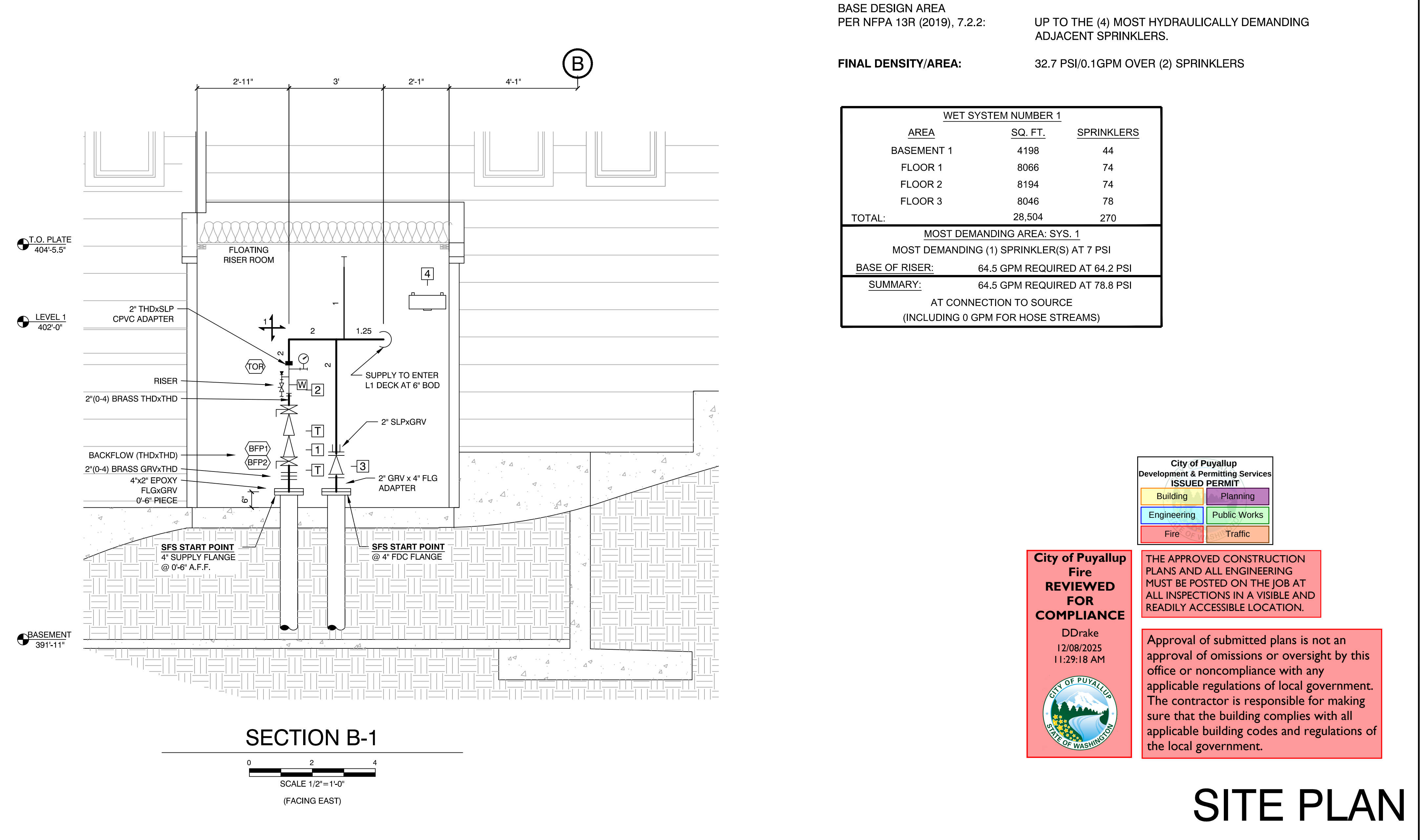
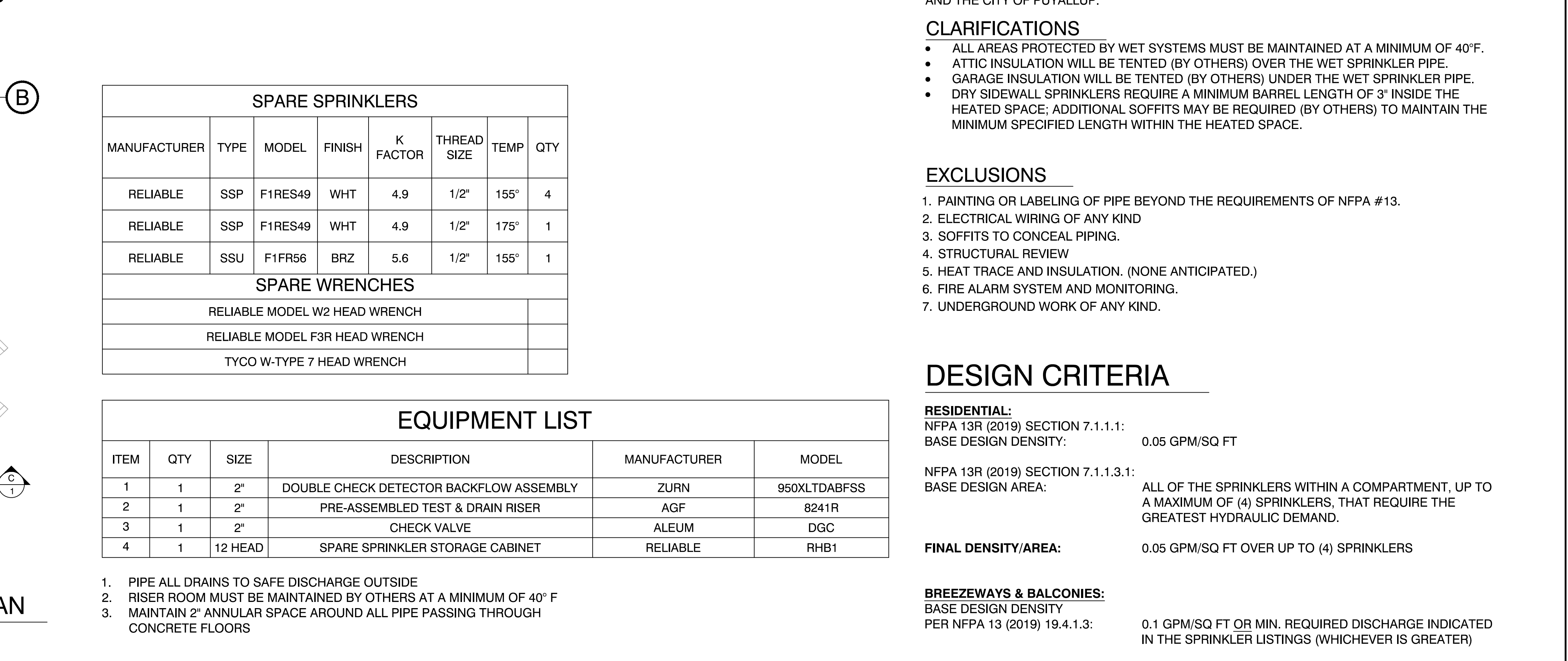
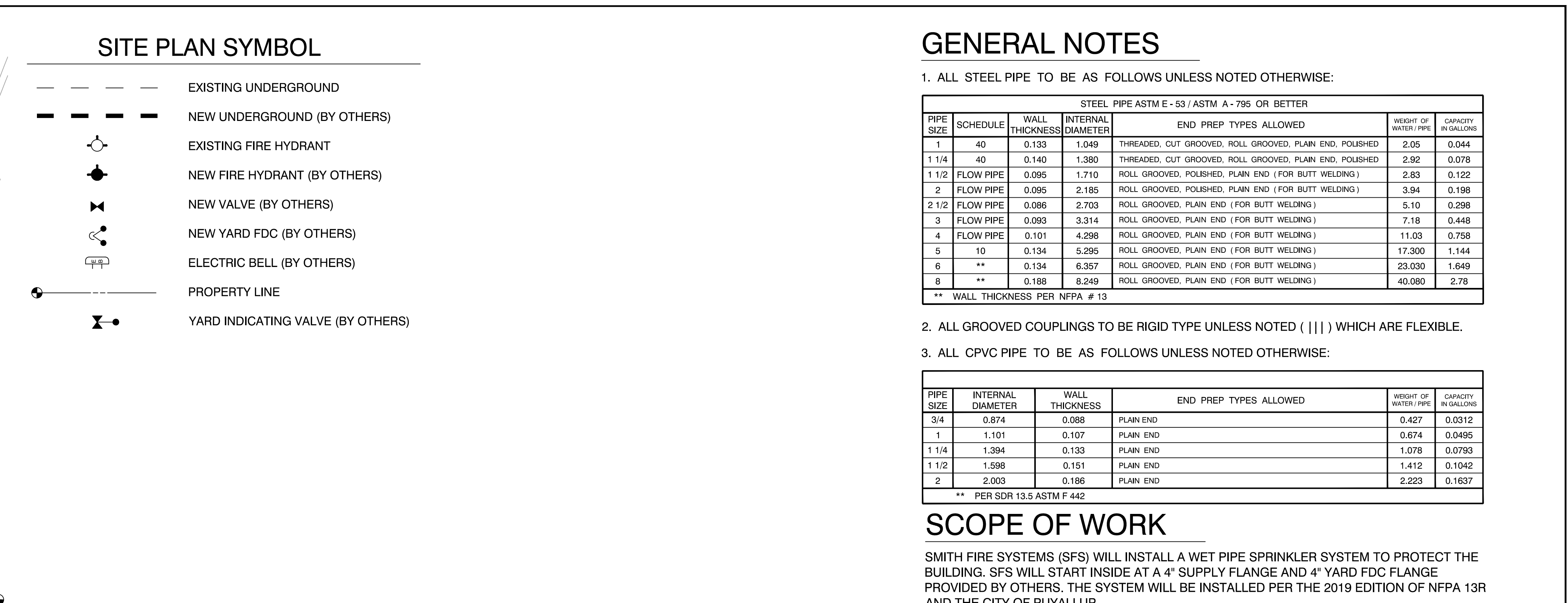




REVISIONS

REASON FOR REVISION

CONTRACT WITH

RUSH COMMERCIAL
CONSTRUCTION INC.

411 1ST AVE S

SUITE #650

SEATTLE, WA 98104

PROJECT MANAGER : EVAN COCHRAN

PHONE : ECOCHRAN@RUSHCOMPANIES.COM

FAX :

SUPERINTENDENT :

PHONE :

FAX :

WA

1205/2025

2345-1019-C Level 3

Smith Fire Systems, Inc.

SMITHFS13607

Inspector

Aaron Stewart Nelson

12/05/2025

DATE

CERTIFICATE OF COMPETENCY STAMP

KEY PLAN

SFS

SMITH FIRE SYSTEMS, INC.

1106 54th AVE EAST

TACOMA, WA 98404

CONTR. REG. NO. SMITHFS13607

BUS: (253) 928-1880 FAX: (253) 926-2350

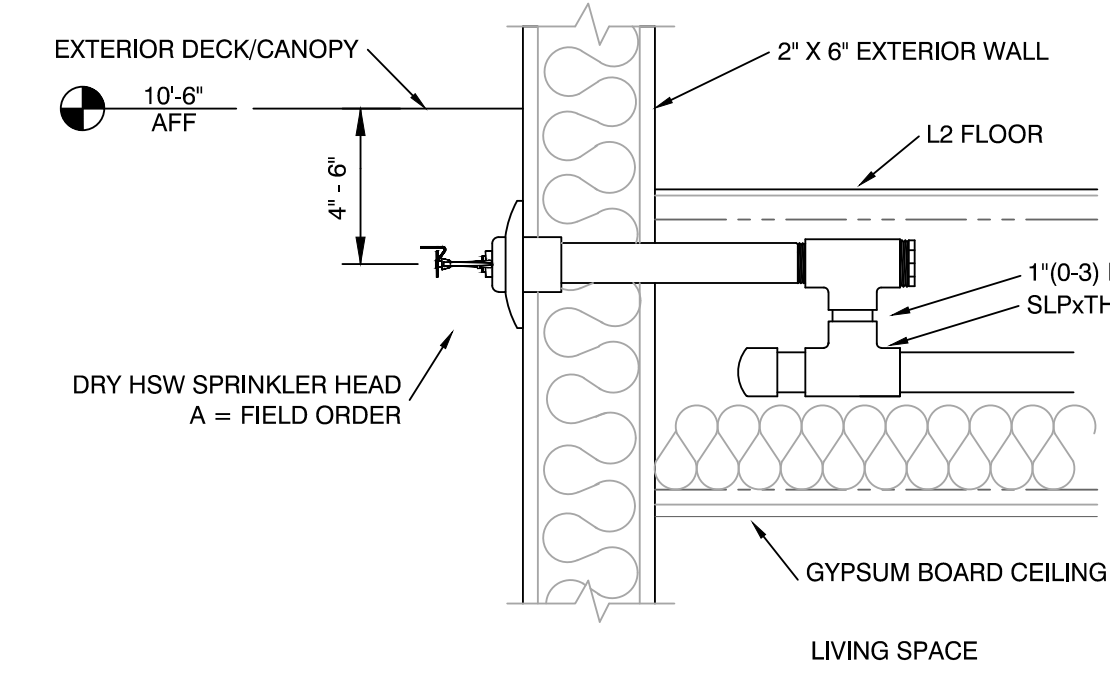
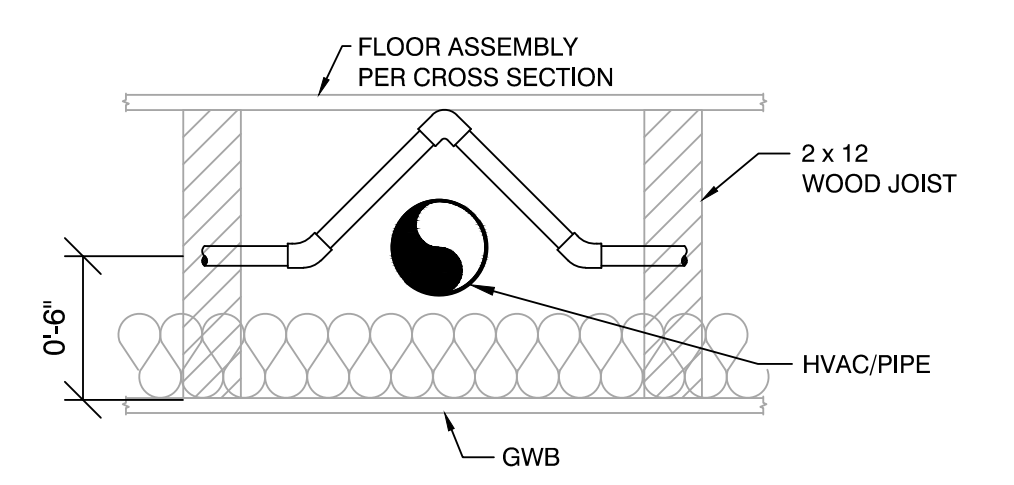
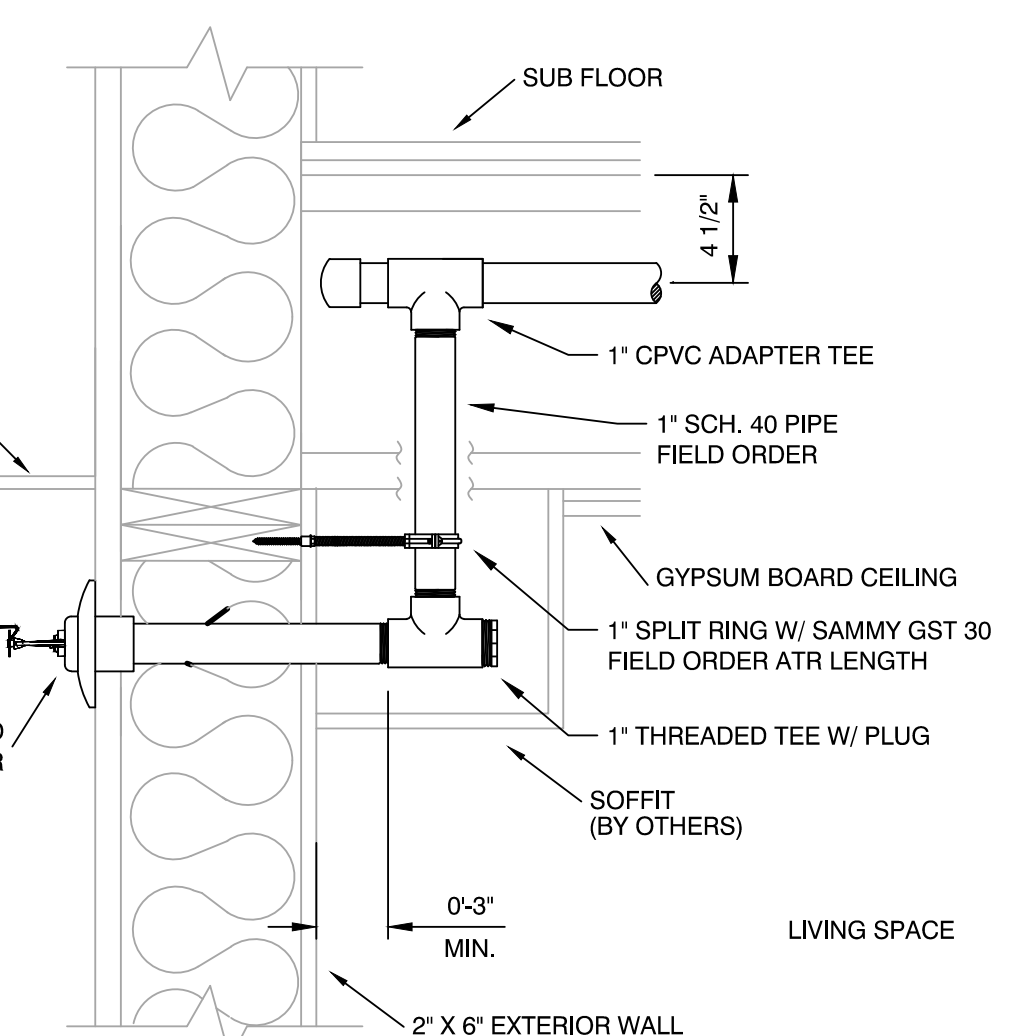
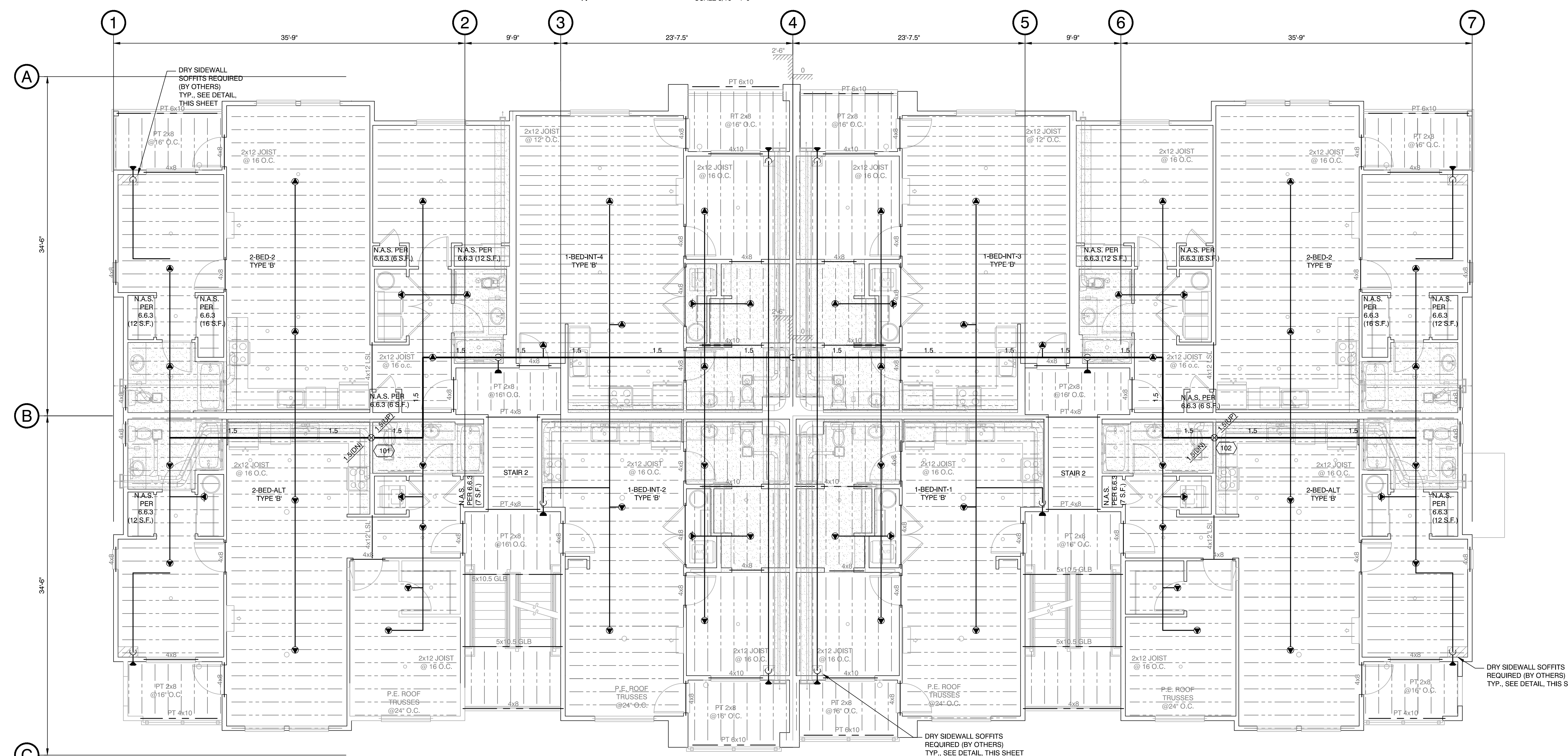
BRADLEY HEIGHTS APARTMENTS

BUILDING F

206 27TH AVE SE

PUYALLUP, WA 98374

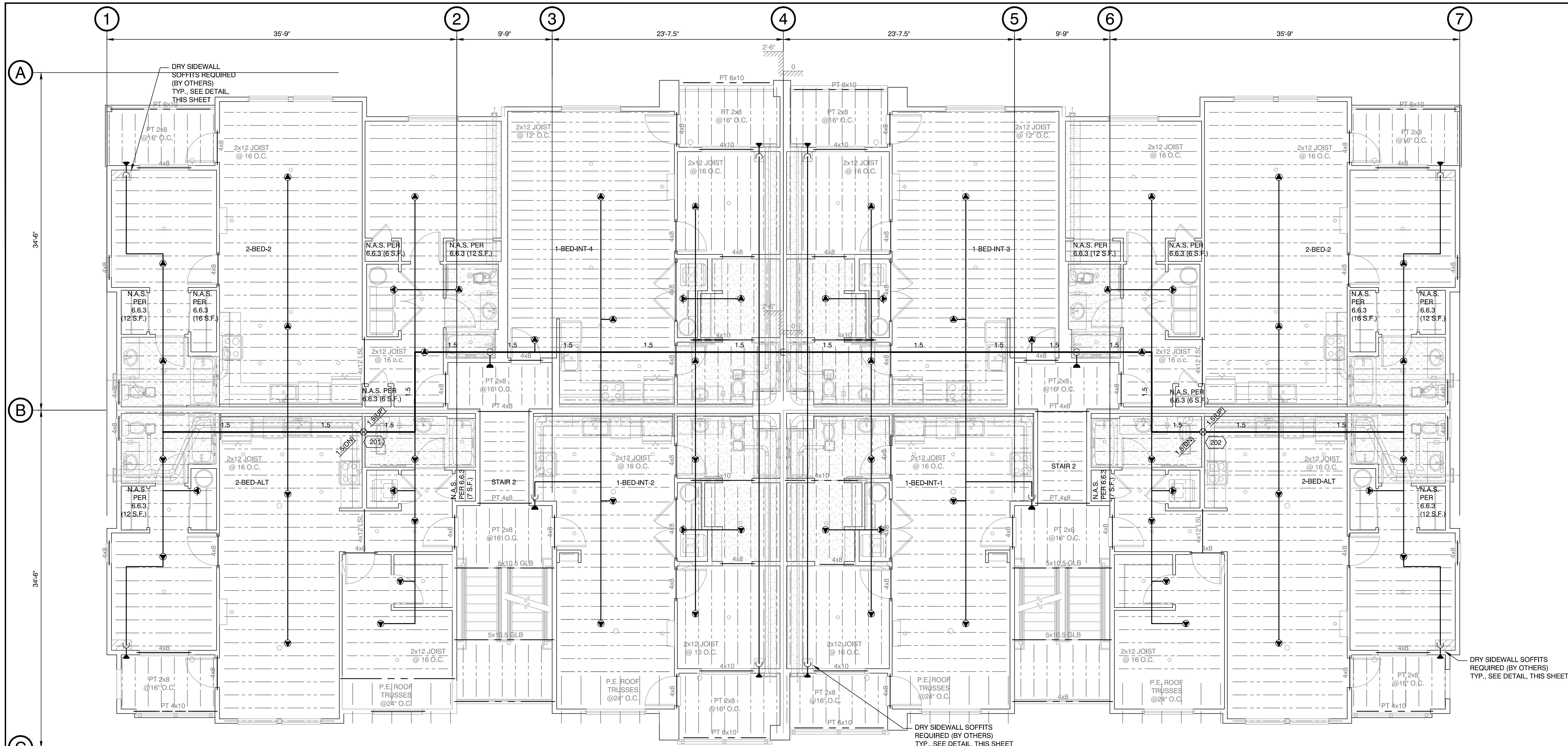
DESIGNER	PROJECT MGR	DATE	SHEET	JOB NO.
A. RIDEOUT	N. GRASSI	09/30/25	1 OF 3	TC25207



CPVC NOTES

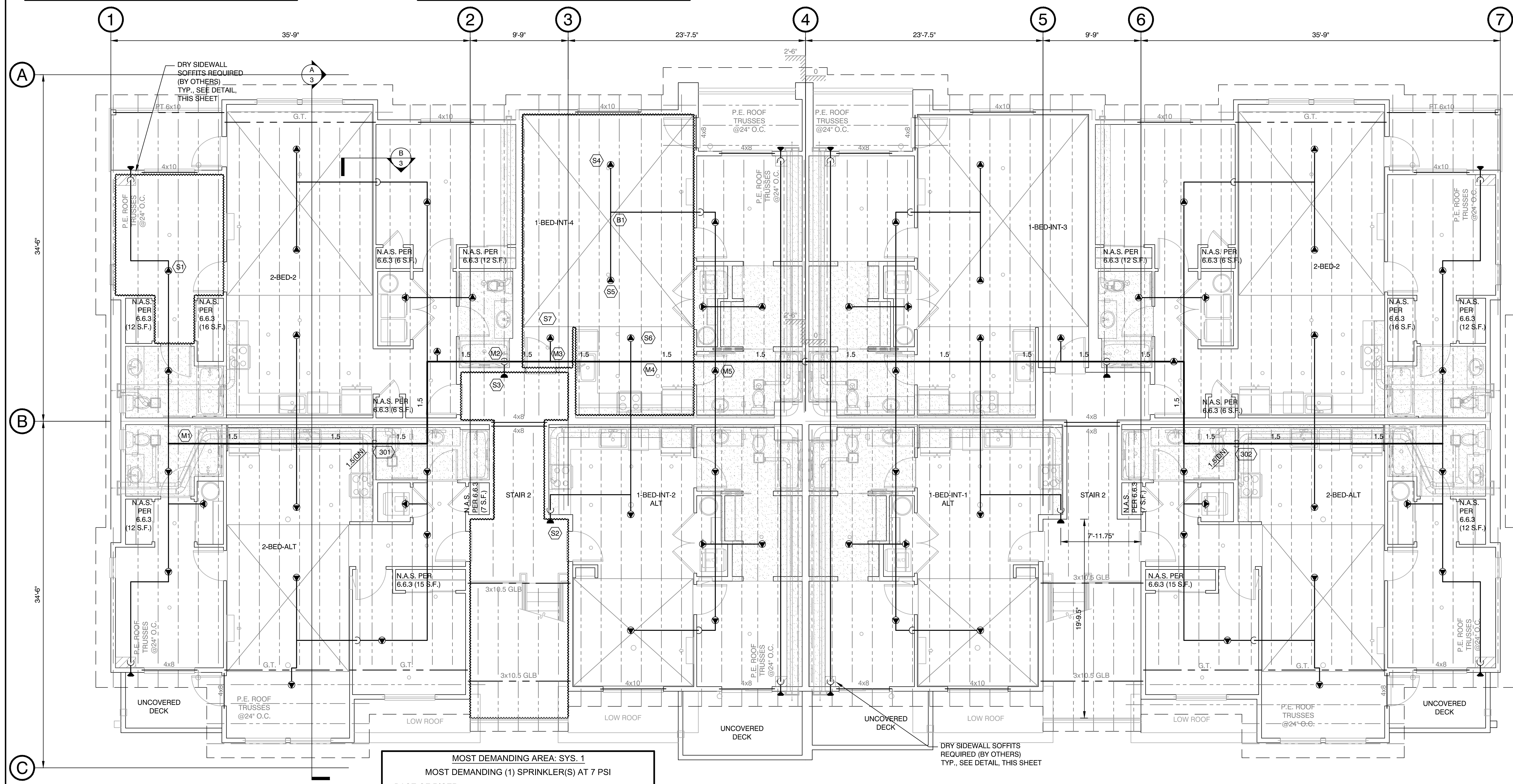
1. CPVC PIPE IS NOTED AS: SIZE PER PLAN
2. ALL CPVC ELEVATION TO BE 6 BOD, U.N.O.
3. ALL CPVC TO BE BRACED PER DETAIL ON SHEET 4
4. ALL CPVC BRANCHLINES AND DROPS TO BE 1", U.N.O.
5. ALL CPVC MAINS TO BE 1.5", U.N.O.
6. HANGER SPACING FOR CPVC PIPING IS PER MANUFACTURERS LISTING AS FOLLOWS:
 - 1" CPVC 6'-0" O.C.
 - 1-1/4" CPVC 8'-0" O.C.
 - 1-1/2" CPVC 7'-0" O.C.
 - 2" CPVC 8'-0" O.C.
7. RELIABLE F1RES49 RESIDENTIAL SPRINKLERS SHALL NOT BE SPACED MORE THAN 9 FEET FROM A WALL IN ANY ONE DIRECTION OR 18 FEET BETWEEN SPRINKLERS IN COMPARTMENTS WITH (2) OR MORE HEADS.
8. RELIABLE F1RES49 RESIDENTIAL SPRINKLERS SHALL NOT BE SPACED MORE THAN 10 FEET FROM A WALL IN ANY ONE DIRECTION OR 20 FEET BETWEEN SPRINKLERS IN COMPARTMENTS WITH (1) HEAD.
9. TWO HS-1 EXTENDED COVERAGE DRY HORIZONTAL SIDEWALL HEADS TO BE SPACED NO GREATER THAN 16' FROM ADJACENT HEADS OR 8' FROM ADJACENT WALLS AND NO GREATER THAN 20' FROM OPPOSITE WALL.
10. RELIABLE F30R DRY HORIZONTAL SIDEWALL HEADS TO BE SPACED NO GREATER THAN 14' FROM ADJACENT HEADS, 7' FROM ADJACENT WALLS AND A MAXIMUM OF 14' FROM OPPOSITE WALLS PER NFPA 13(2019).
11. RELIABLE F1RES49 RESIDENTIAL SPRINKLERS SHALL NOT BE SPACED LESS THAN 18" FROM PROTRUDING LIGHT FIXTURES.

[illegible]



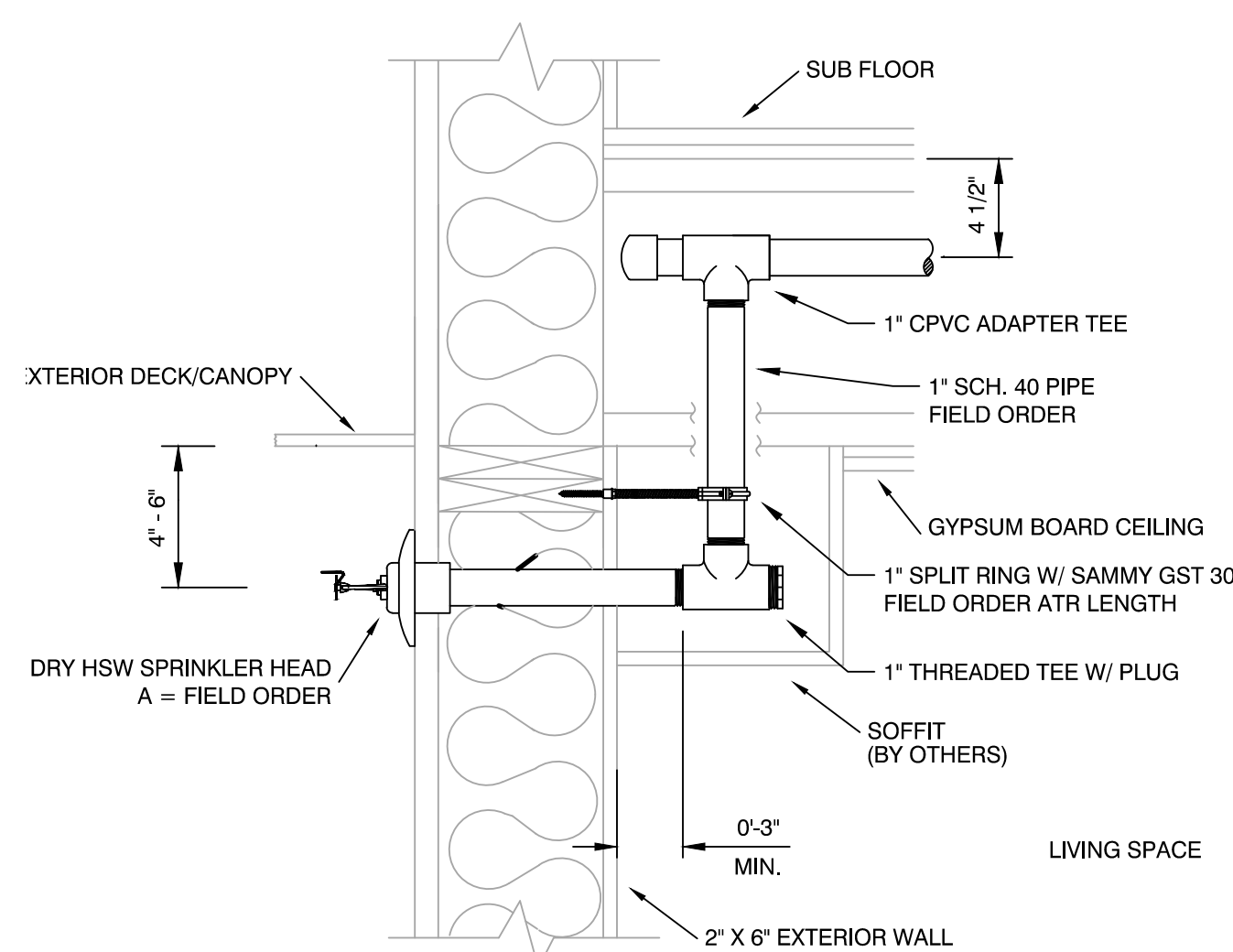
AUXILIARY DEMANDING AREA: SYS. 1
DENSITY: 0.05 GPM OVER HEADS
BASE OF RISER: 20 GPM REQUIRED AT 34.5 PSI

AUXILIARY DEMANDING AREA: SYS. 1
DENSITY: 0.05 GPM OVER HEADS
BASE OF RISER: 81.5 GPM REQUIRED AT 57.1 PSI

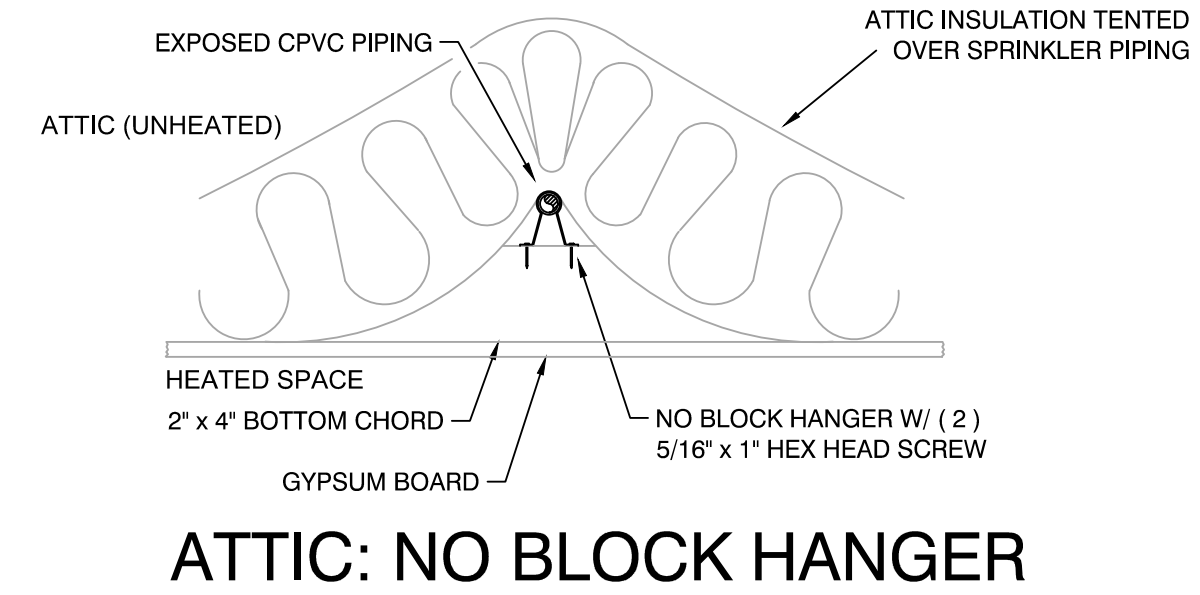


MOST DEMANDING AREA: SYS. 1
MOST DEMANDING (1) SPRINKLER(S) AT 7 PSI
BASE OF RISER: 64.5 GPM REQUIRED AT 64.2 PSI

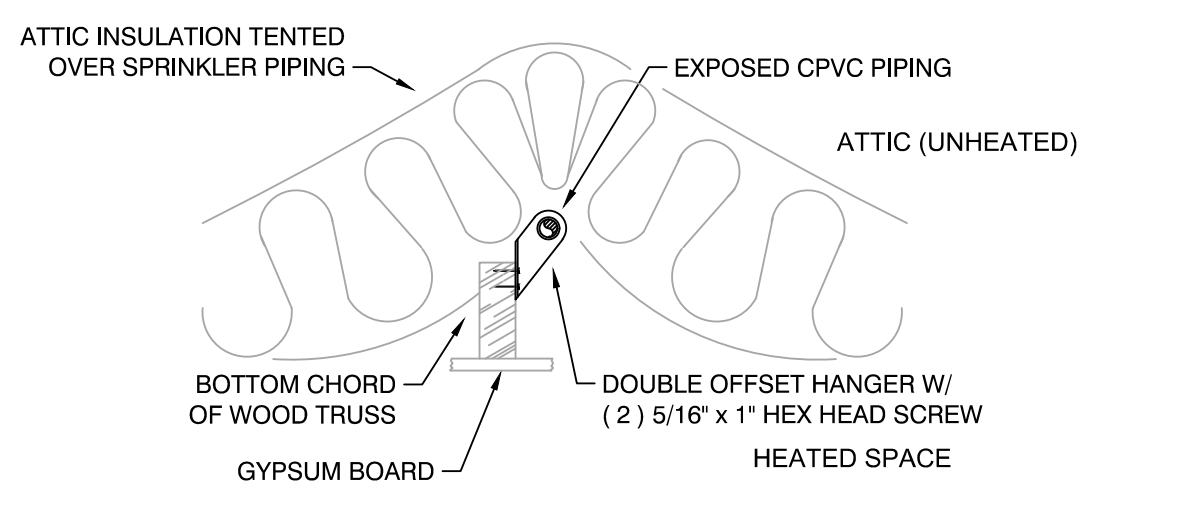
BUILDING F - L3 PLAN



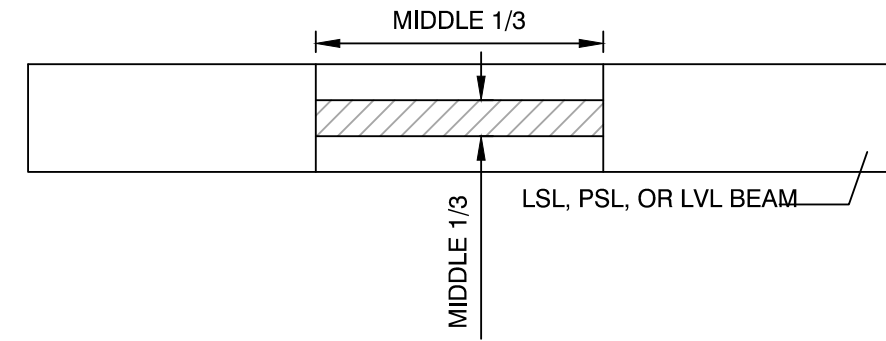
DRY SIDEWALL DETAIL



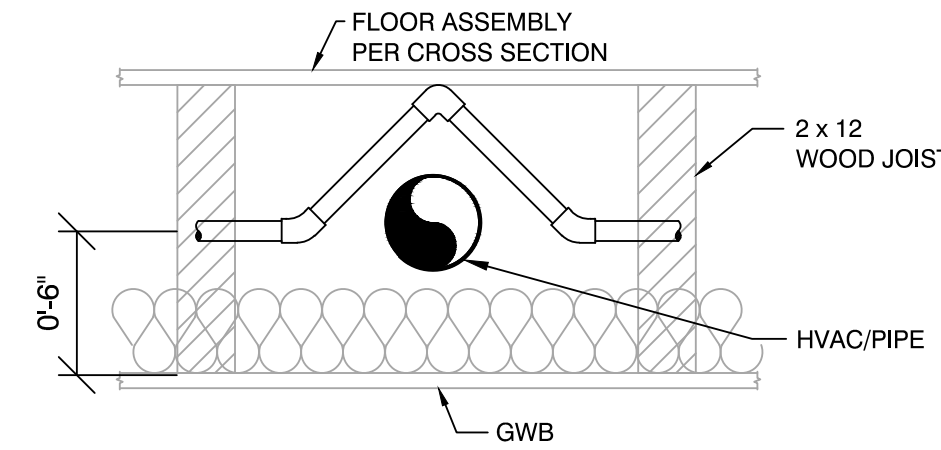
ATTIC: NO BLOCK HANGER



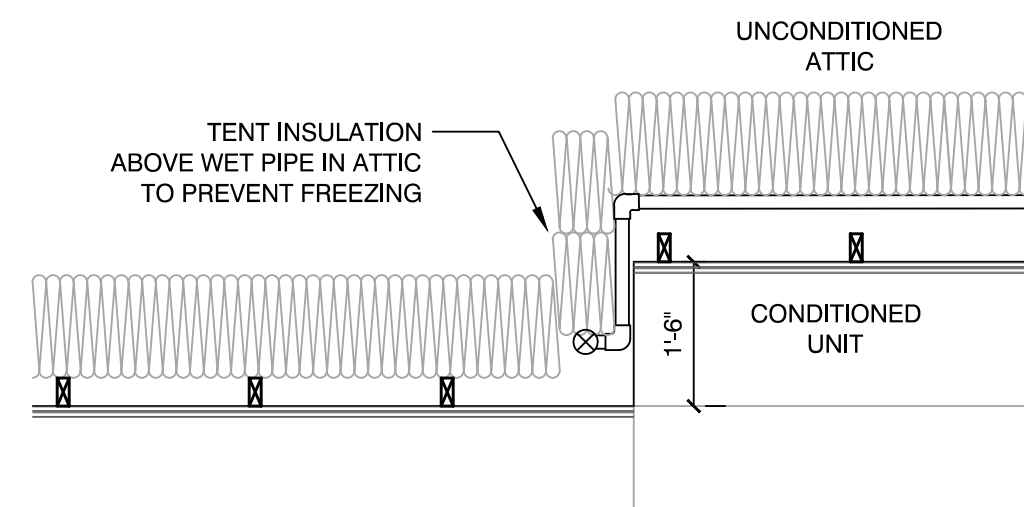
ATTIC: DOUBLE OFFSET HANGER



BEAM PENETRATION DETAIL

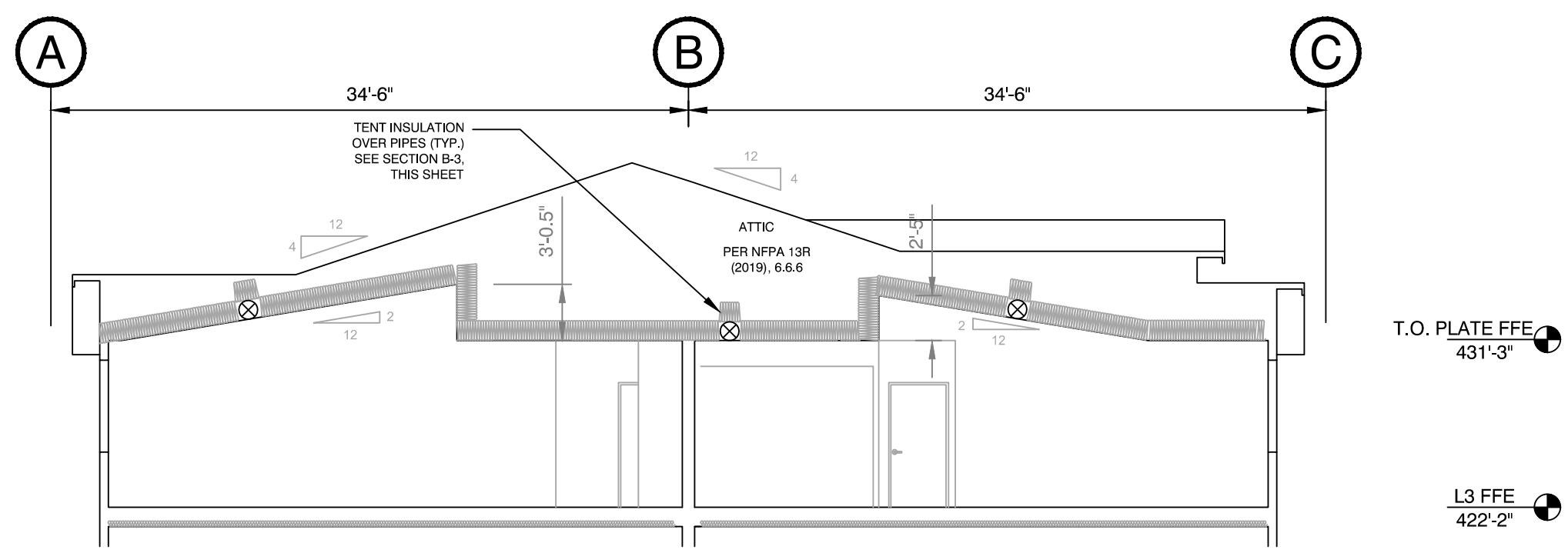


TYP. CPVC OFFSET



SECTION B-3

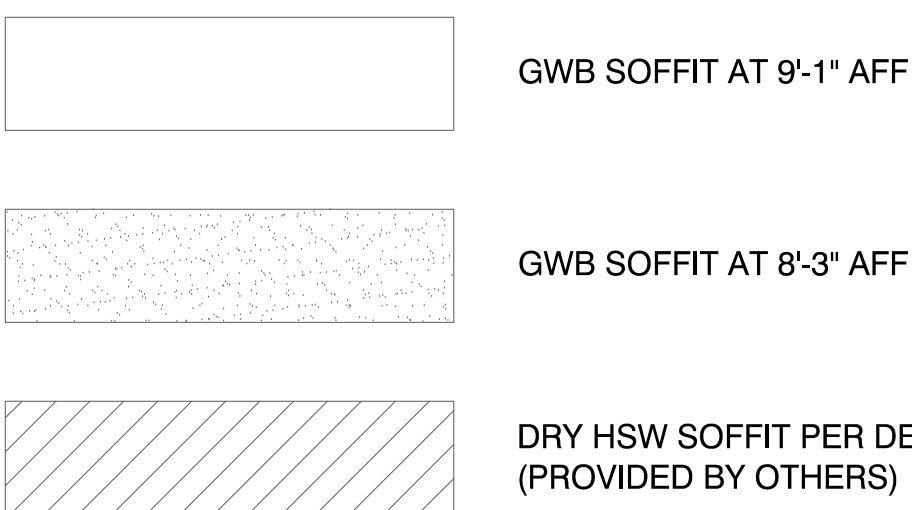
N.T.S.



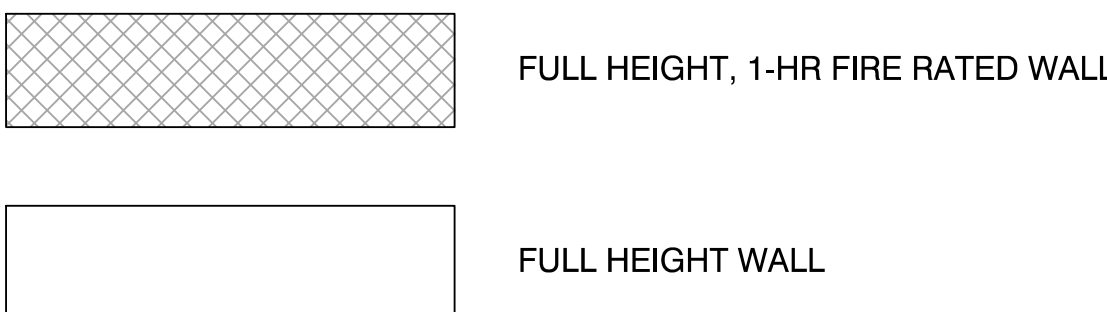
SECTION A-3

SCALE 1/8\"/>

CEILING LEGEND

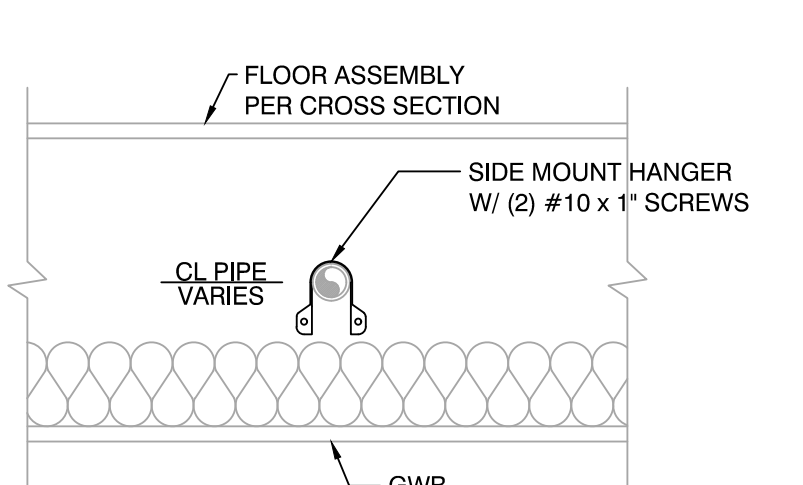


WALL LEGEND

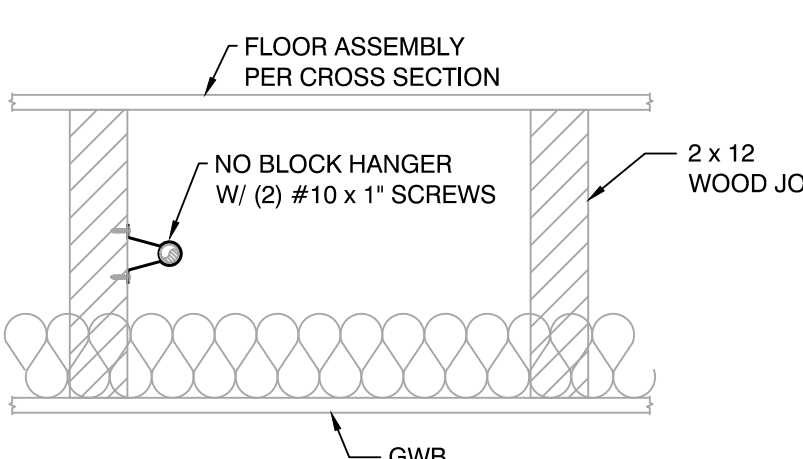


CPVC NOTES

- CPVC PIPE IS NOTED AS: SIZE PER PLAN
- ALL CPVC ELEVATION TO BE 6 BOD, U.N.O.
- ALL CPVC TO BE BRACED PER DETAIL ON SHEET 4
- ALL CPVC BRANCHLINES AND DROPS TO BE 1", U.N.O.
- ALL CPVC MAINS TO BE 1.5", U.N.O.
- HANGER SPACING FOR CPVC PIPING IS PER MANUFACTURER'S LISTING AS FOLLOWS:
1" CPVC 6'-0" O.C.
1-1/4" CPVC 6'-6" O.C.
1-1/2" CPVC 7'-0" O.C.
2" CPVC 8'-0" O.C.
- RELIABLE F1RES49 RESIDENTIAL SPRINKLERS SHALL NOT BE SPACED MORE THAN 9 FEET FROM A WALL IN ANY ONE DIRECTION OR 18 FEET BETWEEN SPRINKLERS IN COMPARTMENTS WITH (2) OR MORE HEADS.
- RELIABLE F1RES49 RESIDENTIAL SPRINKLERS SHALL NOT BE PLACED NO GREATER THAN 14" FROM ADJACENT HEADS OR 8" FROM ADJACENT WALLS AND NO GREATER THAN 20" FROM OPPOSITE WALL.
- RELIABLE F3QR DRY HORIZONTAL SIDEWALL HEADS TO BE PLACED NO GREATER THAN 18" FROM ADJACENT WALLS AND A MAXIMUM OF 14" FROM OPPOSITE WALLS PER NFPA 13(2019).
- RELIABLE F1RES49 RESIDENTIAL SPRINKLERS SHALL NOT BE SPACED LESS THAN 18" FROM PROTRUDING LIGHT FIXTURES.



SIDE MOUNT HANGER



NO BLOCK HANGER

FITTER NOTES

- 2x12 WOOD JOISTS, 16" O.C., TYP., U.N.O. ON L2
- PRE-MAN. ROOF TRUSSES, 24" O.C., TYP., U.N.O. ON L3

L2 & L3 SPRINKLER LEGEND									
SYMBOL	MANUFACTURER	S/N	TYPE	MODEL	HEAD FINISH	TRIM FINISH	ORIFICE	THREAD	TEMP
RELIABLE	RA1064	EC	DHSW	DHSW	CHRM	CHRM	5.6K	1"	155°
TYCO	TY3338	EC	DHSW	DS-1	CHRM	CHRM	5.6K	1"	155°
RELIABLE	R3516	SSP	F1RES49	WHITE	WHITE	WHITE	4.9K	1/2"	155°
RELIABLE	R3516	SSP	F1RES49	WHITE	WHITE	WHITE	4.9K	1/2"	175°
TOTAL									152

ABBREVIATIONS	
1/2"	1/2" ABOVE FINISHED FLOOR
BOE	BOTTOM OF BEAM
BOJ	BOTTOM OF JOIST
BOF	BOTTOM OF FURCH
BOF	BOTTOM OF TRUSS
BOF	BOF TO GUT
FO	FIELD ORDER
FOW	INSIDE FACE OF WALL
NO	NO AUTO. SPRINKLERS
UNO	UNLESS NOTED OTHERWISE

SYMBOL LEGEND	
1/2"	CENTERLINE OF PIPE TO REFERENCED STRUCTURE IN INCHES
1/2"	SWAY EARTHQUAKE SWAY BRACE LETTER INDICATES TYPE
1/2"	4-WAY EARTHQUAKE SWAY BRACE LETTER INDICATES TYPE
1/2"	HANGER LOCATION
1/2"	ELEVATION ABOVE, REFERENCED POINT IN FEET AND INCHES
1/2"	HYDRAULIC CALCULATION NODE
1/2"	FLEXIBLE COUPLING
1/2"	RIGID COUPLING

REVISIONS		
NO.	DATE	BY

CONTRACT WITH
RUSH COMMERCIAL CONSTRUCTION INC.
411 1ST AVE S
SUITE #650
SEATTLE, WA 98104
PROJECT MANAGER: EVAN COCHRAN
PHONE: ECOCHRAN@RUSHCOMPANIES.COM
FAX: SUPERINTENDENT:
PHONE:
FAX:



CERTIFICATE OF COMPETENCY STAMP

KEY PLAN

L1-L2 FLOOR PLAN

SMITH FIRE SYSTEMS, INC.
1106 54th AVE EAST
TACOMA, WA 98424
CONTR. REG. NO. SMITHS13607
Bus: (253) 926-1880 FAX: (253) 926-2350

BRADLEY HEIGHTS APARTMENTS BUILDING F
206 27TH AVE SE
PUYALLUP, WA 98374

DESIGNER	PROJECT MGR	DATE	SHEET	JOB NO.
A. RIDEOUT	N. GRASSI	09/30/25	3 OF 3	TC25207