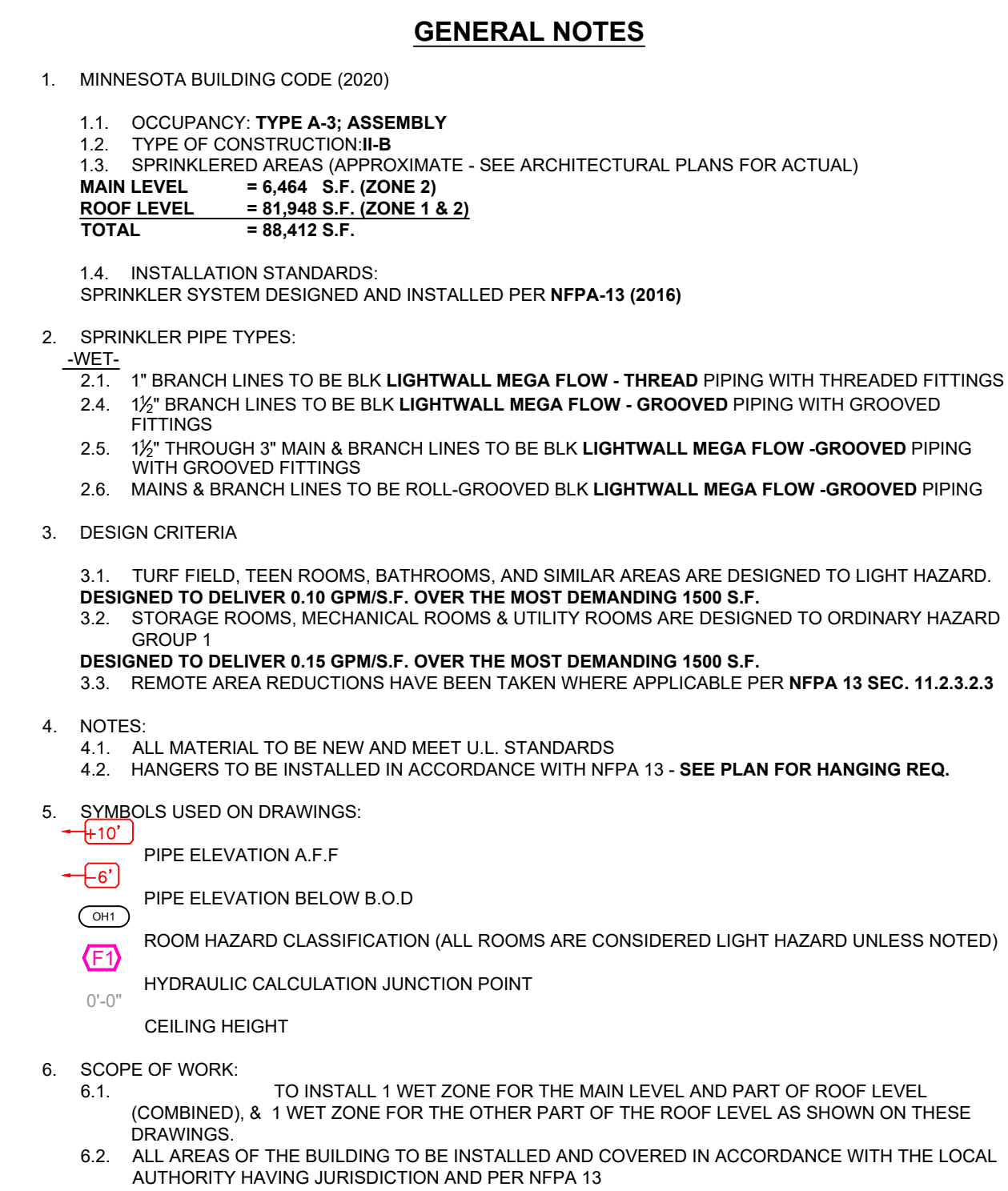
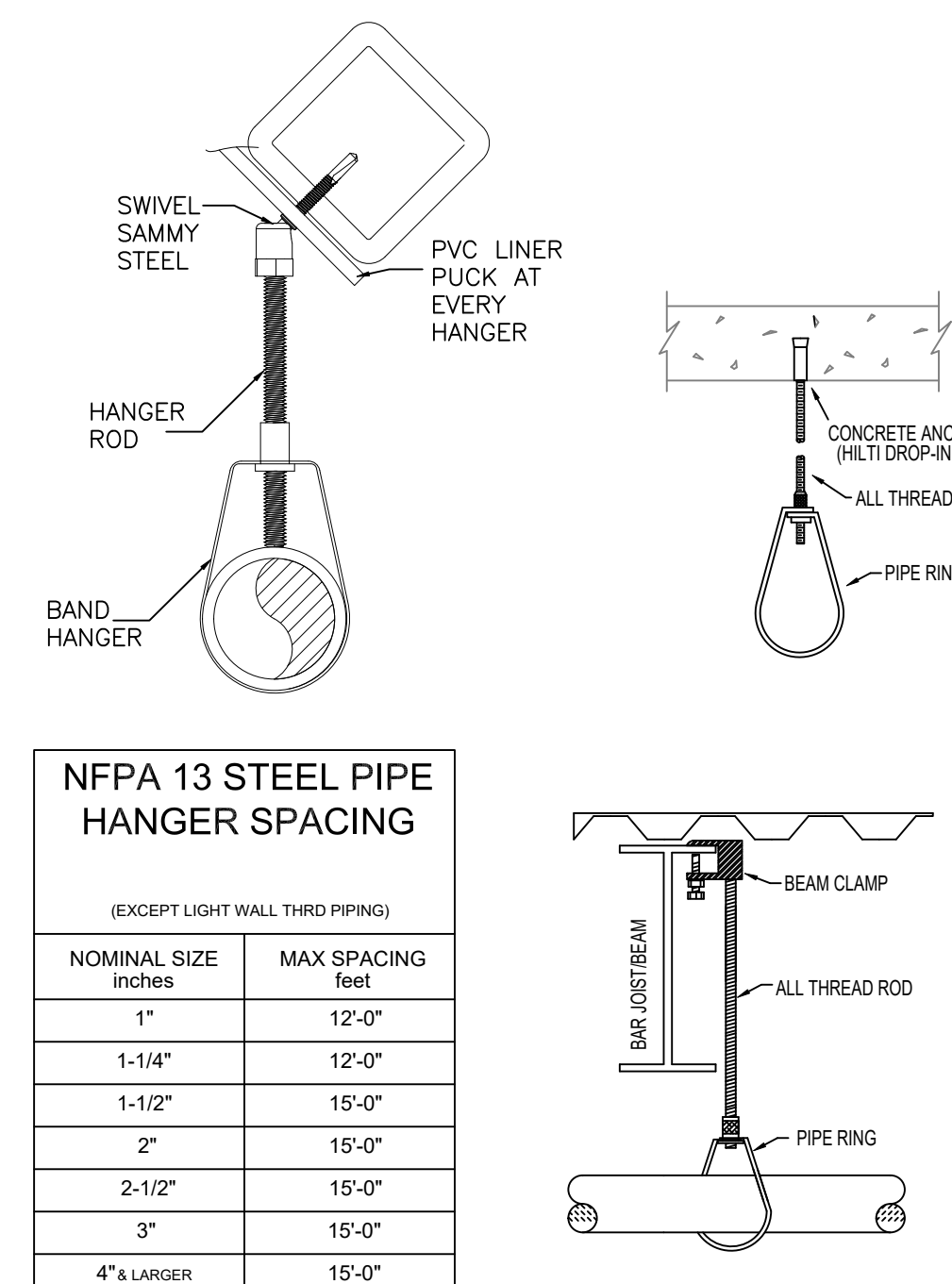
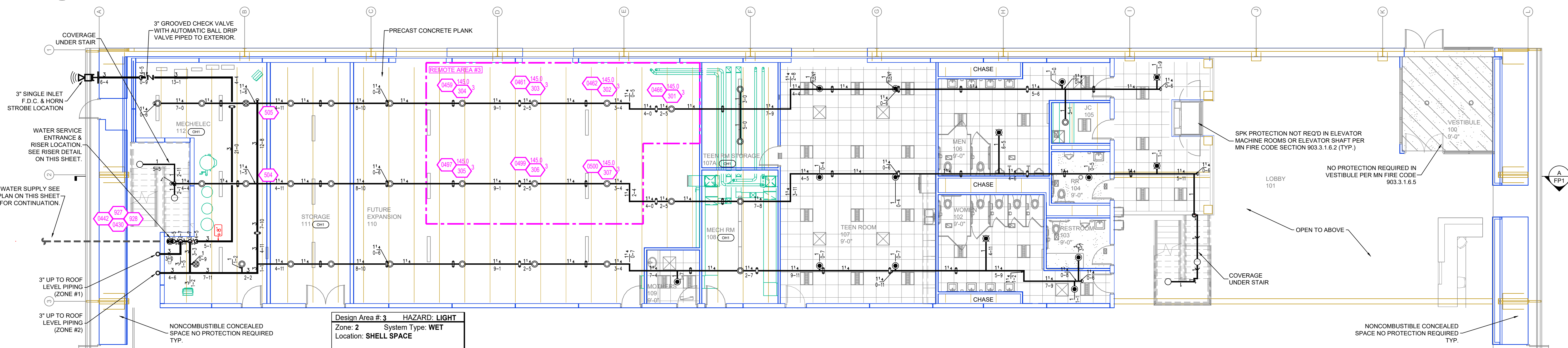
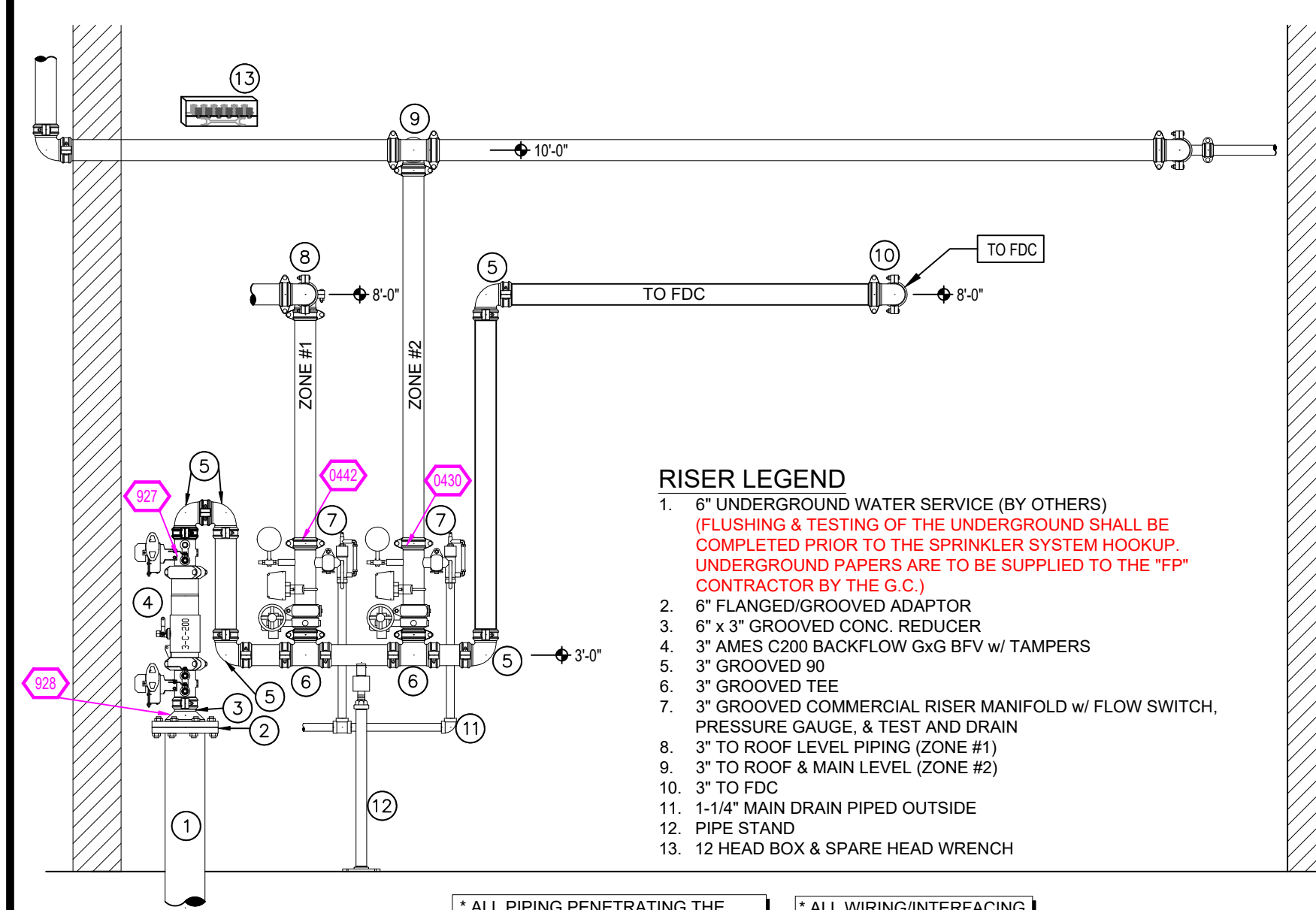




A BUILDING SECTION
SCALE= 1/8" : 1'-0"

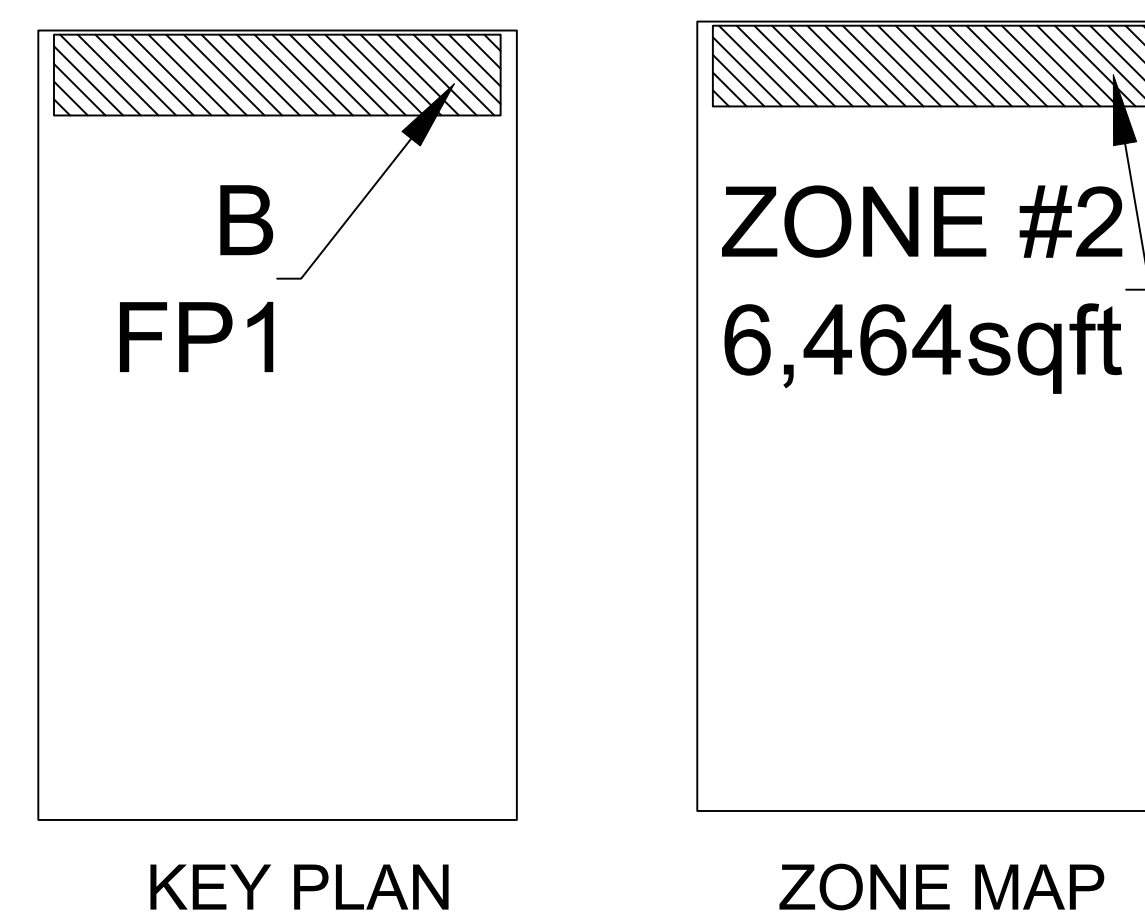


HANGER DETAILS



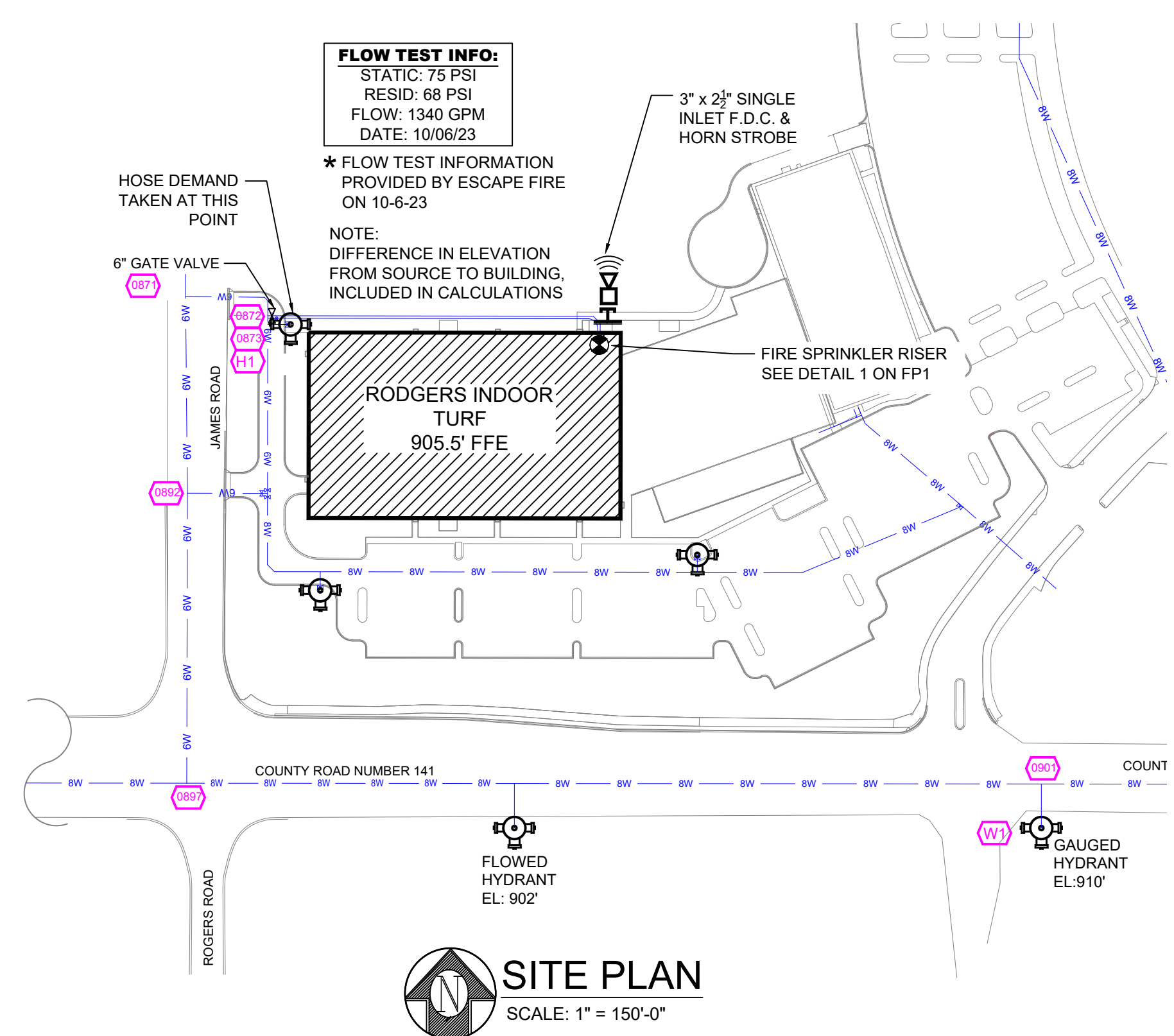
RISER DETAIL

SCALE= 1/2" : 1'-0"



SPRINKLER HEAD LEGEND

SYM	CONT	POSITION	BRASS	TEMP	K	INPT	SN	MFG	MODEL#	ESCUTCHEON	MAX SPACING
420	UPRIGHT	FRONT	200"	5.60	1/2"	V270A	VICTAULIC	V270A	NONE	225 sqft =LH 130 sqft =0H	
4	PENDENT	WHITE	200"	11.20	3/4"	V3412	VICTAULIC	V3412	SEMI-REC	20" x 20"	
11	PENDENT	WHITE	200"	5.60	1/2"	V2708	VICTAULIC	V2708	SEMI-REC	225 sqft =LH 130 sqft =0H	
30	UPRIGHT	BRASS	200"	5.60	1/2"	V270A	VICTAULIC	V270A	NONE	225 sqft =LH 130 sqft =0H	
42	UPRIGHT	BRASS	286"	5.60	1/2"	V270A	VICTAULIC	V270A	NONE	225 sqft =LH 130 sqft =0H	
467	TOTAL										
MEAD-CAGE											

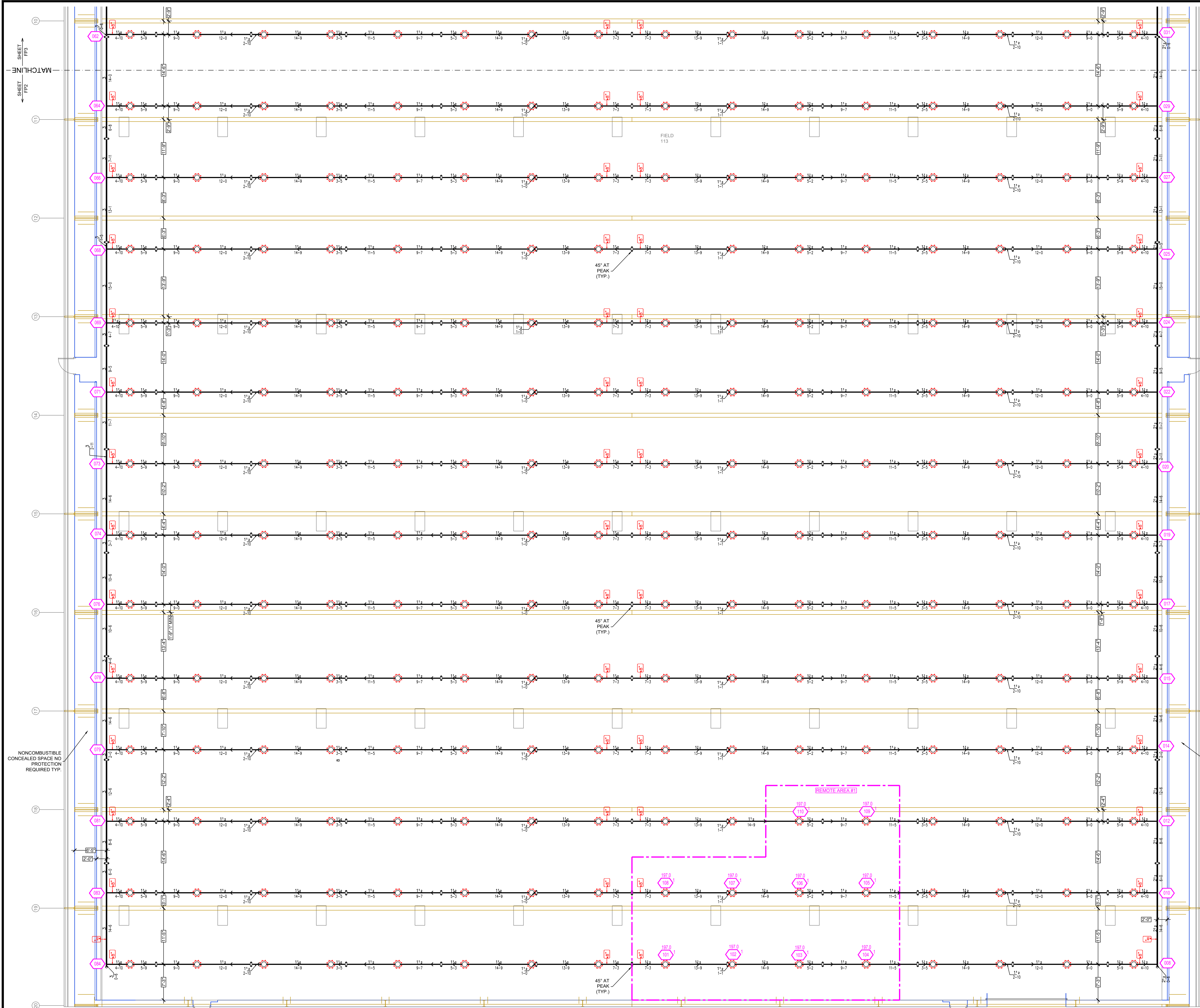


SITE PLAN

SCALE: 1" = 150'-0"

[illegible]

Drawing Title: FIRE PROTECTION PLAN	Contract No. C24-100	
		Drawing Date: 02/03/25
		Scale: 1/8" = 1'-0"
		Drawing By: JVG
Approval By: STATE FIRE MARSHAL DIV.	SHEET NO. FP 1 of 3	



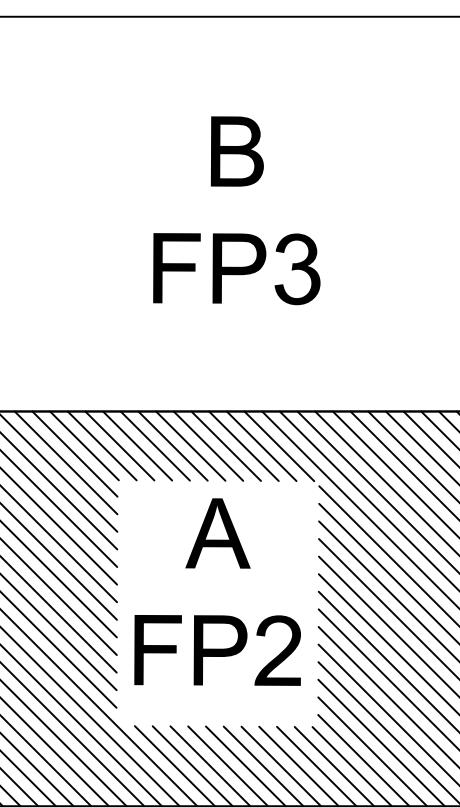
SPRINKLER HEAD LEGEND											
SYM	QTY	POSITION	FINISH	TEMP	K	NPT	SIN	MFG	MODEL#	ESCUTCHEON	MAX SPACING
○	420	UPRIGHT	BRASS	200°	5.60	1/2"	V2704	VICTAULIC	V2704	NONE	225 sqft = LH 130 sqft = OH1
●	4	PENDENT	WHITE	200°	11.20	3/4"	V3412	VICTAULIC	V3412	SEMI-REC	20' x 20'
●	11	PENDENT	WHITE	200°	5.60	1/2"	V2708	VICTAULIC	V2708	SEMI-REC	225 sqft = LH 130 sqft = OH1
●	30	UPRIGHT	BRASS	200°	5.60	1/2"	V2704	VICTAULIC	V2704	NONE	225 sqft = LH 130 sqft = OH1
●	2	UPRIGHT	BRASS	286°	5.60	1/2"	V2704	VICTAULIC	V2704	NONE	225 sqft = LH 130 sqft = OH1
●	467	TOTAL									

● HEAD CAGE

ZONE #2
34,229sqft

ZONE #1
47,473sqft

ZONE MAP



KEY PLAN

Design Area #	HAZARD	Light
Zone 1	System Type: WET	
Location: WEST END OF FIELD		

Flowing Outlets: 10
Density: 0.10 Remote Area: 1969
Flow: 331.7 gpm @ 65.4 psi
Calculation Safety: 9.1 psi
Includes 100 gpm Hose allowances

NOTE: SPRINKLERS CALCULATED TO 1950 S.F. DUE TO SLOPING CEILING BEING OVER 20'-0"

ROOF LEVEL - A FIRE SPRINKLER PLAN
SCALE= 1/8" = 1'-0"

GENERAL NOTES

- SYSTEM INSTALLED PER NFPA-13 (2016 EDITION) AND STATE FIRE MARSHAL
- ALL EQUIPMENT FOR THIS SYSTEM SHALL BE U.L. LISTED
- MINIMUM PIPE SIZE SHALL BE 1" NOMINAL PIPE
- ALL SCH-40 & LIGHTWALL PIPING HAS WELDED OUTLETS & GROOVED SHORT RADIUS FITTINGS
- ALL WELDING PER NFPA-554(4.2)
- NO INSTALLATION OR FABRICATION TO BEGIN WITHOUT APPROVED SHOP DRAWINGS
- ALL PIPE LOCATIONS ARE TO BE FIELD MEASURED PRIOR TO FABRICATION AND INSTALLATION BY SPRINKLER CONTRACTOR
- ALL DIMENSIONS SHOWN ARE CENTER TO CENTER
- HIGH TEMPERATURE HEADS ARE TO BE FIELD LOCATED WHERE REQUIRED
- PROVIDE ON SPARE HEAD CABINET W/8 HEADS & 1 HEAD WRENCH
- HANGERS ARE TO BE U.L. LISTED AND F.M. APPROVED
- ELECTRICAL WIRING, ALARM, DETECTION AND SUPERVISORY BY OWNER
- OWNER'S RESPONSIBILITY TO PROVIDE ADEQUATE HEATING TO PREVENT WET SYSTEM PIPING FROM FREEZING.

NO	REVISIONS	DATE	APPROVAL STAMPS

Drawing Title: FIRE PROTECTION PLAN

Contract No. C24-100

Drawing Date: 02/03/25

Scale: 1/8" = 1'-0"

Drawn By: JVG

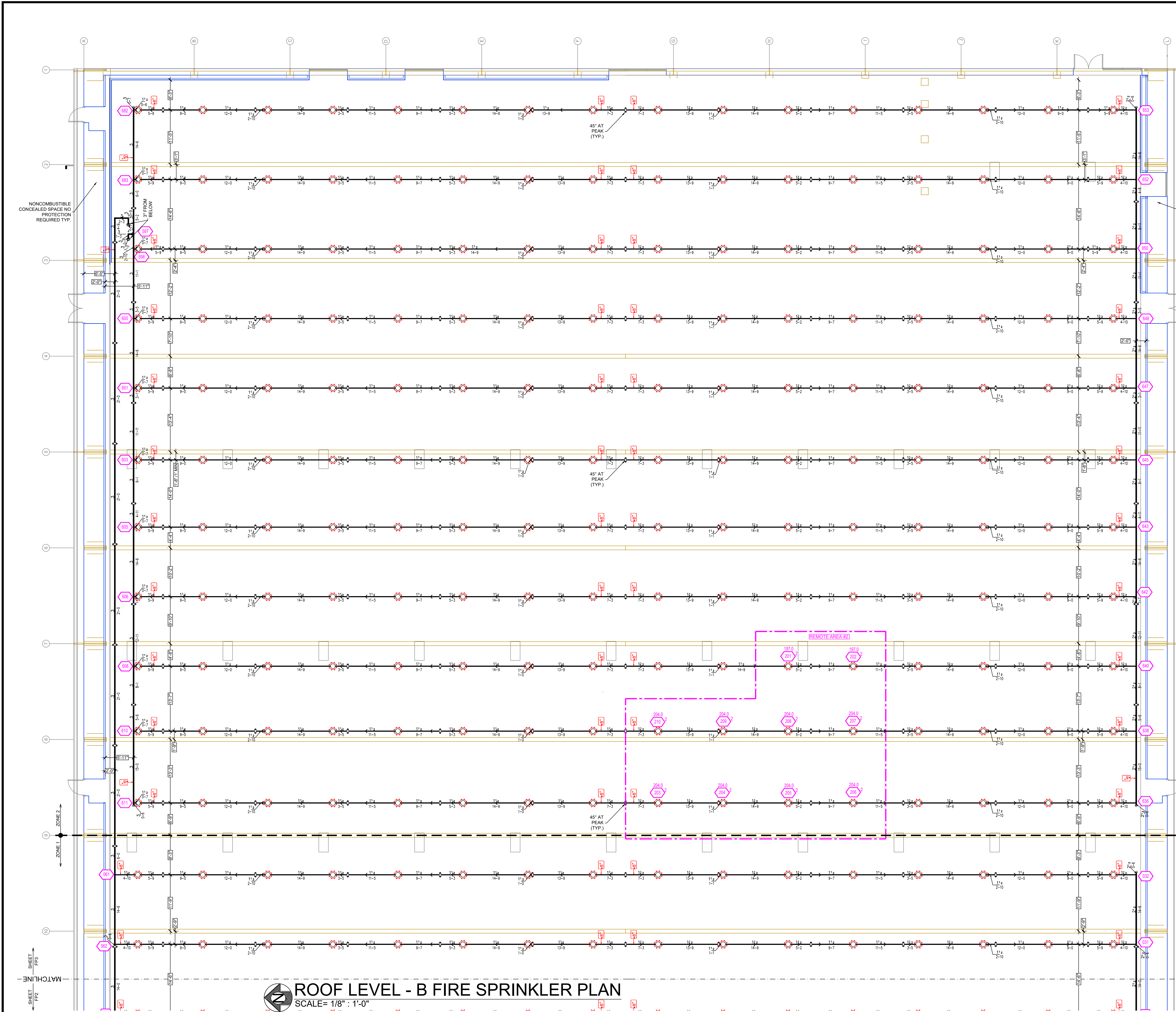
Approval By: STATE FIRE MARSHAL DIV.

SHEET NO. FP 2 of 3

ROGERS INDOOR TURF

21200 141st AVE. N.

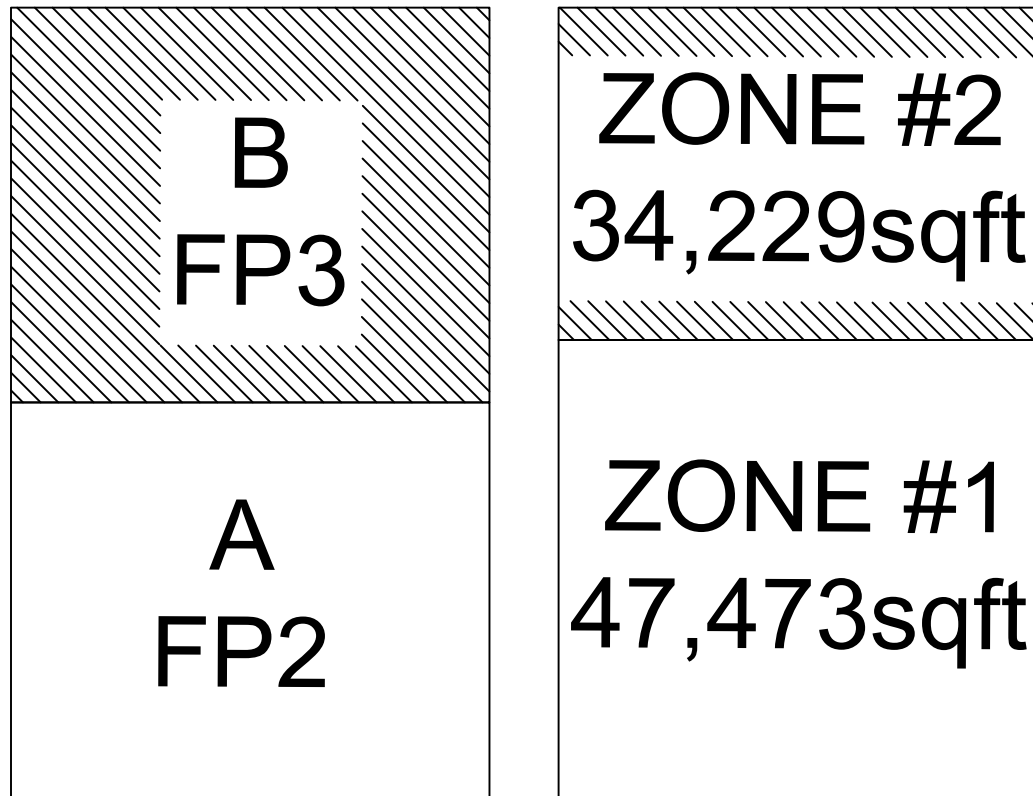
ROGERS, MN. 55374



SPRINKLER HEAD LEGEND											
SYM	CNT	POSITION	FINISH	TEMP	K	NPT	SIN	MFG	MODEL#	ESCAUTCHEON	MAX SPACING
○	420	UPRIGHT	BRASS	200°	5.60	1/2"	V2704	VICTAULIC	V2704	NONE	225 sqft = LH 130 sqft = OH1
●	4	PENDENT	WHITE	200°	11.20	3/4"	V3412	VICTAULIC	V3412	SEMI-REC	20' x 20'
●	11	PENDENT	WHITE	200°	5.60	1/2"	V2708	VICTAULIC	V2708	SEMI-REC	225 sqft = LH 130 sqft = OH1
○	30	UPRIGHT	BRASS	200°	5.60	1/2"	V2704	VICTAULIC	V2704	NONE	225 sqft = LH 130 sqft = OH1
○	2	UPRIGHT	BRASS	280°	5.60	1/2"	V2704	VICTAULIC	V2704	NONE	225 sqft = LH 130 sqft = OH1
	467	TOTAL									

HEAD CASE

Design Area # 2 HAZARD: LIGHT
Zone: 2 System Type: WET
Location: CENTER OF FIELD
Flowing Outlets: 10
Density: 0.10 Remote Area: 1969
Flow: 337.6 gpm @ 60.3 psi
Calculation Safety: 14.2 psi
Includes 100 gpm Hose allowance
NOTE: SPRINKLERS CALCULATED TO 1950 S.F. DUE TO SLOPING CEILING BEING OVER 20'-0"



ROOF LEVEL - B FIRE SPRINKLER PLAN
SCALE= 1/8" = 1'-0"

2 4 6 8 10 12 14 16 18

GENERAL NOTES

1. SYSTEM INSTALLED PER NFPA-13 (2016 EDITION) AND STATE FIRE MARSHAL
2. ALL EQUIPMENT FOR THIS SYSTEM SHALL BE U.L. LISTED
3. MINIMUM PIPE SIZE SHALL BE 1" NOMINAL PIPE
4. ALL SCH-40 & LIGHTWALL PIPING HAS WELDED OUTLETS & GROOVED SHORT RADIUS FITTINGS
5. ALL WELDING PER NFPA-554(2)
6. NO INSTALLATION OR FABRICATION TO BEGIN WITHOUT APPROVED SHOP DRAWINGS
7. ALL PIPE LOCATIONS ARE TO BE FIELD MEASURED PRIOR TO FABRICATION AND INSTALLATION BY SPRINKLER CONTRACTOR
8. ALL DIMENSIONS SHOWN ARE CENTER TO CENTER
9. HIGH TEMPERATURE HEADS ARE TO BE FIELD LOCATED WHERE REQUIRED
10. PROVIDE ON SPARE HEAD CABINET w/8 HEADS & 1 HEAD WRENCH
11. HANGERS ARE TO BE U.L. LISTED AND F.M. APPROVED
12. ELECTRICAL WIRING, ALARM, DETECTION AND SUPERVISORY BY OWNER
13. OWNERS RESPONSIBILITY TO PROVIDE ADEQUATE HEATING TO PREVENT WET SYSTEM PIPING FROM FREEZING.

NO	REVISIONS	DATE	APPROVAL STAMPS

Contract No. C24-100

Drawing Date: 02/03/25

Scale: 1/8" = 1'-0"

Drawn By: JVG

Approval By: STATE FIRE MARSHAL DIV.

SHEET NO. FP 3 of 3

FIRE PROTECTION PLAN

ROGERS INDOOR TURF

21200 141st AVE. N.

ROGERS, MN. 55374