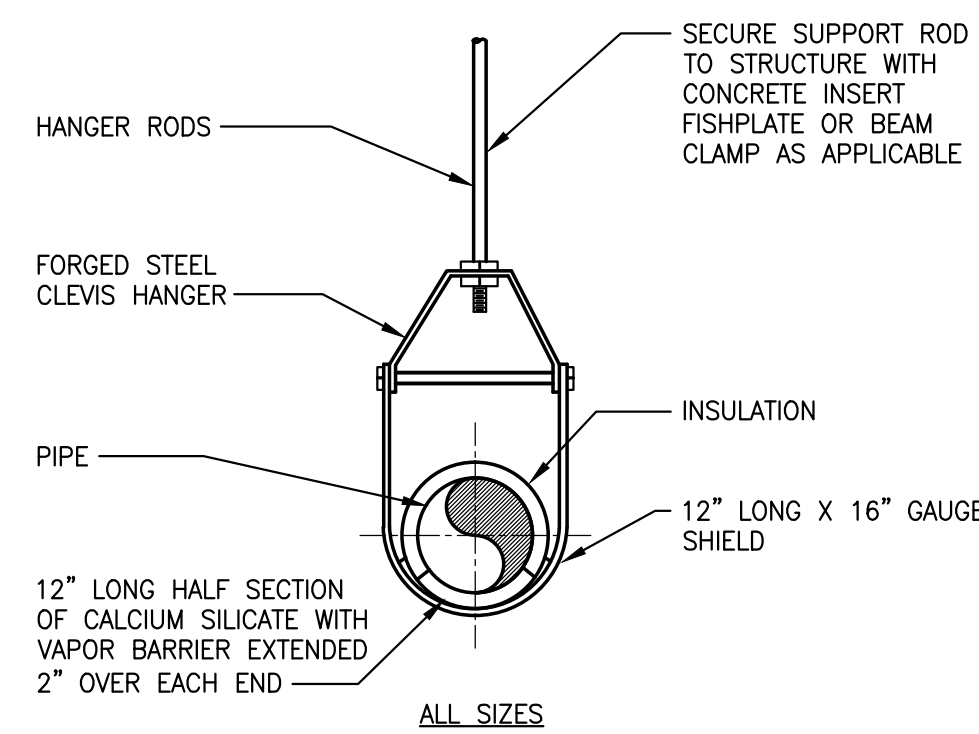
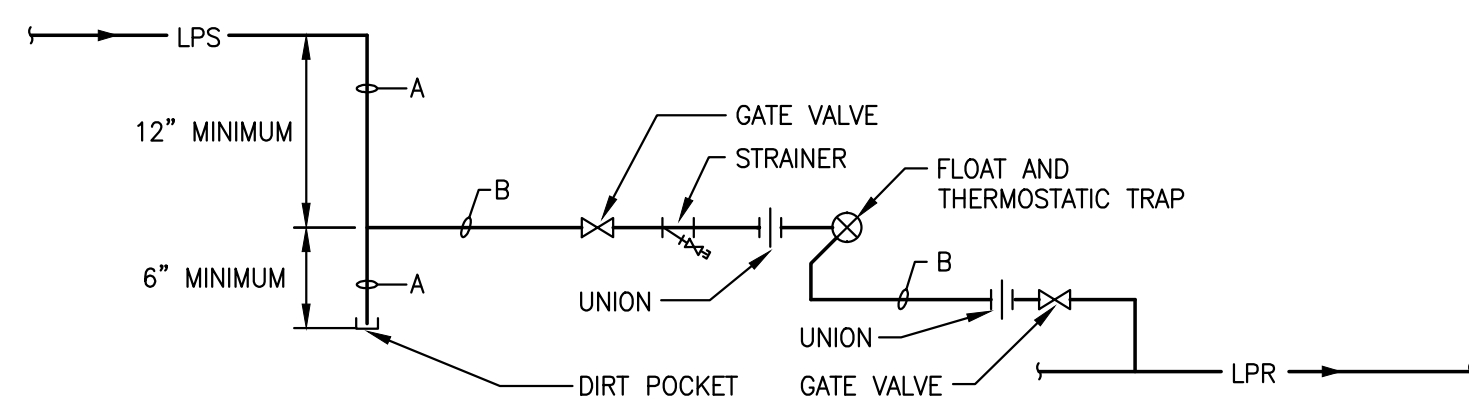


**RADIANT HEAT CEILING PANEL**



- NOTES:**
- WHERE STRUCTURAL SLAB DOES NOT PERMIT INSERTS, SUPPORT PIPING FROM STRUCTURE WITH AUXILIARY STEEL IF REQUIRED.

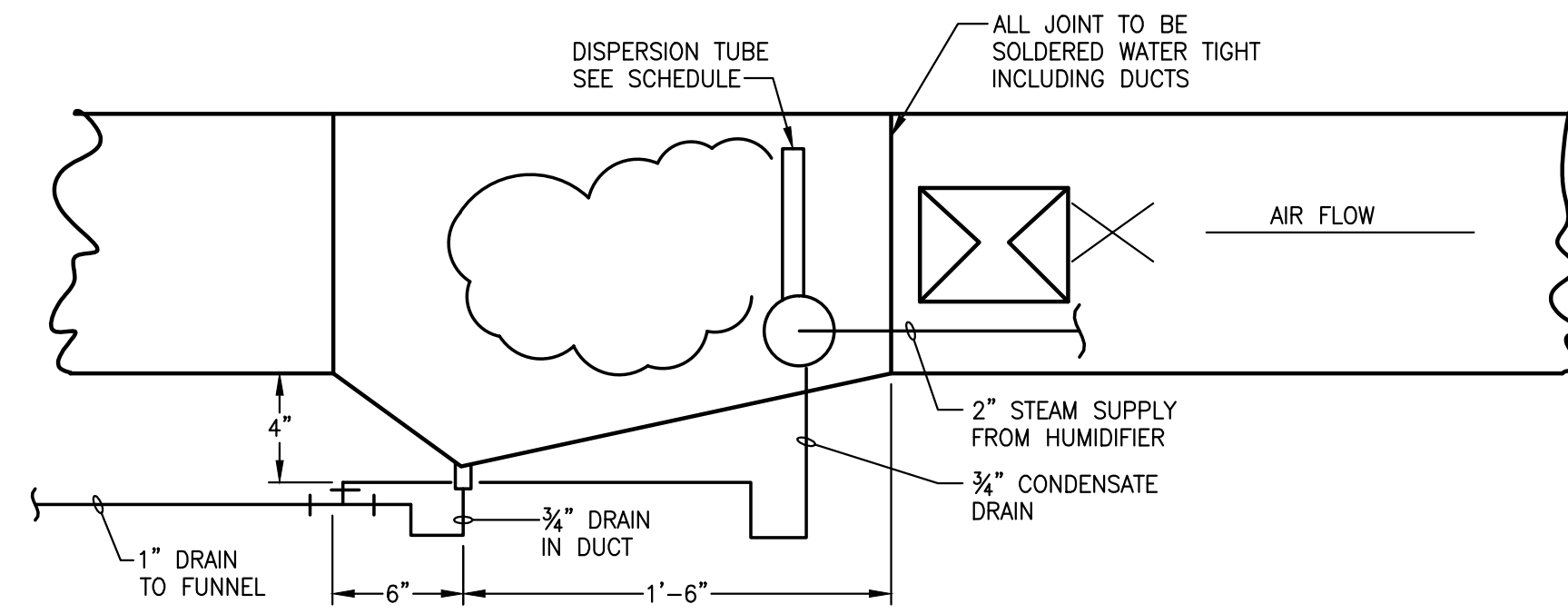
**WATER PIPING HANGER DETAIL**



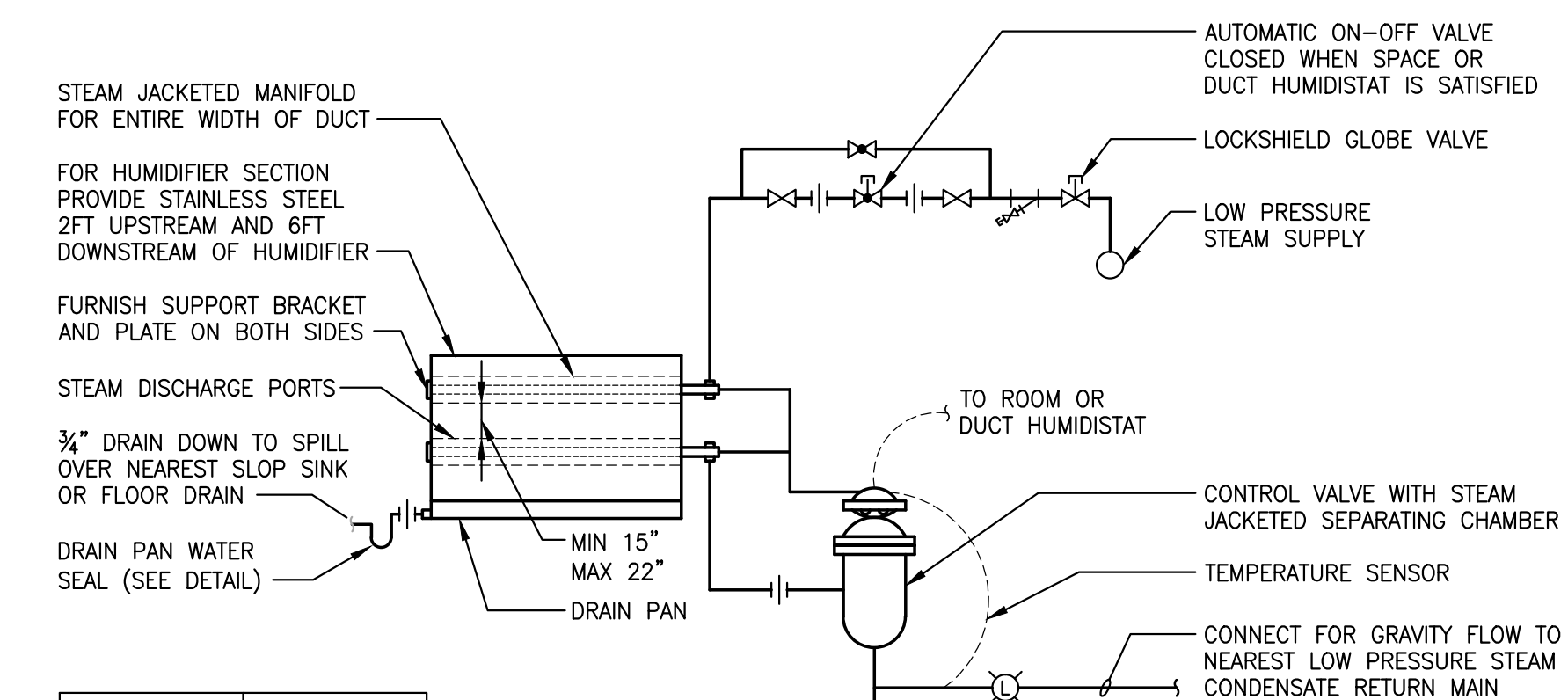
PIPE SIZES (IN)	
LPS	A
3/4"	3/4"
1" & 1 1/4"	1" & 1 1/4"
1 1/2" & 2"	1 1/2" & 2"
2 1/2" & 3"	2 1/2" & 3"
4" & 5"	4" & 5"
6" & 8"	6"
10" & 12"	8"
14" & 16"	8"

- NOTES:**
- PROVIDE THIS PIPING ARRANGEMENT WHERE (C) IS SHOWN ON THE DRAWINGS, AND FOR THE SPECIFIED 75 FT STEAM SUPPLY DRIP REQUIREMENT.
  - "B" DIMENSION FOR EQUIPMENT AND PRV DRIP ASSEMBLIES, PROVIDE PIPE AND TRAP SIZES AS PER THE MANUFACTURER'S RECOMMENDATIONS OR AS NOTED.
  - FOR DRIP ASSEMBLY AT EVERY 75 FT OF STEAM SUPPLY, THE "B" DIMENSION SHALL BE 3/4".

**LOW PRESSURE STEAM DRIP ASSEMBLY**



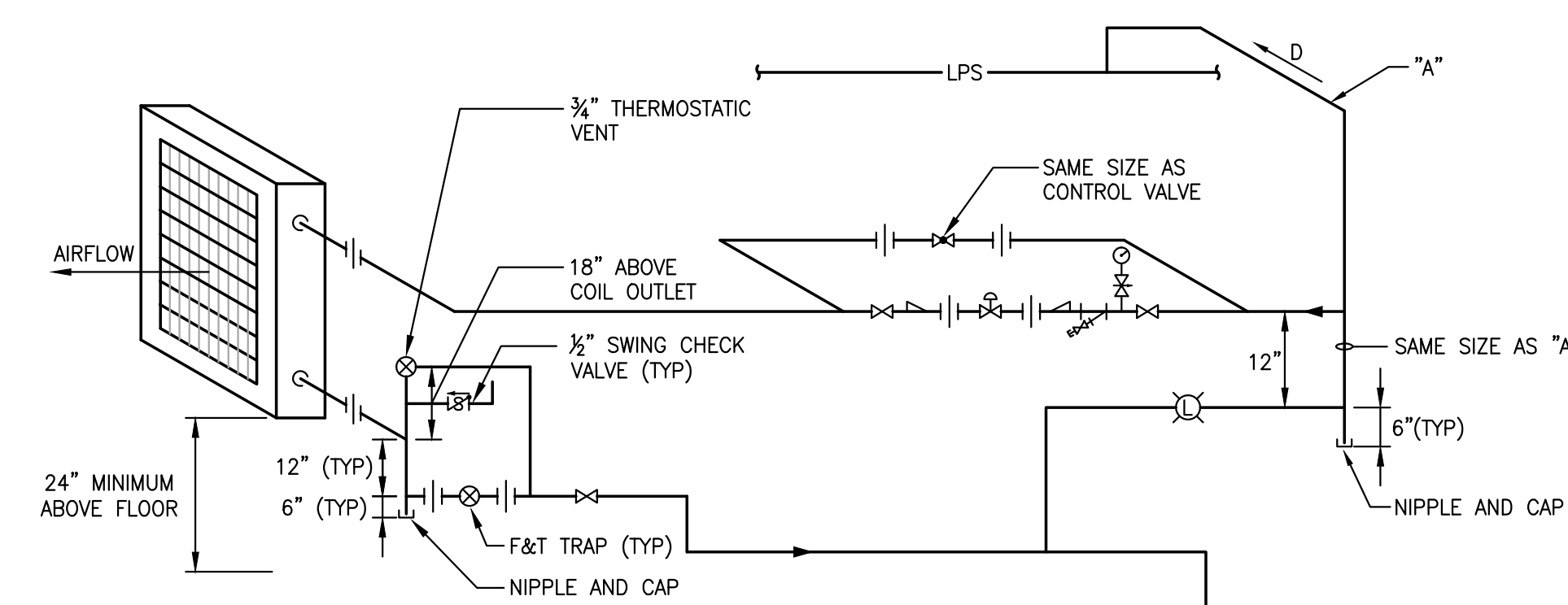
**HUMIDIFIER PIPING AT DUCT**



DUCT HEIGHT	NUMBER OF MANIFOLDS
36" OR LESS	1
37" TO 58"	2
59" TO 80"	3
81" TO 100"	4
OVER 100"	5

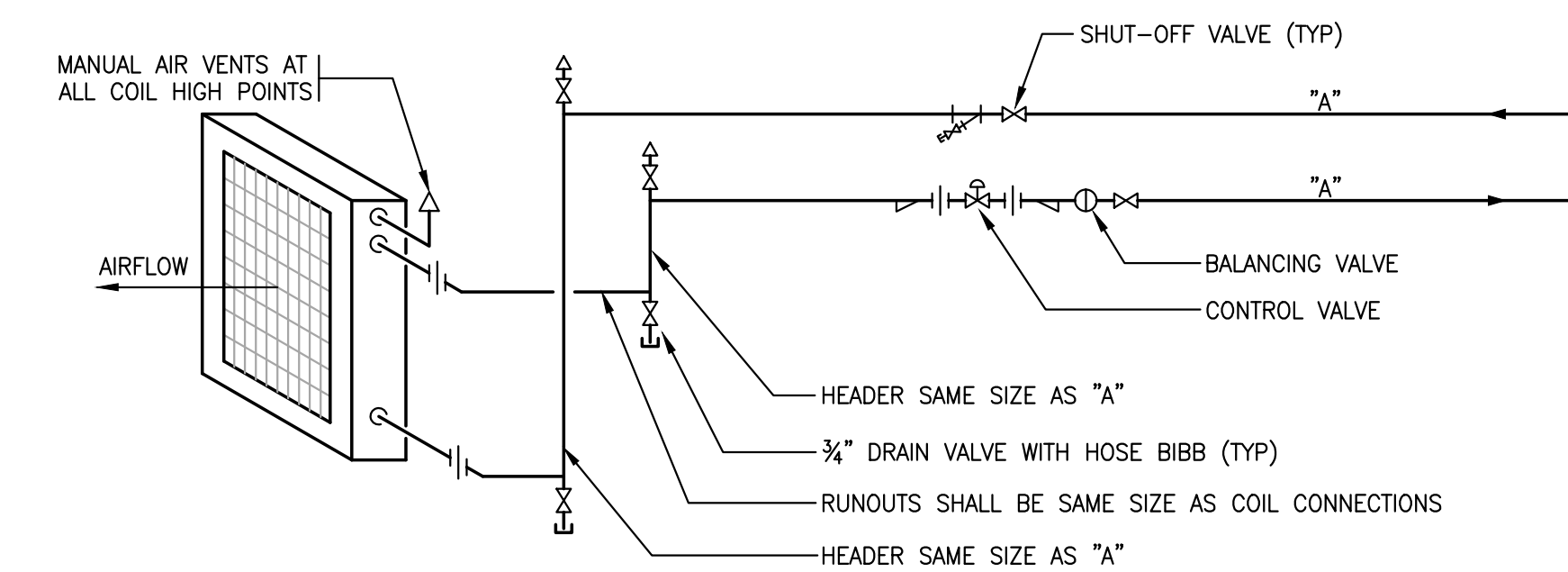
- NOTE:**
- PROVIDE INVERTED BUCKET/F&T TRAP AS PER MANUFACTURER'S RECOMMENDATIONS.

**PIPING CONNECTIONS FOR STEAM HUMIDIFIER**



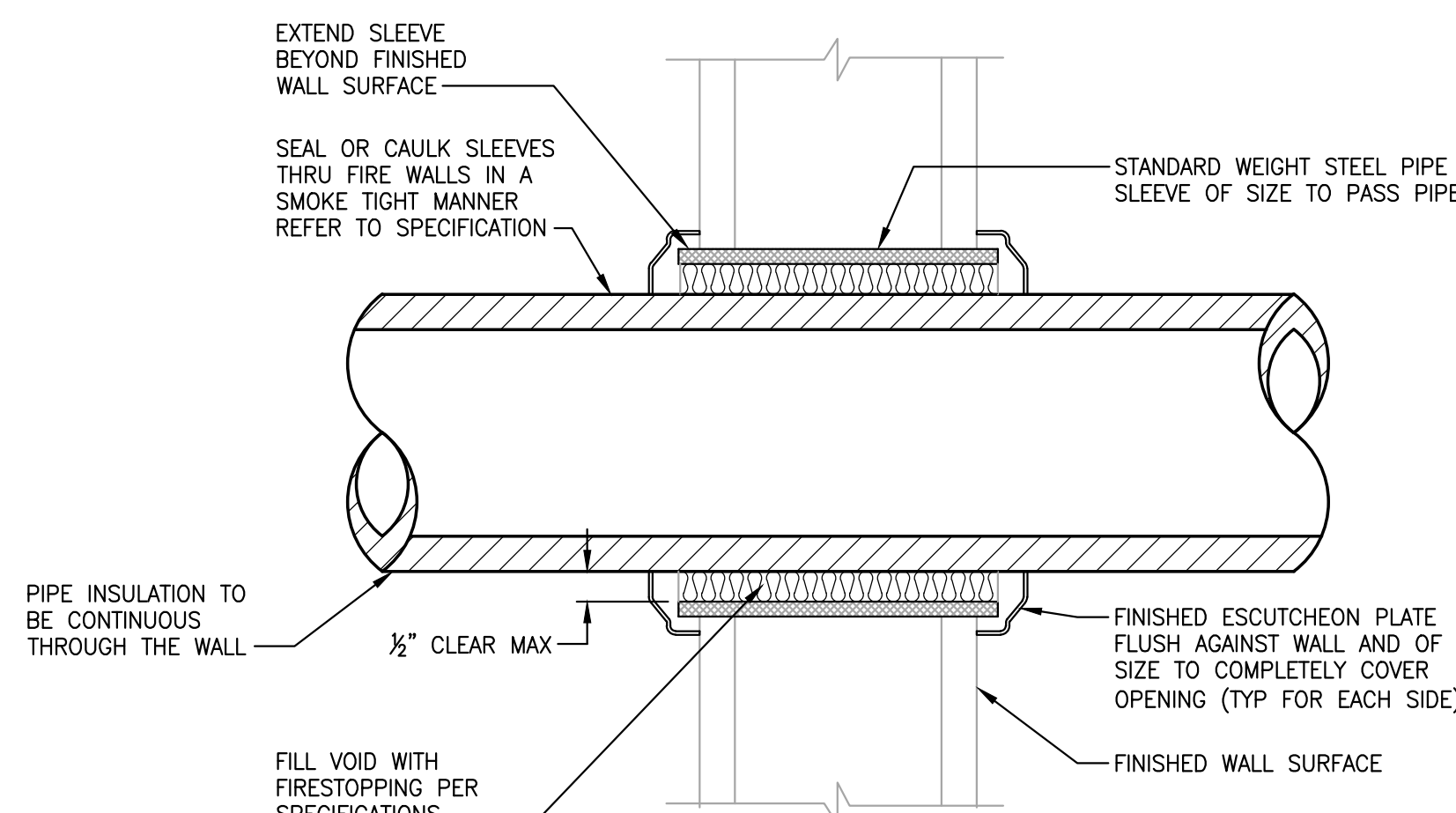
- NOTES:**
- ARRANGE PIPING TO PERMIT COIL REMOVAL BY ONLY REMOVING UNIONS AT COILS.
  - UNIONS (OR FLANGED BODY) INDICATED TO PERMIT REMOVAL OF CONTROL VALVES.
  - PIPING FROM COIL OUTLET TO F&T TRAP TO BE THE SAME SIZE AS COIL OUTLET. DO NOT BUSH UNTIL TRAP.
  - FOR PIPE SIZE "A" SEE PLANS.
  - INSTALL VACUUM BREAKER AS PER COIL MANUFACTURER'S RECOMMENDATIONS.
  - INSTALL STRAINER WITH BASKET PARALLEL TO GROUND.
  - ADD STRUCTURAL STEEL TO RAISE THE BOTTOM OF THE COIL TO ACCOMMODATE DRIP AND TRAP HEIGHT.

**STEAM COIL CONNECTIONS, OPEN GRAVITY SYSTEM - ONE HIGH FOR A STEAM FLOW RATE LESS THAN 1000 LBS/HR**



- NOTES:**
- LOCATE PIPE UNIONS AND ARRANGE PIPING TO FACILITATE COIL REMOVAL.
  - FOR SIZES "A" SEE PLANS AND FLOW DIAGRAMS.
  - PROVIDE DIELECTRIC FITTINGS FOR DISSIMILAR METALS.

**IN-DUCT HOT WATER REHEAT COIL CONNECTIONS ONE HIGH**



**TYPICAL DETAIL OF PIPE THRU RATED WALL**

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STATE OF MAINE  
 DAVID P. ROBERTS  
 1964  
 LICENSED PROFESSIONAL ENGINEER

**PROJECT**

**ACCU RELOCATION**  
 22 Bramhall Street  
 Portland, Maine 04102

**Maine Medical Center**  
 MaineHealth

**MAINE MEDICAL CENTER**  
 22 Bramhall Street  
 Portland, Maine 04102

06.24.2016  
**ISSUE CHART**

NO.	ISSUE	DATE
1	ISSUED FOR PERMIT	06.24.2016
Job Number	B160089-000	
Checked	DPR	
Approved		

**TITLE**

**MECHANICAL DETAILS**

**SHEET NUMBER**

**M00-22**

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