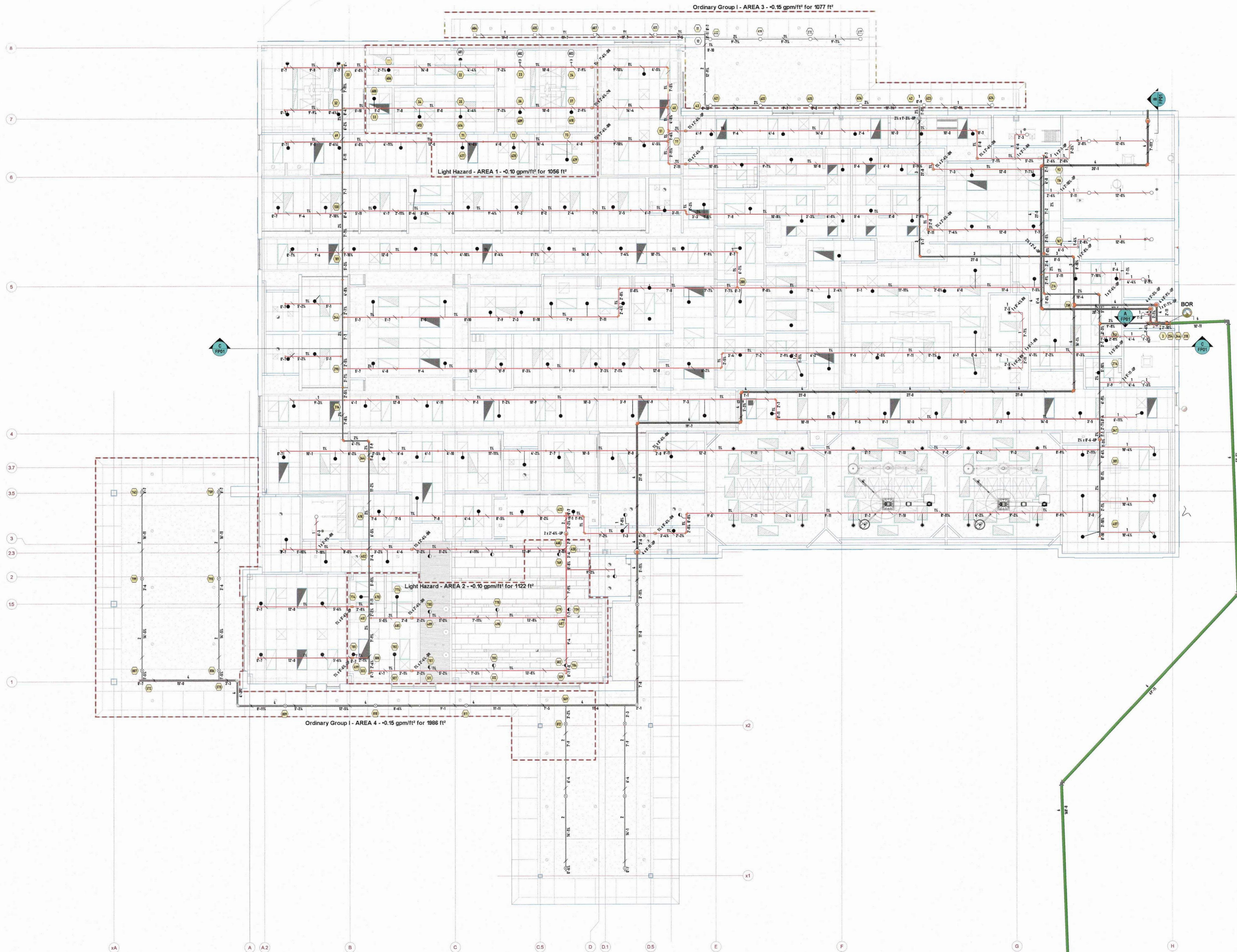
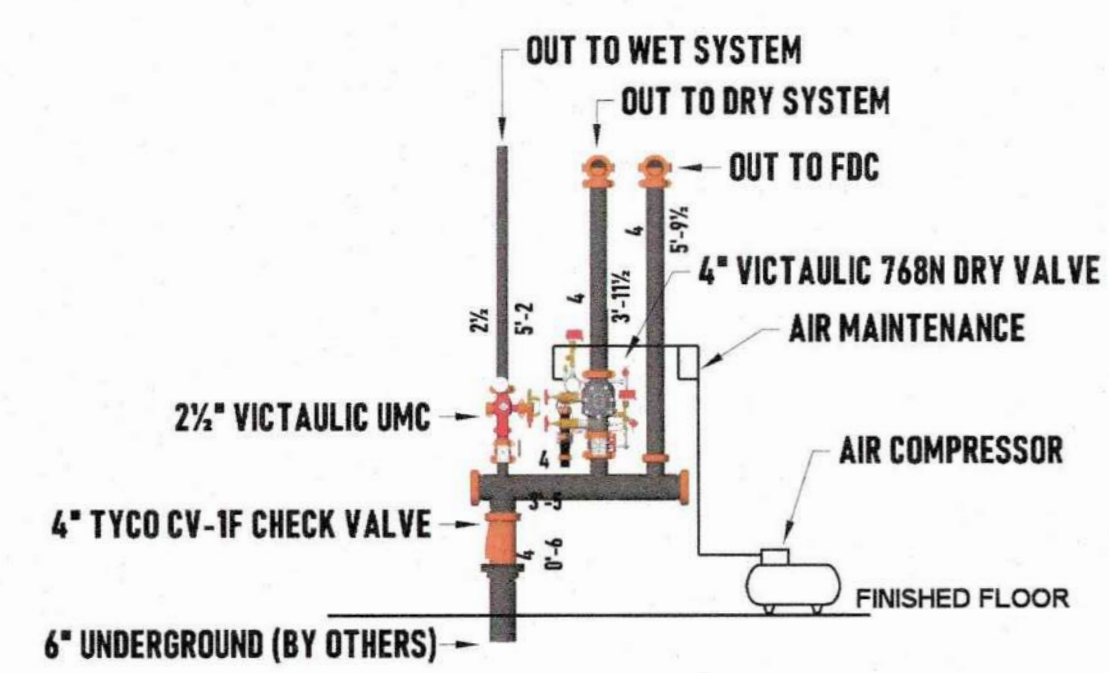


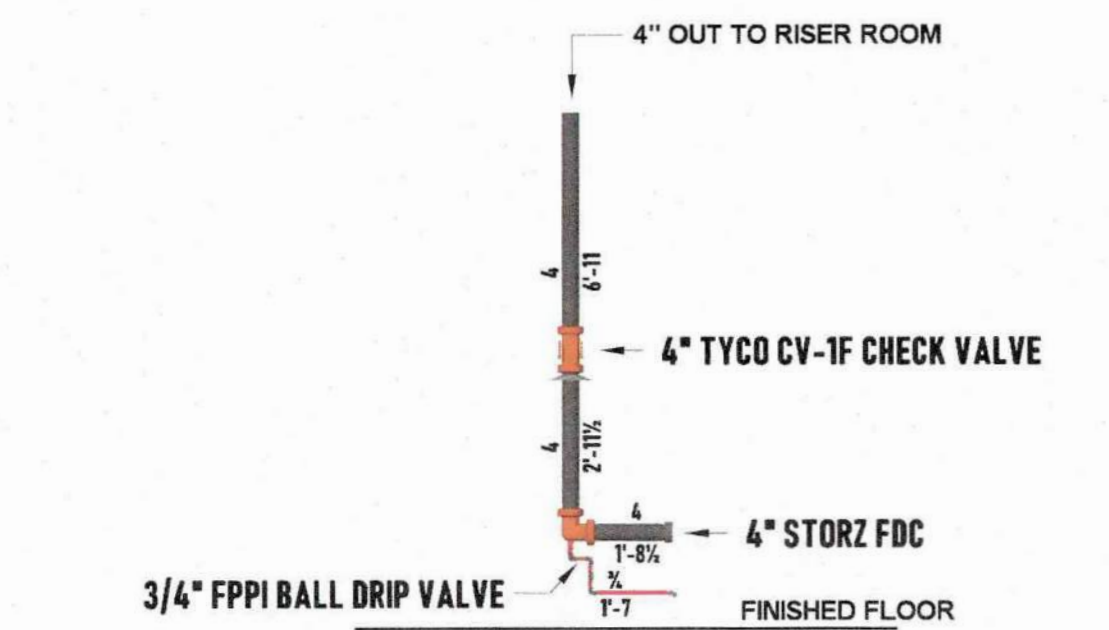


GENERAL NOTES:

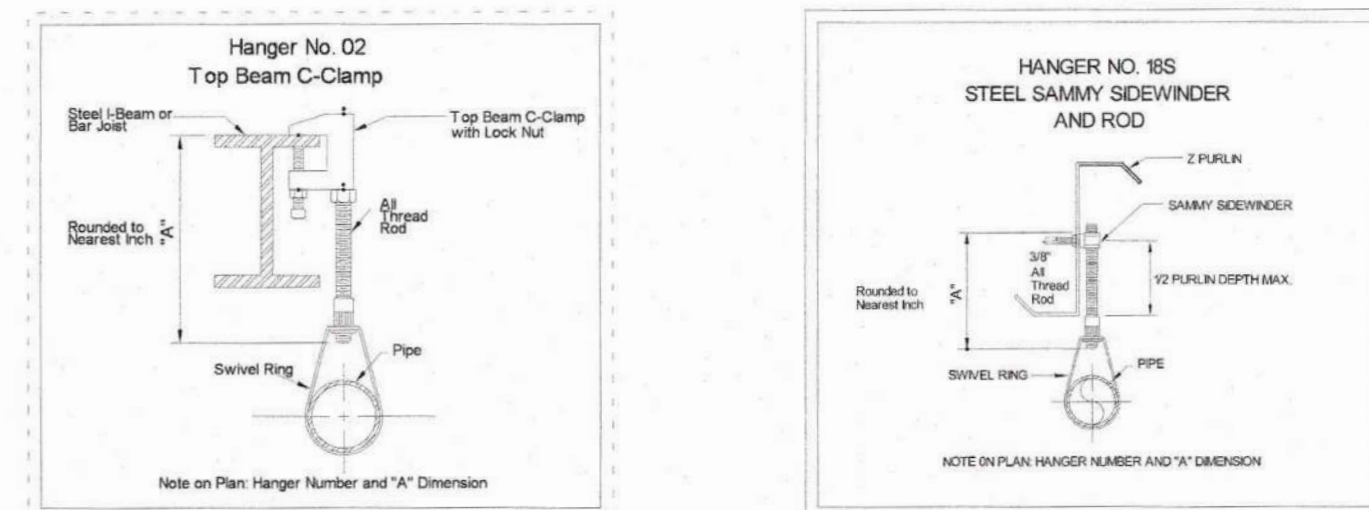
- THE SYSTEMS SHALL CONFORM WITH THE REQUIREMENTS OF NFPA 13, 2016.
- ALL THREADED PIPING / PIPING 2" & SMALLER SHALL BE SCHEDULE 40, BLACK/GALV. STEEL. ALL GROOVED PIPING 2 1/2" AND LARGER SHALL BE SCHEDULE 40, BLACK/GALV. STEEL.
- FITTINGS FOR 1" THRU 1 1/2" SHALL BE DUTILE IRON THREADED OR ARE TO BE GROOVED WITH STANDARD TAKE-OUTS OR WELDED OUTLETS AS INDICATED ON THE DRAWING. FITTINGS FOR 2" AND LARGER ARE TO BE GROOVED WITH FIRELOCK TAKE-OUTS OR WELDED OUTLETS AS INDICATED ON THE DRAWING. ALL WELDS ARE TO BE SHOP WELDED.
- PIPE LENGTHS ON DRAWING ARE SHOWN AS CUT LENGTH DIMENSIONS.
- ALL SECTIONS OF TRAPPED PIPING SHALL HAVE AUXILIARY DRAINS WHERE REQUIRED, PER NFPA 13.
- ALL HANGERS ARE TO BE IN CONFORMANCE WITH NFPA 13.
- PENETRATIONS THRU FIRE WALLS SHALL BE FIRE CAULKED AS REQUIRED.
- THE OWNER SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE HEAT TO PREVENT THE WATER IN THE PIPING FROM FREEZING.
- AMERICAN FIRE SPRINKLER CORP. IS NOT CONTRACTED TO PROVIDE THE ALARM WIRING OR THE CENTRAL STATION ALARM SYSTEM.
- ALL DRY SYSTEM PIPING SHALL BE SLOPED PER NFPA 13.



A RISER DETAIL
SCALE: 1/4" = 1'-0"



B FDC DETAIL
SCALE: 1/4" = 1'-0"

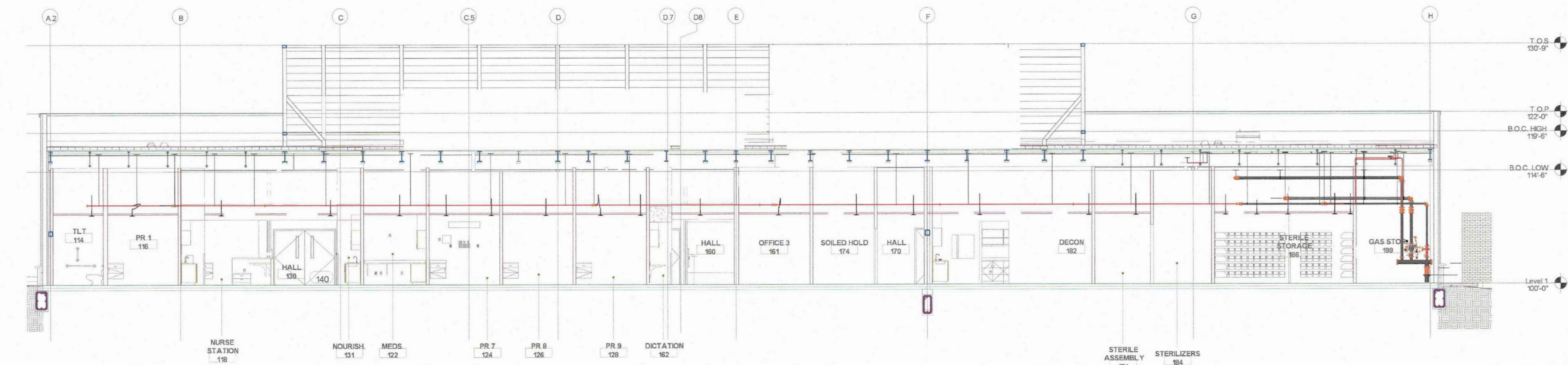


MAXIMUM DISTANCE BETWEEN HANGERS									
NOMINAL PIPE SIZE (in)	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"
STEEL PIPE EXCEPT THREADED LIGHTWALL	N/A	12'-0"	12'-0"	15'-0"	15'-0"	15'-0"	15'-0"	15'-0"	15'-0"

Sprinkler Legend									
Symbol	Quantity	Manufacturer	SIN	K-Factor	Type	Size	Finish	Temperature	Note
●	169	Viking	VK3021	5.6	Pendent	1/2"	Chrome	200 °F	
●	12	Viking	VK4621	5.6	Pendent	3/4"	Chrome	200 °F	
●	26	Viking	VK3001	5.6	Upright	1/2"	Brass	200 °F	W/ SEALING CVR PLT
●	2	Viking	VK3001	5.6	Upright	1/2"	Brass	200 °F	DN SPRIG
⊗	17	Tyco	TY5137	11.2	Upright	1/2"	Brass	200 °F	
Total = 218									

Supply Flow Test Data									
Test Conducted By: City of Lee's Summit									
Date of Test: 10/18/2023									
Time of Test: 11:20AM									
Location: 1950 SE Shenandoah Drive									
Static Pressure: 80.000									
Residual Pressure: 72.000									
Flow: 2275.00									

LOCATION PLAN



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

Revisions		
Symbol	Description	Date
○	Hydraulic Reference Points	11/11/2011
○	Below Top of Steel	
○	Below Top of Floor	
○	Below Top of Ceiling	
○	Below Top of Wall	
○	Below Top of Roof	
○	Below Top of Foundation	
○	Below Top of Basement	
○	Below Top of Ground	
○	Below Top of Slope	
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