

- LEGEND:
- RISE PIPE RISER UP
 - DN PIPE RISER DOWN
 - STEEL PIPE (NEW)
 - - - STEEL PIPE (EXISTING)
 - ▲ WET SYSTEM RISER
 - HYDRAULIC CALC. POINT
 - [x-x] PIPE ELEVATION A.F.F.

DESIGN NOTES:

*ALL PIPING 1 1/2" AND LARGER TO BE SCHEDULE 10 STEEL W/ GROOVED FITTING. *ALL PIPING 1 1/4" AND SMALLER TO BE SCHEDULE 40 STEEL WITH THREADED OR GROOVED FITTING.

*POSITION, LOCATION, SPACING, AND USE OF SPRINKLERS AND HANGERS SHALL BE IN ACCORDANCE WITH NFPA 13 2016 ed.

*HYDRAULIC CALCULATION PROCEDURES HAVE BEEN DONE IN ACCORDANCE WITH NFPA 13 2016 ed. (SEE PLANS FOR LOCATION OF REMOTE AREAS, HYDRAULIC REFERENCE POINTS, AND SYSTEM DEMANDS)

*ALL ELECTRICAL WORK TO BE DONE BY OTHERS.

*DIMENSIONS AND LOCATIONS GIVEN FOR SPRINKLER HEADS AND PIPE MAY VARY TO ACCOMMODATE ACTUAL FIELD CONDITIONS. *OWNER TO PROVIDE SUFFICIENT HEAT TO PREVENT FREEZING IN WATER FILLED SPRINKLER PIPE AND EQUIPMENT.

*OTHER TRADES TO COORDINATE THEIR WORK WITH SPRINKLER CONTRACTOR.

*ALL NEWLY INSTALLED SPRINKLER HEADS ARE TO BE QUICK RESPONSE U.N.O.

*OWNER IS RESPONSIBLE FOR MAINTAINING THE SPRINKLER SYSTEMS IN ACCORDANCE WITH THE CURRENT EDITION OF NFPA 25.

*INSPECTIONS TESTING AND MAINTENANCE OF WATER BASED FIRE PROTECTION SYSTEMS AND/OR ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, CODES AND ORDINANCES.

- GLOBE*
MODEL GL5615
17 / 155°
K=5.6
1/2" BRASS UPRIGHT
(200 SQ. FT. SPACING - LIGHT)
- GLOBE*
MODEL GL5615
2 / 200°
K=5.6
1/2" BRASS UPRIGHT
(130 SQ. FT. SPACING - ORD.)
- GLOBE*
MODEL GL5601
24 / 155°
K=5.6
1/2" SEMI RECESSED WHITE
PENDENT
(200 SQ. FT. SPACING - LIGHT)
- GLOBE*
MODEL GL5626
3 / 200°
K=5.6
1/2" BRASS
HORIZONTAL SIDEWALL
(196 SQ. FT. SPACING)
- EXISTING*
58 / 155°
K=5.6
1/2" BRASS UPRIGHT

* OR APPROVED EQUIV.

TOTAL HEADS ON SHEET: 104

SCALE: 3/16" = 1'-0"

DATE: NOVEMBER 30, 2016

DESIGNER: JEREMY A. FOSS
MAINE RMS #808
NICET LEVEL III CERT. #126801
CHECKED BY: E. POULIN (RMS# 515)
NICET LEVEL IV CERT. # 108534

LOCATION:
59 WASHINGTON AVE.
PORTLAND, ME

DRAWING TITLE:
**SPOTME
TENANT FIT-UP
(MAIN FLOOR)**
FIRE PROTECTION PLAN
(NFPA 13 2016 ed.)

DRAWING NO.:
FP-1.1

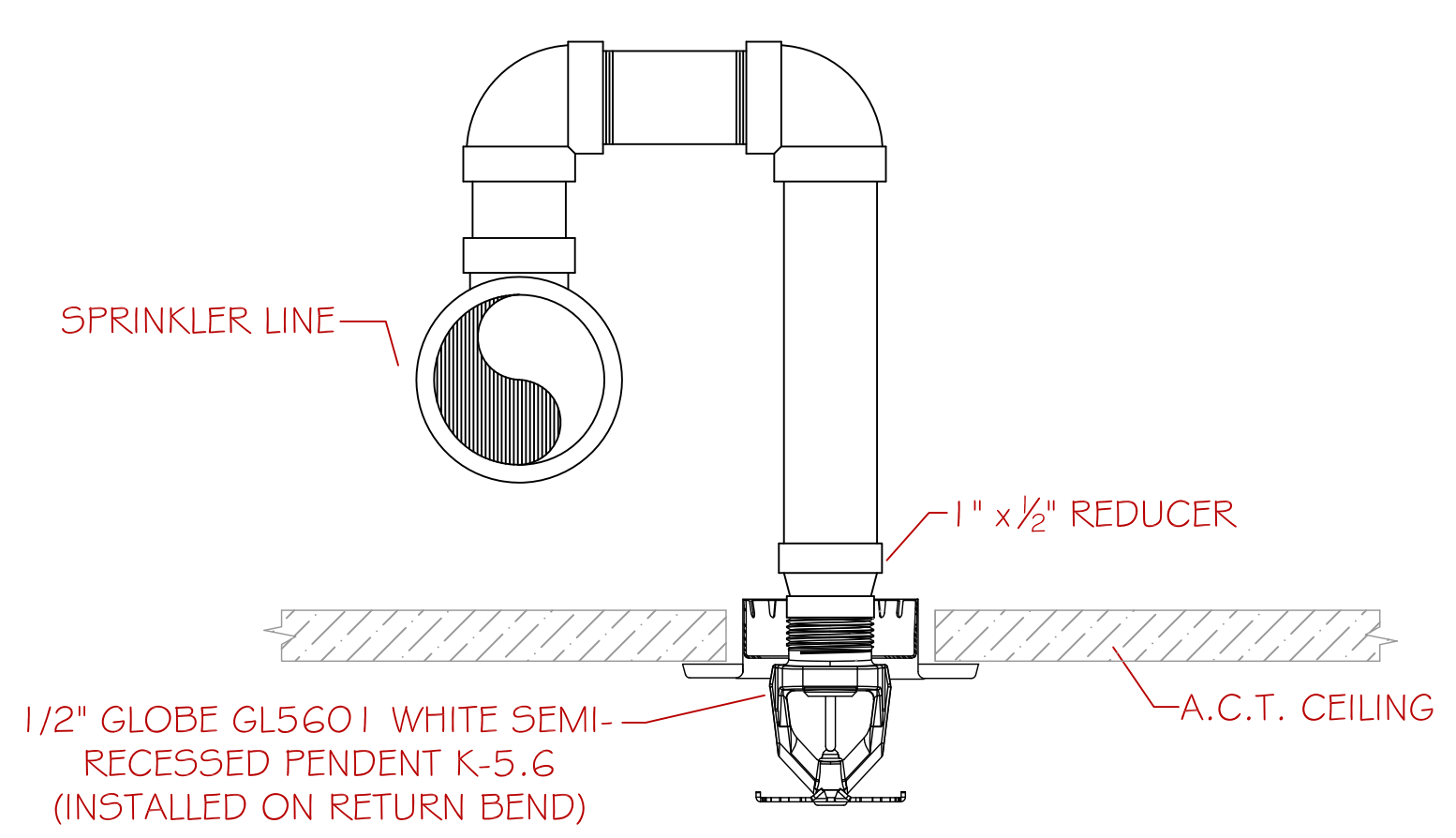
PROJECT DESCRIPTION

BUILDING CONST: THE BUILDING IS OF EXISTING CONSTRUCTION AND IS CONSTRUCTED WITH MASONRY AND WOOD FRAMING THROUGHOUT. SOLID WOOD JOISTS ARE USED THROUGHOUT THE BUILDING ALONG WITH WOOD INTERIOR WALL FRAMING. THE EXTERIOR OF THE BUILDING IS CONSTRUCTED WITH BRICK. THE ROOF IS FLAT AND IS FINISHED WITH A RUBBER MEMBRANE. INTERIOR WALLS ARE FINISHED WITH G.W.B. CEILING FINISHES INCLUDE G.W.B. AND A.C.T. AS INDICATED ON THE DRAWING.

BUILDING OCCUP: THE TENANT SPACE IS DESIGNED AS OFFICE SPACE FOR SPOTME.

SPRINKLER DESIGN: THE SPRINKLER SYSTEM IS AN EXISTING SYSTEM DESIGNED USING THE PIPE SCHEDULE METHOD. THE SCOPE OF WORK INVOLVES RENOVATING THE EXISTING PIPE SCHEDULE SYSTEM TO ACCOMMODATE THE NEW TENANT. THE EXISTING UPRIGHT SPRINKLER HEADS IN THE SPACE WILL BE REPLACED WITH NEW QUICK RESPONSE STYLE UPRIGHT HEADS.

HEAD SYMBOL: 

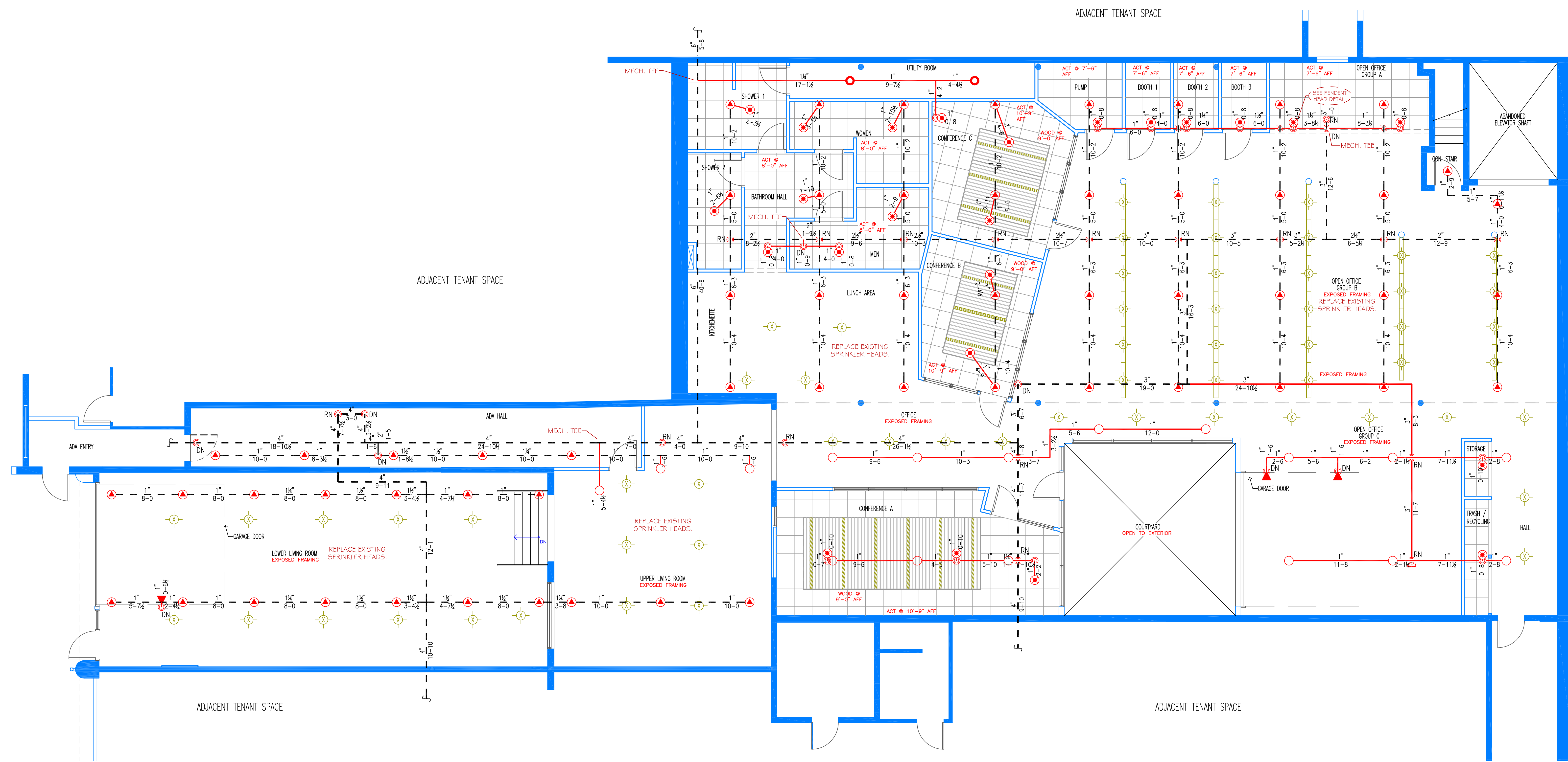


PENDENT HEAD DETAIL

SCALE: N.T.S.

Table 23.7.2.2.1 Light Hazard Pipe Schedules

Steel		Copper	
1 in. (25 mm)	2 sprinklers	1 in. (25 mm)	2 sprinklers
1 1/4 in. (32 mm)	3 sprinklers	1 1/4 in. (32 mm)	3 sprinklers
1 1/2 in. (40 mm)	5 sprinklers	1 1/2 in. (40 mm)	5 sprinklers
2 in. (50 mm)	10 sprinklers	2 in. (50 mm)	12 sprinklers
2 1/2 in. (65 mm)	30 sprinklers	2 1/2 in. (65 mm)	40 sprinklers
3 in. (80 mm)	60 sprinklers	3 in. (80 mm)	65 sprinklers
3 1/2 in. (90 mm)	100 sprinklers	3 1/2 in. (90 mm)	115 sprinklers
4 in. (100 mm)	See Section 8.2	4 in. (100 mm)	See Section 8.2



MAIN FLOOR PLAN

SCALE: 3/16" = 1'-0"