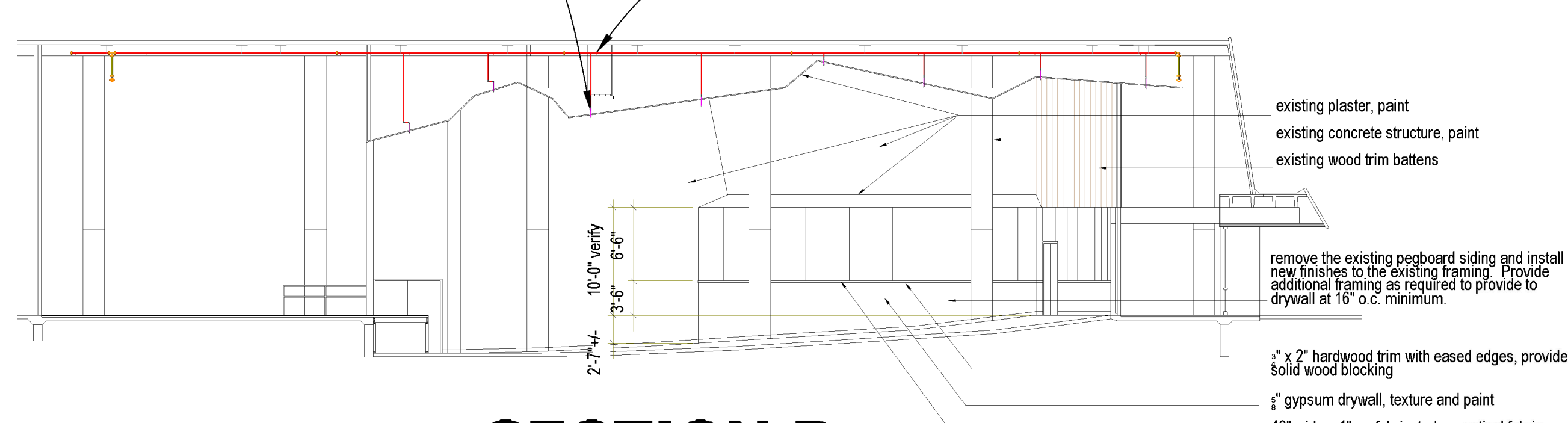
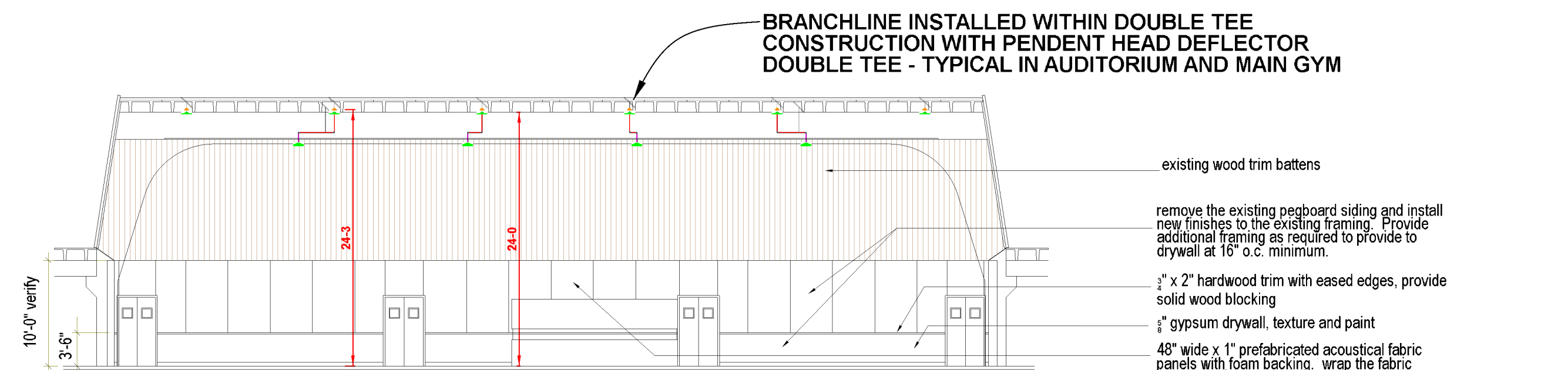


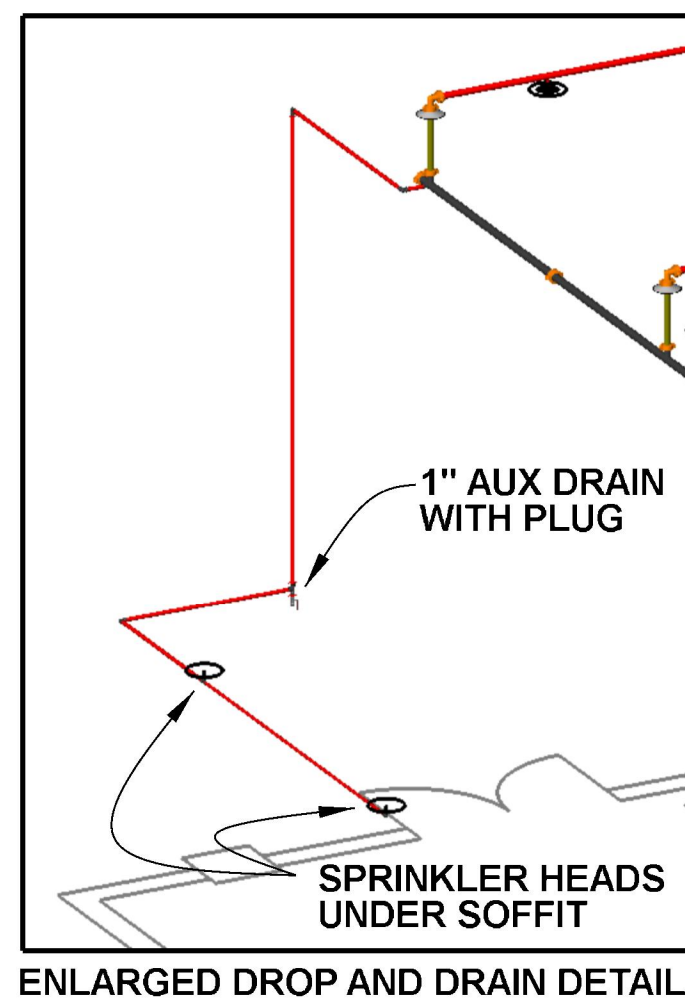
BRANCHLINE INSTALLED WITHIN DOUBLE TEE
CONSTRUCTION WITH PENDENT HEAD DEFLECTOR
DOUBLE TEE - TYPICAL IN AUDITORIUM AND MAIN GYM



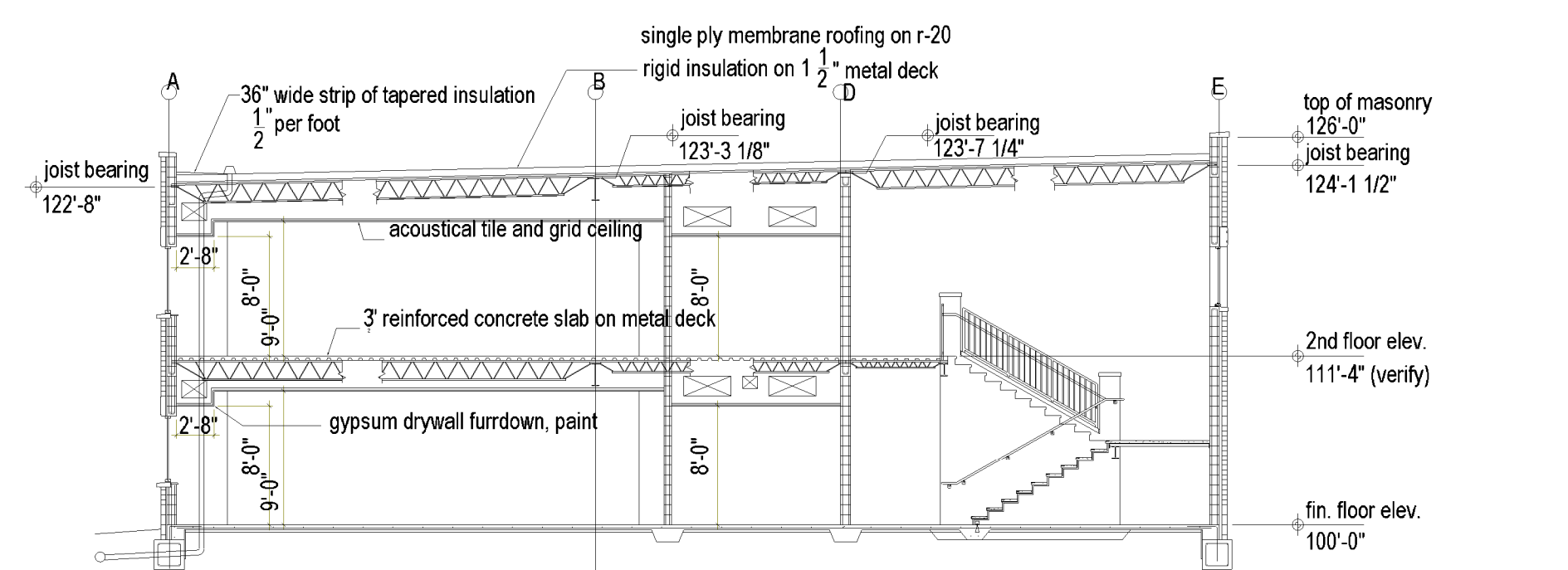
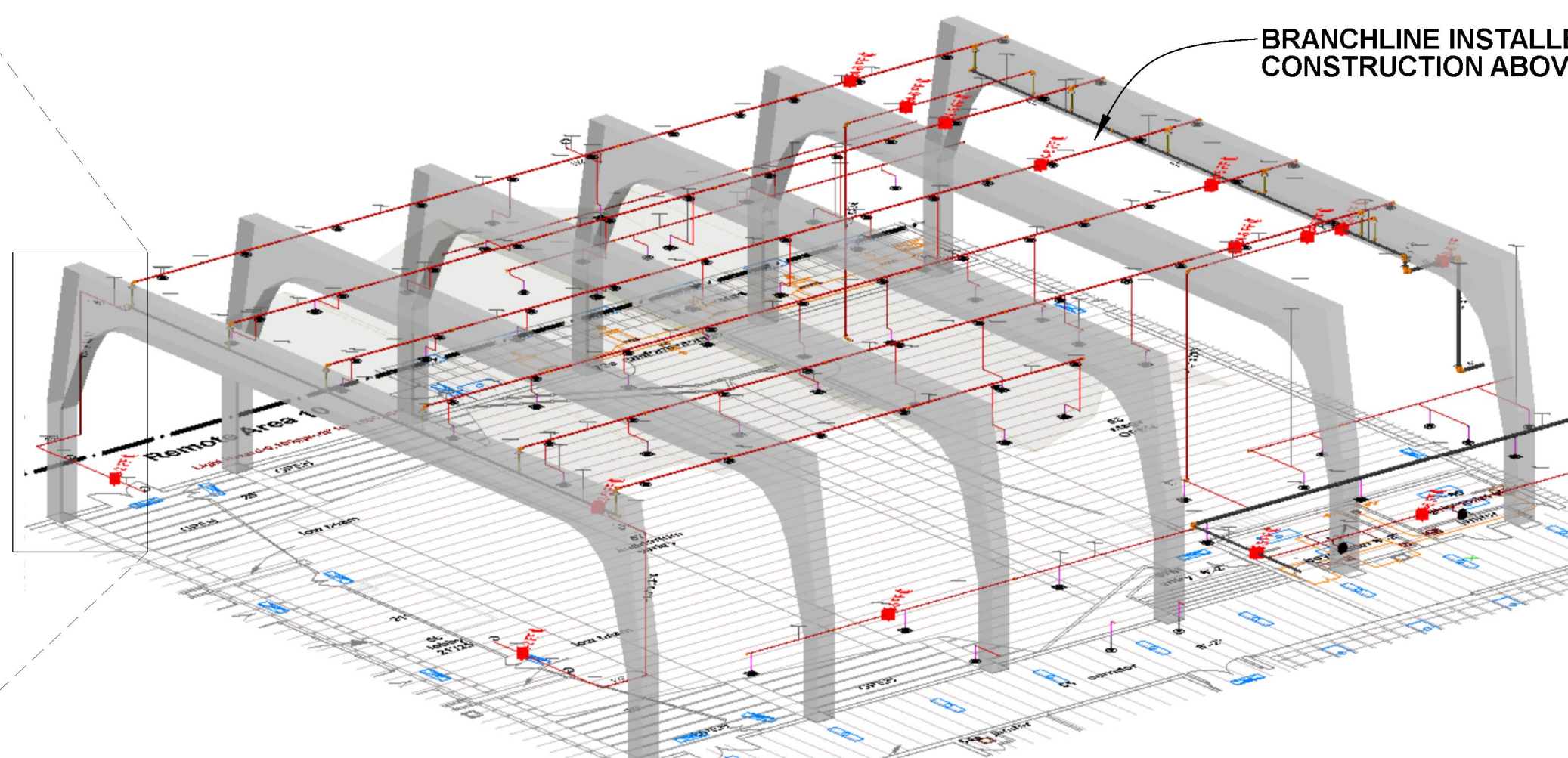
SECTION D



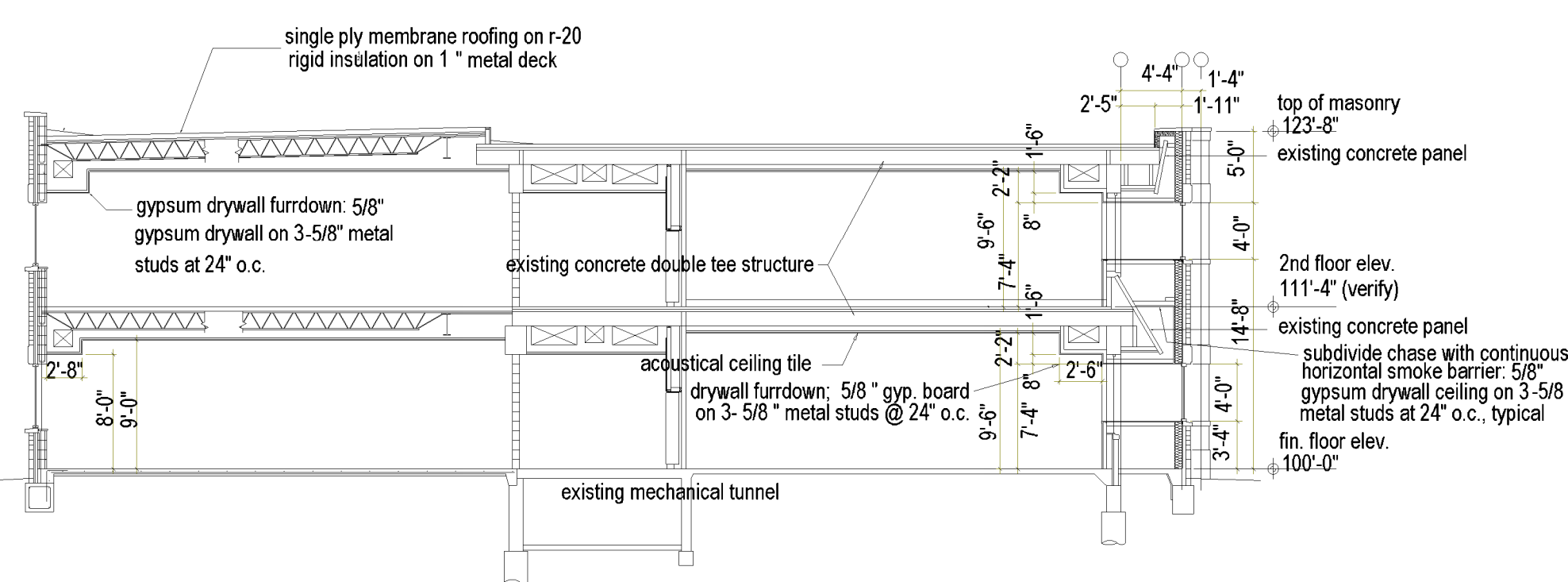
SECTION E



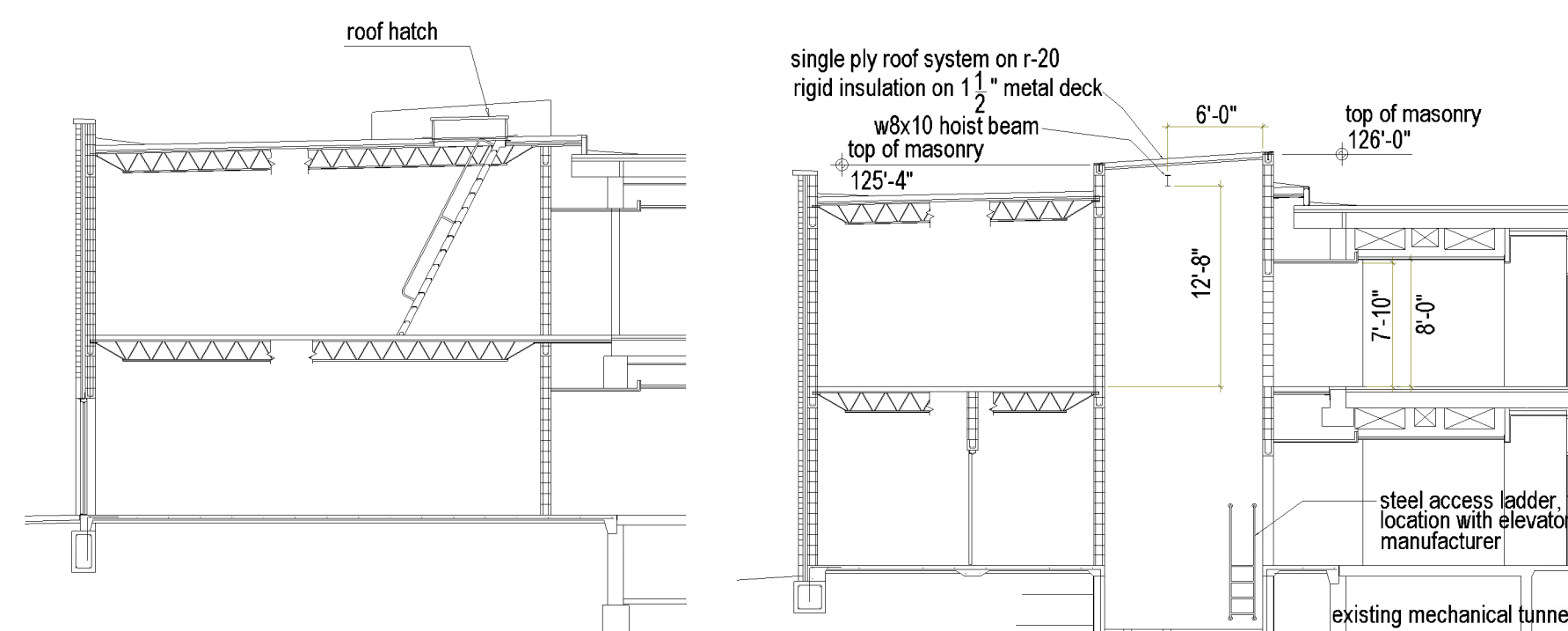
AUDITORIUM ISO



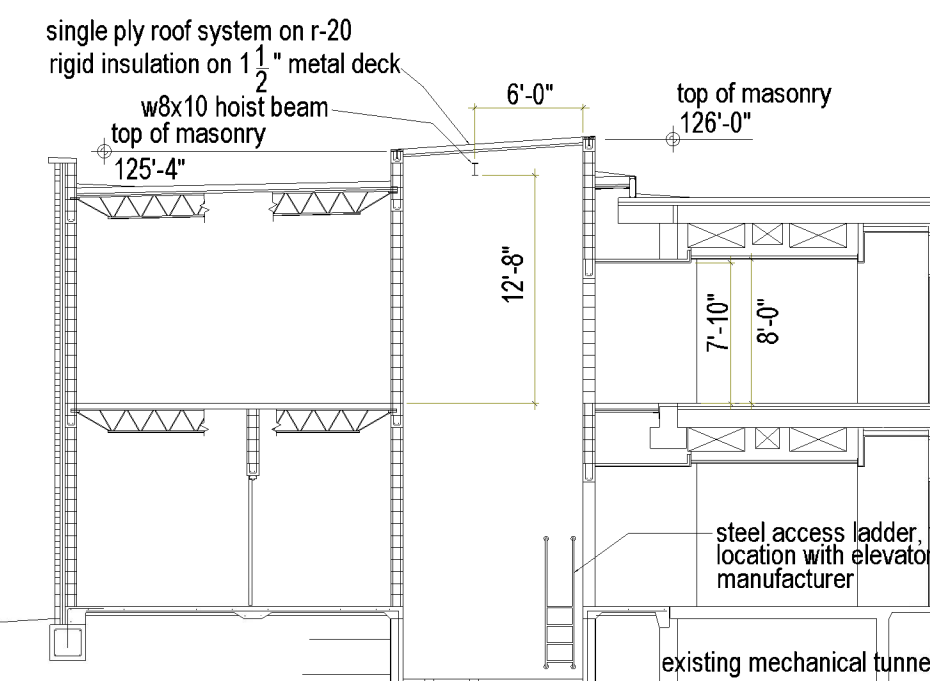
SECTION B-B



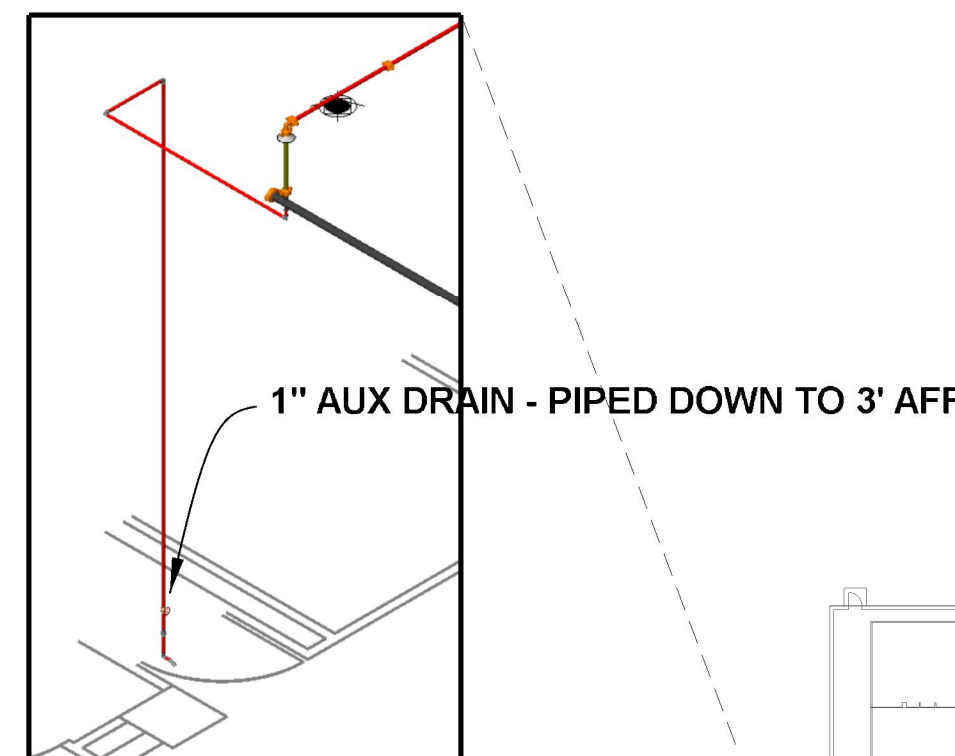
SECTION C-C



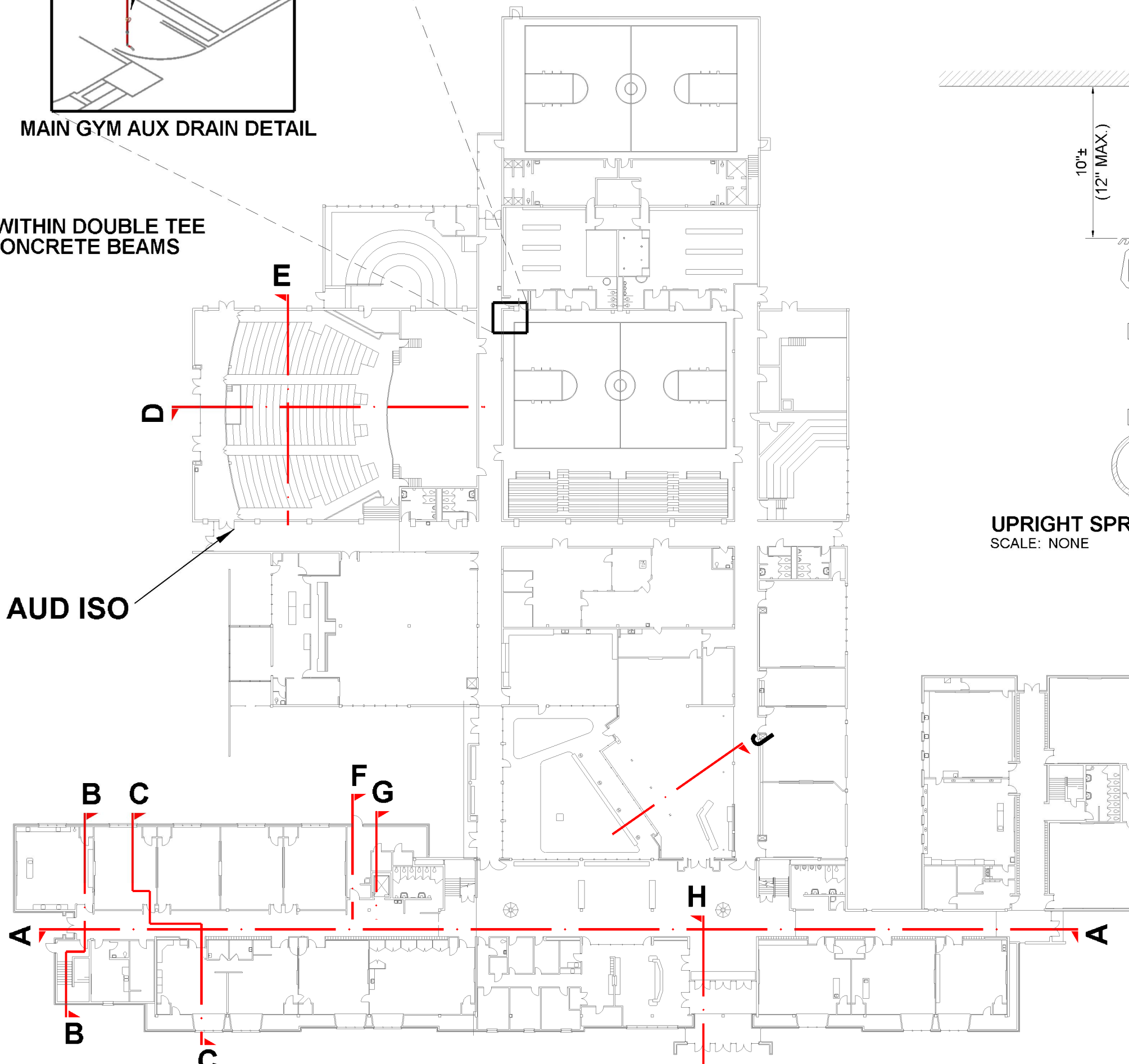
SECTION F



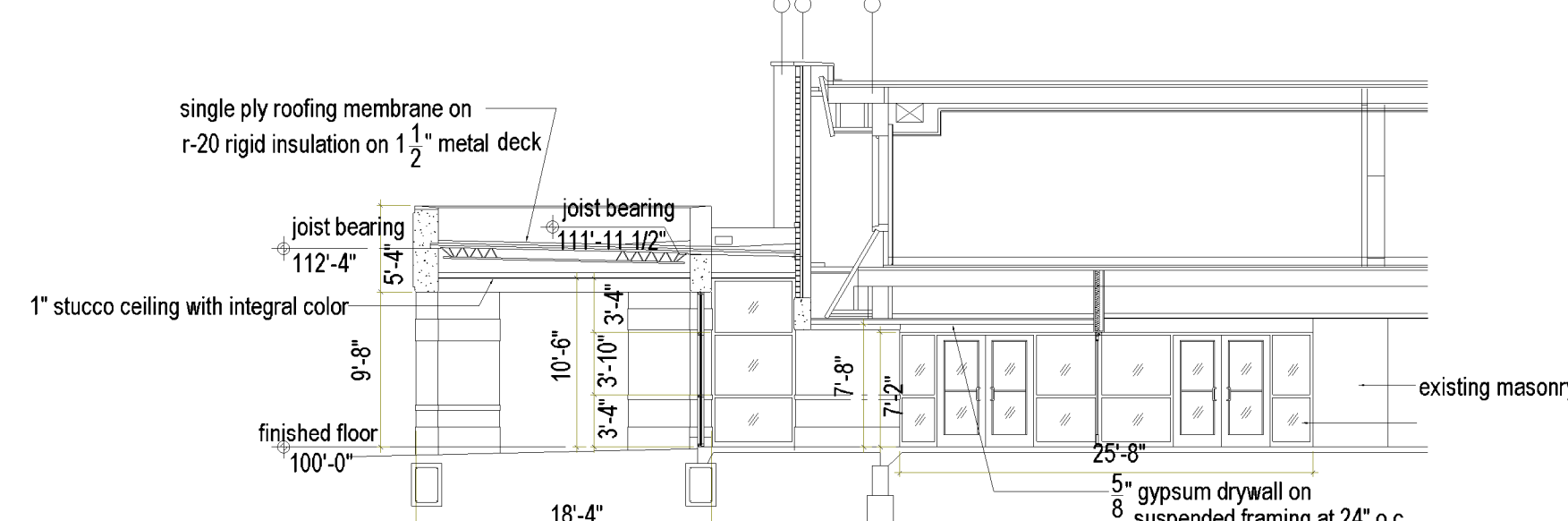
SECTION G



MAIN GYM AUX DRAIN DETAIL

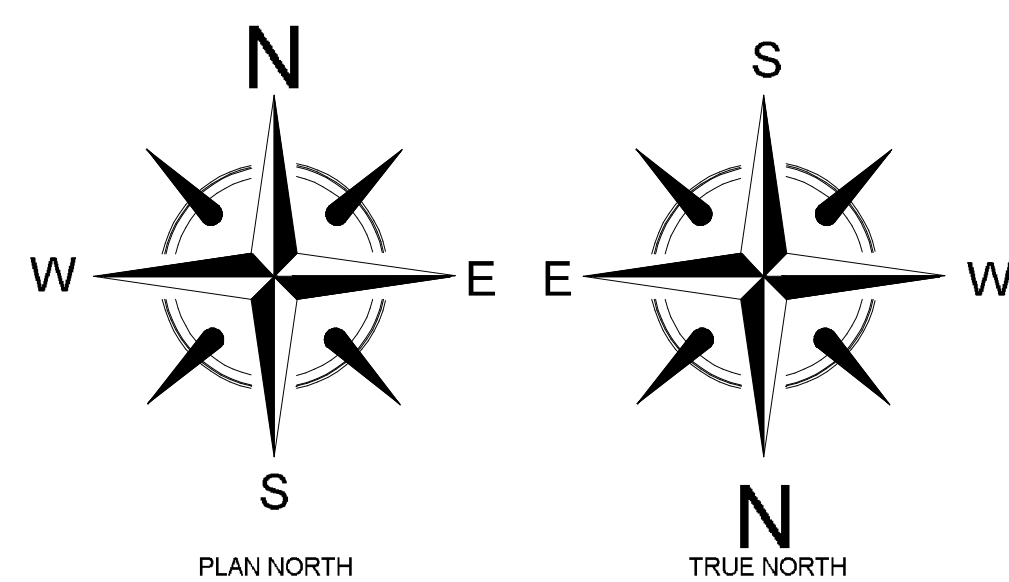


SECTION KEY PLAN

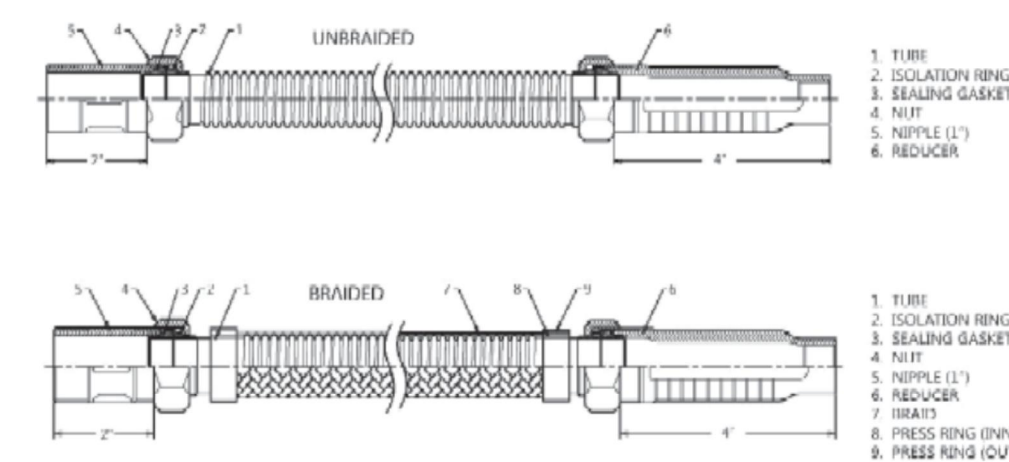


SECTION H

SECTION & DETAIL PLAN



FLEXIBLE HOSE DATA SHEET



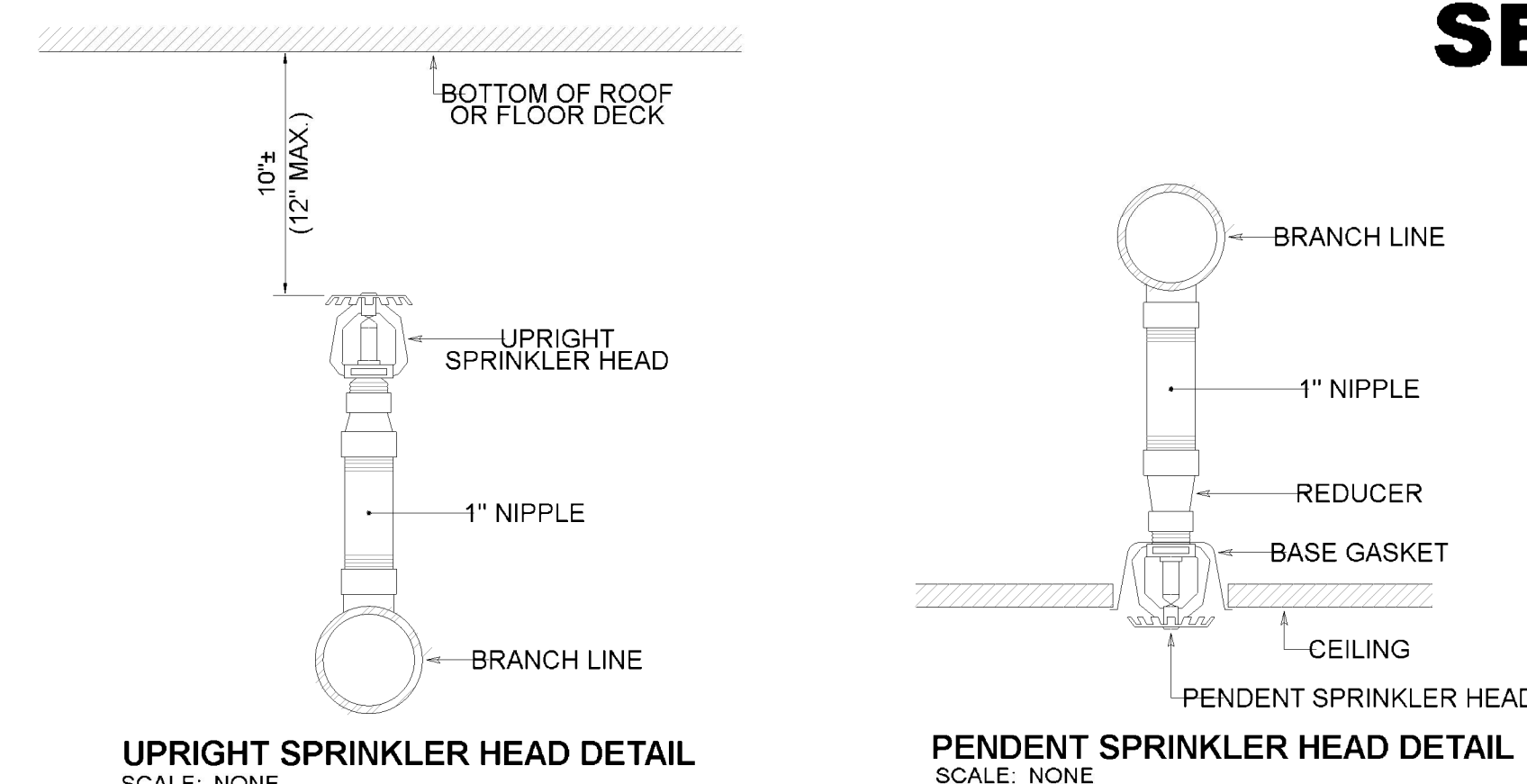
FEATURES & MATERIALS

HOSE LENGTHS 30' 36" 48' 72'	HOSE ROADS MATERIAL Barium Sulfate 254	HOSE ROADS MATERIAL NUT & NUTPLUG MATERIALS 1/2" - 1 1/2" HOSE SEALING GASKET / SEALATION RING MATERIAL EPDM / NYLON
SIZES 1/2" 3/4" 1" 1 1/4" 1 1/2" 2" 2 1/2" 3" 3 1/2" 4" 5" 6" 8" 10" 12" 14" 16" 18" 20" 24" 30" 36" 42" 48" 60" 72" 84" 96" 108" 120"		
HOSE TYPES Braided Unbraided		

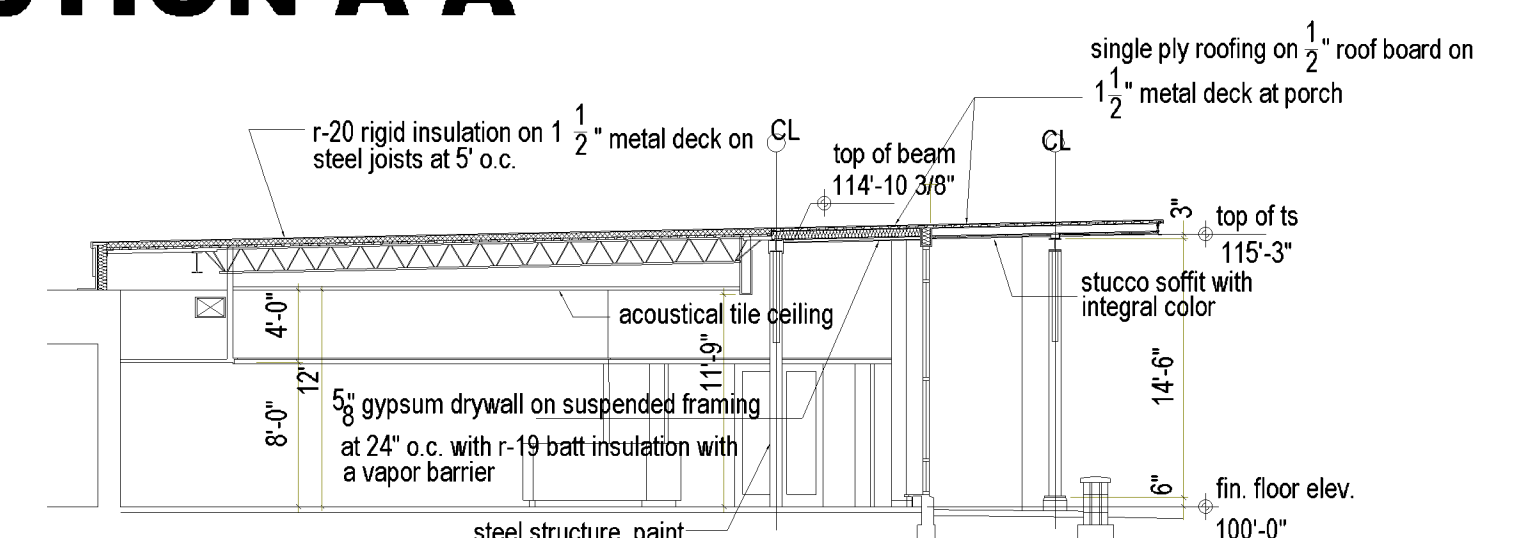
FRICTION LOSS DATA

Length	Outlet Connections	MAX number of 90° Bends (LJ)	Equivalent Length of 1" Schedule 40 Pipe (f = f _{PMU} L)
24"	1/2"	1	43.7 ft
	3/4"	1	47.7 ft
36"	1/2"	2	115.1 ft
	3/4"	2	125.6 ft
48"	1/2"	3	166.8 ft
	3/4"	3	177.3 ft
60"	1/2"	4	204.6 ft
	3/4"	4	217.6 ft
72"	1/2"	4	249.7 ft
	3/4"	4	269.7 ft

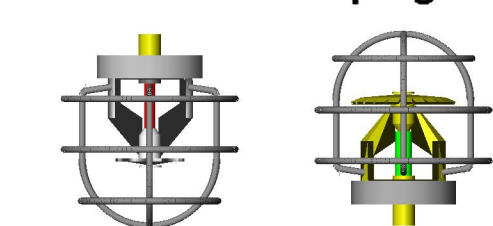
***The above chart reflects brooded-hose data. For unbanded data, refer to the full costing.



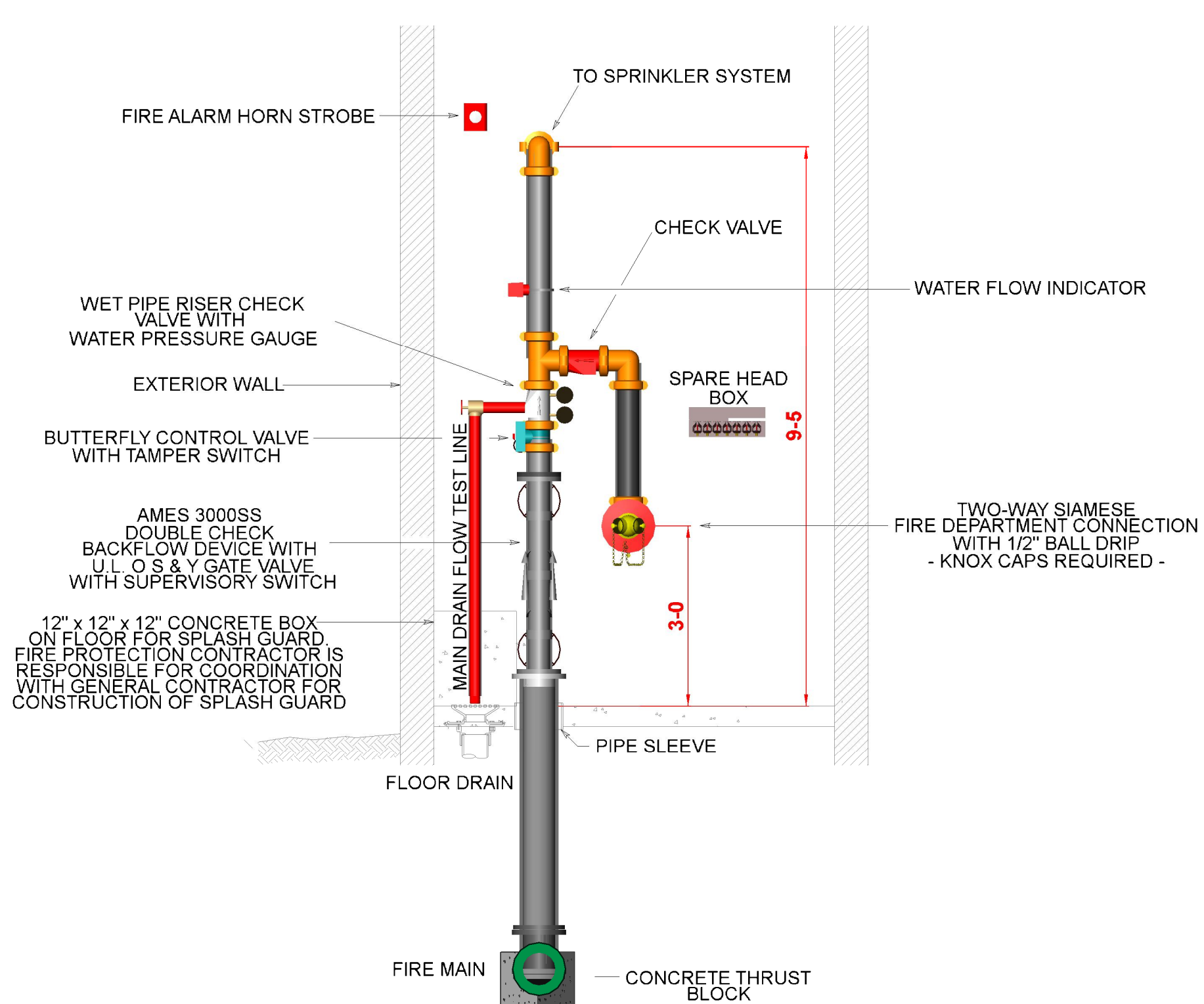
SECTION A-A



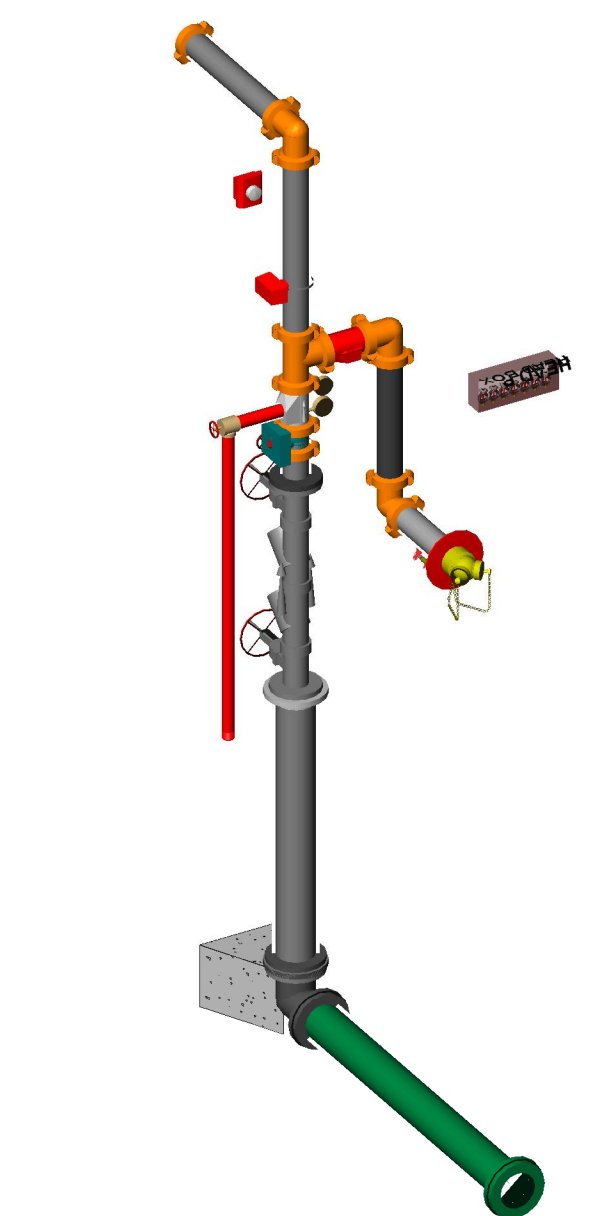
SECTION J



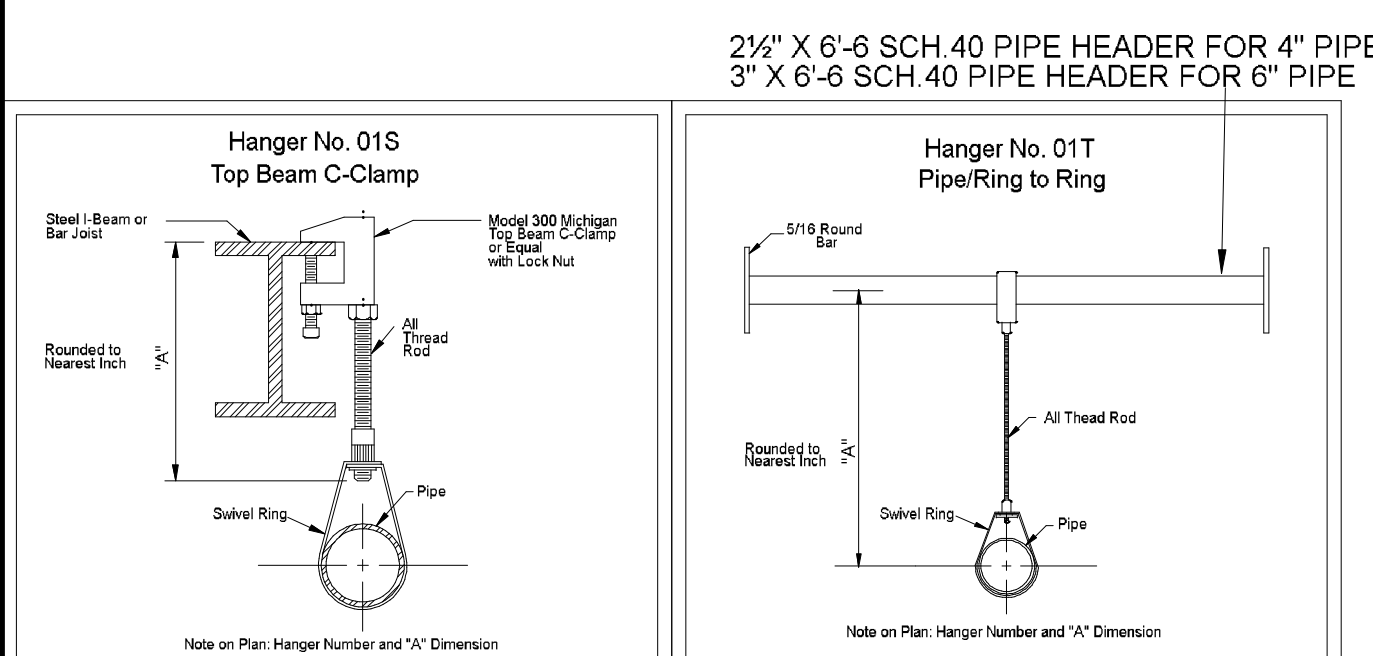
Model D-1
Head Guard Detail



FIRE PROTECTION SYSTEM RISER DETAIL (TYP BOTH RISERS)
SCALE: NONE



RISER DETAIL (ISO)
SCALE: NONE



I have reviewed these plans and certify that they comply with the adopted NFPA standard:

RME-Signature: _____

Printed RME Name: _____

RME - _____ Date: _____

☐ AS-BUILTS ☐ SUBMITTAL ☐ OTHER

Sprinkler Legend										
Symbol	Manufacturer	SIN/Model	Quantity	K-Factor	Type	Response	Orifice	Finish	Temperature	Notes

[illegible]