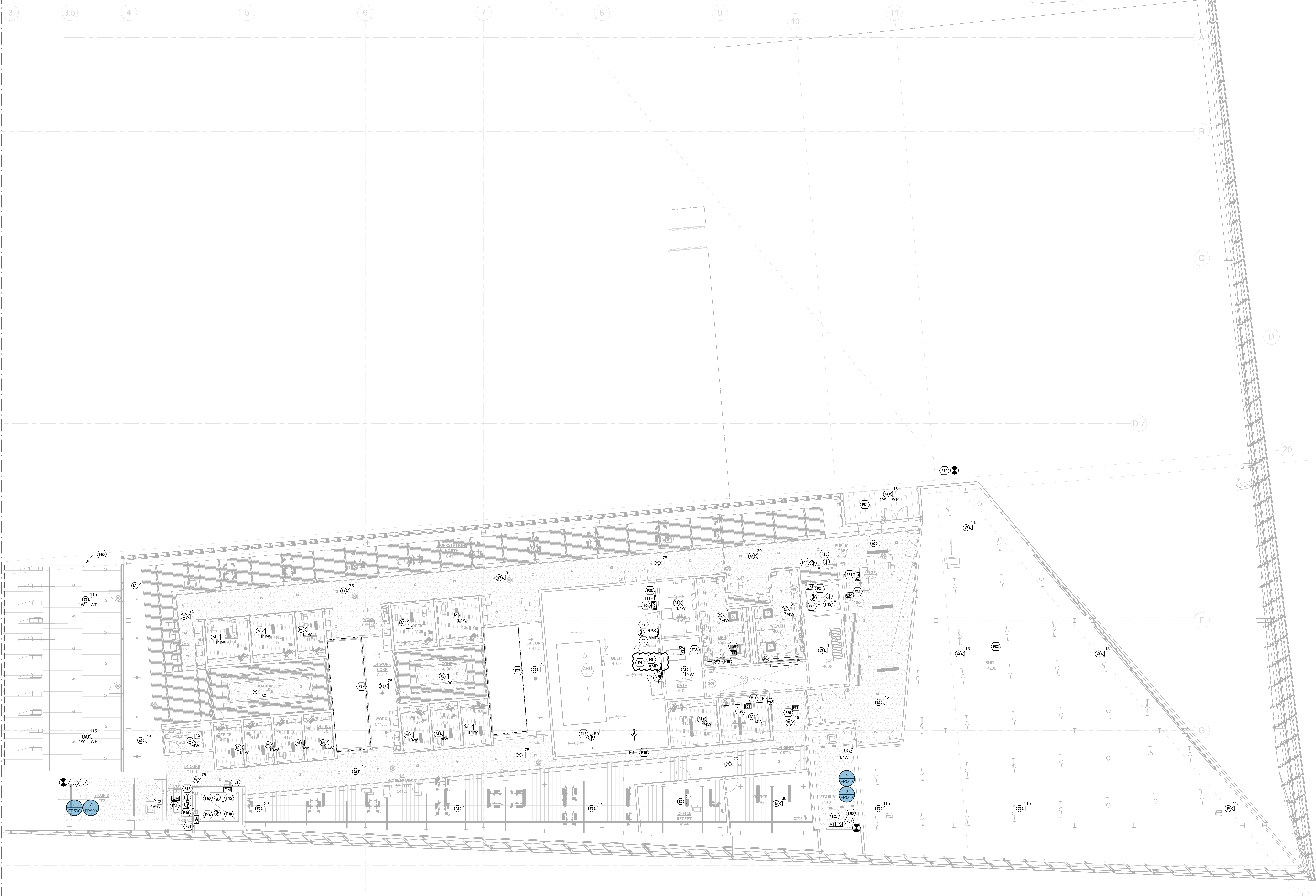
- F16 PROVIDE DUCT MOUNTED SMOKE DETECTOR FOR FAN POWERED MECHANICAL AIR HANDLING EQUIPMENT SHUTDOWN. INSTALL DETECTOR PER MANUFACTURER'S RECOMMENDATIONS. REFER TO MECHANICAL SHEETS FOR EQUIPMENT AND DUCTWORK LAYOUT AND DETAILS.
- F18 PROVIDE DUCT MOUNTED SMOKE DETECTOR (OR AREA DETECTOR IF APPLICABLE) FOR FIRE-SMOKE DAMPER ACTIVATION. DETECTOR SHALL BE INSTALLED WITHIN 5 FEET OF DAMPER PER NFPA 72. REFER TO MECHANICAL SHEETS FOR EXACT LOCATION OF DAMPERS. THE DETECTOR SELECTED SHALL BE SUITABLE FOR THE AIRFLOW PRESENT IN THE DUCT.
- F19 PROVIDE LOW VOLTAGE WIRING FROM DUCT DETECTOR TO REMOTE TEST STATION. MOUNT REMOTE TEST STATION ON WALL AT 48" AFF.
- F20 PROVIDE LOW VOLTAGE WIRING FROM DUCT DETECTOR TO REMOTE TEST STATION. MOUNT REMOTE TEST STATION IN CEILING.
- F27 CONNECT FIRE SPRINKLER MONITORING DEVICES TO FIRE ALARM SYSTEM. COORDINATE QUANTITY AND LOCATION OF DEVICES WITH FIRE PROTECTION SYSTEMS.

FIRE PROTECTION PLAN NOTES:

- F30 SMOKE DETECTOR AT THE TOP OF THE HOISTWAY SHALL INITIATE FIRE/SMOKE DAMPER ACTIVATION AND ASSOCIATED MECHANICAL EQUIPMENT SHUTDOWN.
- F31 PROVIDE EQUIPMENT AND CONNECTION(S) REQUIRED TO ACTIVATE FIRE/SMOKE DAMPERS AND INITIATE MECHANICAL EQUIPMENT SHUTDOWN.
- F36 PROVIDE EQUIPMENT AND CONNECTION(S) TO OVERRIDE ACCESS CONTROLS AND ELECTRONIC LOCKS, UNLOCK STAIR DOORS AND LOCKED DOORS IN EGRESS PATHS, COORDINATE WITH SECURITY CONTRACTOR FOR ADDITIONAL REQUIREMENTS AND FINAL SECURITY PANEL LOCATIONS.
- F50 PROTECT AREA BELOW PROJECTION WITH HEAT TRACED WET-PIPE SYSTEM.
- F63 PROVIDE SPRINKLER PROTECTION AT THE TOP OF THE ELEVATOR HOISTWAY.
- F66 2-1/2" STANDPIPE HOSE VALVE, CAP AND CHAIN.
- F67 PROVIDE STANDPIPE OUTLETS AT THE MAIN STAIR LANDING LEVELS.

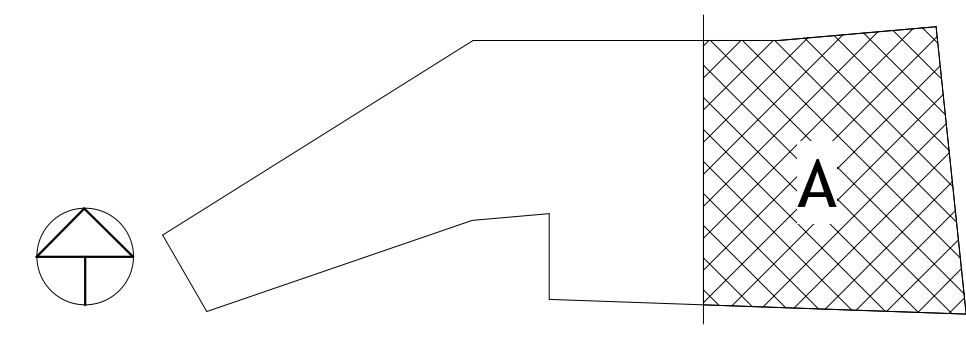
FIRE PROTECTION PLAN NOTES:

- F77 PROTECT AREA WITH SPRINKLERS ABOVE AND BELOW CLOUD CEILING IN ACCORDANCE WITH NFPA 13.
- F78 INSTALL SIDEWALL SPRINKLERS IN SKYLIGHT IN ACCORDANCE WITH NFPA 13.
- F79 INSTALL ROOF TOP HOSE CONNECTION ROUTED BACK TO NEAREST STANDPIPE.
- F80 MINIMUM 6" COMBINATION STANDPIPE SPRINKLER RISER WITH 2-1/2" HOSE VALVE, CAP AND CHAIN. PROVIDE COMBINATION INSPECTOR'S TEST AND DRAIN ASSEMBLY WITH SPRINKLER CONTROL VALVE, TAMPER SWITCH, FLOW SWITCH, AND CHECK VALVE. ROUTE DRAIN RISER PARALLEL TO STANDPIPE RISER.
- F81 PROVIDE DRY VIC-FLEX SPRINKLER FOR PROTECTION AT EXTERIOR CANOPY.
- F82 SPRINKLER PROTECTION CRITERIA IN THE SHELL SPACE AREA TO BE A MINIMUM OF ORDINARY HAZARD GROUP II (0.20 GPM/FT2 OVER 1,500 FT2).
- F88 PROVIDE CHROMOLOX HEAT TRACE PANEL. PROVIDE CHROMOLOX MIB2 BACNET CONVERTER MODULE OR APPROVED EQUAL.



○ FIRE PROTECTION - LEVEL 4 RCP - AREA A
1/8" = 1'-0"
SCALE: 1/8"=1'-0"

KEY PLAN



REVISIONS		
NUMBER	DATE	DESCRIPTION
1	01.10.23	Addendum 1
2	05.03.23	Addendum 2
3	02.15.24	Rev.003

FIRE ALARM SCOPE OF WORK NOTES:

1. FIRE ALARM SCOPE OF WORK IS TO PROVIDE A COMPLETE, IN-BUILDING MASS NOTIFICATION FIRE ALARM SYSTEM.
2. ALL CEILING MOUNTED FIRE ALARM APPLIANCES AND DEVICES SHALL BE INSTALLED IN A SYMMETRICAL PATTERN AND ALIGNED WITH LIGHTS AND OTHER CEILING EQUIPMENT WHERE CODE PERMITS.
3. WHERE CEILING MOUNTED FIRE ALARM EQUIPMENT ARE SHOWN IN WOOD CEILINGS, CONTRACTOR SHALL COORDINATE FINAL LOCATIONS AND APPLIANCE COLOR WITH ARCHITECT.
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FIRE SPRINKLER SCOPE OF WORK NOTES:

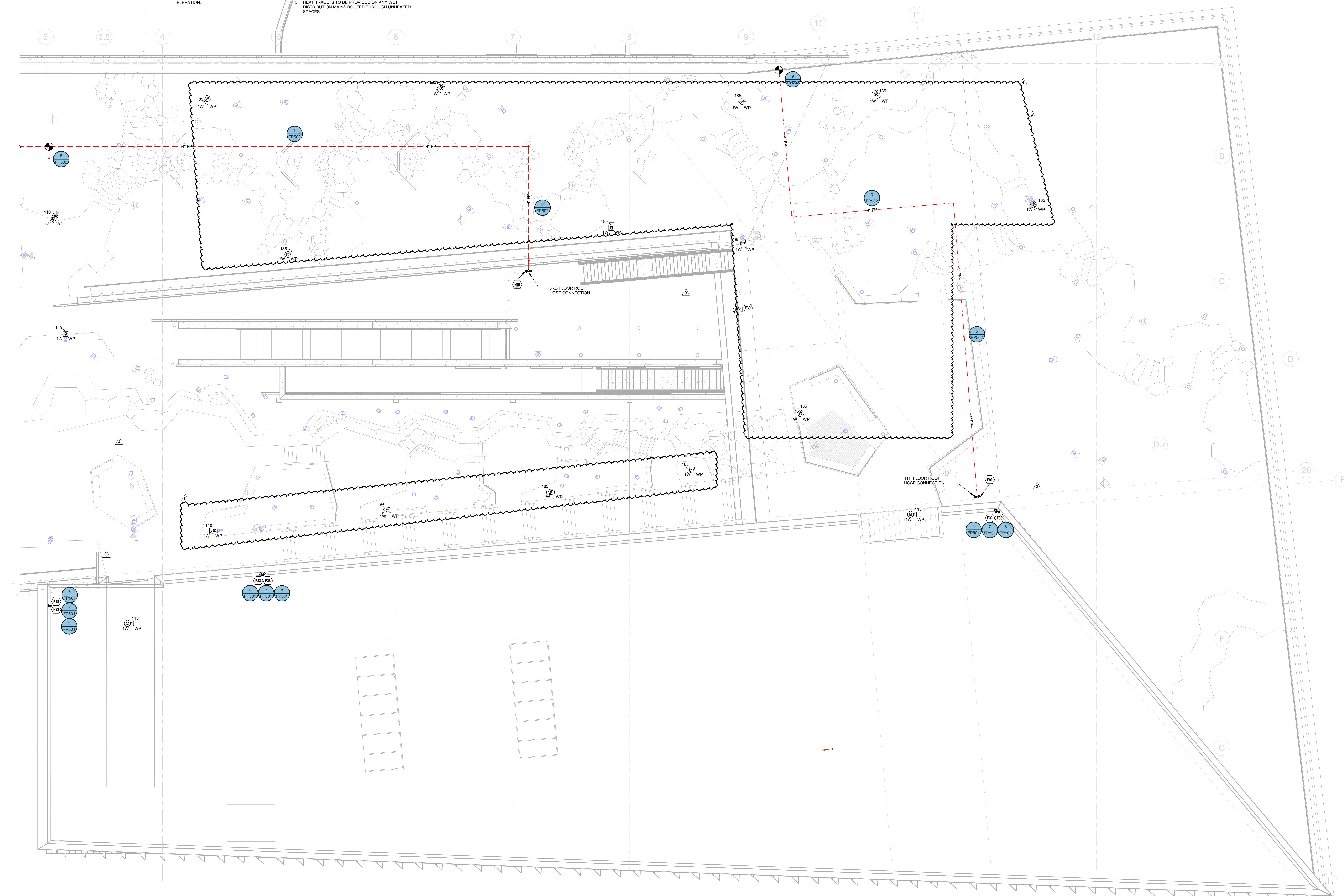
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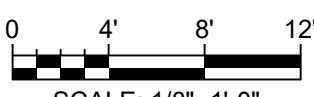
6. FIRE SPRINKLER SYSTEM DESIGN AND INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA 13 2019 EDITION WITH THE EXCEPTION OF THE GARAGE SPRINKLER SYSTEM DESIGN CRITERIA, REFER TO [FP1002](#) FOR ADDITIONAL INFORMATION.
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FIRE PROTECTION PLAN NOTES:

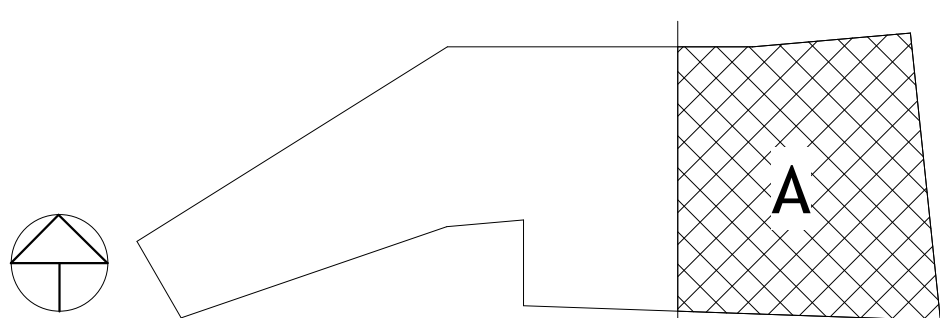
- F33 PROVIDE HYPERSPIKE TCPA-10 MODEL 90215A-801-01-L FIRE ALARM LOUDSPEAKER, PROVIDE 70V 12W OUTPUT.
- F38 LOUDSPEAKERS SHALL BE POLE MOUNTED BEHIND THE PARAPET. SPEAKERS SHALL BE INSTALLED SUCH THAT THE ENTIRE SPEAKER IS ABOVE THE PARAPET AND CAN BE ANGLED TOWARD THE OPPOSITE SIDE OF THE OCCUPIED SPACE.
- F39 APPLIANCE SHOWN FOR REFERENCE, PROVIDED IN LEVEL 3 EXTERIOR CEILING, REFER TO [FP1003A](#) FOR ADDITIONAL INFORMATION.
- F39 FREESTANDING ROOF LEVEL STANDPIPE WITH TWO 2-1/2" HOSE VALVES, CAP AND CHAIN. PROVIDE SHUT-OFF VALVE WITH TAMPER SWITCH AND BALL DRIP WITHIN STAIRWAY.



1 FIRE PROTECTION PLAN - ROOF - AREA A
1/8" = 1'-0"



KEY PLAN

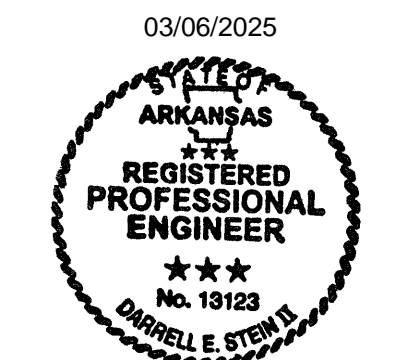


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NUMBER	DATE	DESCRIPTION
1	03.10.23	ADDENDUM 1
2	12.18.23	PR-024
3	05.15.24	PR-033
4	12.12.24	PR-089
5	02.27.25	AS-036
6	03.06.25	PR-086R

Contents:
FIRE
PROTECTION -
ROOF PLAN-
AREA A

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8. FIRE SPRINKLER PIPE SHALL NOT BE ROUTED THROUGH ELECTRICAL ROOMS, I.T./DATA ROOMS, AV/ROOMS OR SIMILAR. PIPING SHALL BE LIMITED TO BRANCHLINES SERVING SPRINKLERS WITHIN THOSE ROOMS.

F99 FREESTANDING ROOF LEVEL STANDPIPE WITH TWO 2-1/2" HOSE VALVES, CAP AND CHAIN. PROVIDE SHUT-OFF VALVE WITH TAMPER SWITCH AND BALL DRIP WITHIN STAIRWAY.

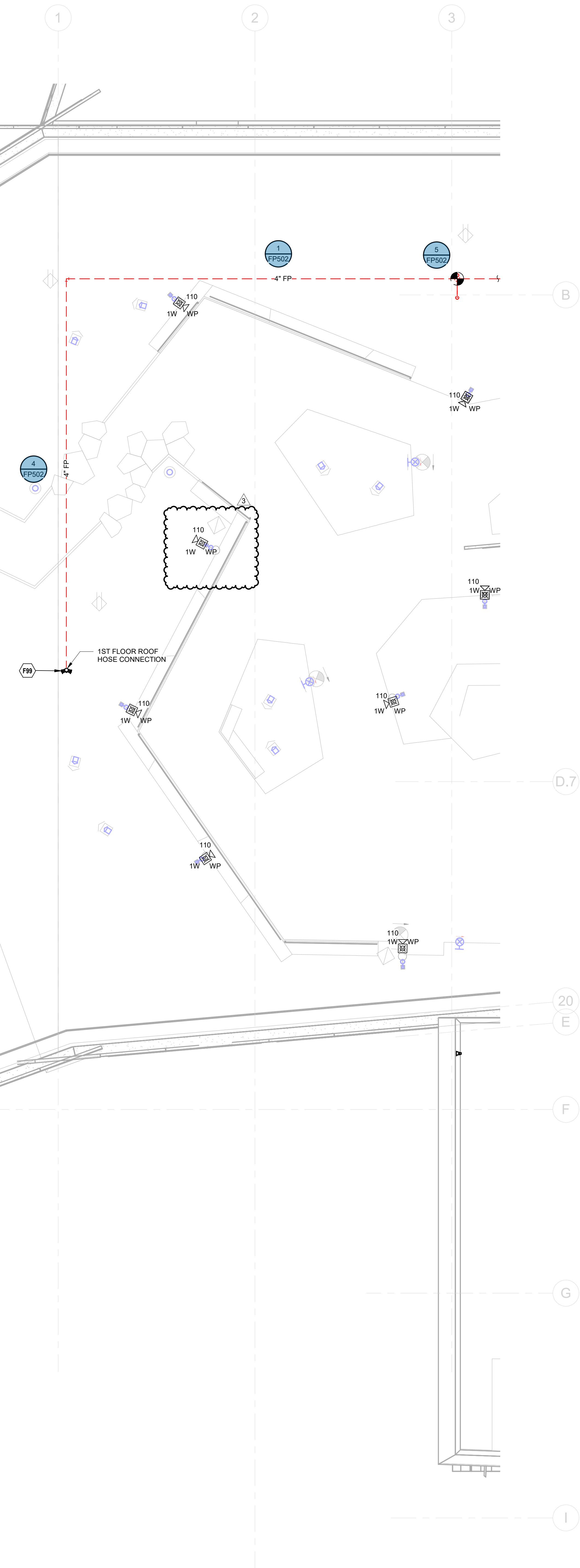
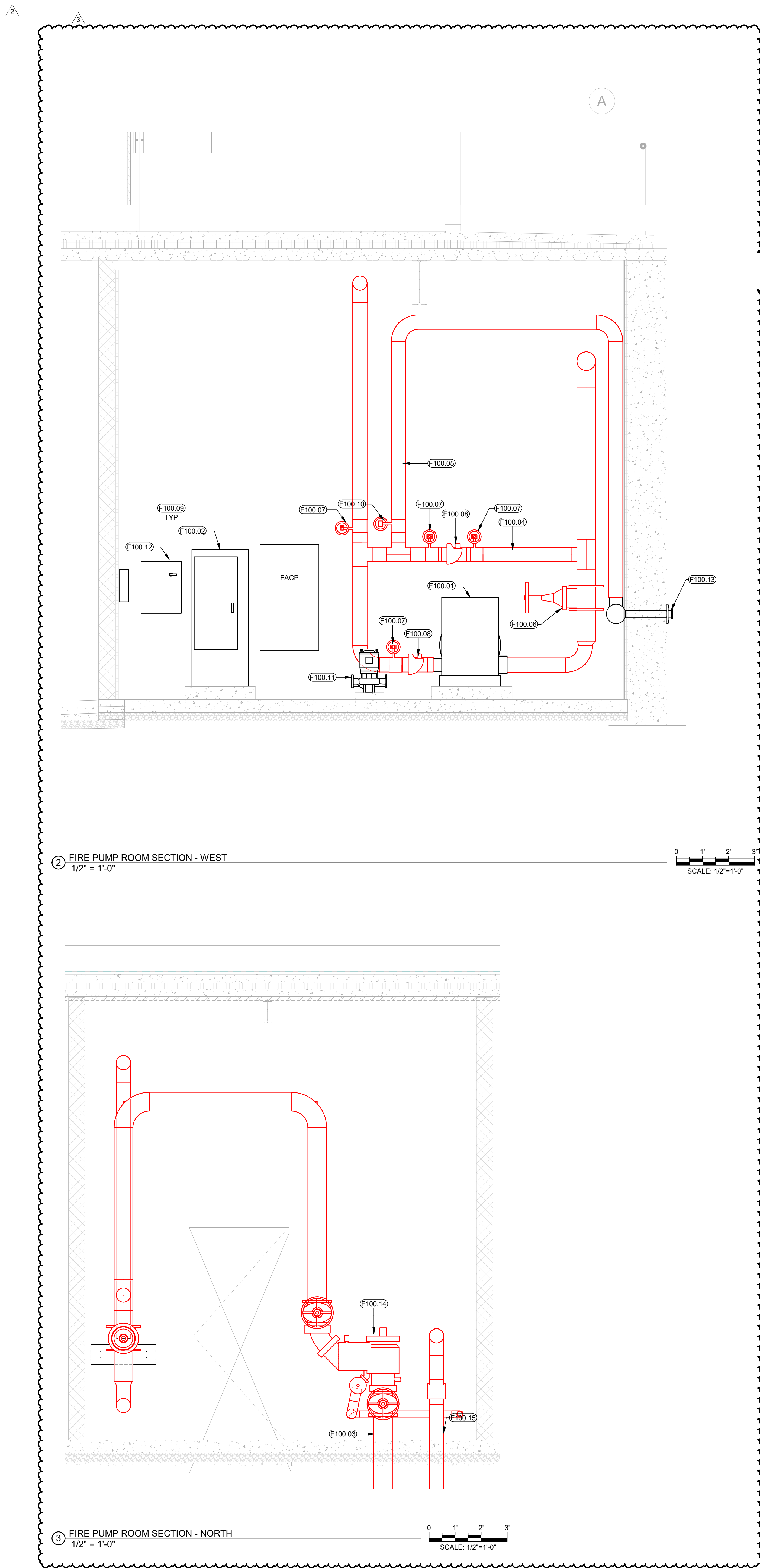
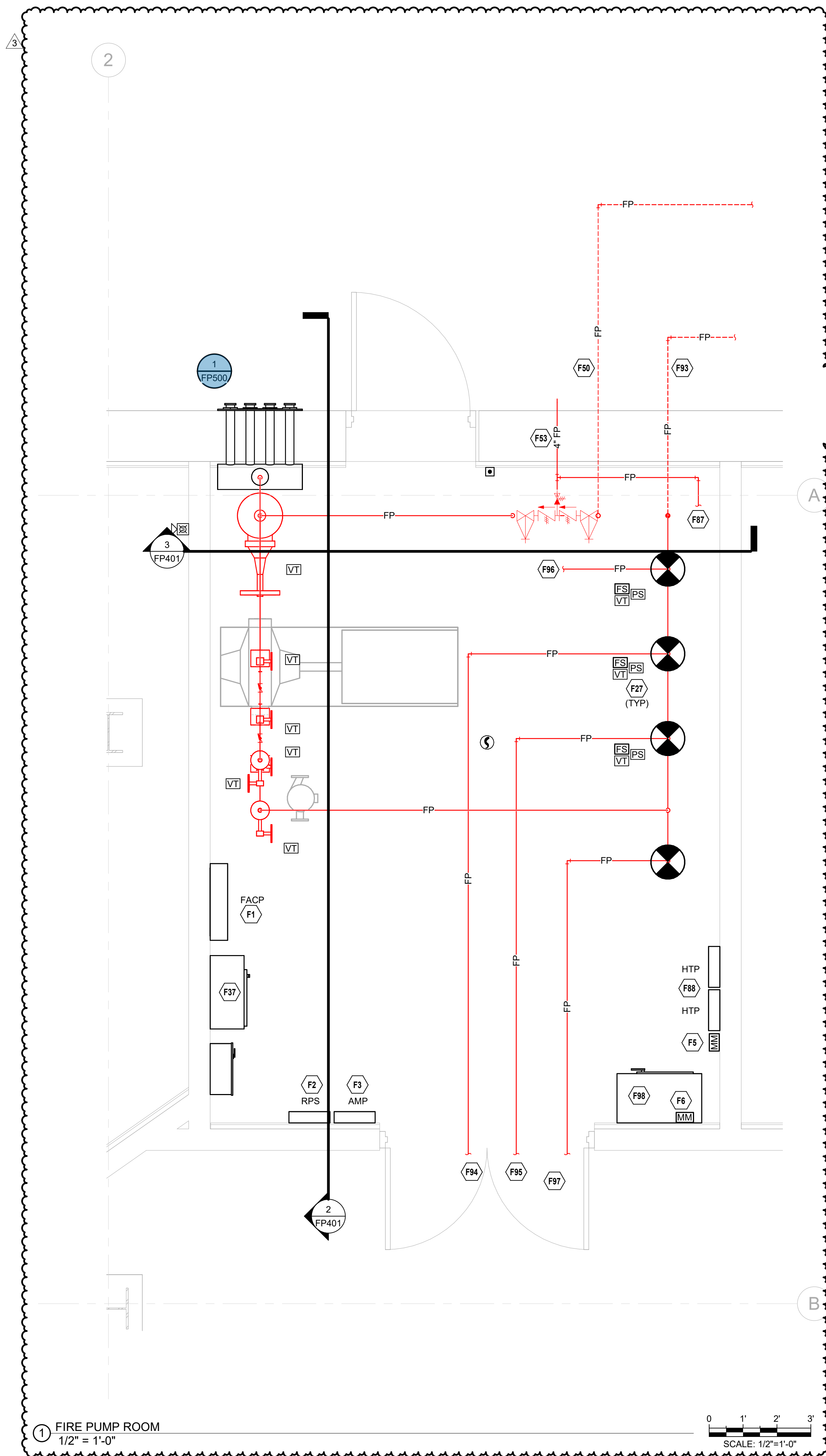


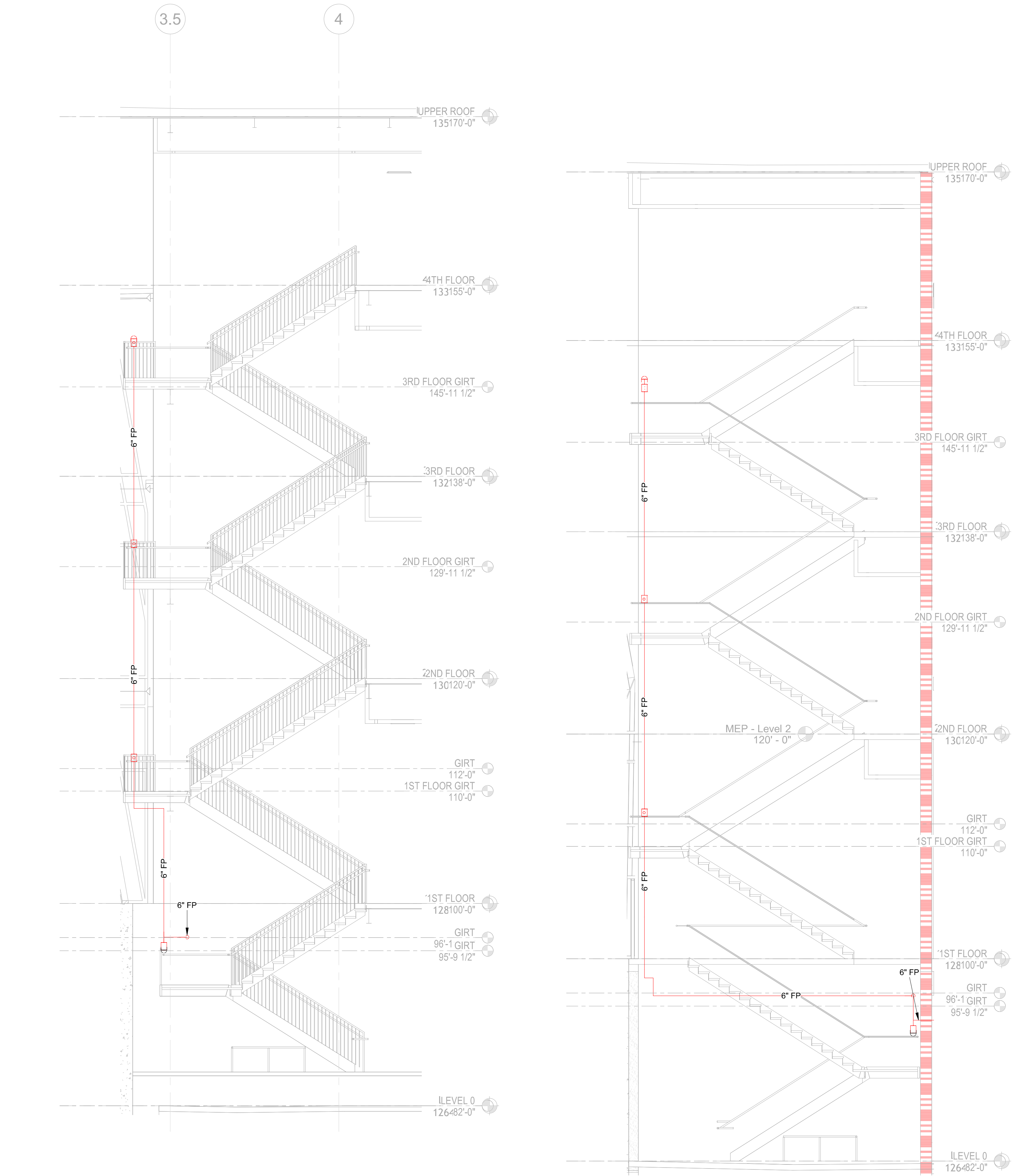
Diagram B shows a cross-section of a roof structure. It features a gabled roof with a chimney on the right side. The roof is labeled 'B'.

① FIRE PROTECTION PLAN - ROOF - AREA B
1/8" = 1'-0"



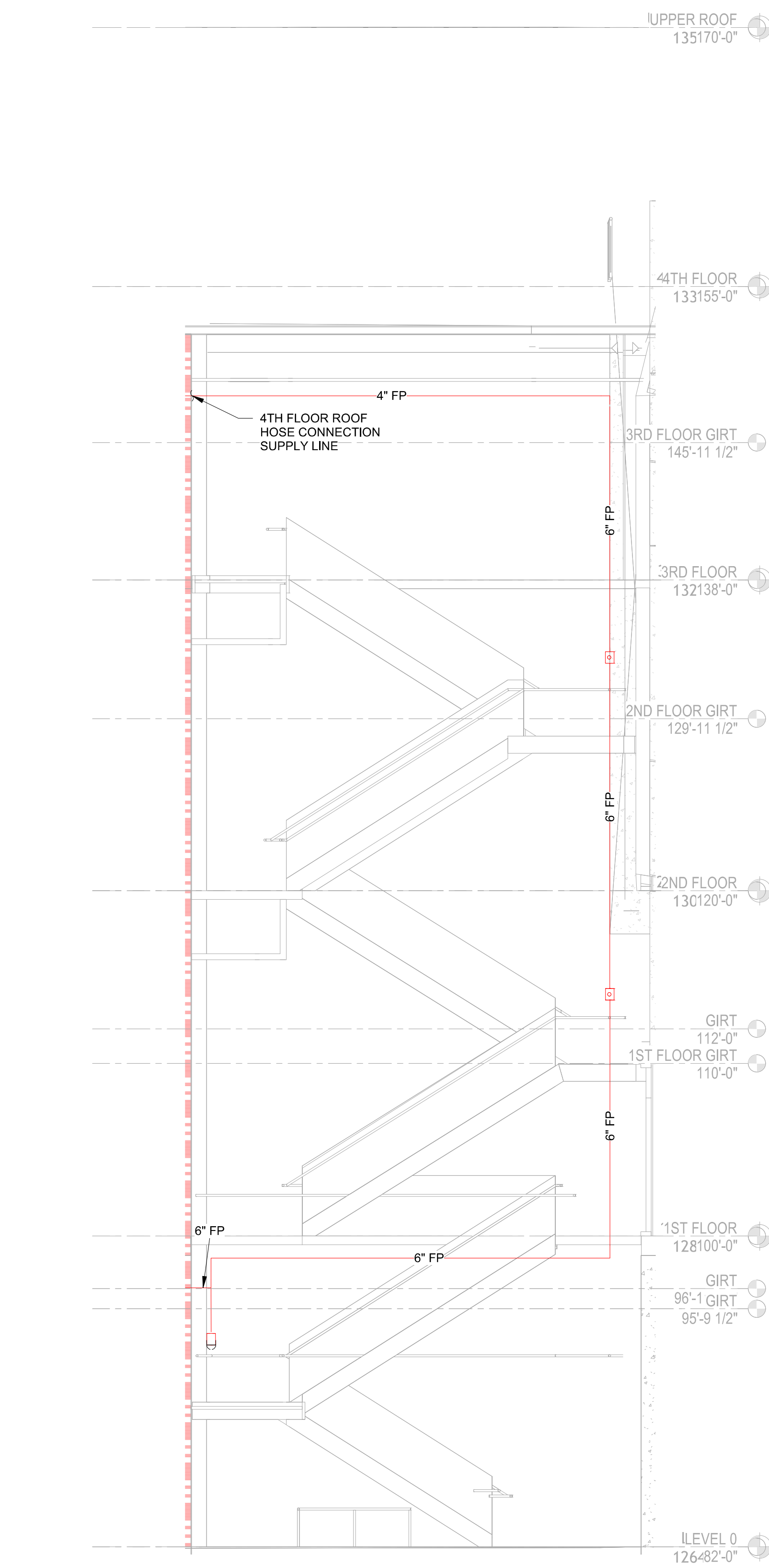
- FIRE PUMP PLAN NOTES:**
- F100.01 ELECTRIC MOTOR DRIVEN FIRE PUMP ASSEMBLY. PROVIDE AIR RELEASE VALVE ON PUMP CASING.
 - F100.02 FIRE PUMP CONTROLLER.
 - F100.03 8" UNDERGROUND WATER SUPPLY.
 - F100.04 PROVIDE 6" BYPASS LINE ROUTED AS SHOWN. INSTALL MINIMUM 84 INCHES ABOVE FINISHED FLOOR ELEVATION.
 - F100.05 6" TO TEST HEADER WITH SIX (3) 2-1/2 INCH TEST VALVES.
 - F100.06 SUPERVISED OS&Y VALVE.
 - F100.07 SUPERVISED BUTTERFLY VALVE.
 - F100.08 SWING TYPE CHECK VALVE.
 - F100.09 DO NOT ROUTE SPRINKLER PIPING OVER ELECTRICAL DISTRIBUTION EQUIPMENT.
 - F100.10 SUPERVISED BUTTERFLY VALVE IN TEST HEADER PIPING. NORMALLY CLOSED.
 - F100.11 ELECTRIC MOTOR DRIVEN PRESSURE MAINTENANCE PUMP.
 - F100.12 PRESSURE MAINTENANCE PUMP CONTROLLER.
 - F100.13 FIRE PUMP TEST HEADER.
 - F100.14 ZURN-WILKINS 4"VOSY BACKFLOW PREVENTER, OR APPROVED EQUAL.
 - F100.15 ROUTE TO REMOTE FIRE DEPARTMENT CONNECTION.



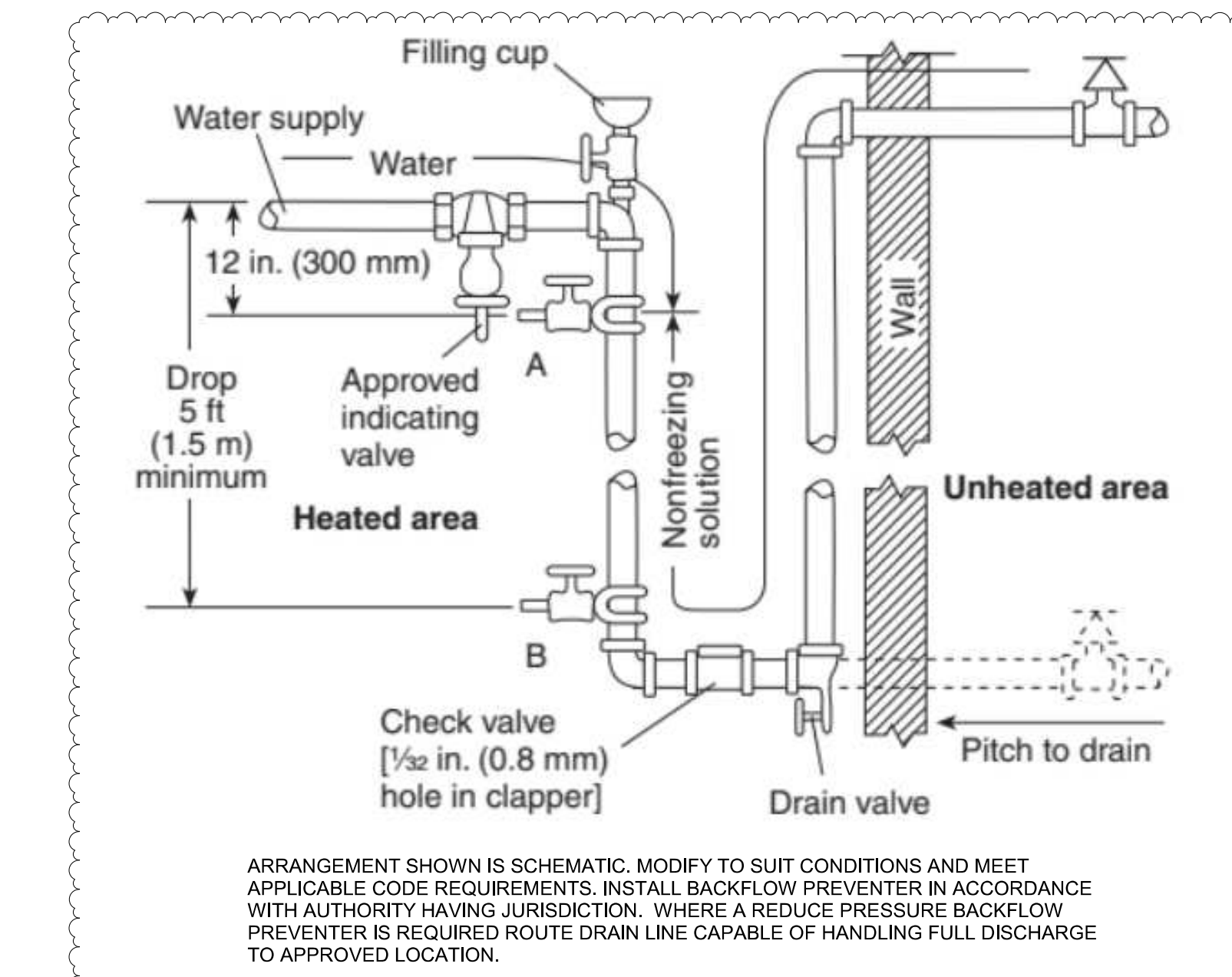


8 STAIRWELL 1 STANDPIPE
3/16" = 1'-0"

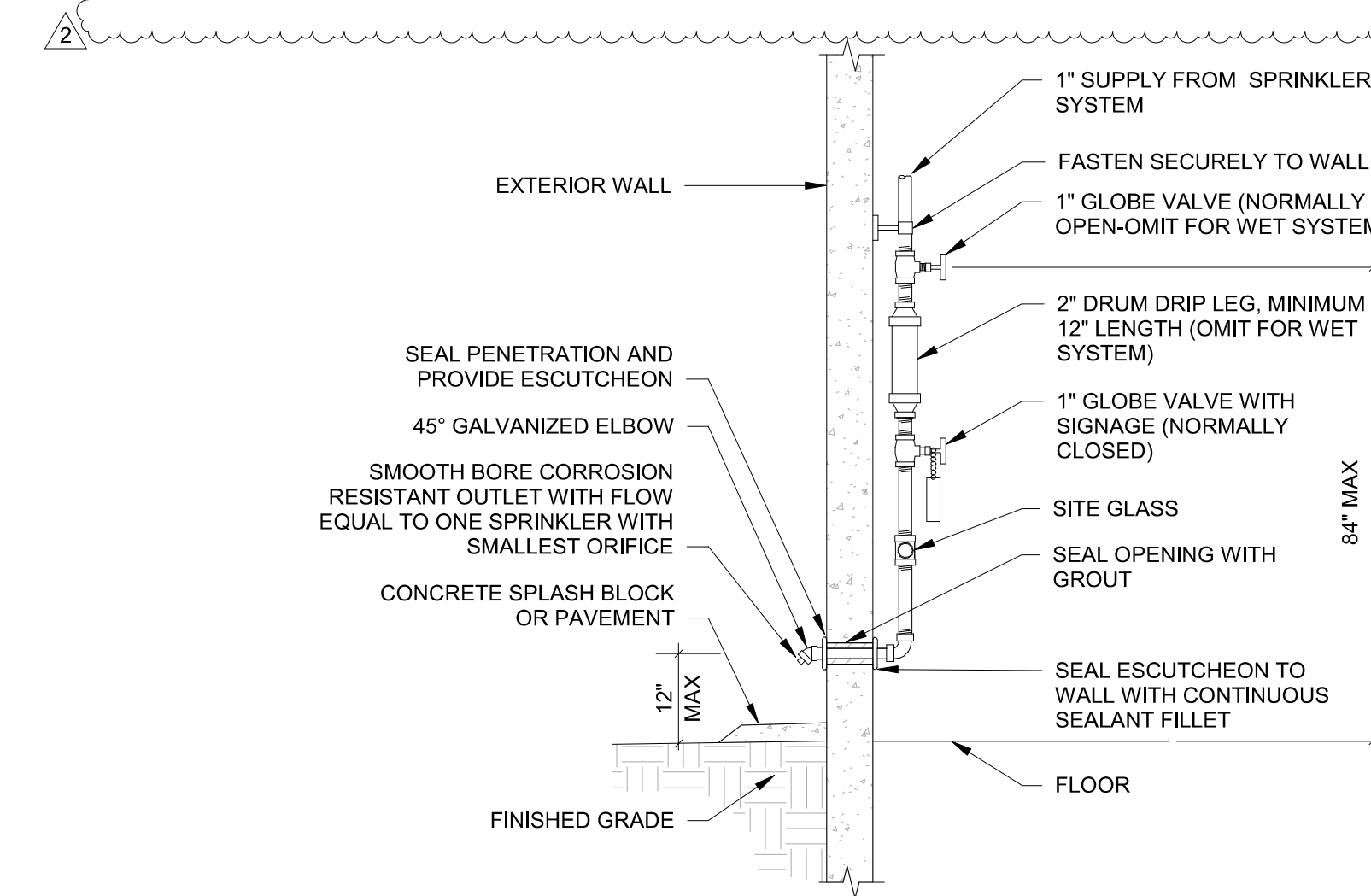
7 STAIRWELL 2 STANDPIPE
3/16" = 1'-0"



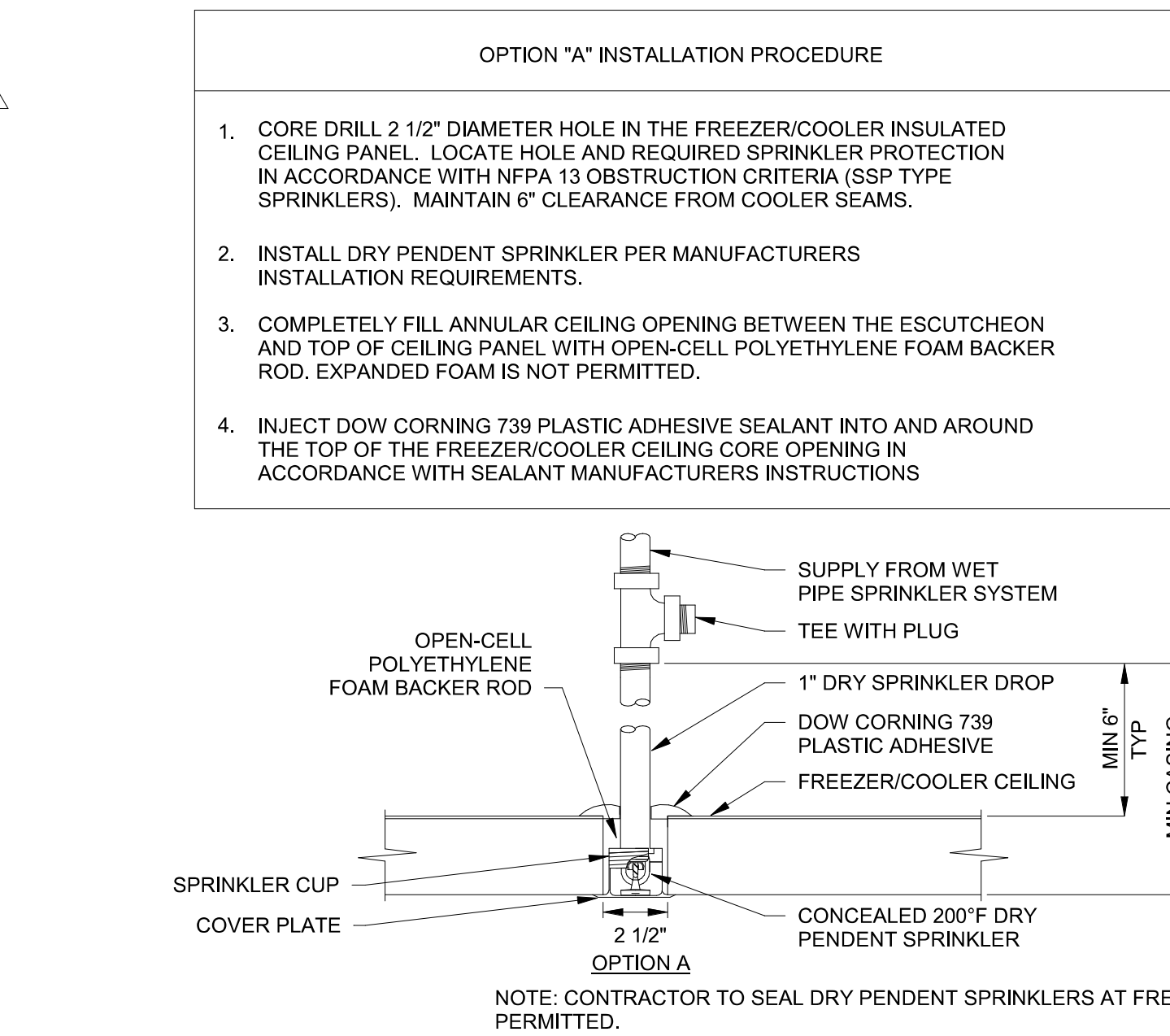
9 STAIRWELL 3 STANDPIPE
3/16" = 1'-0"



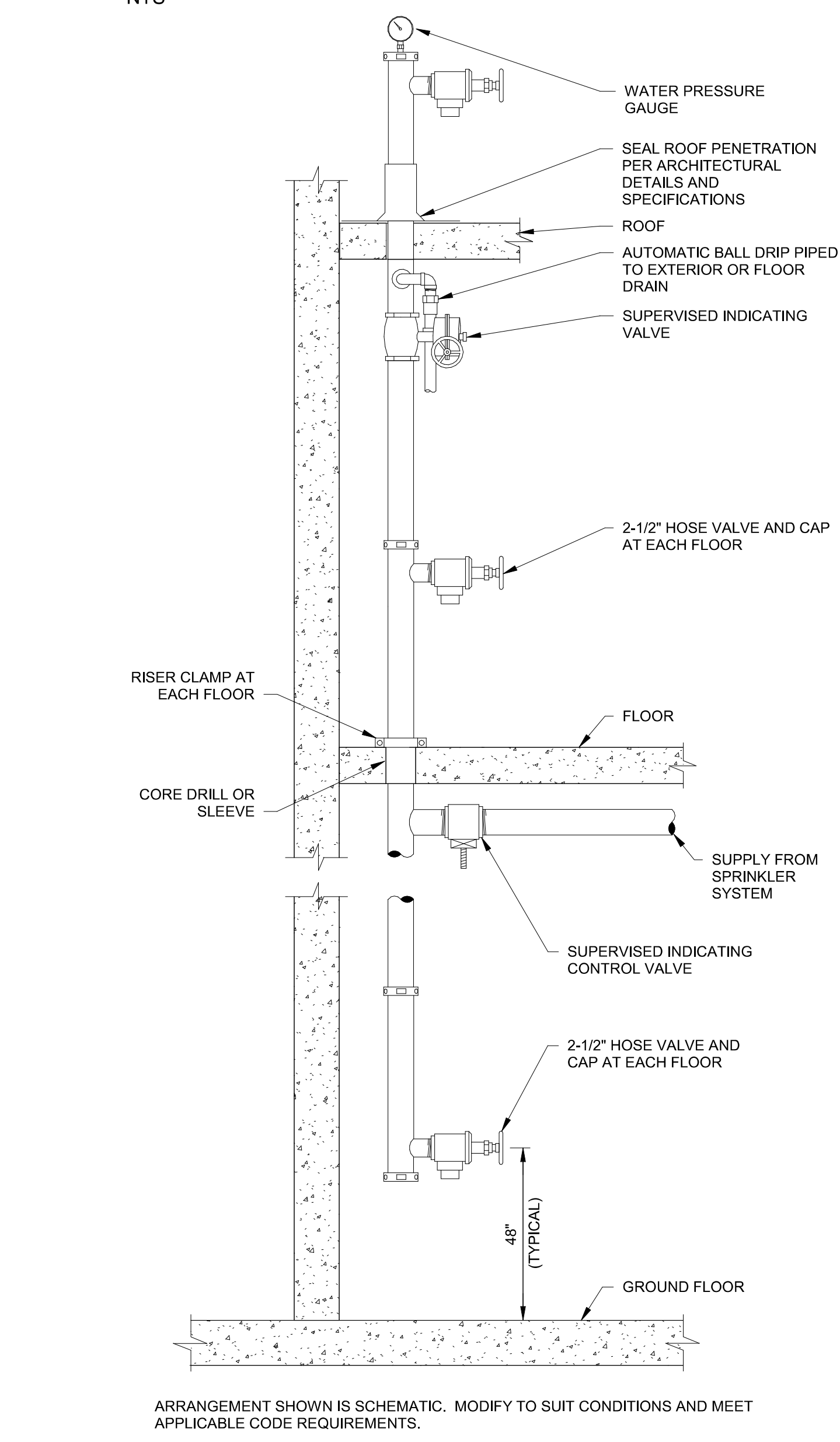
10 FIRE PROTECTION ANTI-FREEZE SYSTEM WITH BACKFLOW PREVENTER
NTS



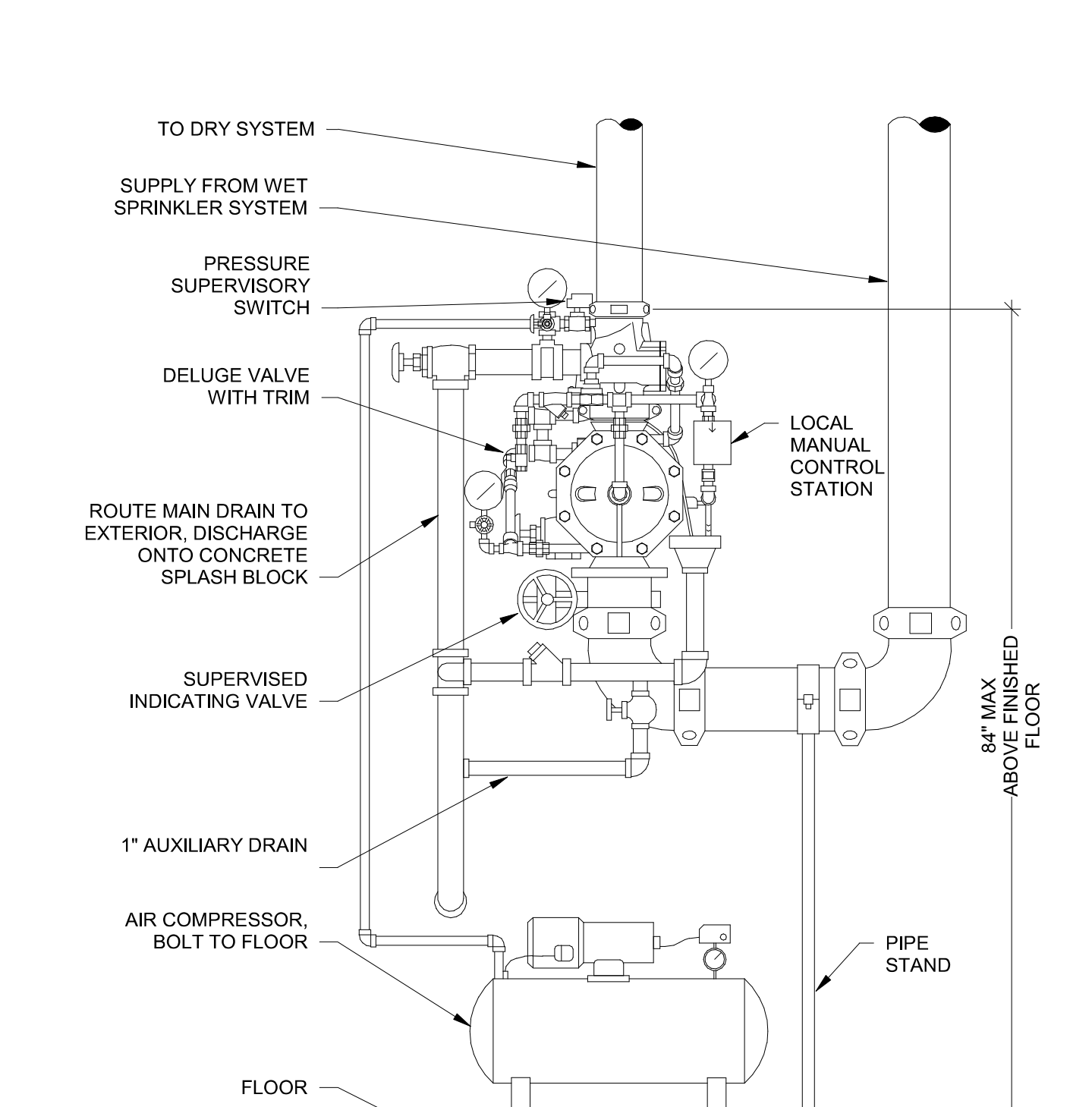
12 INSPECTOR'S TEST / AUXILIARY DRAIN
NTS



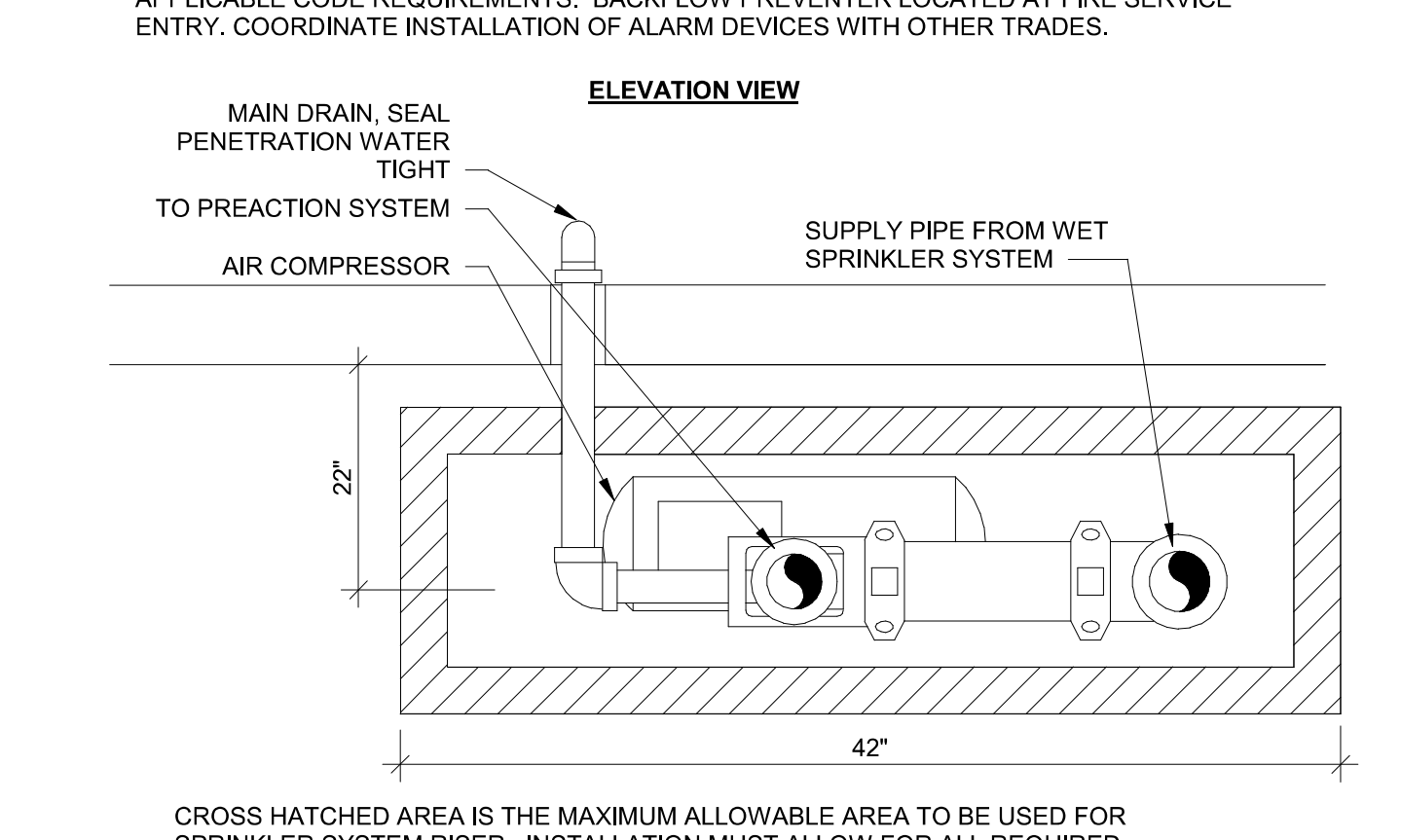
2 FREEZE-COOLER DRY PENDENT SPRINKLER
NTS



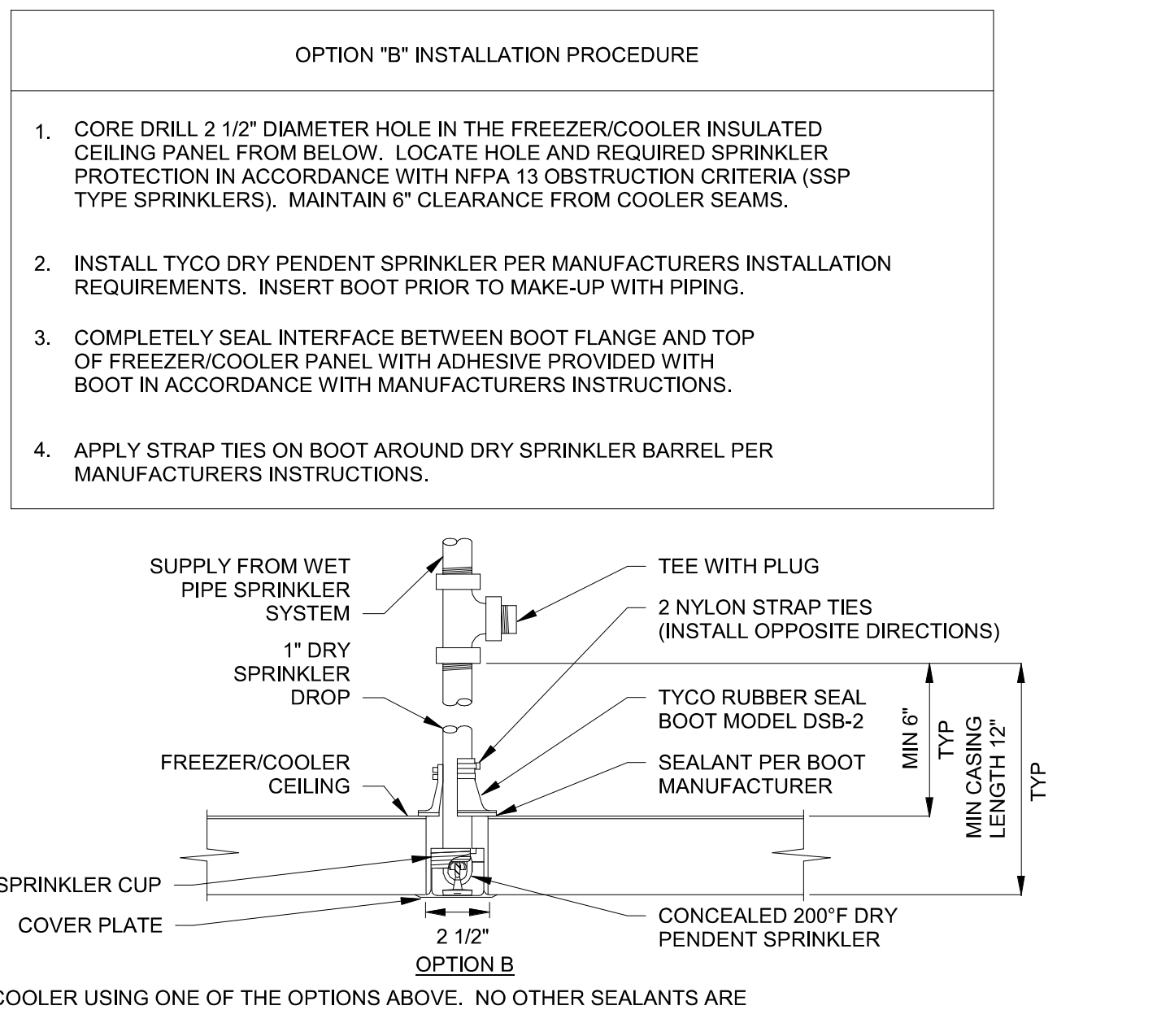
5 WET STANDPIPE RISER
NTS



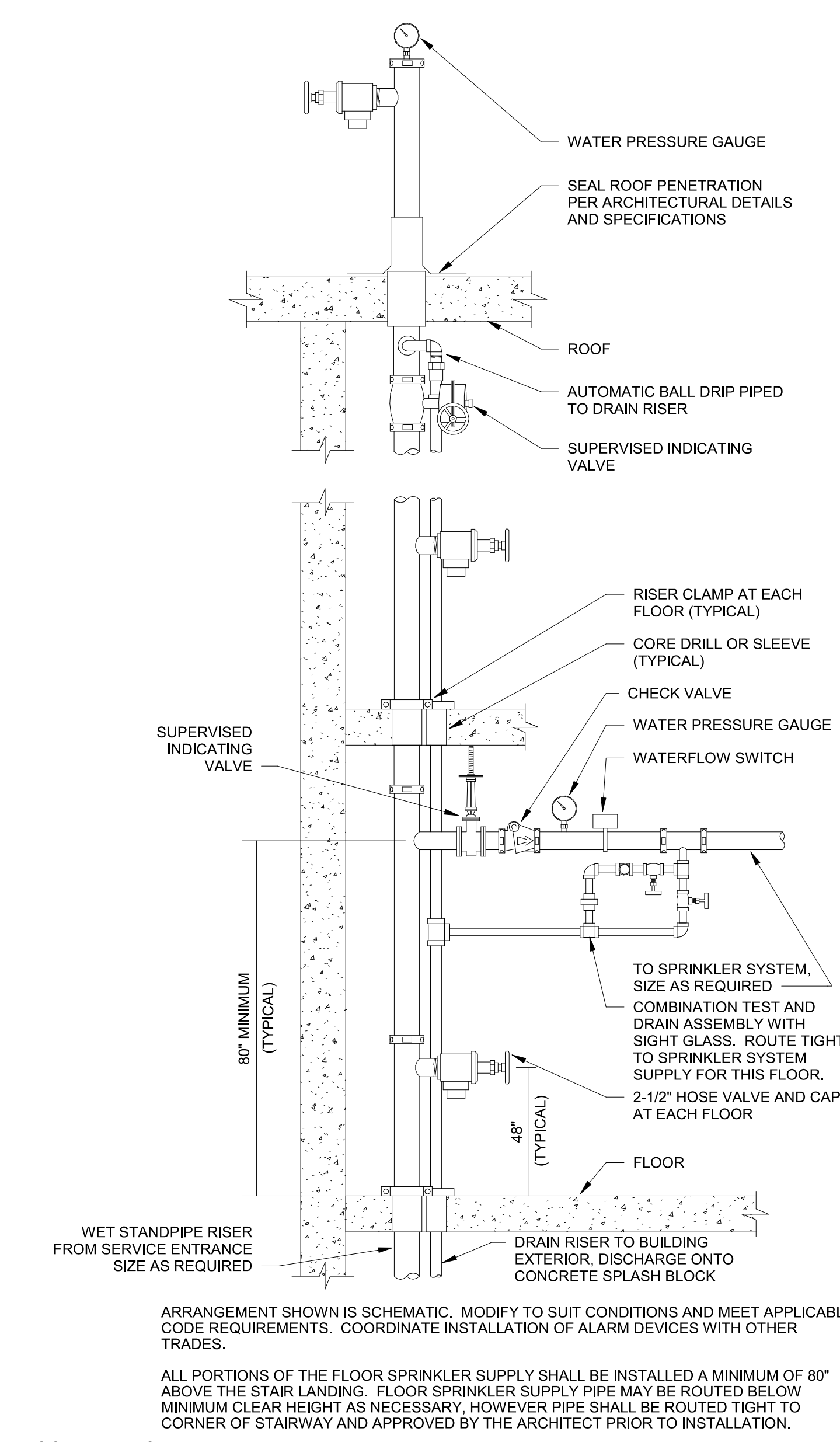
4 COMBINATION
STANDPIPE / SPRINKLER RISER
NTS



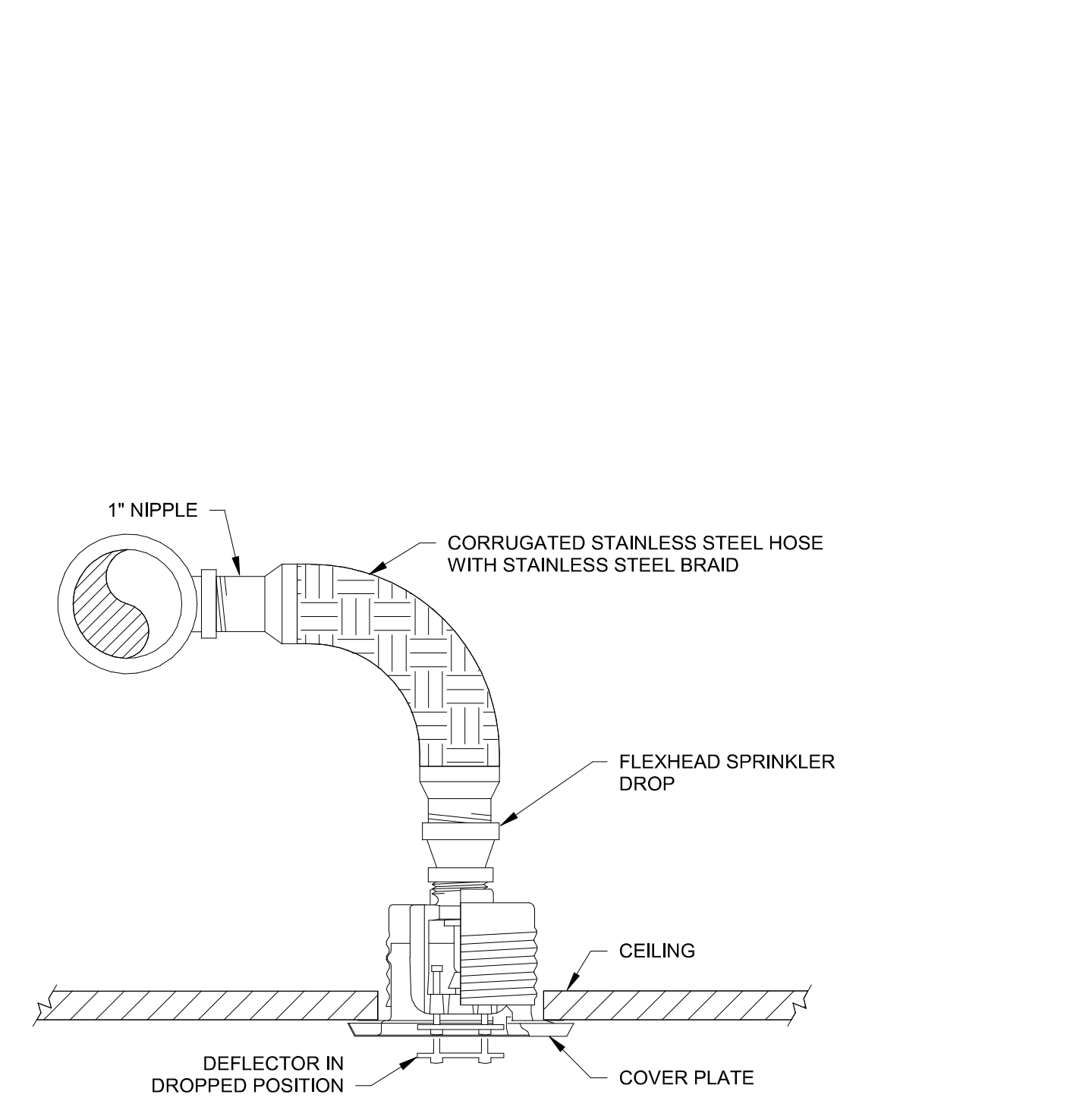
6 FIRE SERVICE ENTRY
NTS



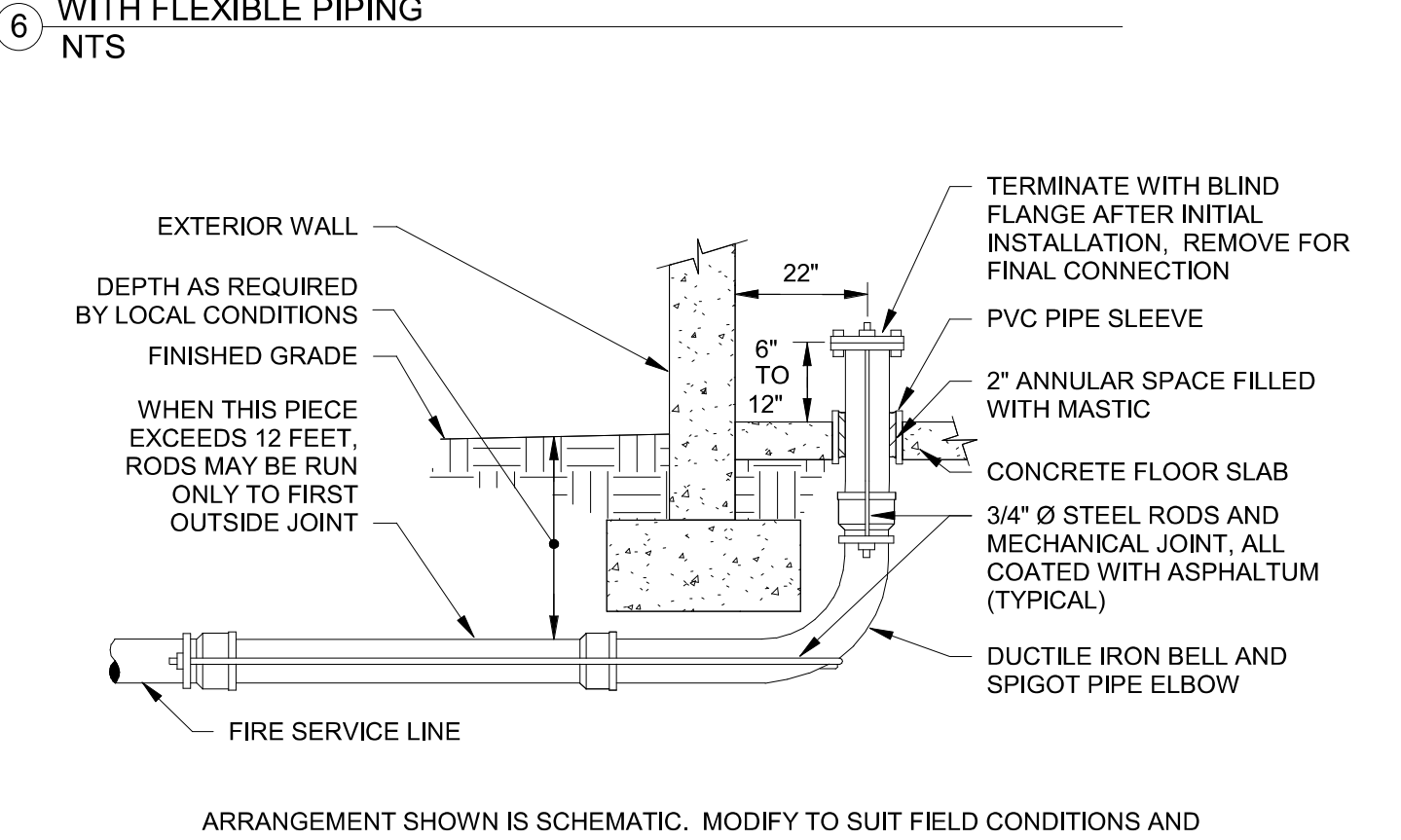
3 FREEZE-COOLER DRY PENDENT SPRINKLER
NTS



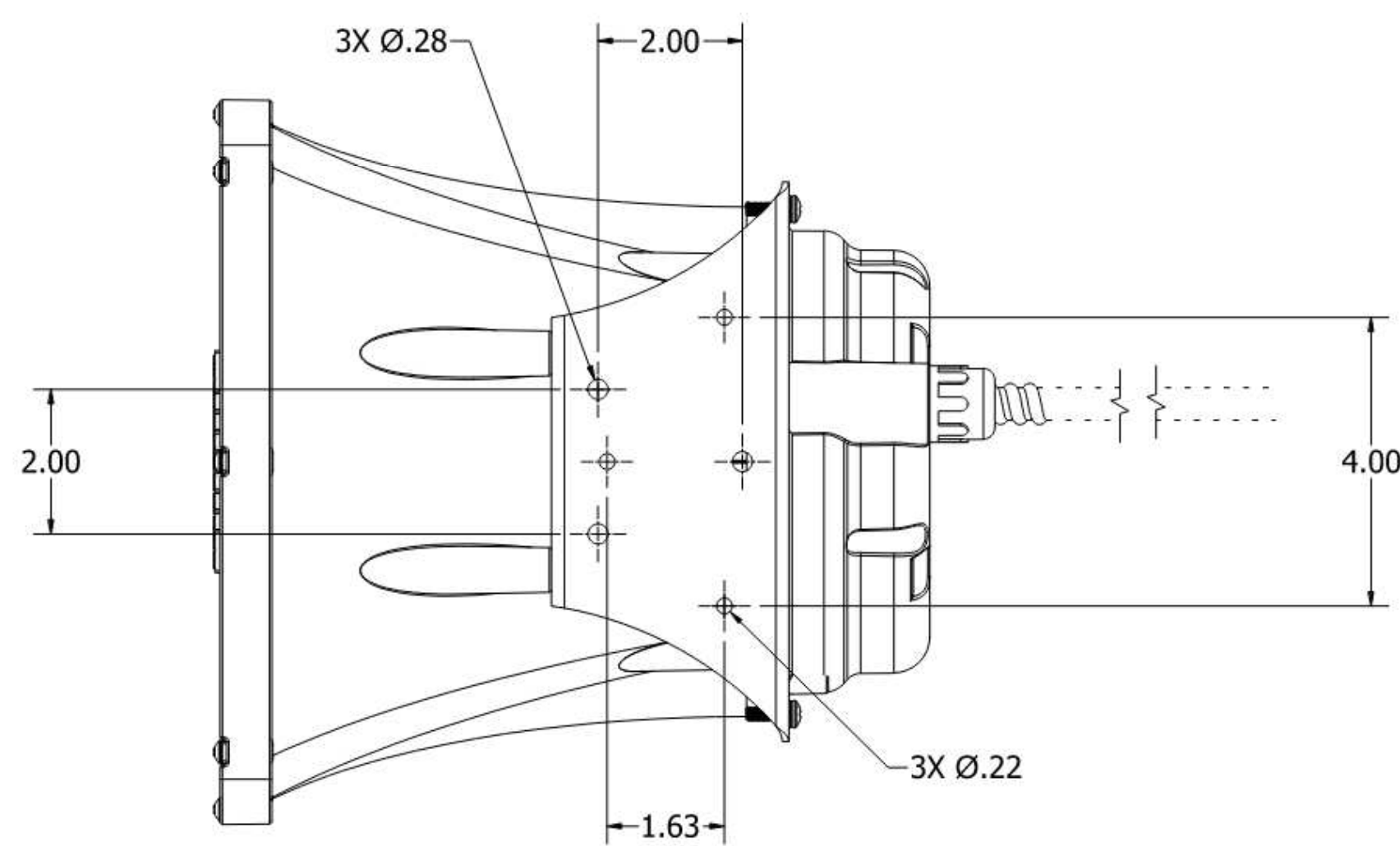
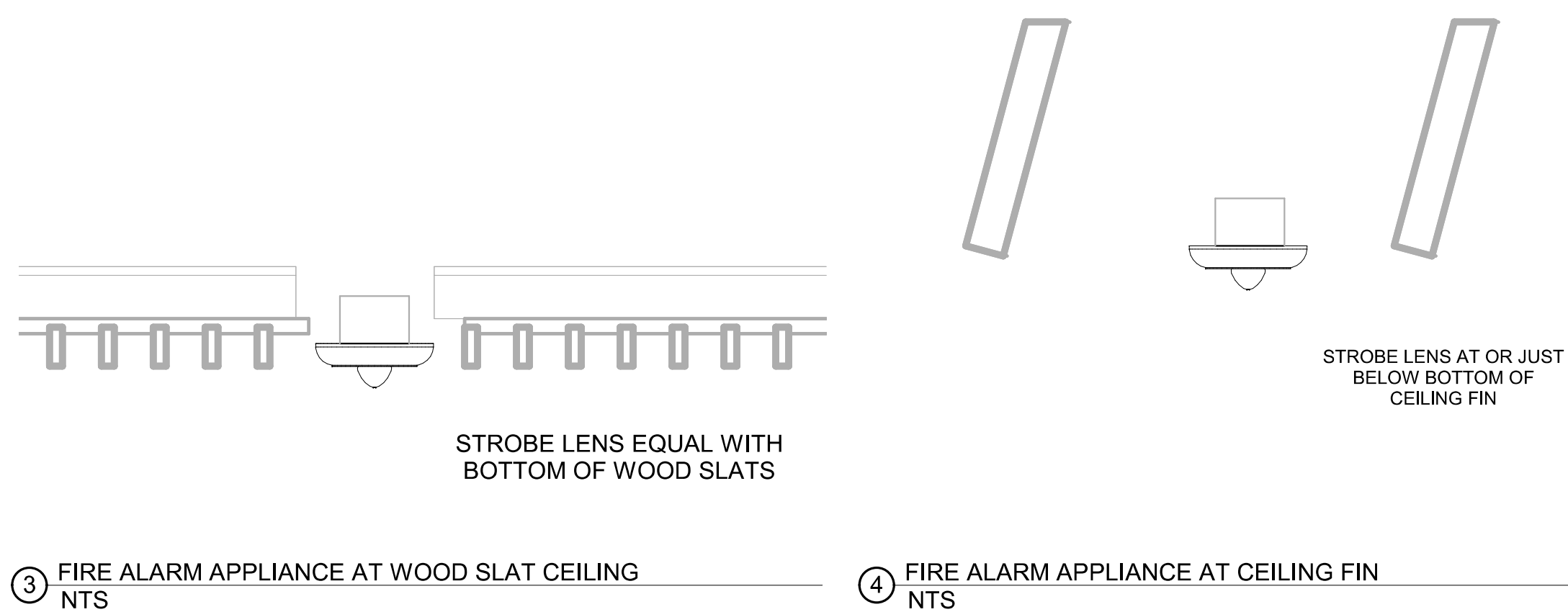
10 FIRE PROTECTION ANTI-FREEZE SYSTEM WITH BACKFLOW PREVENTER
NTS



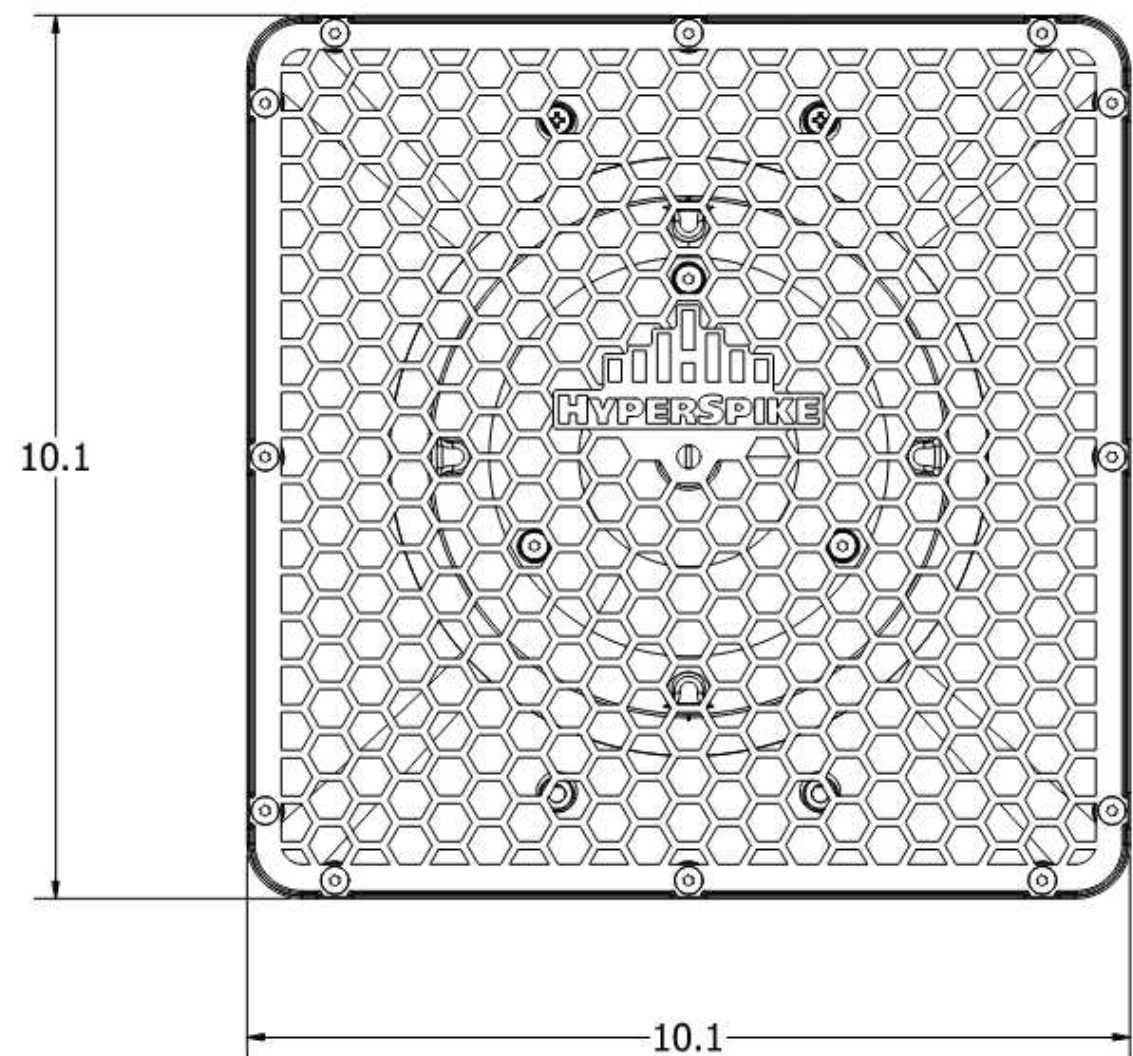
12 INSPECTOR'S TEST / AUXILIARY DRAIN
NTS



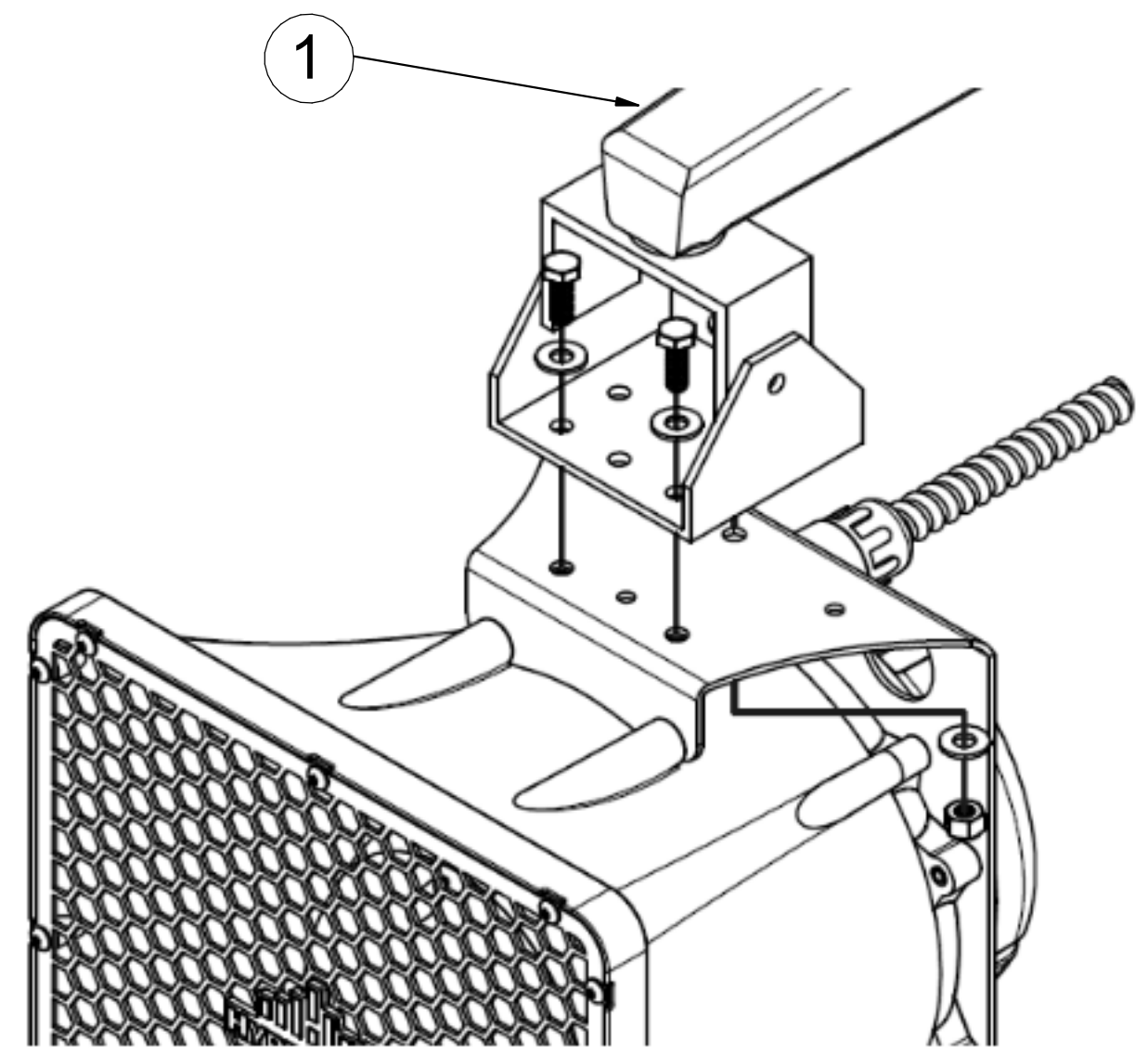
6 FIRE SERVICE ENTRY
NTS



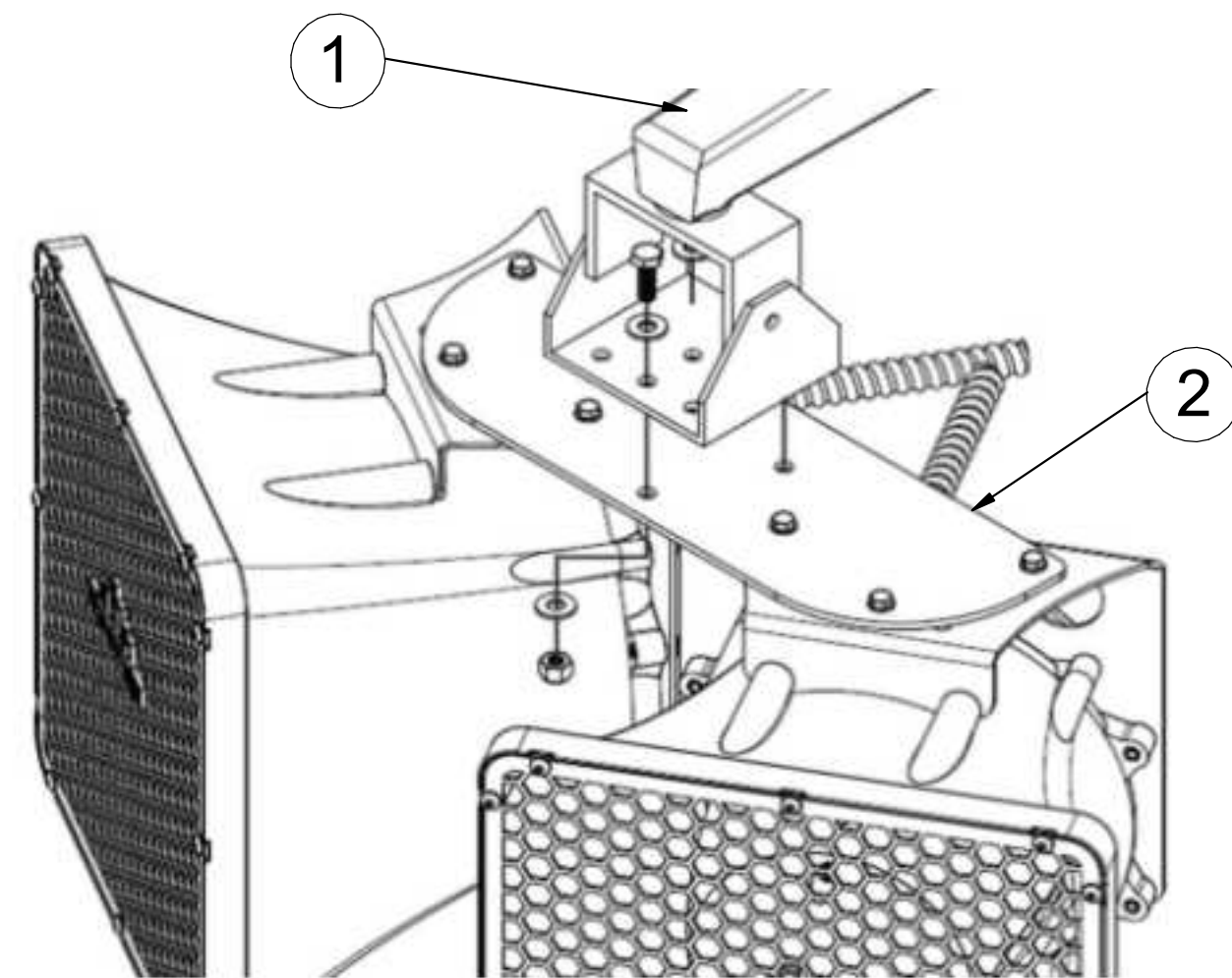
⑤ SINGLE E-MOUNTED FIRE ALARM SPEAKER NTS



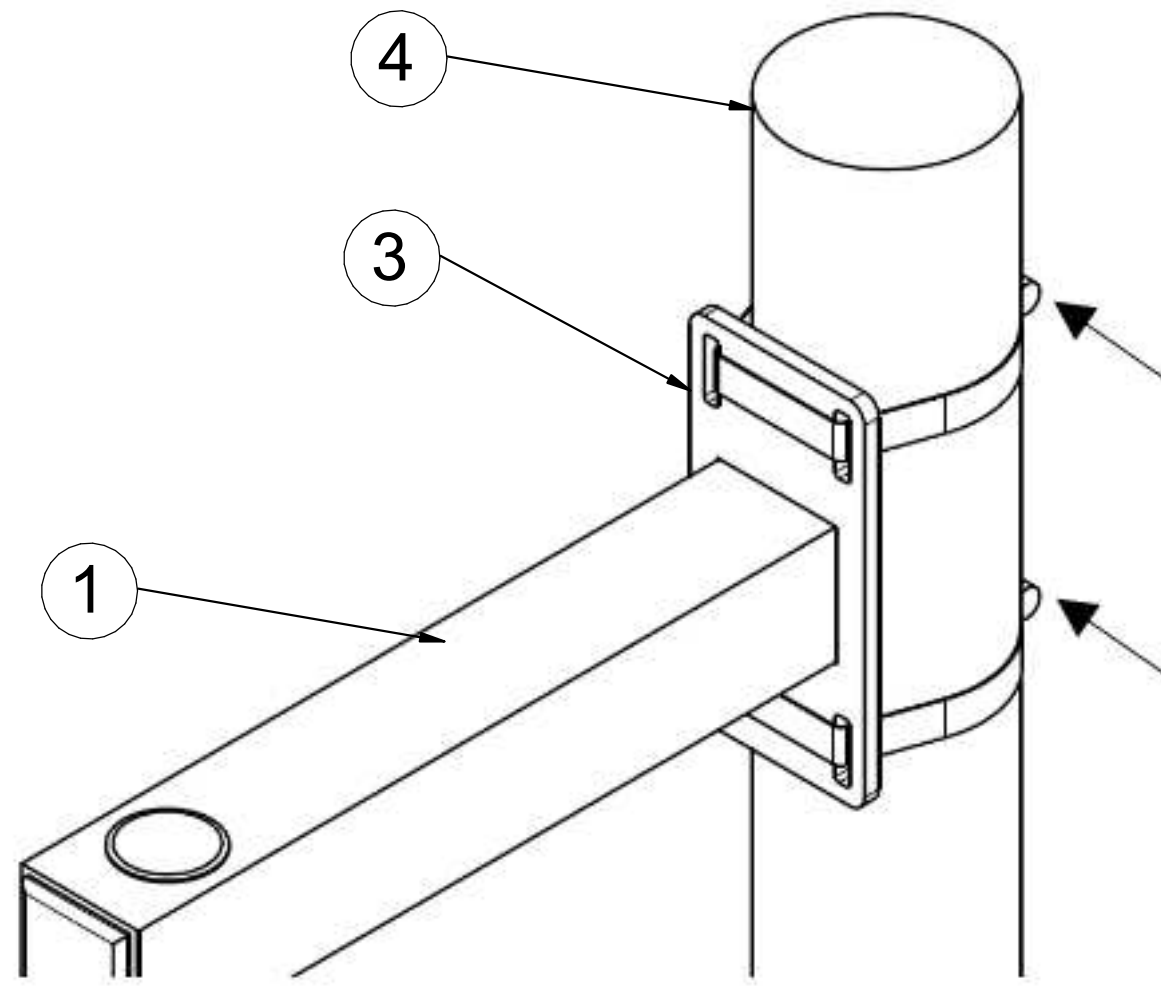
⑦ HIGH-POWER FIRE ALARM SPEAKER NTS



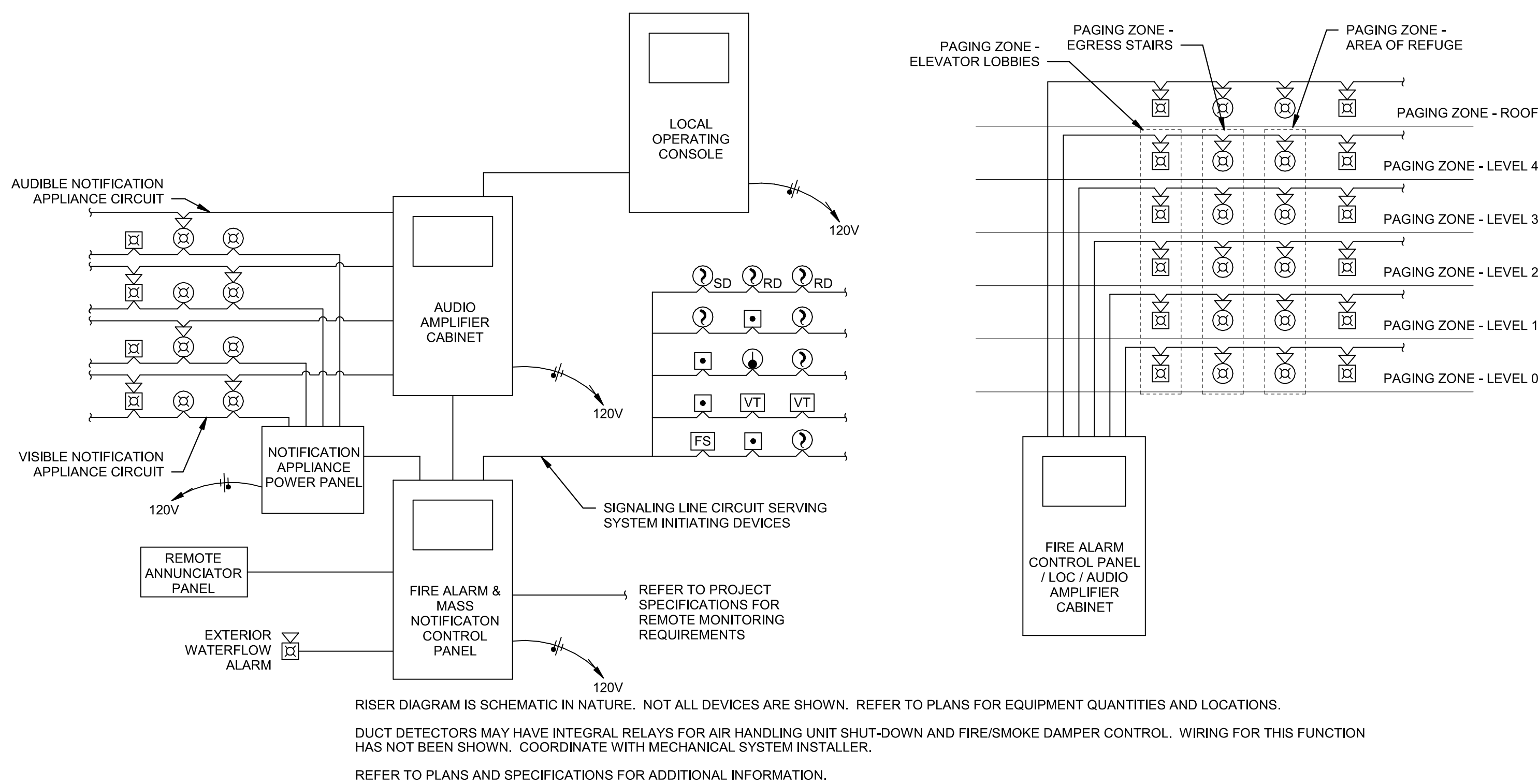
ACCESSORY LIST		
ITEM	PART NUMBER	DESCRIPTION
1	72377B-801	WALL MOUNT BRACKET
2	72378B-801	DUAL UNIT MOUNTING ADAPTER
3	72379B-801	POLE MOUNT ADAPTER
4	N/A	MOUNTING POLE (BY OTHERS)



⑥ DUAL-MOUNTED FIRE ALARM SPEAKER NTS



⑧ FIRE ALARM SPEAKER POLE MOUNTING DETAIL NTS



① FIRE ALARM & MASS NOTIFICATION SYSTEM RISER DIAGRAM NTS

SYSTEM INPUTS	PRIORITY										SYSTEM OUTPUTS									
	ALARM	SUPERVISORY	TRouble	REPORT TO FIRE ALARM CONTROL PANEL	SIGNAL SUPERVISORY STATION	ACTIVATE FIRE ALARM	ACTIVATE FIRE ALARM	ACTIVATE FIRE ALARM	ACTIVATE FIRE ALARM	ACTIVATE FIRE ALARM	ACTIVATE FIRE ALARM	ACTIVATE FIRE ALARM	ACTIVATE FIRE ALARM	ACTIVATE FIRE ALARM	ACTIVATE FIRE ALARM	ACTIVATE FIRE ALARM	ACTIVATE FIRE ALARM	ACTIVATE FIRE ALARM	ACTIVATE FIRE ALARM	ACTIVATE FIRE ALARM
SIGNALING LINE OR NOTIFICATION APPLIANCE CIRCUIT - OPEN	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SIGNALING LINE OR NOTIFICATION APPLIANCE CIRCUIT - SHORT	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SIGNALING LINE OR NOTIFICATION APPLIANCE CIRCUIT - GROUND	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
FIRE ALARM / MASS NOTIFICATION CONTROL PANEL LOSS OF POWER	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MANUAL PULL STATION	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SMOKE DETECTOR - SPOT TYPE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SMOKE DETECTOR - DUCT MOUNTED	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HEAT DETECTOR - SPOT TYPE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
WATERFLOW ALARM SWITCH	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
VALVE TAMPER SWITCH	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LOW/HIGH AIR PRESSURE SWITCH	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
KITCHEN HOOD SUPPRESSION SYSTEM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
FIRE DEPARTMENT KEY BOX TAMPER SWITCH (KNOX BOX)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SMOKE DETECTOR - ELEVATOR LOBBY - PRIMARY FLOOR	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SMOKE DETECTOR - ELEVATOR LOBBY - ALTERNATE FLOOR(S)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SMOKE DETECTOR - ELEVATOR TOP OF HOISTWAY	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HEAT DETECTOR - HIGHEST FLOOR ELEVATOR LOBBY (CONTROLLER LOCATION)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HEAT DETECTOR - ELEVATOR HOISTWAY PIT	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MASS NOTIFICATION LOCAL OPERATING CONSOLE (LOC) ACTIVATION	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MASS NOTIFICATION REMOTE SIGNAL	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
FIRE PROTECTION HEAT TRACE LOSS OF POWER / FAULT	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
FIRE PROTECTION HEAT TRACE FAULT (LOW/HIGH TEMP. LOW/HIGH CURRENT. HIGH GTEP. SENSOR FAILURE)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CARBON MONOXIDE (CO) DETECTOR - CO DETECTED	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CARBON MONOXIDE (CO) DETECTOR - TROUBLE/FAULT	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
NITROGEN GENERATOR RUNNING	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
NITROGEN LEAK DETECTION	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
NITROGEN PURITY ALARM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
NITROGEN GENERATOR POWER LOSS	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DOUBLE INTERLOCK PREACTION SPRINKLER - FIRST INTERLOCK	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DOUBLE INTERLOCK PREACTION SPRINKLER - SECOND INTERLOCK	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DOUBLE INTERLOCK PREACTION SPRINKLER - MANUAL EMERGENCY STATION AT VALVE	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
DOUBLE INTERLOCK PREACTION SPRINKLER - SUPERVISORY AIR SWITCH	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LOW TEMPERATURE SUPERVISORY SWITCH	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

②

② FIRE ALARM SEQUENCE OF OPERATIONS NTS

CONTRACTOR TO PROVIDE ALL NECESSARY EQUIPMENT AND CONNECTIONS REQUIRED TO ACCOMPLISH THE FUNCTIONS INDICATED, AT MINIMUM.

SEQUENCE OF OPERATIONS INDICATED IS SCHEMATIC. MODIFY TO SUIT CONDITIONS AND MEET APPLICABLE CODE REQUIREMENTS.

PSW Job Number:

993A

Henderson Job Number:

2150002607

05/10/2024



AWSOM
Bentonville, AR

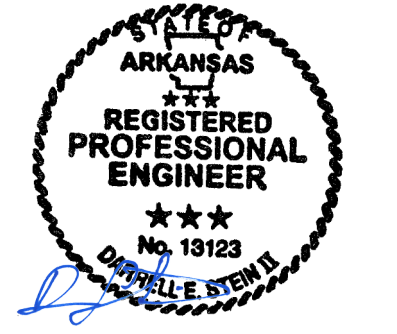
Issue Date:

02.24.2023

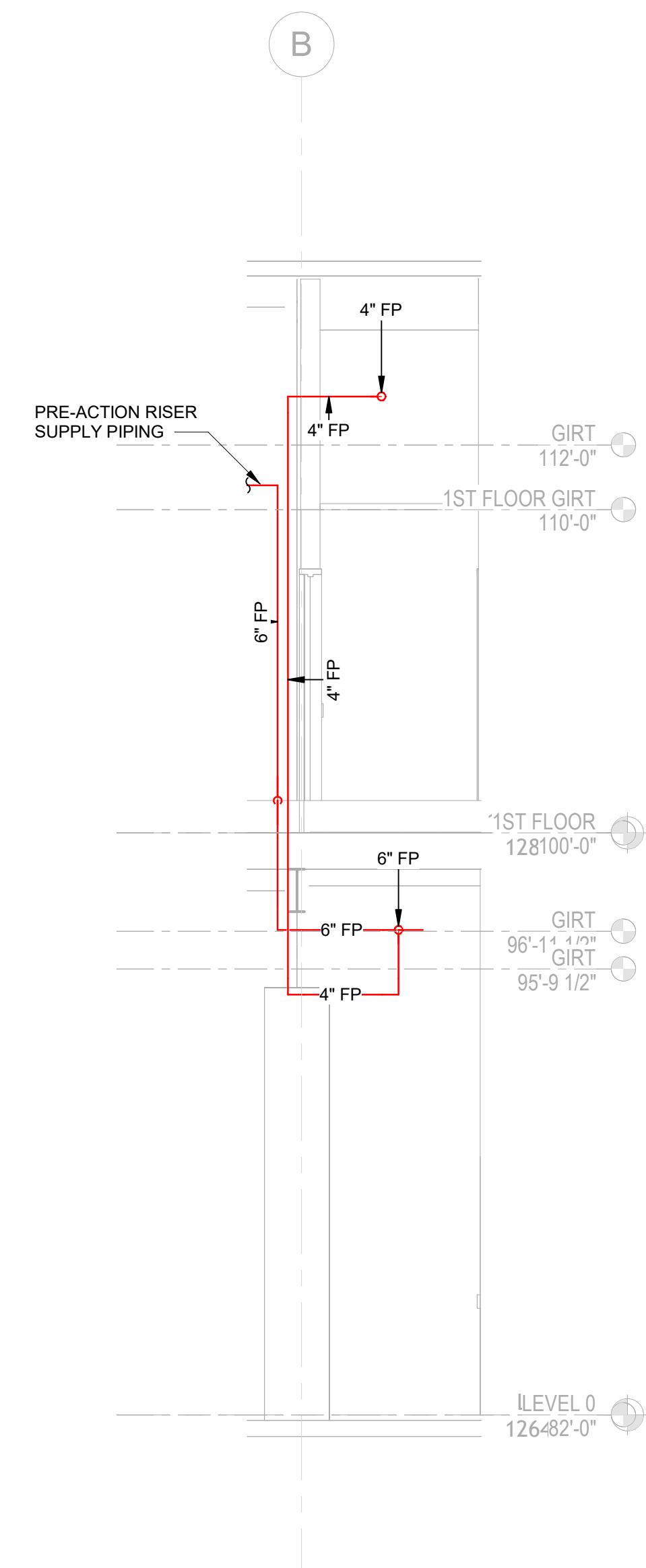
REVISIONS		
NUMBER	DATE	DESCRIPTION
1	03.10.23	Addendum 1
2	06.03.23	Addendum 2
3	07.25.24	Rev. 029
4	05.10.24	PR. 053

Contents:

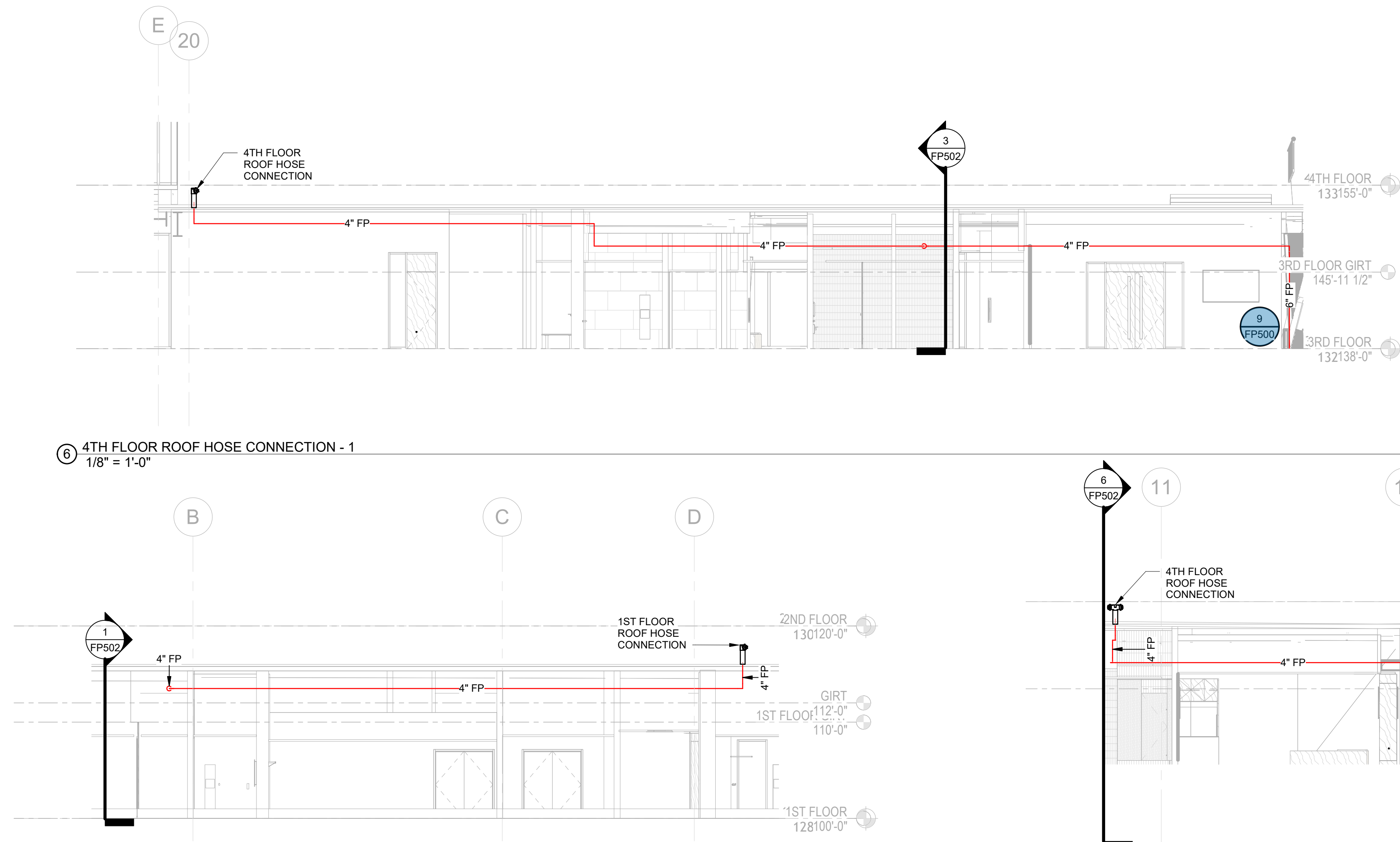
**FIRE
PROTECTION
DETAILS**



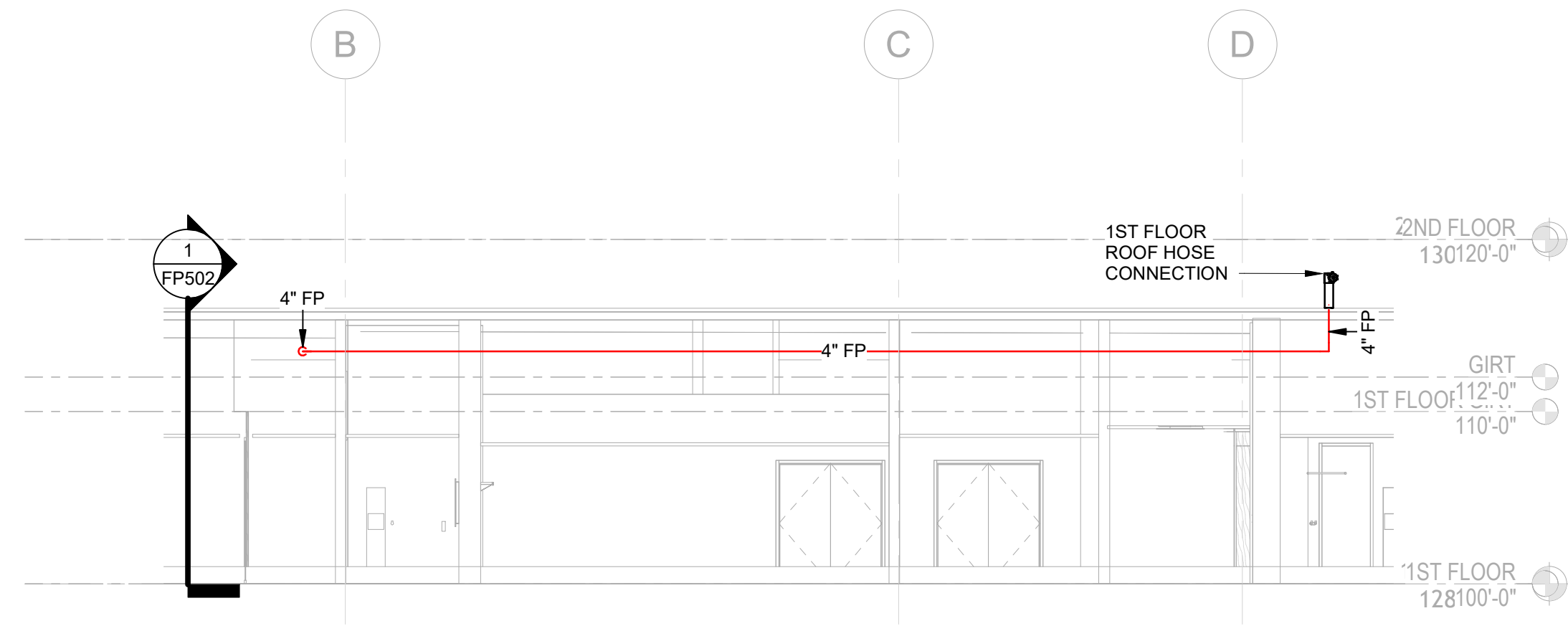
REVISIONS		
NUMBER	DATE	DESCRIPTION
1	03/10/23	Addendum 1



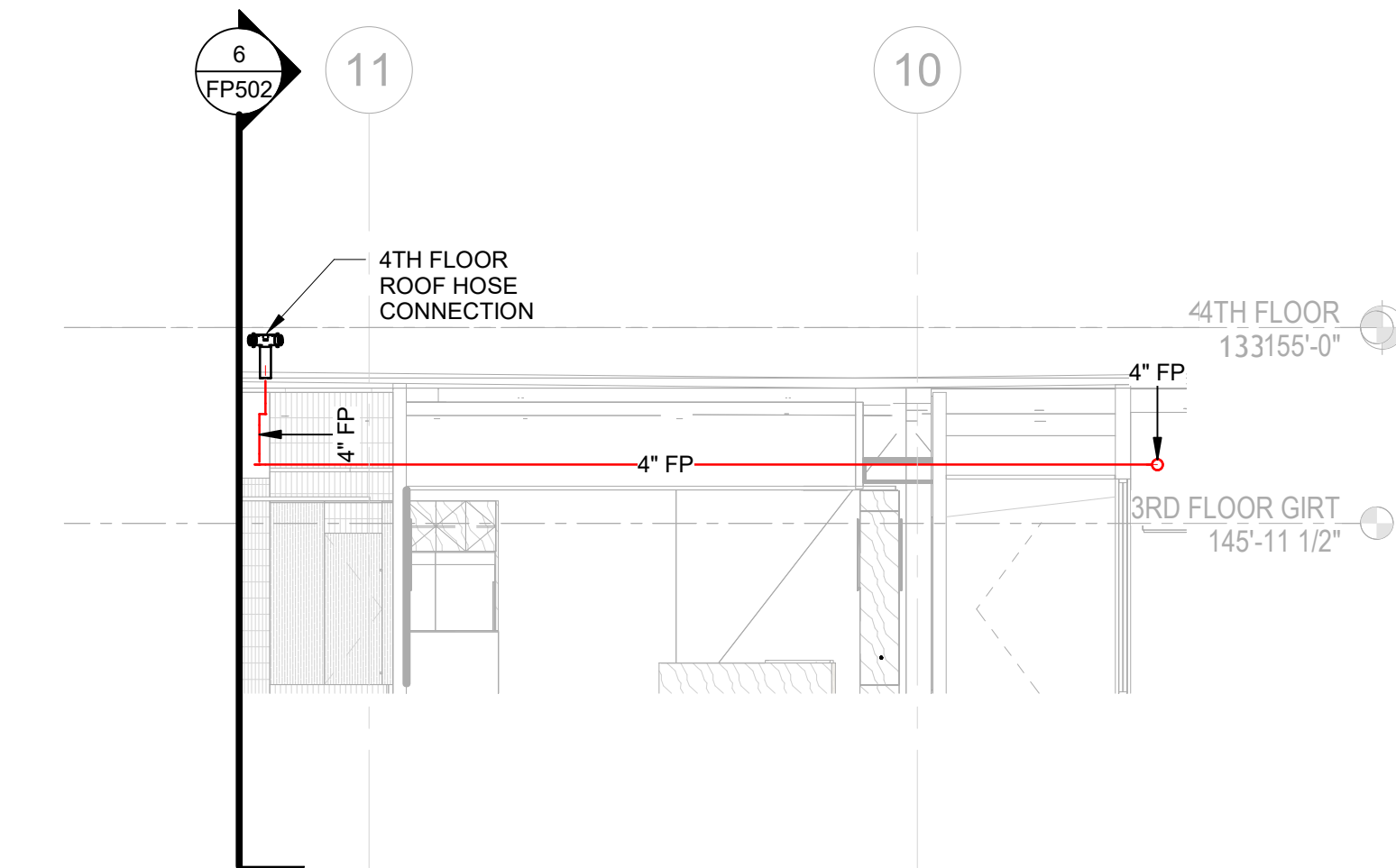
5 1ST AND 3RD FLOOR ROOF HOSE CONNECTION SUPPLY PIPING
1/4" = 1'-0"



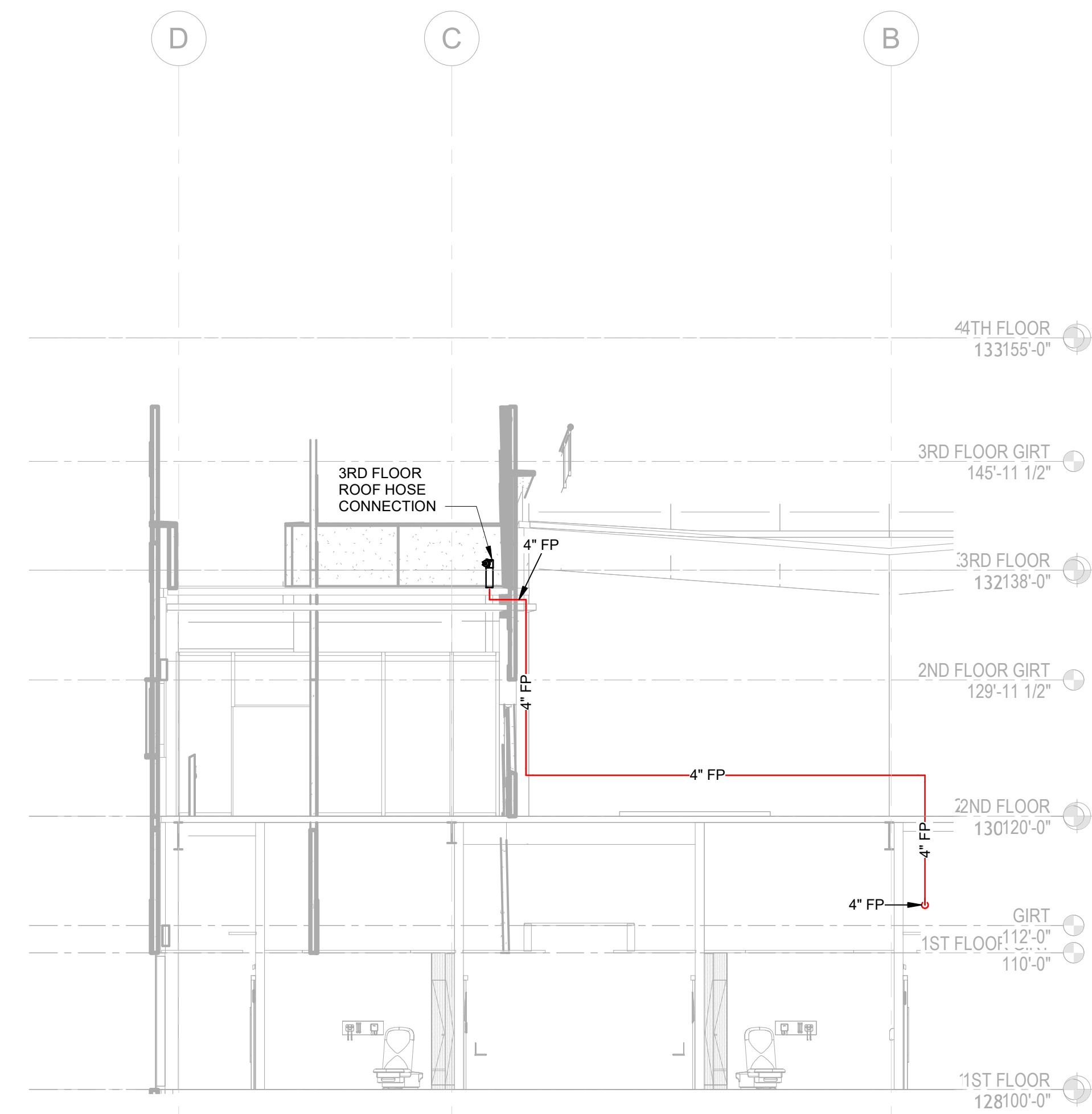
6 4TH FLOOR ROOF HOSE CONNECTION - 1
1/8" = 1'-0"



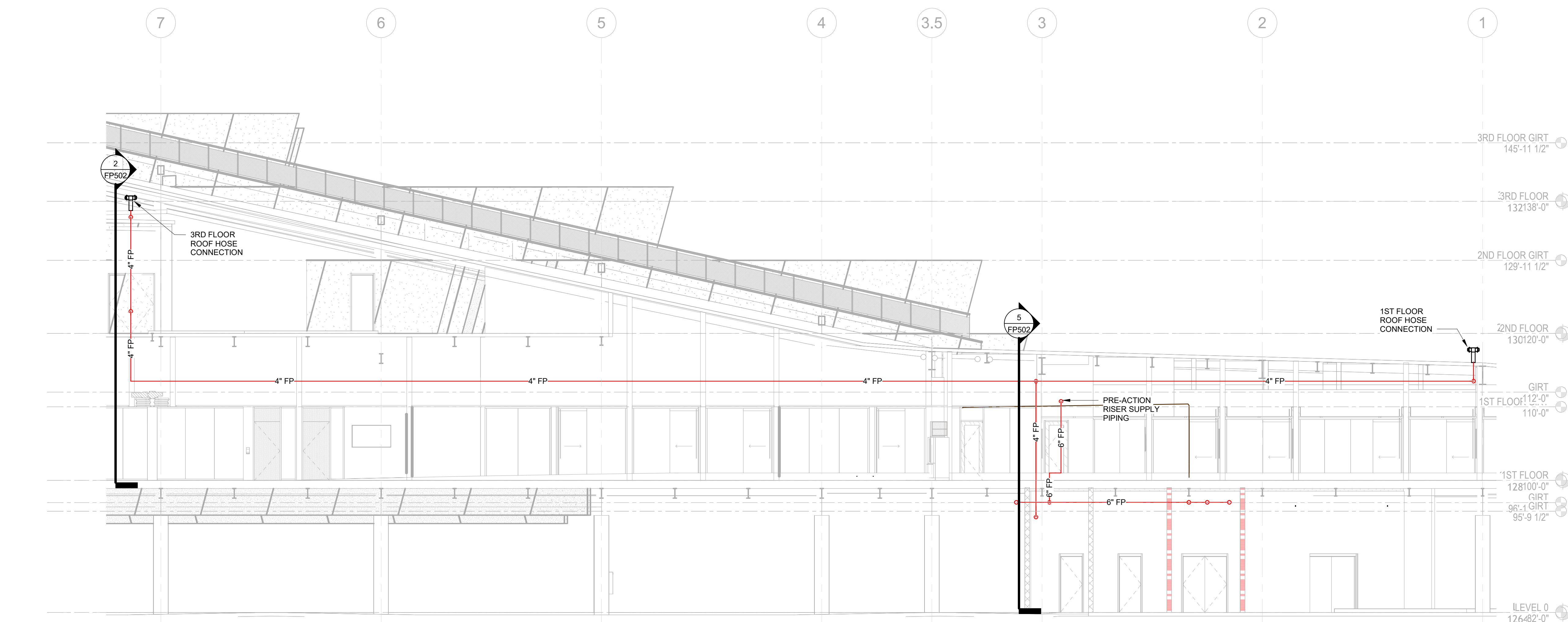
4 1ST FLOOR ROOF HOSE CONNECTION
1/8" = 1'-0"



3 4TH FLOOR ROOF HOSE CONNECTION - 2
1/8" = 1'-0"



2 3RD FLOOR ROOF HOSE CONNECTION PIPING
1/8" = 1'-0"



1 1ST AND 3RD FLOOR ROOF HOSE CONNECTION
1/8" = 1'-0"