

11 10 9.8 9 8 7.4 7.3 7.2 7 6.9

4TH LEVEL  
ROOF BELOW

ROOF LEVEL HOSE VALVE AND WALL MOUNTED PIV W/ TAMPER

3RD LEVEL  
ROOF BELOW

REFER TO STANDPIPE PLANS

REFER TO STANDPIPE PLANS

Hydraulic Information	
OCCUPANCY CLASSIFICATION	Ordinary Group I
DENSITY	0.150gpm/ft <sup>2</sup> for 1950.00R <sup>1</sup> (Actual 2031.77R <sup>2</sup> )
TOTAL HOSE STREAMS	250.00
TOTAL HEADS FLOWING	23
K-FACTOR	5.6
TOTAL WATER REQUIRED	777.27
TOTAL PRESSURE REQUIRED	51.098
BASE OF RISER (psig)	777.27
BASE OF RISER (psf)	51.098
SAFETY MARGIN (psf)	+5.614 (9.9%)

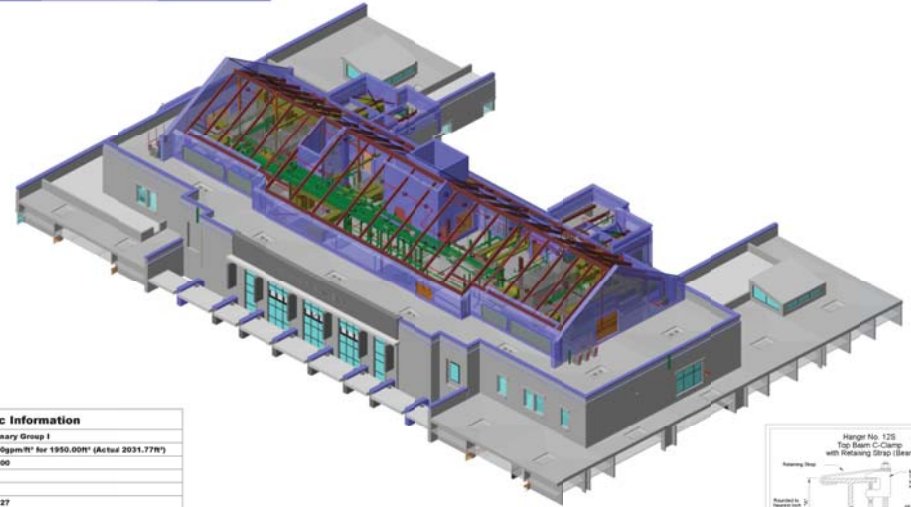
Ordinary Group I-0.150gpm/ft<sup>2</sup> for 1950.00R<sup>1</sup>

3RD LEVEL  
ROOF BELOW

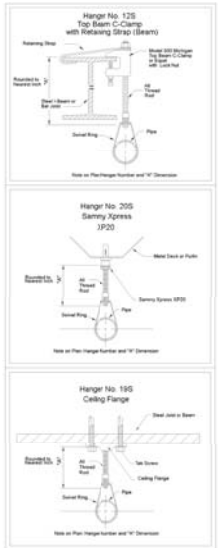
4TH LEVEL  
ROOF BELOW

4TH LEVEL ROOF HOSE VALVE AND WALL MOUNTED PIV W/ TAMPER  
MOST REMOTE HOSE-VALVE LOCATION ( REFER TO STANDPIPE PLAN)

3rd LEVEL ROOF HOSE VALVE AND WALL MOUNTED PIV W/ TAMPER  
SHOWN FOR CLARITY - REFER TO STANDPIPE PLANS AND 4TH FLOOR PLAN



PENTHOUSE SW ISO VIEW  
NTS - REFERENCE ONLY



CONSTRUCTION NOTE:  
STEEL DECK WITH STEEL I BEAMS

## FIRE SPRINKLER PIPING PLAN - PENTHOUSE

2 1/2" x 1/2"  
SCALE: 1/8" = 1'-0"



Standard Symbols
Flow Indicator
Key Standard Valve
Public Riser
Fire Dept. Connection
O.S. & G. Valve
Check Valve
New Connection
Existing Connection

Standard Symbols
Alarm Check Valve
Check Block
Backflow Preventer

Standard Sprinkler Symbols
Upright on 1" Size
Pendant on 1" Size
Upright on 1" Size
Pendant on 1" Size
Upright on 1" Size
Pendant on 1" Size
Upright on 1" Size
Pendant on 1" Size

1. SYMBOLS AND NOTATION FOR PIPING SHALL BE AS SHOWN ON THIS PLAN.  
2. ALL PIPING SHALL BE 1" NPS STEEL UNLESS OTHERWISE NOTED.  
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General System Notes
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Sprinkler Legend
1" NPS Steel
1/2" NPS Steel
3/4" NPS Steel
1" NPS Steel
1/2" NPS Steel
3/4" NPS Steel
1" NPS Steel
1/2" NPS Steel
3/4" NPS Steel
1" NPS Steel

Sprinkler System Key
Standard Sprinkler
Standard Sprinkler
Standard Sprinkler
Standard Sprinkler
Standard Sprinkler
Standard Sprinkler
Standard Sprinkler
Standard Sprinkler
Standard Sprinkler
Standard Sprinkler

NOTICE
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BSU COBE
University and Capitol Blvd Boise, ID
FP9
Number of Sheets: DP 1