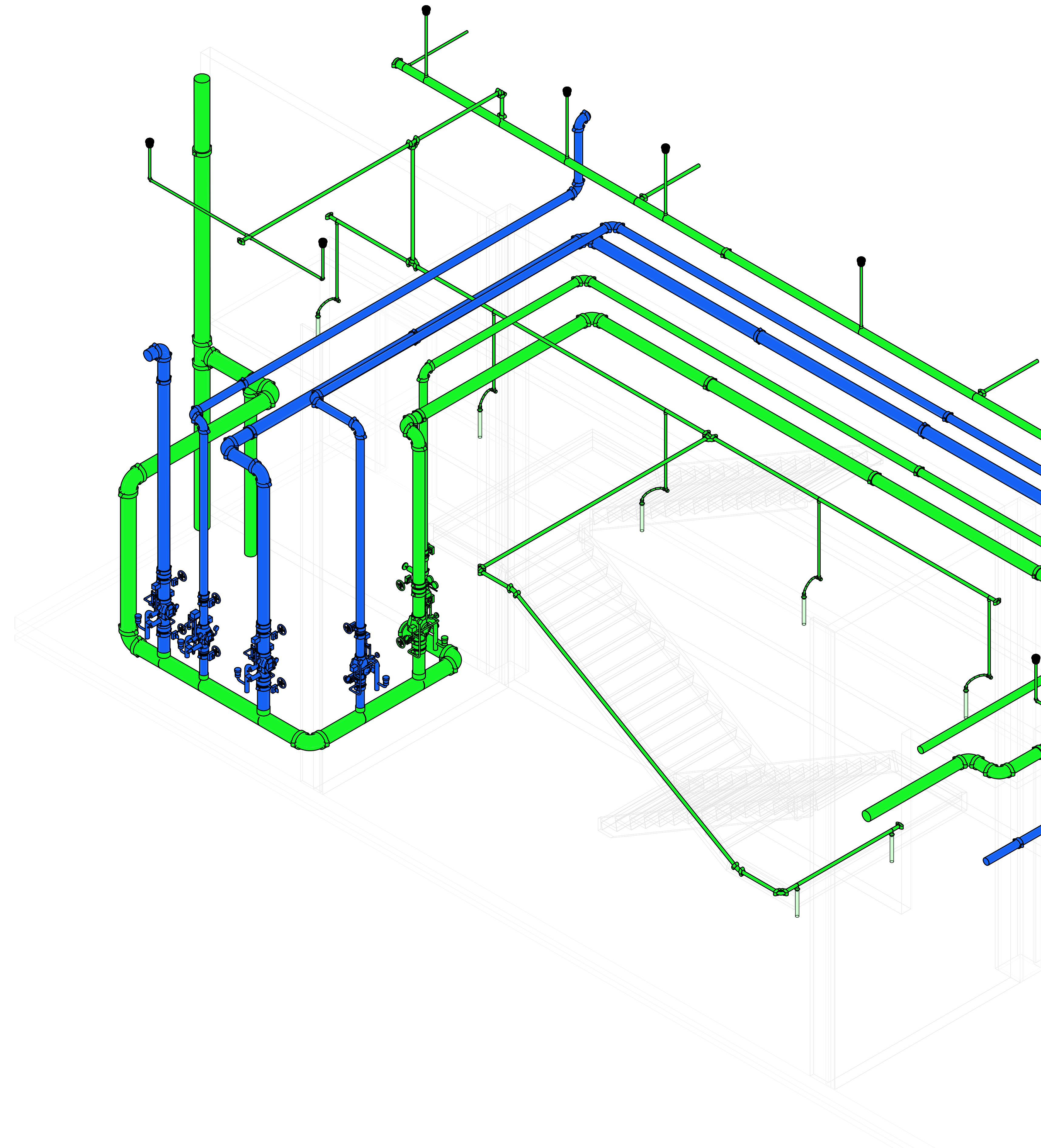




FIRE PROTECTION SAMPLE SET

Helping the Best Build Better

vec-us.com



WHAT IS INSIDE?

- ABBREVIATIONS & LEGENDS
- SITE PLAN
- FIRE RISER ROOMS
- INSTALLATION DETAILS
- CALCULATION SUMMARY
- FIRE SPRINKLER PLAN



San Francisco (HQ)
201 Spear Street
Suite 1750
San Francisco, California

ABBREVIATIONS & LEGENDS

SYMBOLS & ANNOTATIONS

POINTS TO TRUE NORTH ON PLANS

REVISION CLOUD

EL. XXXX.XX
LOCATION

LEVEL ELEVATION CALL OUT IN SECTION

SIM
DETAIL # REF.
SHEET # REF.

REVISION NOTE SYMBOL - SEE ASSOCIATED NOTE

DETAIL # REF.
SHEET # REF.

MATCHLINE - SEE SHT XXX.X.XX.XXXX.X

X"-X"
SLOPE OF PIPE

GENERAL NOTES

- SCOPE OF WORK TO CONSIST OF INSTALLING NEW WET PIPE, PRE-ACTION, & DRY SYSTEMS WITHIN NEW BUILDING.
- ALL WORK TO COMPLY WITH NFPA 13 AND LOCAL AHJ REQUIREMENTS.
- NEW SYSTEM TO BE CALCULATED PER NFPA 13 AND LOCAL AHJ REQUIREMENTS.
- PRE-ACTION AND DRY PIPES TO BE BLACK SCH. 40. WET PIPES TO BE SCH. 10. ALL PIPING 1" TO BE THREADED AND ALL 1 1/4" AND LARGER TO BE GROOVED.
- ALL PIPING TO DRAIN PER NFPA 13 AND THE LOCAL AHJ.
- ADEQUATE HEAT TO BE PROVIDED BY OWNER IN ALL AREAS OF SPRINKLER INSTALLATION.
- NEW SYSTEM TO BE TESTED AT 200PSI FOR A MINIMUM OF 2 HOURS.
- ALL NEW UNDERGROUND PIPING TO BE INSTALLED BY OTHERS.
- PRE-ACTION AND DRY SYSTEMS TO BE INSTALLED WITH THE USE OF A NITROGEN GENERATOR SYSTEM.

SHEET NUMBERING SYSTEM

XXX.XX.X.XX.XXXX

- SEQUENCE NUMBER
- DRAWING SERIES
- SUB AREA/LEVEL
- DRAWING USAGE
- DISCIPLINE/TRADE
- FACILITY CODE NUMBER

DISCIPLINE

FP - FIRE PROTECTION

DRAWING USAGE

S - SUBMITTAL
I - INSATALLATION
K - SKETCH (EXHIBIT)
E - ENGINEERING

SUB AREA/LEVEL

G - GENERAL
LB - BASEMENT
IS - IN-SLAB
L1 - LEVEL 1
L2 - LEVEL 2
RF - ROOF

DRAWING SERIES

0 - GENERAL
1 - PIPE LAYOUT
2 - SUPPORTS & SEISMIC ANCHORAGE
3 - PENETRATION & SLEEVES
4 - EQUIPMENT LAYOUT & ANCHORAGE
5 - SPOOLS
6 - TRIMBLE LAYOUT

GENERAL NOTES

- SLOPES - MAIN LINES - 1/4" / 10'
- SLOPES - BRANCH LINES - 1/2" / 10'
- COP ELEVATION IN RELATION TO LEVEL 1
- ALL ARM OVERS ARE SIZED IN 1"
- ALL PIPE LENGTHS AT THE END OF RUNS WILL BE 6", UNLESS NOTED OTHERWISE
- ALL SHAFTS ARE NON ACCESSIBLE AREAS.

MAIN PIPE TAG

XX
XX

MAIN LINE NOMINAL SIZE
MAIN LINE LENGTH

PIPE ACCESSORIES TAG

XX
XX-XX-XX

FUNCTION ABBREVIATION
FUNCTION NUMBER

EXPANSION JOINT TAG

XXX-XX-EJ

EXPANSION JOINT
EXPANSION JOINT NUMBER
BUILDING

SLEEVE TAG

XXX-FP-XX-SLV

SLEEVE
SLEEVE NUMBER
DISCIPLINE
BUILDING

CLARIFICATION AND DEVIATION TAG

CX
DX

CLARIFICATION
CLARIFICATION NUMBER
DEVIATION
DEVIATION NUMBER

NODE IDENTITY TAG

X

NODE NUMBER

POINT OF CONNECTION TAG

XXX

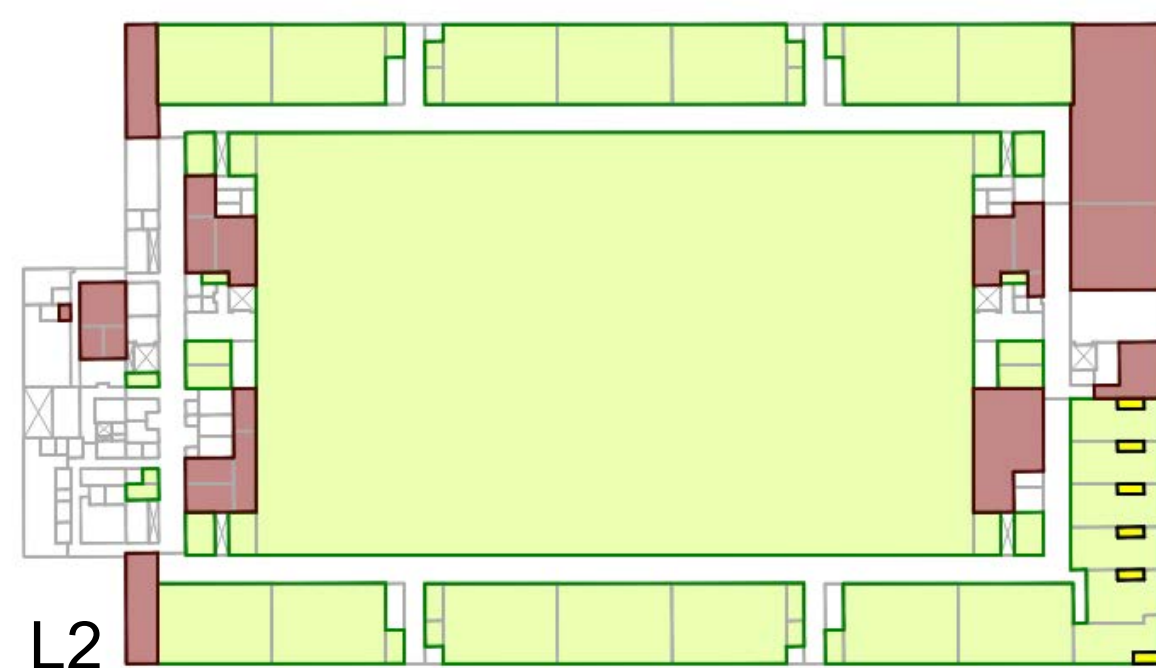
POC DESCRIPTION

VERTICAL PIPE TAG

SP-XX+XXX

VERTICAL LINE LENGTH
VERTICAL LINE NOMINAL SIZE
VERTICAL LINE IDENTIFIER

Light Ord. 1 Ord. 2 Extra 1



ACCESSORIES

-  WET SYSTEM
-  DRY SYSTEM
-  DOUBLE-INTERLOCK PRE-ACTION SYSTEM (SLOPED)

PIPING

-  PIPE - FLANGED CONNECTION
-  PIPE - GROOVED CONNECTION
-  PIPE - THREADED AND COUPLED CONNECTION
-  PIPE UP/SECTIONED
-  FLEXIBLE PIPE

- UPRIGHT QUICK SPRINKLER (V2704)
- PENDANT STANDARD SPRINKLER (V2708)
- SIDEWALL STANDARD SPRINKLER (V2709)
- DRY BARREL CONCEALED PENDANT QUICK SPRINKLER (V3518)
- UPRIGHT STANDARD SPRINKLER (V3401)

 FIREWALL

 GYPSUM WALLBOARD

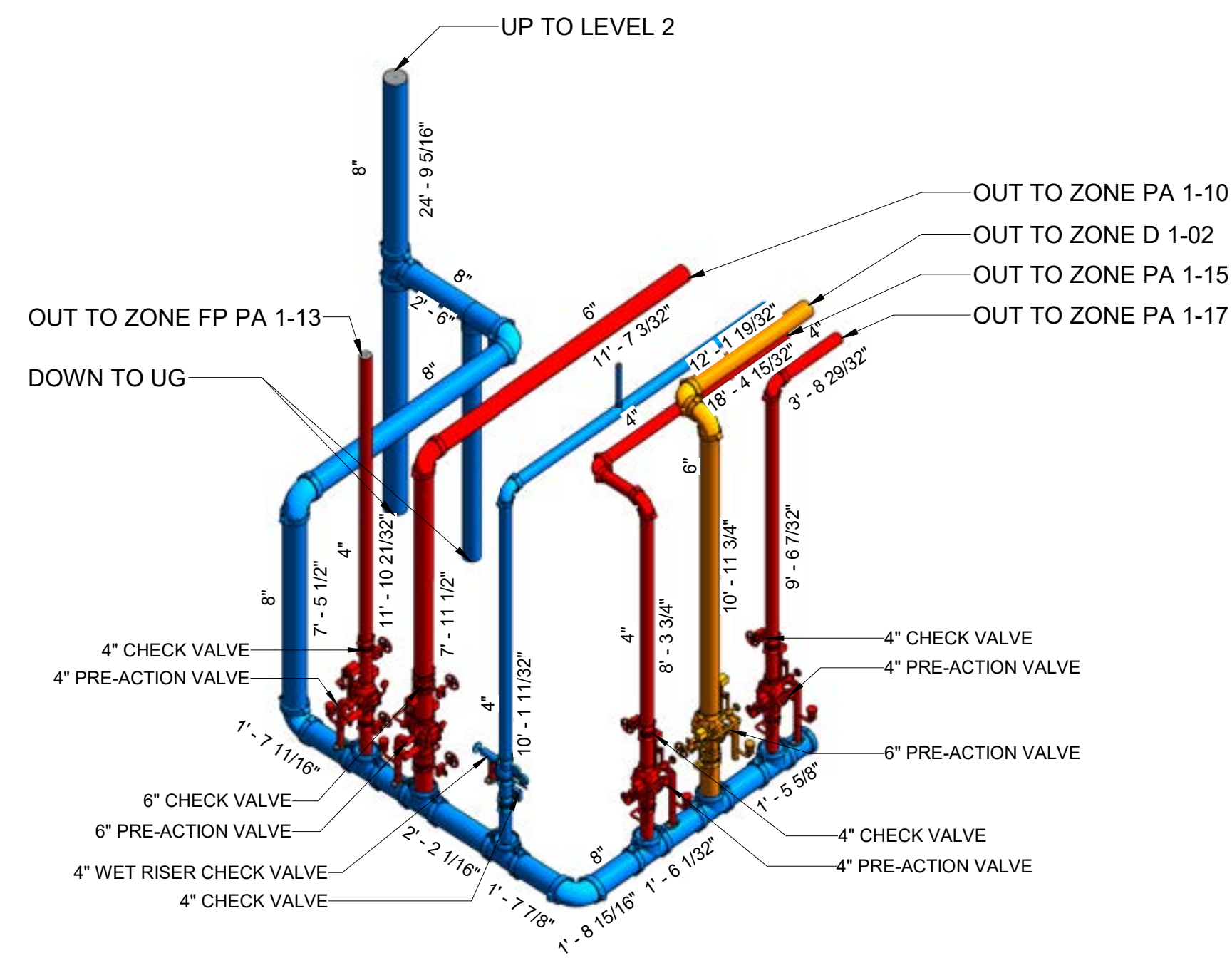
 ACT SYSTEM

INITIAL	REVISION	DATE	REV.	CUSTOMER NAME	ADDRESS	CITY, STATE	SYSTEM TYPE	SHEET DESCRIPTION	DRAWN BY	JOB NO.	DATE	NICET CERT. NO.	OWG. NO.	SCALE	SHEET
									Author		04/04/25			AS NOTED	FP0.01

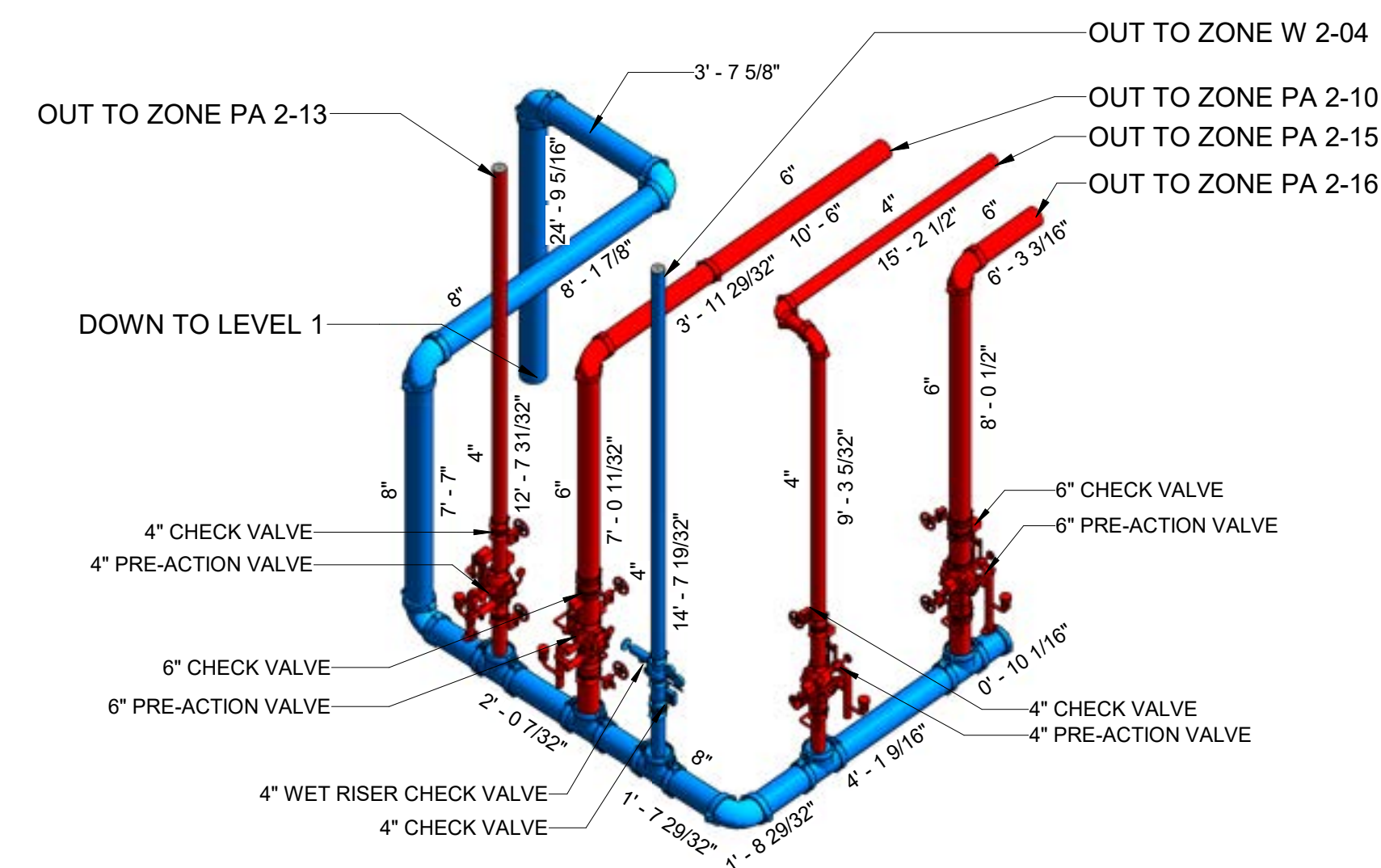
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CUSTOMER NAME		
ADDRESS		
CITY, STATE		
SYSTEM TYPE		
SHEET DESCRIPTION		
DRAWN BY Author		NICET CERT. NO.
JOB NO.		DATE 04/04/25
JOB NO.		SCALE AS NOTED
SHEET FP.02		
SHEET COUNTING		





2 LEVEL 1 RISER RM 1261 DETAIL
N.T.S.

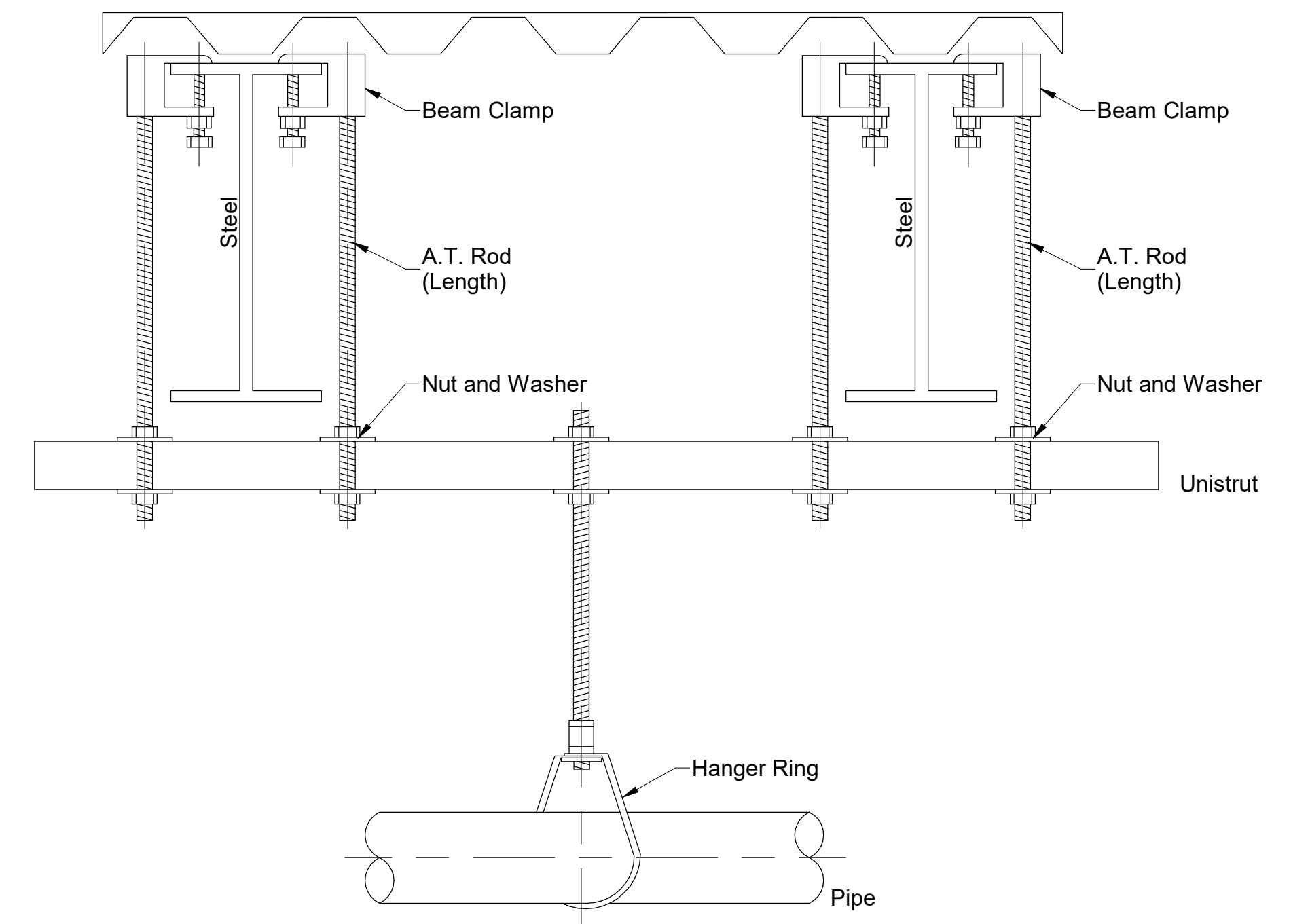


5 LEVEL 2 RISER RM 2291 DETAIL
N.T.S.

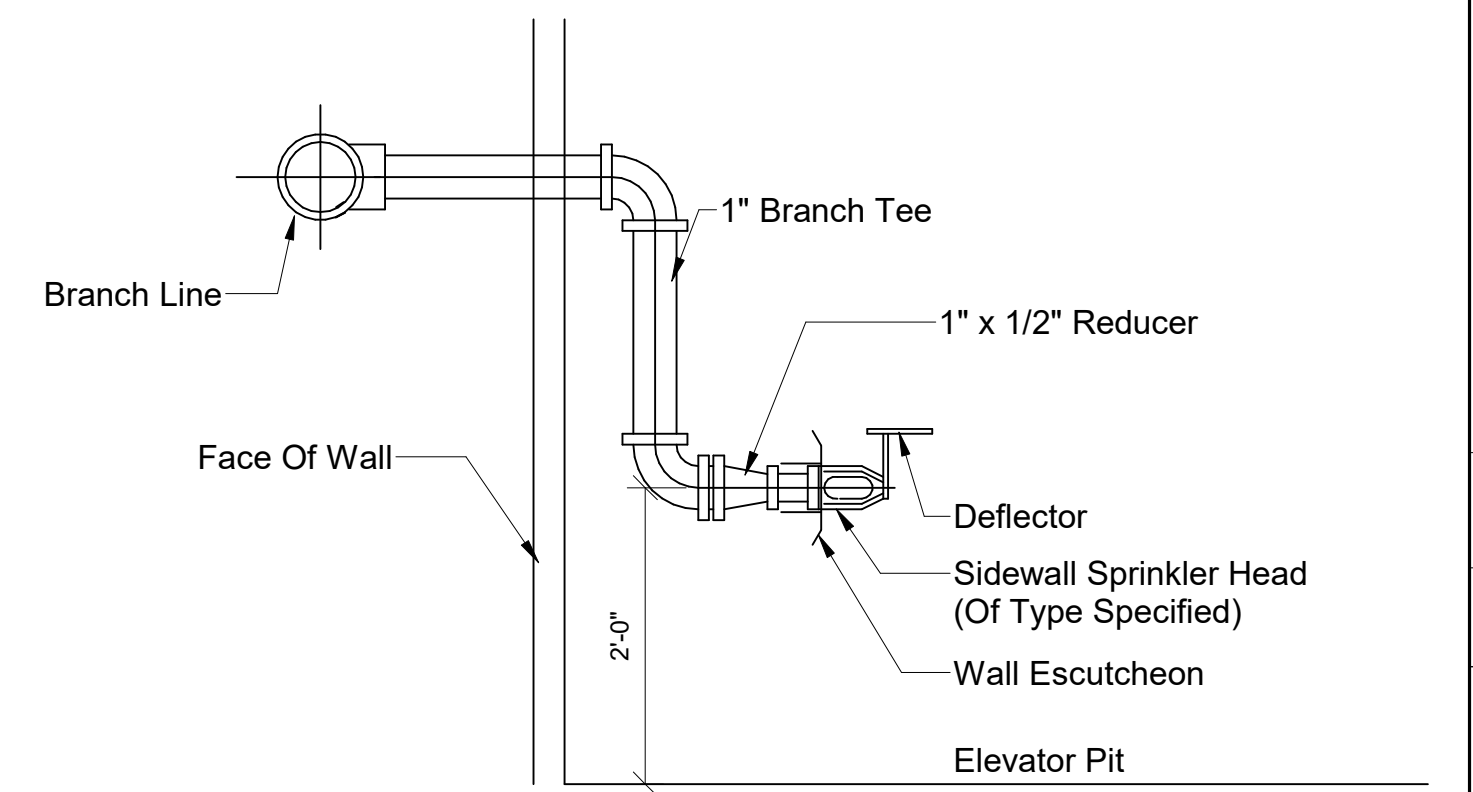


DETAILS - FIRE RISER ROOMS

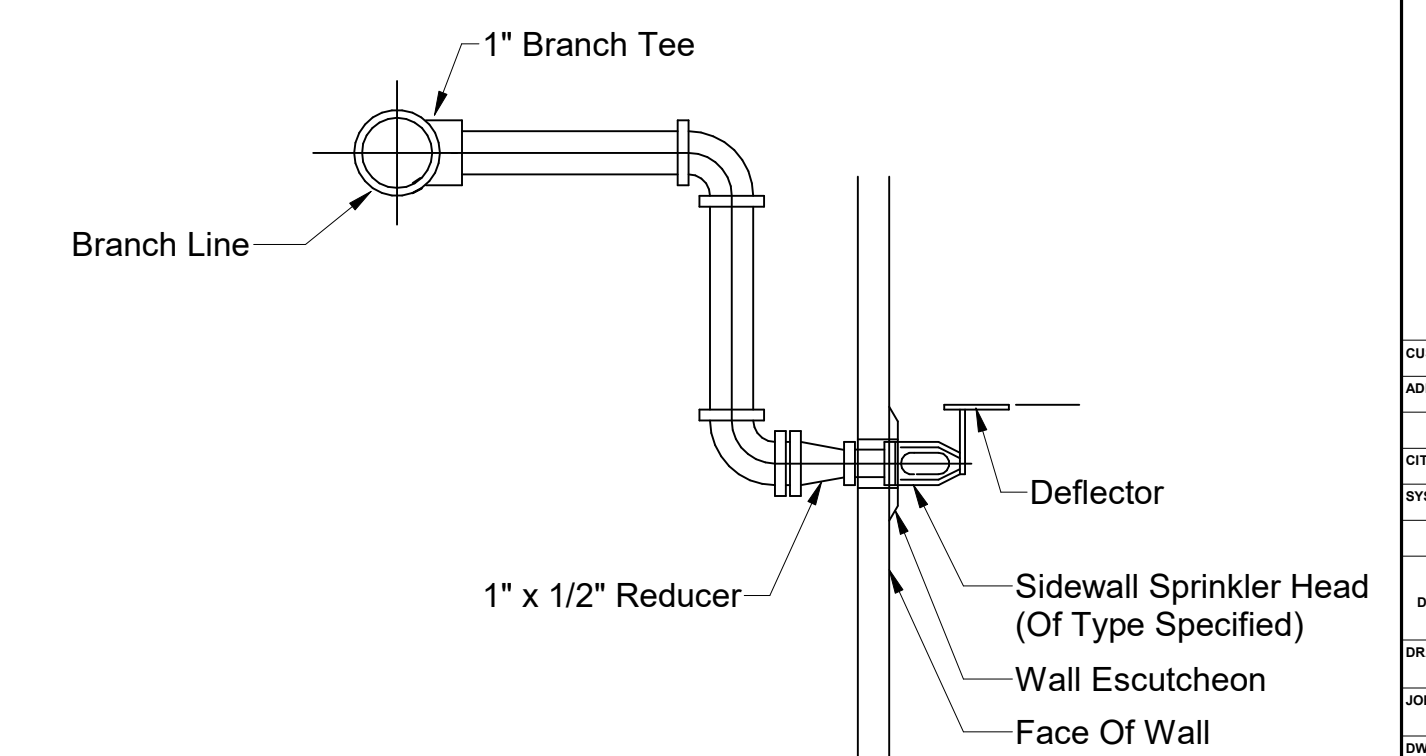
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2 TYPICAL BEAM ATTACHMENT HANGER DETAIL



6 ELEV. SHAFT SIDEWALL SPRINKLER
N.T.S.



8 EXTERIOR SIDEWALL SPRINKLER HOR.
N.T.S.

DETAILS - INSTALLATION DETAILS

CUSTOMER NAME		-	
ADDRESS			
CITY, STATE			
SYSTEM TYPE			
SHEET DESCRIPTION			
DRAWN BY Author		NICET CERT. NO.	
DATE NO.		DATE 04/05/25	
NO. NO.		SCALE AS NOTED	
SHEET FP0.04			
KEY CUTTING			

SITE CALCULATION SUMMARY



LEVEL 1

Fire Protection System Demand:	
Remote area number:	D1-01
Occupancy classification:	ORDINARY GROUP 2
Density (gpm/sqft):	0.2
Area of application:	1975.31 ft²
No. of sprinklers calculated:	28
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	992.021 gpm
@ a required system pressure of:	20.913 psi
Safety Margin:	44.05 psi (67.8%)
Volume of system:	451.70 gal

Fire Protection System Demand:	
Remote area number:	D1-02
Occupancy classification:	ORDINARY GROUP 2
Density (gpm/sqft):	0.2
Area of application:	1709.05
No. of sprinklers calculated:	48
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	1542.664 gpm
@ a required system pressure of:	18.489 psi
Safety Margin:	37.59 psi (67%)
Volume of system:	833.50 gal

Fire Protection System Demand:	
Remote area number:	W1-01
Occupancy classification:	LIGHT
Density (gpm/sqft):	0.1
Area of application:	1519.46
No. of sprinklers calculated:	14
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	568.748 gpm
@ a required system pressure of:	-45.108 psi
Safety Margin:	114.59 (164.9%)
Volume of system:	854.50 gal

Fire Protection System Demand:	
Remote area number:	W1-02
Occupancy classification:	ORDINARY GROUP 2
Density (gpm/sqft):	0.2
Area of application:	1500
No. of sprinklers calculated:	14
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	670.671 gpm
@ a required system pressure of:	-21.801 psi
Safety Margin:	90.39 psi (131.8%)
Volume of system:	1350.80 gal

Fire Protection System Demand:	
Remote area number:	W1-03
Occupancy classification:	LIGHT / ORDINARY 1 / ORDINARY 2
Density (gpm/sqft):	0.1 / 0.15 / 0.2
Area of application:	1551.18
No. of sprinklers calculated:	22
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	778.027 gpm
@ a required system pressure of:	10.817 psi
Safety Margin:	56.69 psi (84%)
Volume of system:	713.20 gal

Fire Protection System Demand:	
Remote area number:	W1-04
Occupancy classification:	ORDINARY GROUP 2
Density (gpm/sqft):	0.2
Area of application:	1612.65
No. of sprinklers calculated:	21
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	818.987 gpm
@ a required system pressure of:	-10.897 psi
Safety Margin:	77.96 psi (116.2%)
Volume of system:	856.50 gal

Fire Protection System Demand:	
Remote area number:	PA1-01
Occupancy classification:	ORDINARY GROUP 1
Density (gpm/sqft):	0.15
Area of application:	1995.22
No. of sprinklers calculated:	26
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	842.061 gpm
@ a required system pressure of:	18.158 psi
Safety Margin:	48.65 psi (72.8%)
Volume of system:	201.60 gal

Fire Protection System Demand:	
Remote area number:	PA1-02
Occupancy classification:	ORDINARY GROUP 1
Density (gpm/sqft):	0.15
Area of application:	1919.71
No. of sprinklers calculated:	25
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	849.881 gpm
@ a required system pressure of:	5.216 psi
Safety Margin:	61.50 psi (92.2%)
Volume of system:	412.20 gal

Fire Protection System Demand:	
Remote area number:	PA1-03
Occupancy classification:	ORDINARY GROUP 1
Density (gpm/sqft):	0.15
Area of application:	1961.34
No. of sprinklers calculated:	24
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	806.316 gpm
@ a required system pressure of:	23.139 psi
Safety Margin:	44.07 psi (65.6%)
Volume of system:	215.00 gal

Fire Protection System Demand:	
Remote area number:	PA1-04
Occupancy classification:	ORDINARY GROUP 1
Density (gpm/sqft):	0.15
Area of application:	1973.72
No. of sprinklers calculated:	54
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	1515.523 gpm
@ a required system pressure of:	43.168 psi
Safety Margin:	13.43 (23.7%)
Volume of system:	1157.60 gal

Fire Protection System Demand:	
Remote area number:	PA1-05
Occupancy classification:	ORDINARY GROUP 1
Density (gpm/sqft):	0.15
Area of application:	1204.56
No. of sprinklers calculated:	54
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	1553.518 gpm
@ a required system pressure of:	43.624 psi
Safety Margin:	12.63 psi (22.4%)
Volume of system:	1198.90 gal

Fire Protection System Demand:	
Remote area number:	PA1-06
Occupancy classification:	ORDINARY GROUP 1
Density (gpm/sqft):	0.15
Area of application:	1971.18
No. of sprinklers calculated:	49
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	1413.998 gpm
@ a required system pressure of:	28.363 psi
Safety Margin:	30.08 psi (51.5%)
Volume of system:	1147.40 gal

Fire Protection System Demand:	
Remote area number:	PA1-07
Occupancy classification:	ORDINARY GROUP 1
Density (gpm/sqft):	0.15
Area of application:	1972.15
No. of sprinklers calculated:	65
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	1712.167 gpm
@ a required system pressure of:	24.536 psi
Safety Margin:	28.16 psi (53.4%)
Volume of system:	870.00 gal

Fire Protection System Demand:	
Remote area number:	PA1-08
Occupancy classification:	ORDINARY GROUP 1
Density (gpm/sqft):	0.15
Area of application:	1964.41
No. of sprinklers calculated:	56
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	1500.455 gpm
@ a required system pressure of:	2.894 psi
Safety Margin:	53.98 psi (94.9%)
Volume of system:	1276.40 gal

Fire Protection System Demand:	
Remote area number:	PA1-09
Occupancy classification:	ORDINARY GROUP 1
Density (gpm/sqft):	0.15
Area of application:	1960.85
No. of sprinklers calculated:	52
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	1477.851 gpm
@ a required system pressure of:	21.324 psi
Safety Margin:	35.97 psi (62.8%)
Volume of system:	1091.50 gal

Fire Protection System Demand:	
Remote area number:	PA1-10
Occupancy classification:	ORDINARY GROUP 1
Density (gpm/sqft):	0.15
Area of application:	1991.26
No. of sprinklers calculated:	54
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	1635.904 gpm
@ a required system pressure of:	27.141 psi
Safety Margin:	27.11 psi (50%)
Volume of system:	1232.60 gal

Fire Protection System Demand:	
Remote area number:	PA1-11
Occupancy classification:	ORDINARY GROUP 1
Density (gpm/sqft):	0.15
Area of application:	1973.79
No. of sprinklers calculated:	25
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	918.978 gpm
@ a required system pressure of:	18.072 psi
Safety Margin:	47.82 psi (72.6%)
Volume of system:	419.50 gal

Fire Protection System Demand:	
Remote area number:	PA1-12
Occupancy classification:	ORDINARY GROUP 1
Density (gpm/sqft):	0.15
Area of application:	1986.03
No. of sprinklers calculated:	25
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	860.642 gpm
@ a required system pressure of:	12.020 psi
Safety Margin:	54.57 psi (81.9%)
Volume of system:	429.60 gal

Fire Protection System Demand:	
Remote area number:	PA1-13
Occupancy classification:	ORDINARY GROUP 1
Density (gpm/sqft):	0.15
Area of application:	1999.34
No. of sprinklers calculated:	26
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	841.590 gpm
@ a required system pressure of:	16.660 psi
Safety Margin:	50.15 psi (75.1%)
Volume of system:	218.60 gal

Fire Protection System Demand:	
Remote area number:	PA1-14
Occupancy classification:	ORDINARY 1 / EXTRA HAZARD 1
Density (gpm/sqft):	0.15 / 0.3
Area of application:	1989.85
No. of sprinklers calculated:	30
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	1112.898 gpm
@ a required system pressure of:	14.187 psi
Safety Margin:	49.11 psi (77.6%)
Volume of system:	490.70 gal

Fire Protection System Demand:	
Remote area number:	PA1-15
Occupancy classification:	LIGHT
Density (gpm/sqft):	0.10
Area of application:	1019.74
No. of sprinklers calculated:	20
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	716.460 gpm
@ a required system pressure of:	-15.351 psi
Safety Margin:	83.5 psi (122.5%)
Volume of system:	322.00 gal

Fire Protection System Demand:	
Remote area number:	PA1-16
Occupancy classification:	ORDINARY GROUP 1
Density (gpm/sqft):	0.15
Area of application:	1175.26
No. of sprinklers calculated:	18
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	612.446 gpm
@ a required system pressure of:	-40.526 psi
Safety Margin:	109.64 psi (158.6%)
Volume of system:	365.70 gal

Fire Protection System Demand:	
Remote area number:	PA1-17
Occupancy classification:	ORDINARY 1 / EXTRA HAZARD 1
Density (gpm/sqft):	0.15 / 0.3
Area of application:	1769.98
No. of sprinklers calculated:	25
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	856.906 gpm
@ a required system pressure of:	-4.701 psi
Safety Margin:	71.34 psi (107.1%)
Volume of system:	257.60 gal

LEVEL 2

Fire Protection System Demand:	
Remote area number:	W2-01
Occupancy classification:	LIGHT
Density (gpm/sqft):	0.10
Area of application:	1502.51
No. of sprinklers calculated:	27
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	903.330 gpm
@ a required system pressure of:	13.378 psi
Safety Margin:	52.71 psi (79.8%)
Volume of system:	760.40 gal

Fire Protection System Demand:	
Remote area number:	W2-02
Occupancy classification:	ORDINARY GROUP 2
Density (gpm/sqft):	0.2
Area of application:	1509.39
No. of sprinklers calculated:	21
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	804.511 gpm
@ a required system pressure of:	-0.066 psi
Safety Margin:	67.29 psi (100.1%)
Volume of system:	1669.10 gal

Fire Protection System Demand:	
Remote area number:	W2-04
Occupancy classification:	ORDINARY GROUP 2
Density (gpm/sqft):	0.2
Area of application:	1631.22
No. of sprinklers calculated:	24
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	944.766 gpm
@ a required system pressure of:	49.882 psi
Safety Margin:	15.69 psi (23.9%)
Volume of system:	1026.90 gal

Fire Protection System Demand:	
Remote area number:	PA2-01
Occupancy classification:	ORDINARY GROUP 1
Density (gpm/sqft):	0.15
Area of application:	1999.64
No. of sprinklers calculated:	24
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	807.659 gpm
@ a required system pressure of:	42.269 psi
Safety Margin:	24.92 psi (37.1%)
Volume of system:	198.60 gal

Fire Protection System Demand:	
Remote area number:	PA2-02
Occupancy classification:	ORDINARY GROUP 1
Density (gpm/sqft):	0.15
Area of application:	2033.65
No. of sprinklers calculated:	26
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	927.189 gpm
@ a required system pressure of:	27.118 psi
Safety Margin:	38.67 psi (58.8%)
Volume of system:	419.00 gal

Fire Protection System Demand:	
Remote area number:	PA2-03
Occupancy classification:	ORDINARY GROUP 1
Density (gpm/sqft):	0.15
Area of application:	1955.69
No. of sprinklers calculated:	23
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	792.564 gpm
@ a required system pressure of:	25.686 psi
Safety Margin:	41.67 psi (61.9%)
Volume of system:	212.10 gal

Fire Protection System Demand:	
Remote area number:	PA2-04
Occupancy classification:	ORDINARY GROUP 1
Density (gpm/sqft):	0.15
Area of application:	1984.94
No. of sprinklers calculated:	44
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	1213.639 gpm
@ a required system pressure of:	44.647 psi
Safety Margin:	17.17 psi (27.7%)
Volume of system:	1104.70 gal

Fire Protection System Demand:	
Remote area number:	PA2-05
Occupancy classification:	ORDINARY GROUP 1
Density (gpm/sqft):	0.15
Area of application:	2040.44
No. of sprinklers calculated:	50
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	1372.529 gpm
@ a required system pressure of:	46.805 psi
Safety Margin:	12.37 psi (20.9%)
Volume of system:	1083.50 gal

Fire Protection System Demand:	
Remote area number:	PA2-06
Occupancy classification:	ORDINARY GROUP 1
Density (gpm/sqft):	0.15
Area of application:	2012.39
No. of sprinklers calculated:	50
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	1358.757 gpm
@ a required system pressure of:	-9.904 psi
Safety Margin:	66.31 psi (116.7%)
Volume of system:	1022.60 gal

Fire Protection System Demand:	
Remote area number:	PA2-07
Occupancy classification:	ORDINARY GROUP 1
Density (gpm/sqft):	0.15
Area of application:	2001.59
No. of sprinklers calculated:	55
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	1431.346 gpm
@ a required system pressure of:	-8.270 psi
Safety Margin:	69.41 psi (114.2%)
Volume of system:	663.60 gal

Fire Protection System Demand:	
Remote area number:	PA2-08
Occupancy classification:	ORDINARY GROUP 1
Density (gpm/sqft):	0.15
Area of application:	2059.15
No. of sprinklers calculated:	56
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	1512.160 gpm
@ a required system pressure of:	39.825 psi
Safety Margin:	16.63 psi (29.7%)
Volume of system:	1027.50 gal

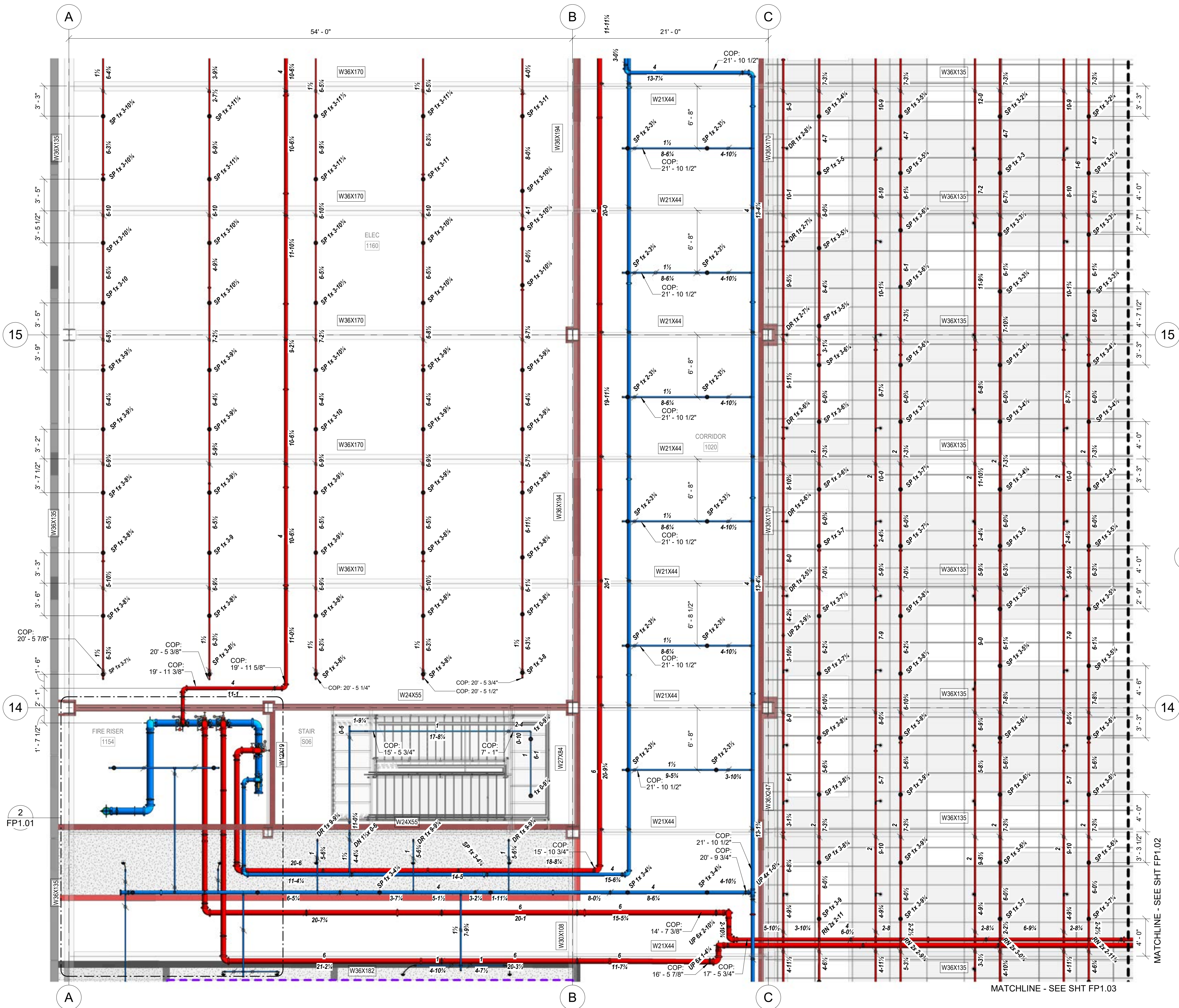
Fire Protection System Demand:	
Remote area number:	PA2-09
Occupancy classification:	ORDINARY GROUP 1
Density (gpm/sqft):	0.15
Area of application:	1988.83
No. of sprinklers calculated:	44
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	1218.275 gpm
@ a required system pressure of:	38.931 psi
Safety Margin:	22.78 psi (36.9%)
Volume of system:	1109.10 gal

Fire Protection System Demand:	
Remote area number:	PA2-10
Occupancy classification:	ORDINARY GROUP 1
Density (gpm/sqft):	0.15
Area of application:	1963.69
No. of sprinklers calculated:	43
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	1218.910 gpm
@ a required system pressure of:	17.328 psi
Safety Margin:	44.37 psi (71.9%)
Volume of system:	1234.20 gal

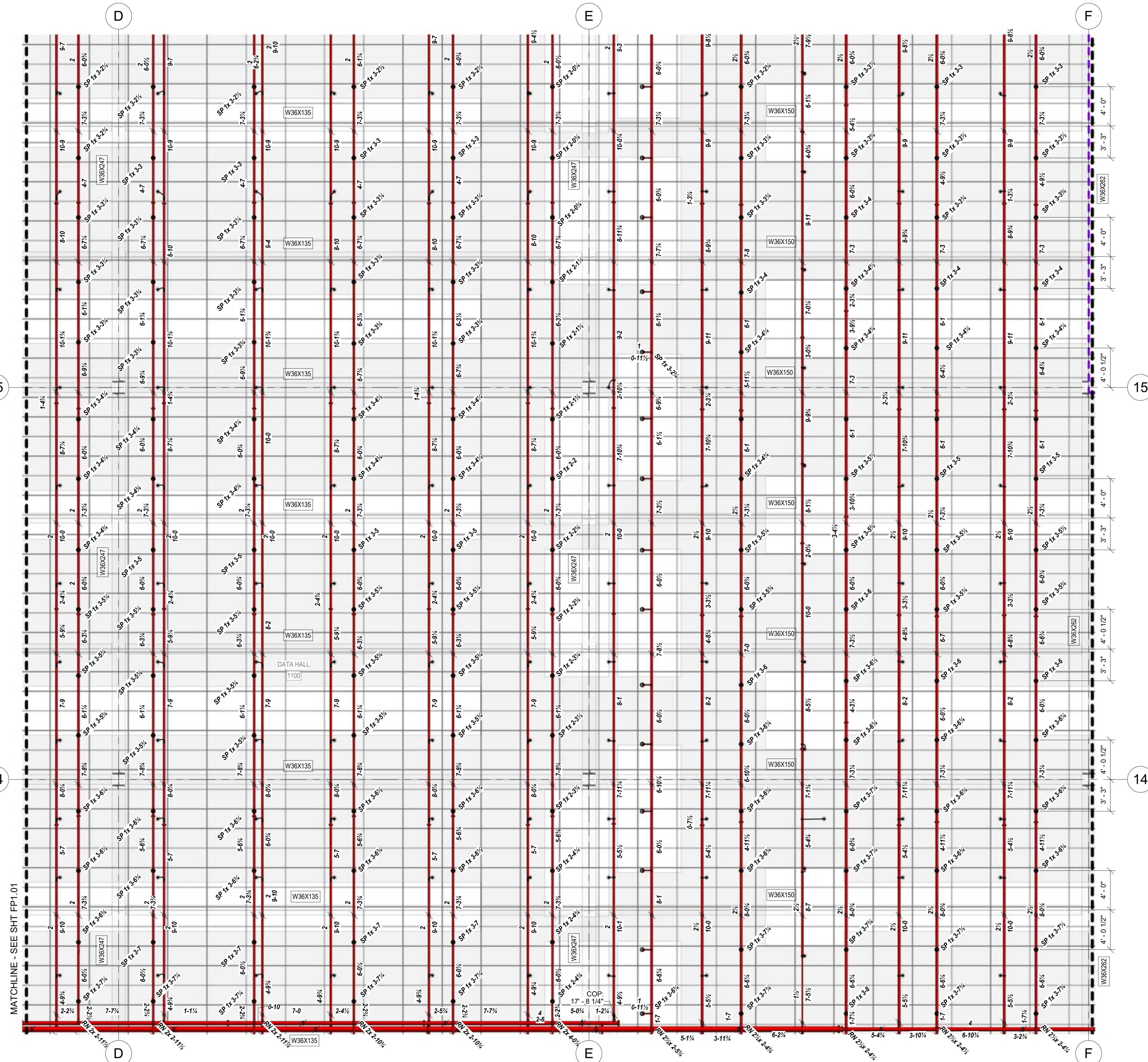
Fire Protection System Demand:	
Remote area number:	PA2-11
Occupancy classification:	ORDINARY GROUP 1
Density (gpm/sqft):	0.15
Area of application:	2008.34
No. of sprinklers calculated:	24
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	807.953 gpm
@ a required system pressure of:	32.592 psi
Safety Margin:	34.6 psi (51.5%)
Volume of system:	209.80 gal

Fire Protection System Demand:	
Remote area number:	PA2-12
Occupancy classification:	ORDINARY GROUP 1
Density (gpm/sqft):	0.15
Area of application:	1996.32
No. of sprinklers calculated:	24
Total Hose Streams:	250
Total Additional Flow:	0
Total water required (including hose streams):	910.129 gpm
@ a required system pressure of:	55.544 psi
Safety Margin:	10.46 psi (15.8%)
Volume of system:	419.30 gal

AREA C 1/4 - FIRE SPRINKLER PLAN



AREA C 2/4 - FIRE SPRINKLER PLAN



- GENERAL NOTES**
- SLOPES - MAIN LINES - 1/4" / 10'
 - SLOPES - BRANCH LINES - 1/2" / 10'
 - COP ELEVATION IN RELATION TO LEVEL 1
 - ALL ARM OVERS ARE SIZED IN 1"
 - ALL PIPE LENGTHS AT THE END OF RUNS WILL BE 6", UNLESS NOTED OTHERWISE
 - ALL SHAFTS ARE NON ACCESSIBLE AREAS.

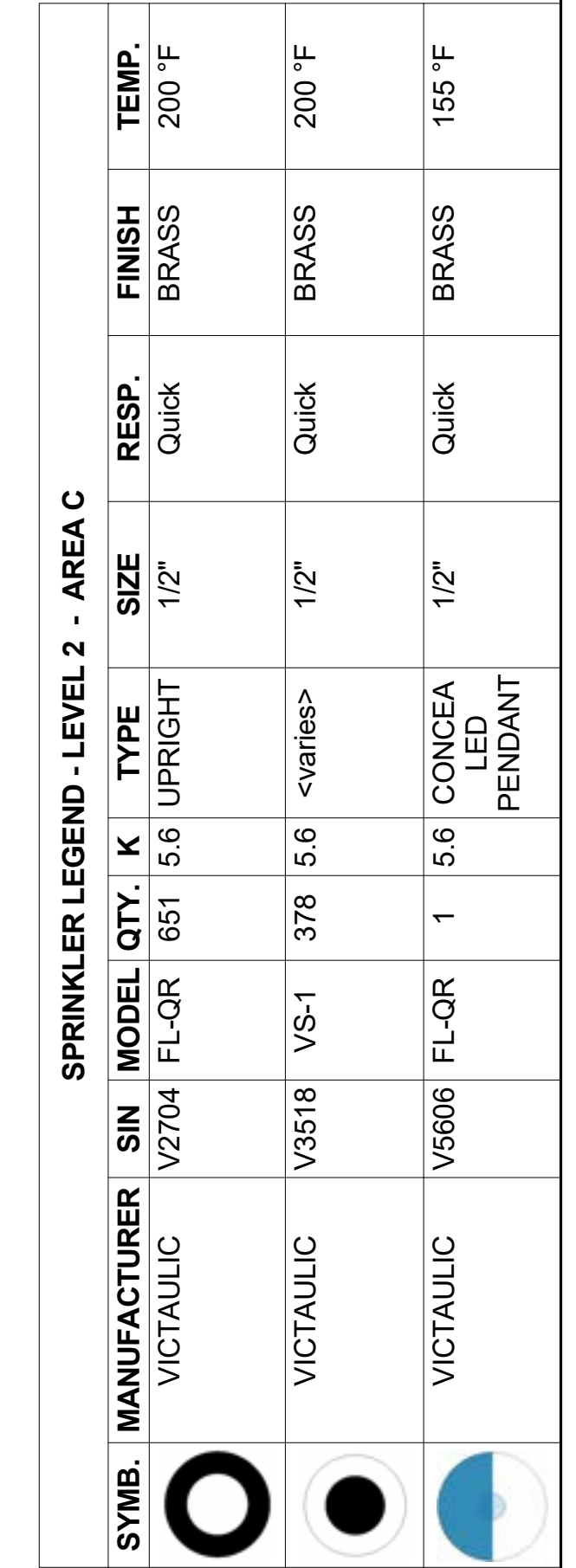
SPRINKLER LEGEND - LEVEL 2 - AREA C							
SYMB.	MANUFACTURER	SIN	MODEL	QTY.	K	TYPE	SIZE
	VICTAULIC	V2704	FL-QR	651	5.6	UPRIGHT	1/2"
	VICTAULIC	V3518	VS-1	378	5.6	<varies>	1/2"
	VICTAULIC	V606	FL-QR	1	5.6	CONCEALED PENDANT	1/2"
TEMP.	FINISH	RESP.	SIZE	TYPE	QTY.	K	TYPE
200 °F	BRASS	Quick	1/2"	UPRIGHT	651	5.6	UPRIGHT
200 °F	BRASS	Quick	1/2"	<varies>	378	5.6	<varies>
155 °F	BRASS	Quick	1/2"	CONCEALED PENDANT	1	5.6	CONCEALED PENDANT

KEY PLAN

AREA A	AREA B
AREA C	AREA D
AREA E	AREA F
AREA G	AREA H
AREA I	AREA J

CUSTOMER NAME	ADDRESS
CITY, STATE	SYSTEM TYPE
SHEET DESCRIPTION	NICET CERT. NO.
DRAWN BY	DATE
JOB NO.	SCALE
DWG. NO.	AS NOTED
SHEET	FP1.02
SHEET COUNT	

LEVEL 1 - AREA C 2/4 - FIRE SPRINKLER PLAN



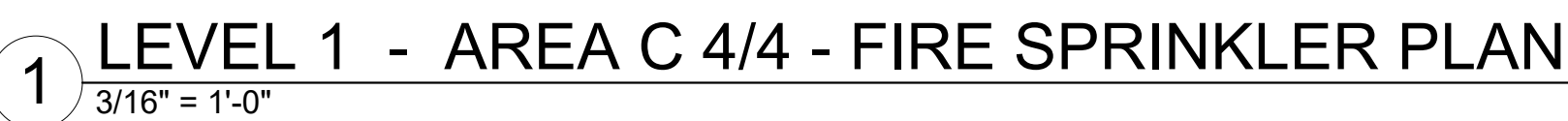
1. SLOPES - MAIN LINES - 1/4" / 10'
2. SLOPES - BRANCH LINES - 1/2" / 10'
3. COP ELEVATION IN RELATION TO LEVEL 1
4. ALL ARM OVERS ARE SIZED IN 1"
5. ALL PIPE LENGTHS AT THE END OF RUNS WILL BE 6", UNLESS NOTED OTHERWISE
6. ALL SHAFTS ARE NON ACCESSIBLE AREAS.

KEY PLAN	
AREA A	AREA B
AREA C	AREA D
AREA E	AREA F
AREA G	AREA H
	AREA I

[illegible]

1 LEVEL 1 - AREA C 3/4 - FIRE SPRINKLER PLAN
3/16" = 1'-0"

LEVEL 1 - AREA C 3/4 - FIRE SPRINKLER PLAN

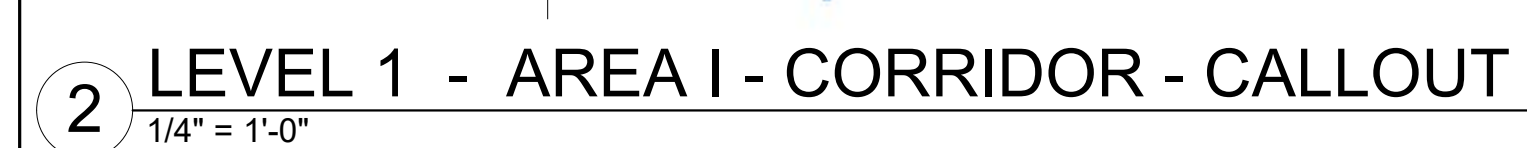


GENERAL NOTES

1. SLOPES - MAIN LINES - 1/4" / 10'
2. SLOPES - BRANCH LINES - 1/2" / 10'
3. COP ELEVATION IN RELATION TO LEVEL 1
4. ALL ARM OVERS ARE SIZED IN 1"
5. ALL PIPE LENGTHS AT THE END OF RUNS WILL BE 6", UNLESS NOTED OTHERWISE
6. ALL SHAFTS ARE NON ACCESSIBLE AREAS.

[illegible]

LEVEL 1 - AREA C 4/4 - FIRE SPRINKLER PLAN



GENERAL NOTES

1. SLOPES - MAIN LINES - 1/4" / 10'
2. SLOPES - BRANCH LINES - 1/2" / 10'
3. COP ELEVATION IN RELATION TO LEVEL 1
4. ALL ARM OVERS ARE SIZED IN 1"
5. ALL PIPE LENGTHS AT THE END OF RUNS WILL BE 6", UNLESS NOTED OTHERWISE
6. ALL SHAFTS ARE NON ACCESSIBLE AREAS.

[illegible]

CUSTOMER NAME		
ADDRESS		
CITY, STATE		
SYSTEM TYPE		
SHEET DESCRIPTION		
DRAWN BY Author		NICET CERT. NO.
JOB NO.		DATE 04/05/25
DWG. NO.		SCALE AS NOTED
SHEET FP1.05		
SHEET COUNTING		

LEVEL 1 - AREA I - FIRE SPRINKLER PLAN

PLOT DATE:04/05/25