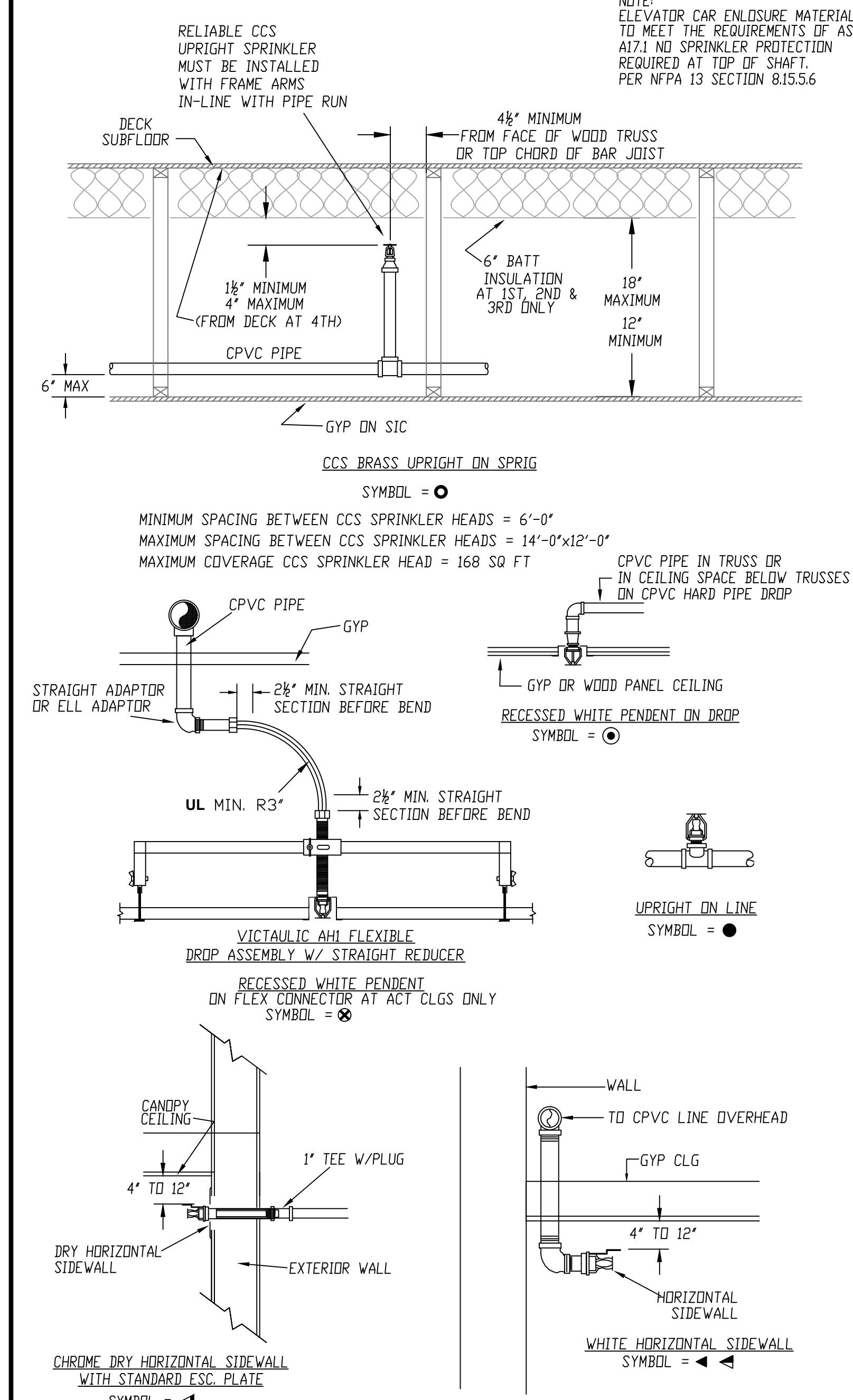


**FOURTH FLOOR COMBUSTIBLE CONCEALED SPACE SPRINKLERS HYDRAULICALLY MOST REMOTE AREA**  
(1 GPM/SQ.FT./1110 SQ.FT.)  
(ELEVATION HIGHEST SPRINKLER = 64'-6")

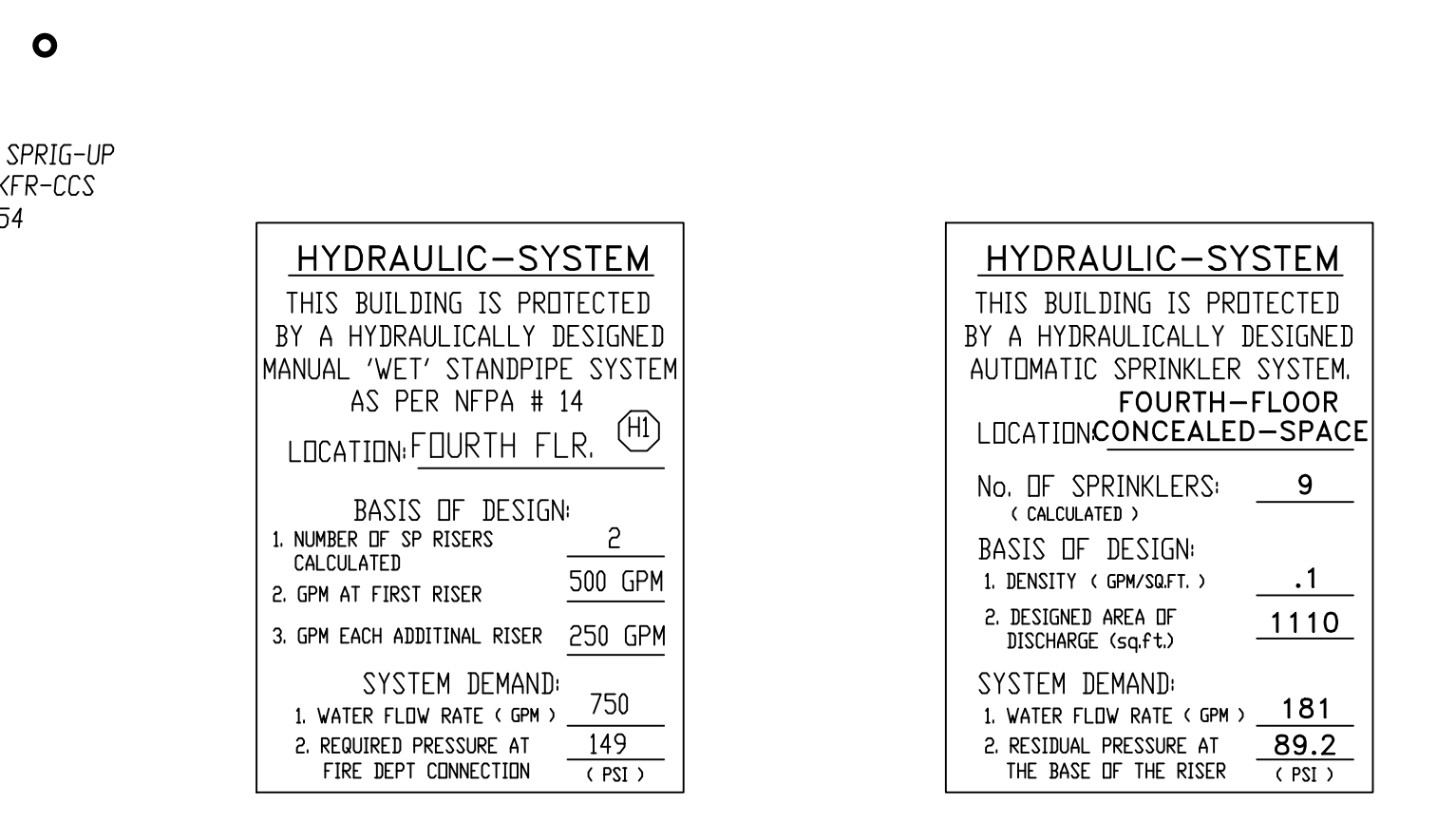
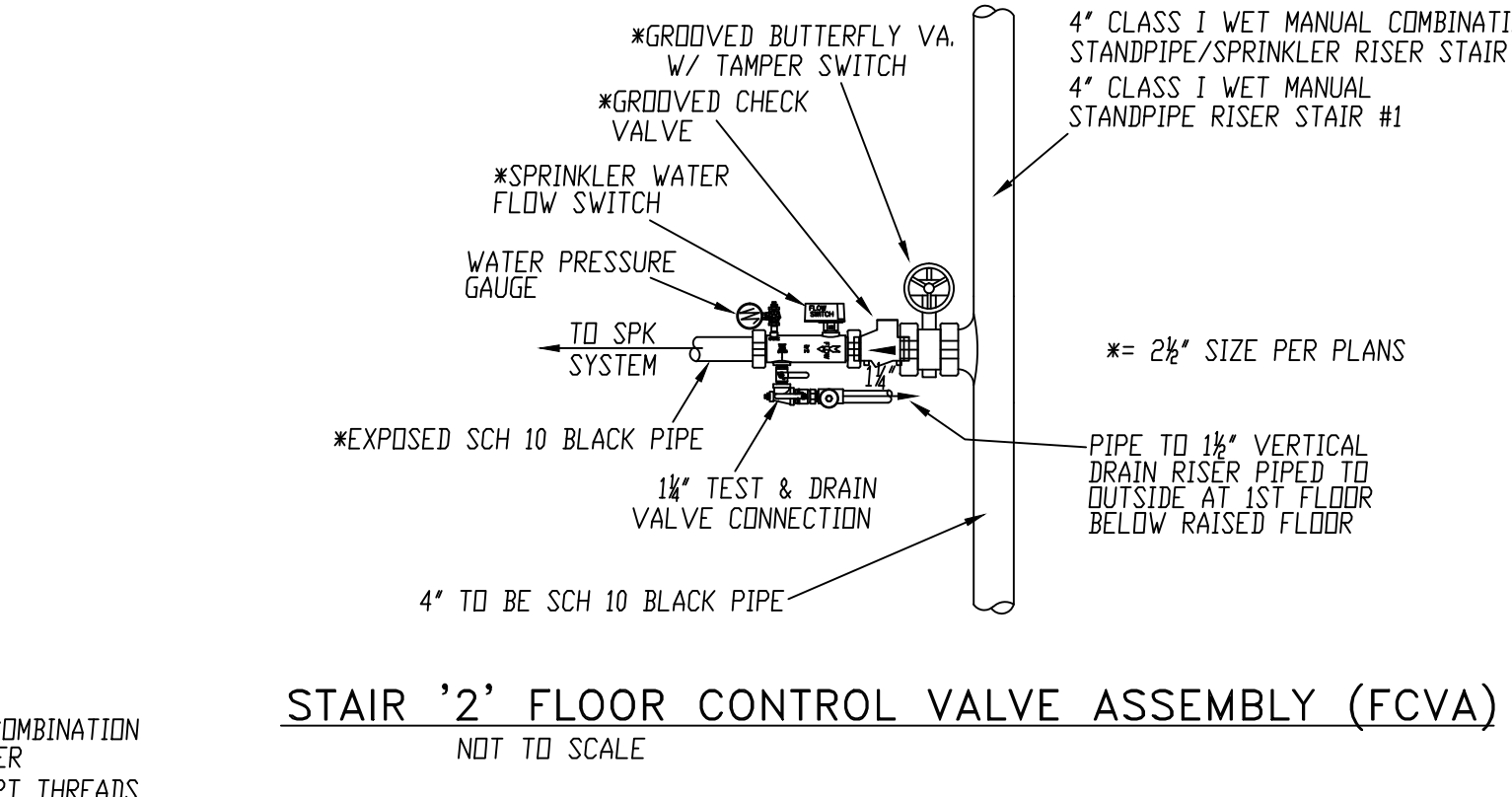
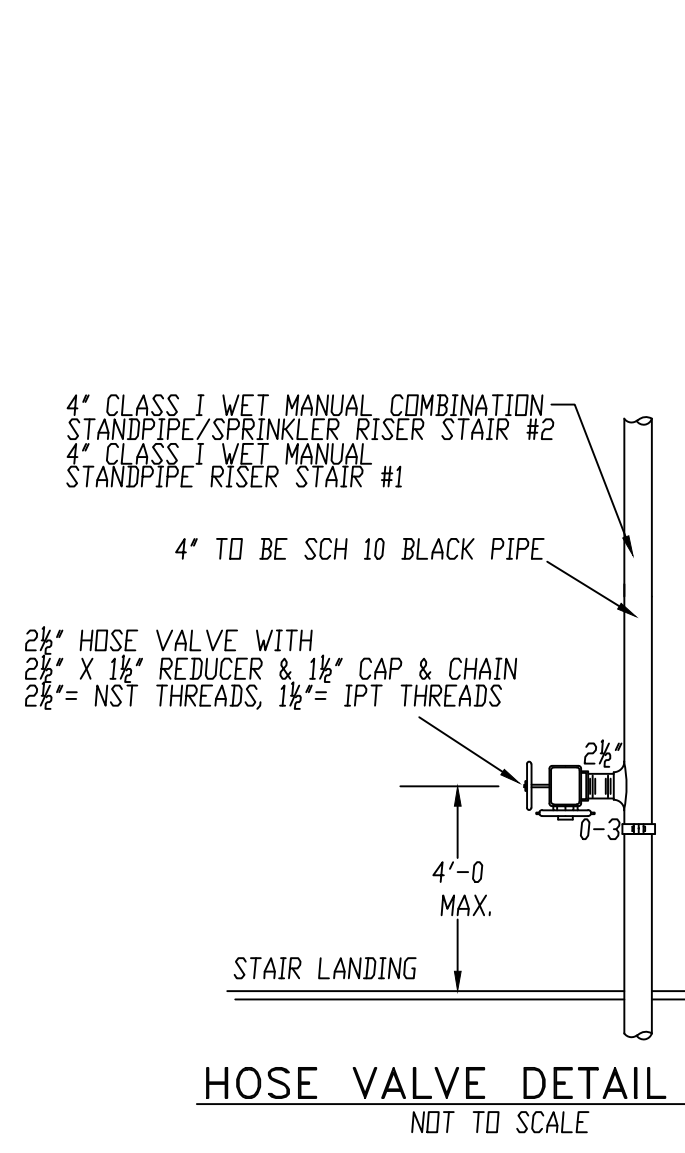
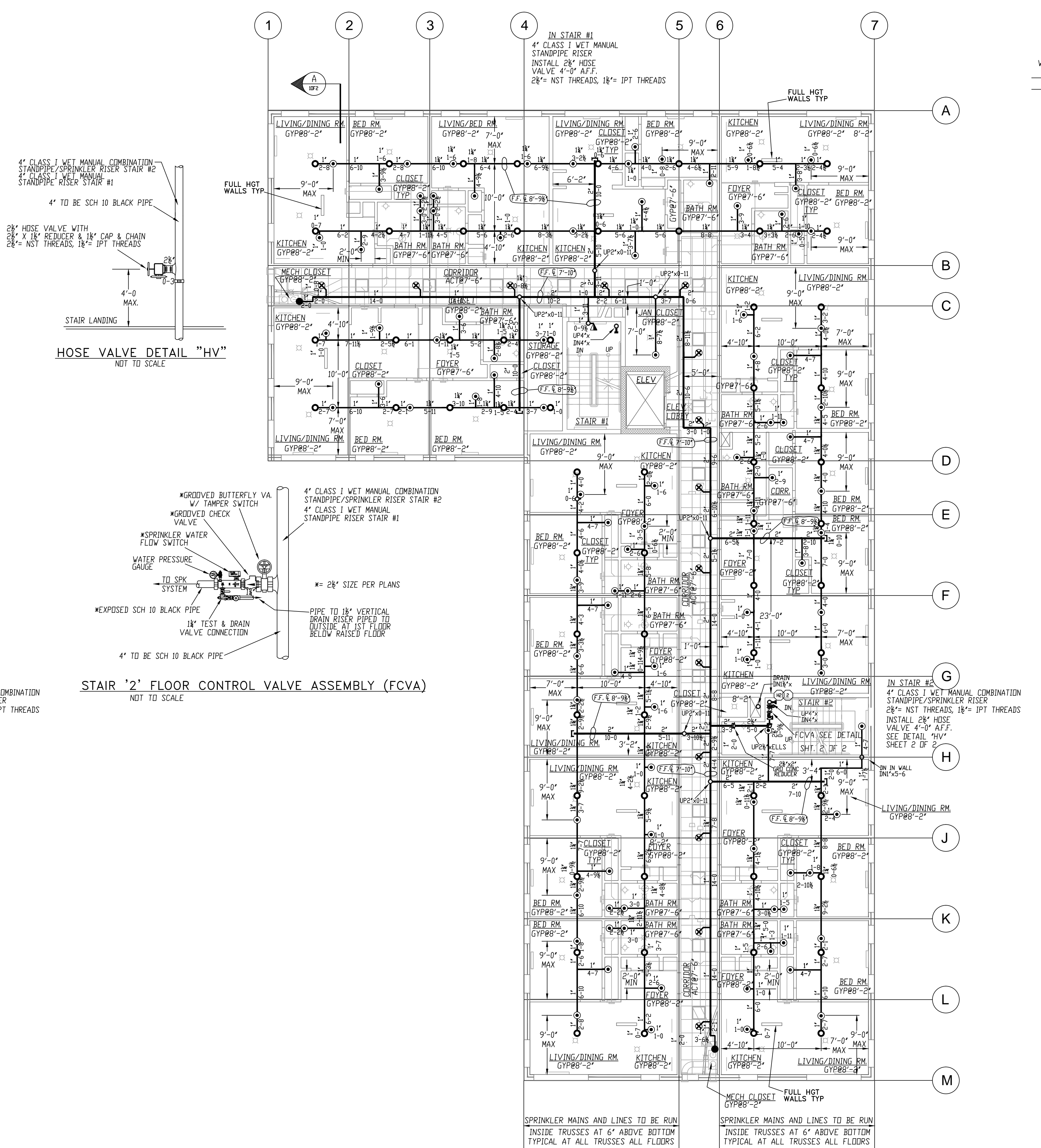
**FOURTH FLOOR 2BR APARTMENT PROOF CALCULATION**  
(.1 GPM/SQ.FT. OVER LARGEST RM  
(ELEVATION HIGHEST SPRINKLER = 63'-3")  
REMOTE AREA PER NFPA 13 SECTION 11.2.3.3  
(GRID DESIGN METHOD)



**VICTAULIC AHI BRAIDED FLEXIBLE HOSE ASSEMBLY**

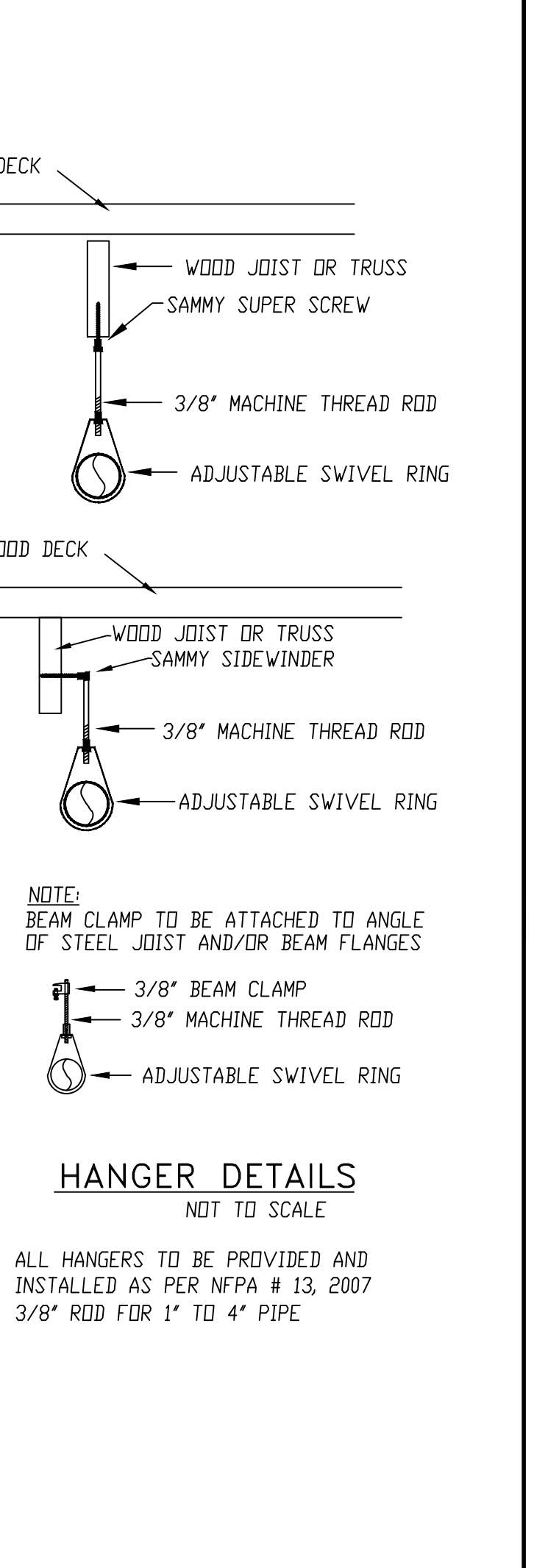
LENGTH OF FLEXIBLE HOSE INCHES	OUTLET SIZE INCHES	EQUIVALENT LENGTH OF 1" SCH'D 40 PIPE WHERE C=120 FEET	MAXIMUM NUMBER OF BENDS
31'	3/4"	52	3
48'	3/4"	78	4
60'	3/4"	88	4
72'	3/4"	90	4
72'	3/4"	118	5

**FRICITION LOSS DATA FOR VICFLEX HOSE PER UL2443 LISTING**



**HYDRAULIC DATA NAMEPLATE**  
TO BE MOUNTED AT SYSTEM RISER

**HYDRAULIC DATA NAMEPLATE**  
TO BE MOUNTED AT SYSTEM RISER



**GENERAL NOTES**

ALL MAIN PIPING (2 1/2"-4") TO BE SCHEDULE # 10 BLACK WITH GROOVED ENDS & WELDED OUTLETS JOINED BY MECHANICAL COUPLINGS

ALL SPRINKLER MAIN & LINE PIPING (1"-2") AT ALL FLOORS TO BE CPVC PLASTIC PIPE (C=150) JOINED W/ SOLVENT CEMENTED CPVC FITTINGS

ENTIRE SPRINKLER SYSTEM INSTALLATION TO COMPLY WITH NFPA PAMPHLET # 13, 2007 EDITION

OWNER TO PROVIDE SUFFICIENT HEAT THROUGHOUT BUILDING TO PREVENT FREEZING OF WATER FILLED SPRINKLER PIPING AND EQUIPMENT. (40° F)

ALL DIMENSIONS ARE SHOWN FOR GENERAL LOCATION OF SPRINKLER HEADS; PIPING MAY VARY TO SUIT ACTUAL FIELD CONDITIONS.

◊ = INDICATES HYDRAULIC REFERENCE POINTS.

ALL WIRING TO BE DONE BY OTHERS

DN INDICATES VERTICAL PIPE DOWN

UP INDICATES VERTICAL PIPE UP

**REQUIRED APPROVALS**

OWNER / ARCHITECT  
STATE FIRE MARSHAL  
PORTLAND FIRE DEPARTMENT

DRAWN BY: JWD  
NICET LEVEL III CERT.# 116803

CHECKED BY: WAF  
NICET LEVEL III CERT.# 095574

CONTRACTOR LICENSE # 101  
CONTRACTOR RMS # 368

**PROJECT:**

**BAYSIDE ANCHOR**  
81 EAST OXFORD STREET  
PORTLAND, MAINE 04101

**FIRE SPRINKLER CONTRACTOR:**

**EASTERN FIRE PROTECTION**  
AUBURN/LEWISTON INDUSTRIAL AIRPARK, AUBURN, MAINE 04210

**CONTRACT WITH:**

**WRIGHT RYAN CONSTRUCTION, INC.**

DWG. NO. 2 OF 2  
JOB NUMBER AU-5444-16

FIRE SPRINKLER PLANS AND DETAILS  
SCALE AS NOTED  
DATE 05/02/16

NOTE: ALL PIPE CUTS SHOWN ARE FROM CENTER TO CENTER OF FITTINGS