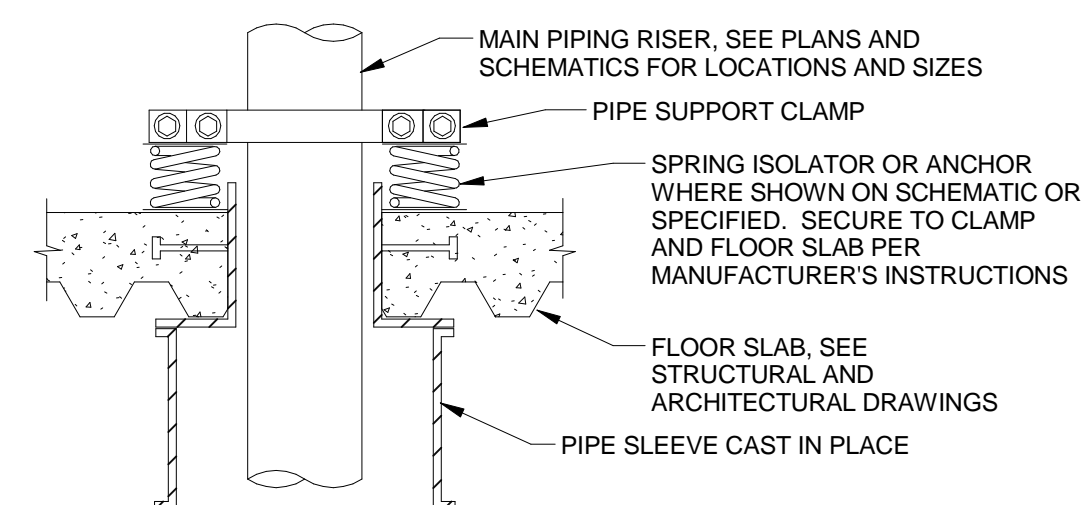
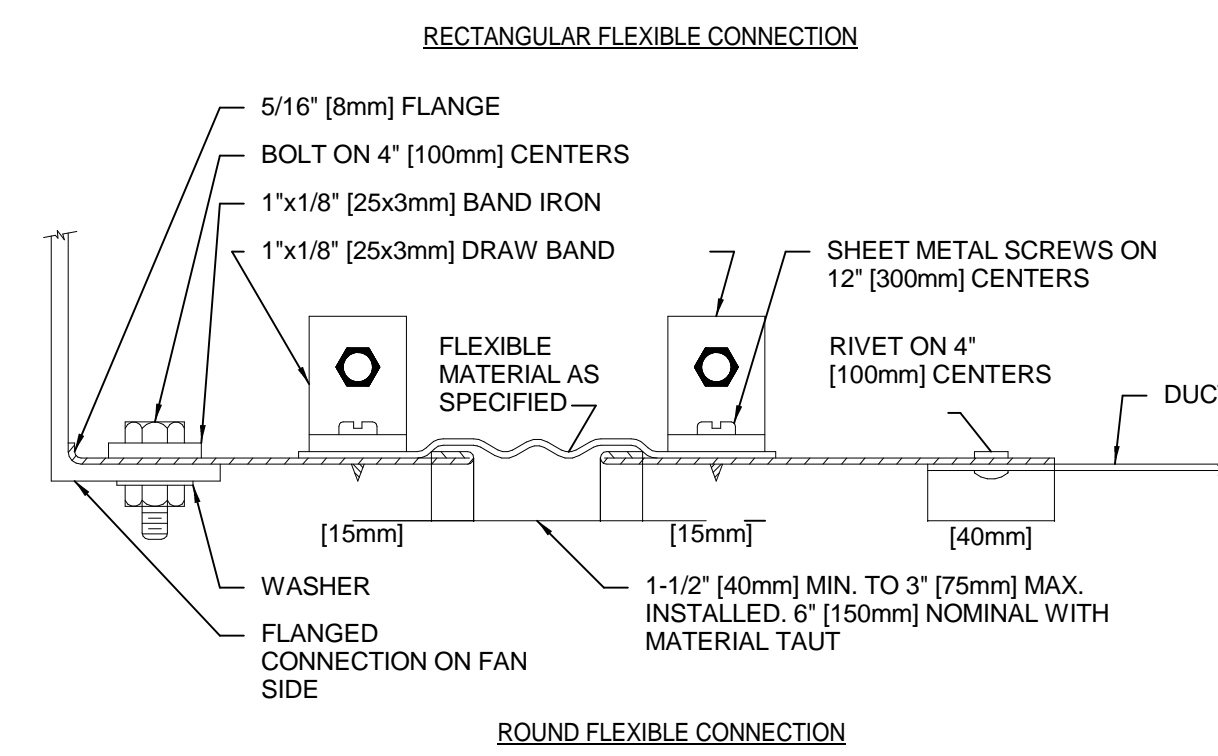


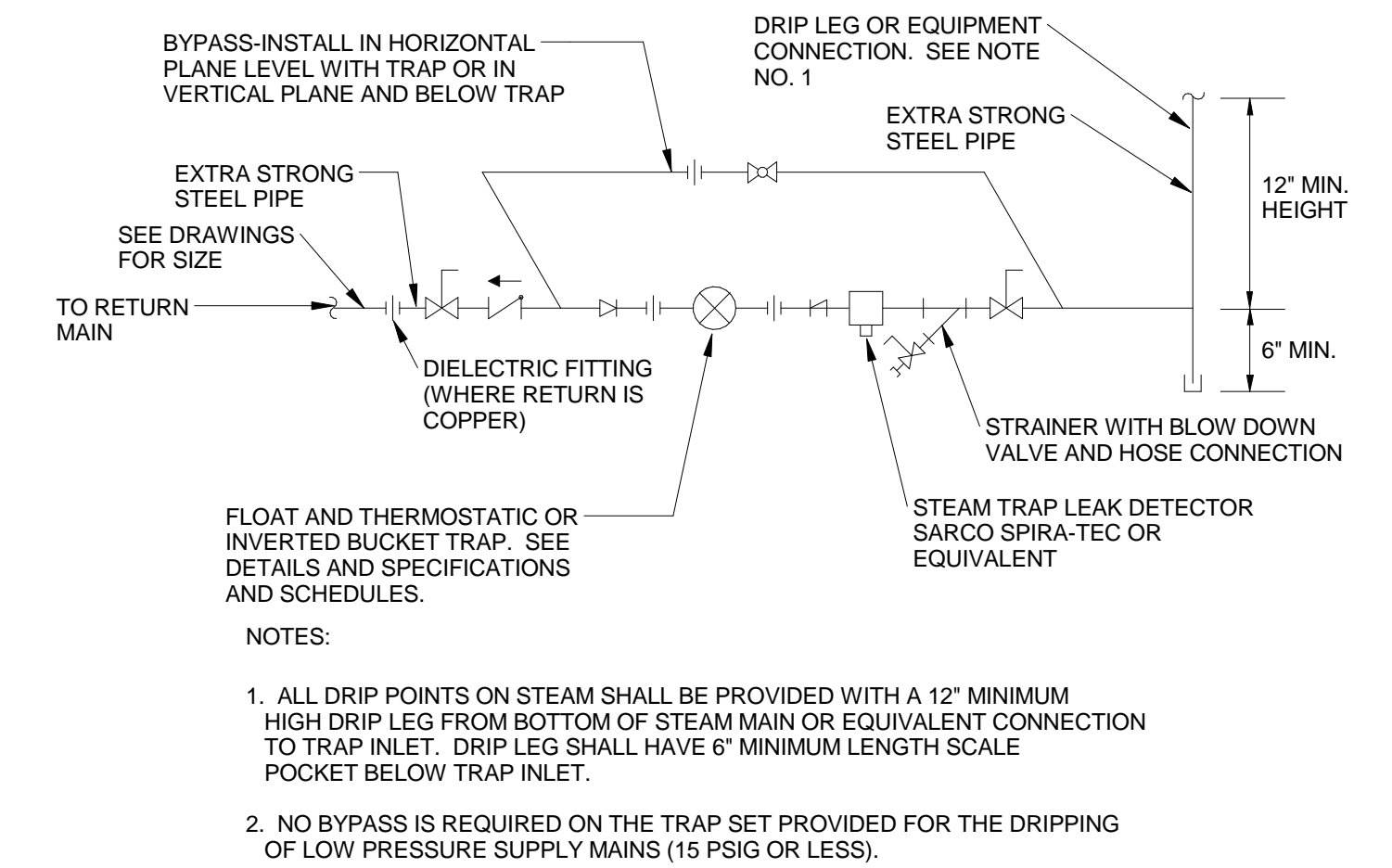
D1 PIPING THRU ROOF DETAIL
SCALE = NONE



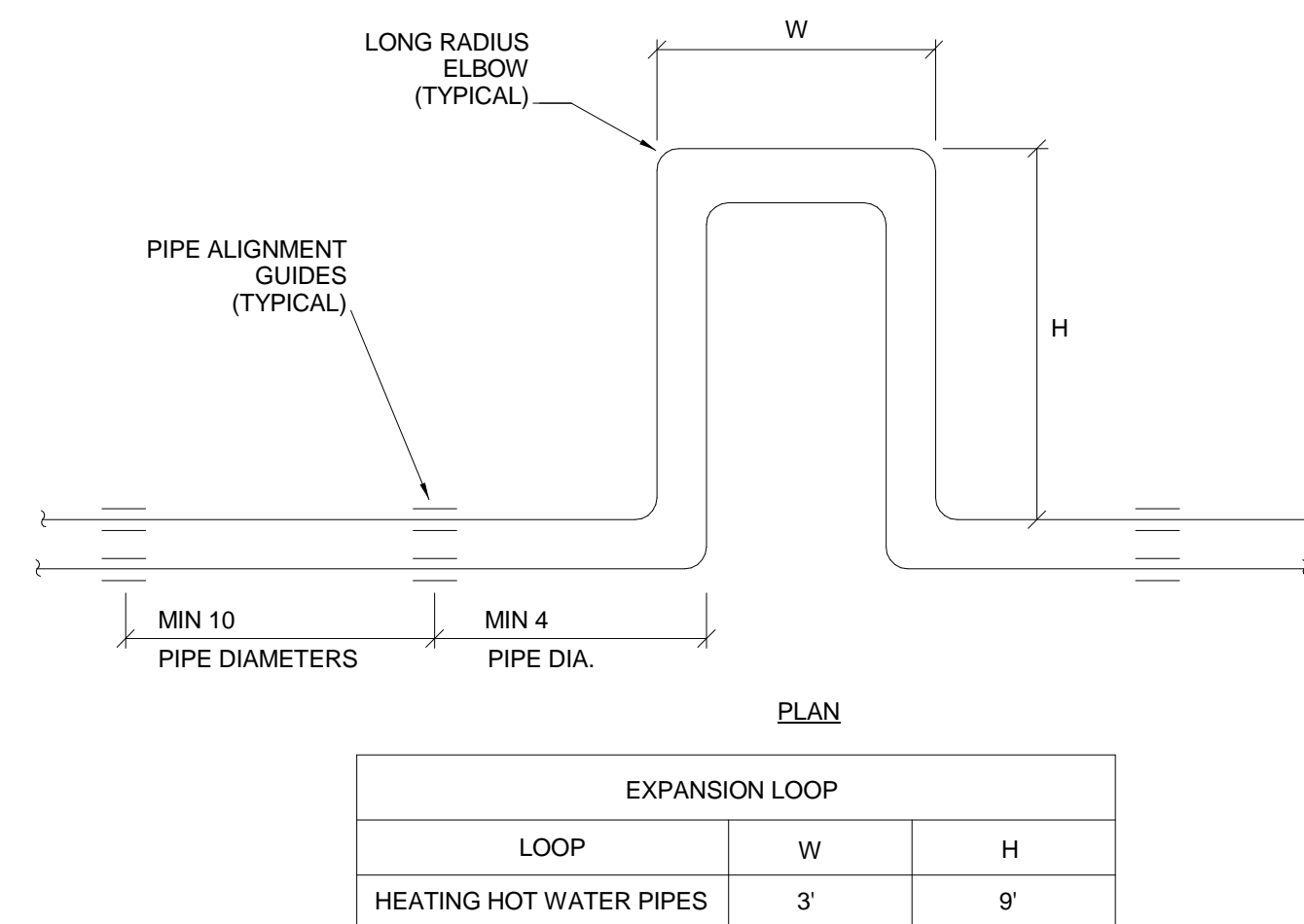
D2 PIPING RISER SUPPORT DETAIL
SCALE = NONE



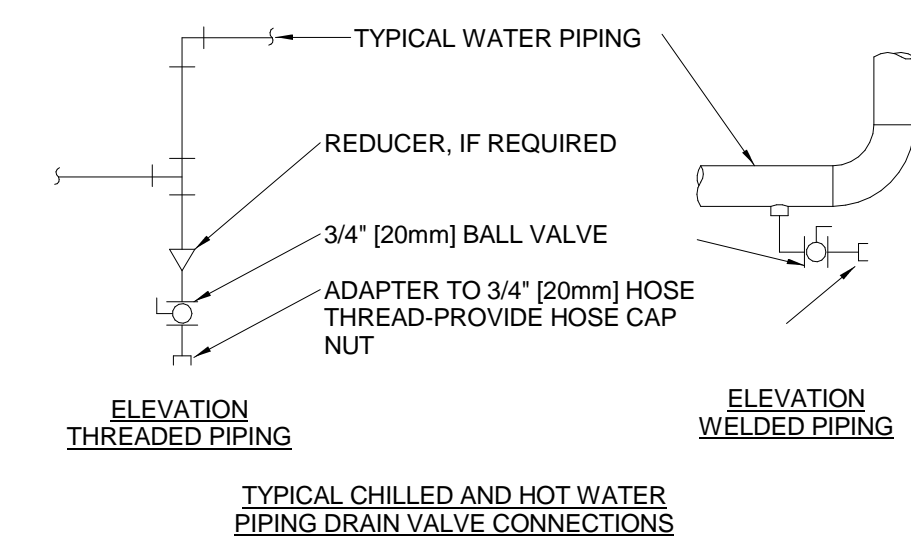
D4 FLEXIBLE DUCT CONNECTIONS
SCALE= NONE



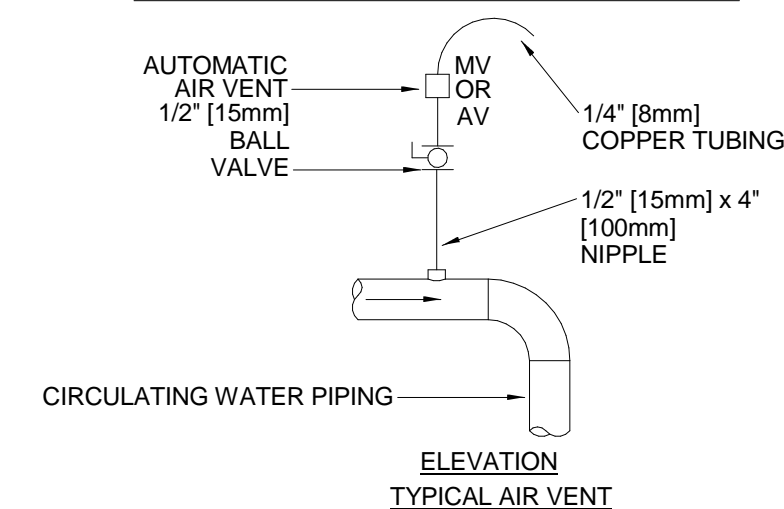
D5 STEAM TRAP DETAIL
SCALE = NONE



B1 EXPANSION LOOP DETAIL

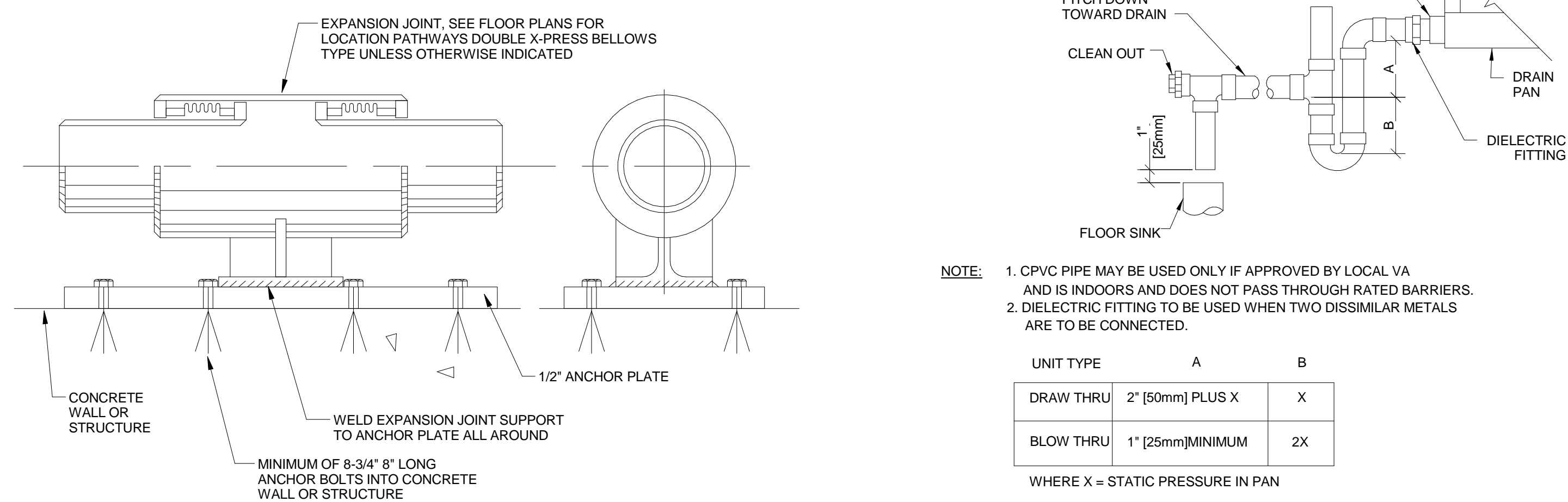


NOTES:
1. DRAIN ALL LOW POINTS AS INDICATED ABOVE.
2. WHERE SCALE POCKETS ARE SHOWN ON PIPE RISER DIAGRAMS AND/OR PLANS LOCATE DRAIN AT BOTTOM OF SCALE POCKET.

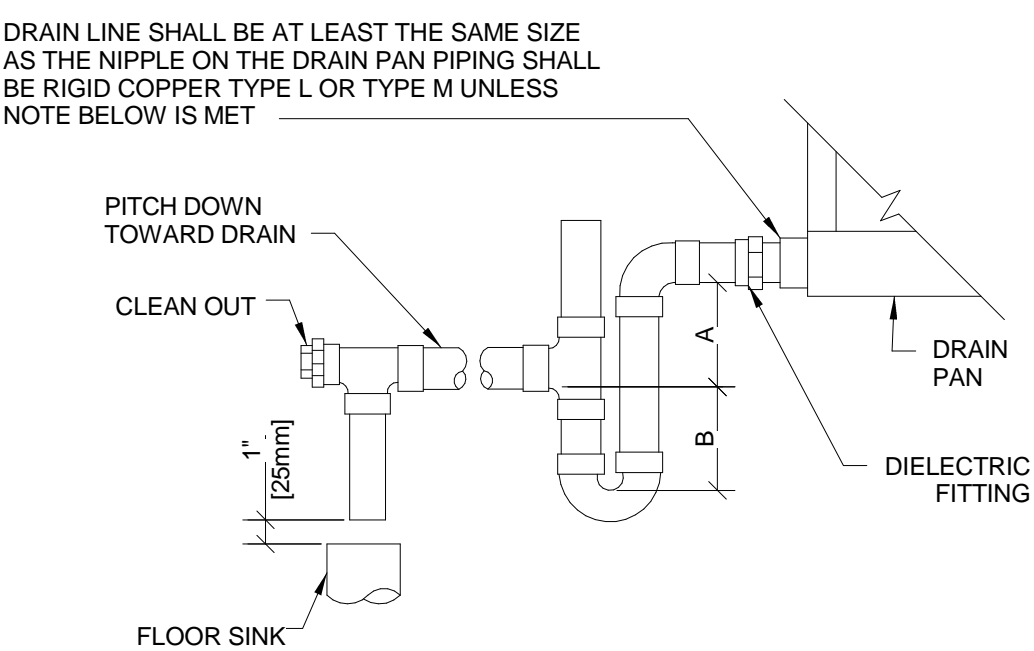


NOTES:
1. VENT ALL HIGH POINTS INDICATED ABOVE.
2. AUTOMATIC AIR VENTS ARE REQUIRED, PIPE DISCHARGE TO DRAIN.

DRAIN VALVE AND AIR VENT CONNECTIONS (HYDRONIC SYSTEMS)



A1 PIPE ANCHOR AND EXPANSION JOINT DETAIL
SCALE = NONE



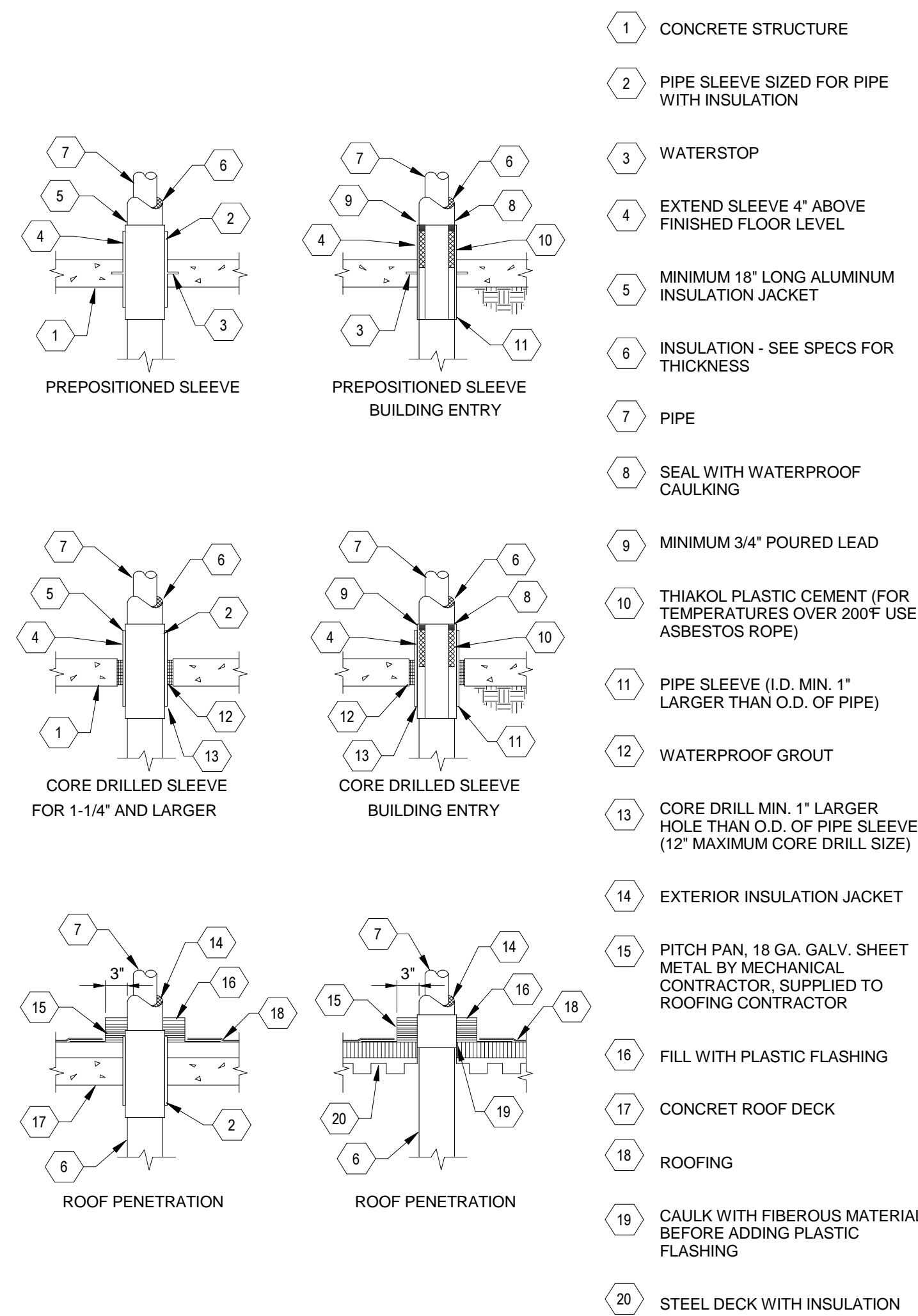
NOTE:

1. CPVC PIPE MAY BE USED ONLY IF APPROVED BY LOCAL VA AND IS INDOORS AND DOES NOT PASS THROUGH RATED BARRIERS
2. DIELECTRIC FITTING TO BE USED WHEN TWO DISSIMILAR METALS ARE TO BE CONNECTED.

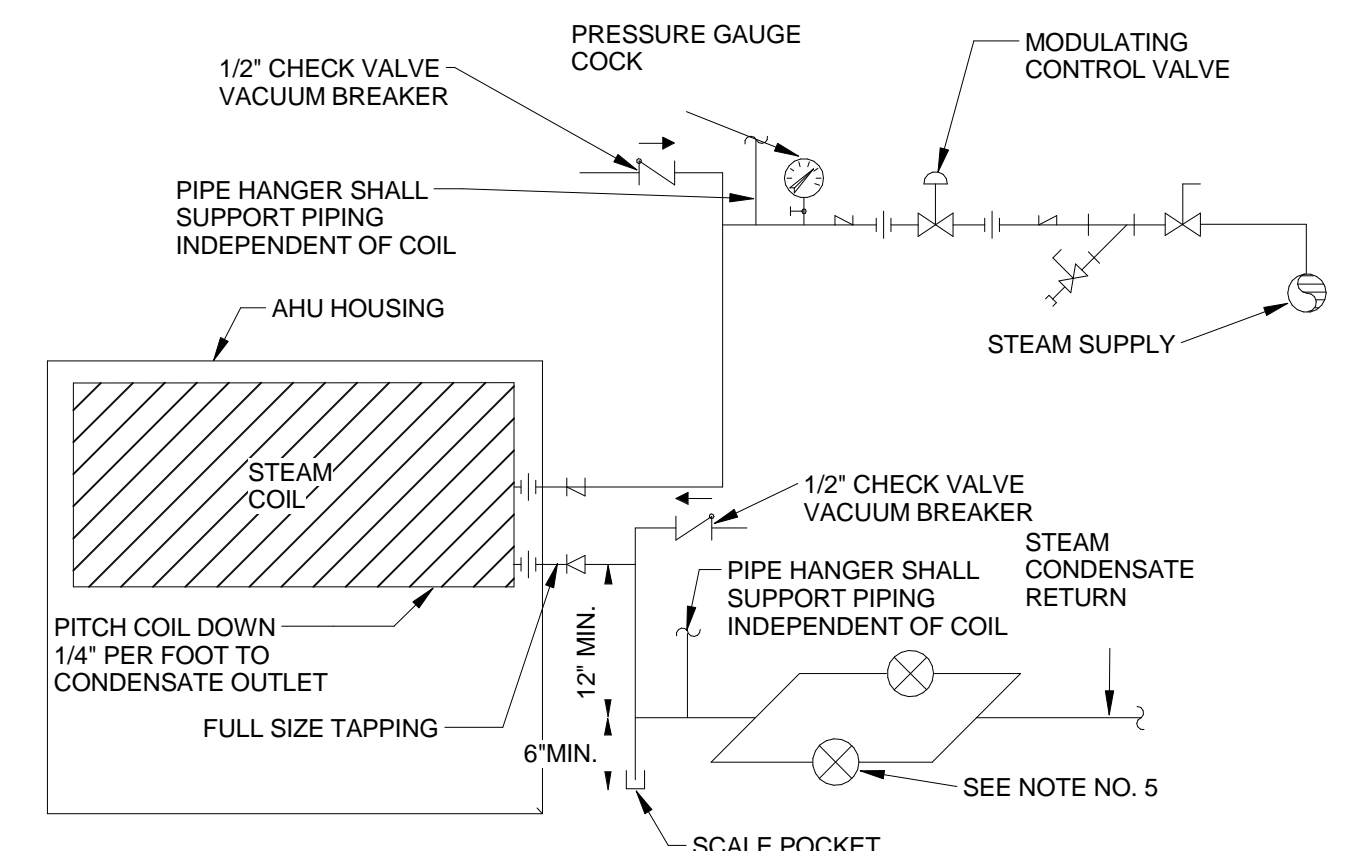
UNIT TYPE	A	B
DRAW THRU	2" [50mm] PLUS X	X
BLOW THRU	1" [25mm] MINIMUM	2X

WHERE X = STATIC PRESSURE IN PAN

A2 AIR HANDLING UNIT DRAIN TRAP DETAIL



A3 PIPE PENETRATION DETAIL
SCALE = NONE



NOTES:

1. WHEN COIL IS INCLUDED IN CASING MOUNTED ON VIBRATION ISOLATOR UNITS, THE RUNOUT PIPING FOR CONNECTIONS TO COIL SHALL BE INSTALLED WITH SWING JOINTS TO ALLOW FOR THE VIBRATION.
2. PIPING SHALL BE INSTALLED IN SUCH MANNER THAT IT WILL NOT BLOCK THE SWING OR USE OF ACCESS DOORS OR PANELS; NEITHER SHALL IT BLOCK THE SERVICING OF FILTERS, VALVES, OR EQUIPMENT.
3. WHERE THE DISTANCE FROM THE INTAKE OF TRAP TO BOTTOM OF COILS IS RESTRICTED, FLOAT AND THERMOSTATIC TRAP CAPACITIES SHALL BE SELECTED ON A LOWER PRESSURE DROPT SUITED TO THE DISTANCE BETWEEN BOTTOM OF COIL AND TRAP INLET.
4. TRAP EACH COIL SEPARATELY WHEN INSTALLED IN A BANK OF TWO OR MORE HIGH. ALSO PROVIDE SEPARATE VACUUM BREAKERS.
5. TWO TRAP SETS IN PARALLEL ARE SHOWN FOR STEAM COILS. ONLY ONE TRAP SET IS REQUIRED FOR REHEAT COILS APPLICATIONS. SEE STEAM TRAP DETAIL.
6. SUPPLY AND RETURN PIPE ARE SHOWN FROM THE SAME END. REHEAT COIL MAY HAVE SUPPLY AND RETURN PIPE FROM OPPOSITE ENDS.
7. MODULATING TYPE CONTROL VALVE IS SHOWN. IF CONTROL DIAGRAM INDICATES ON OFF TYPE CONTROL VALVE IS REQUIRED THEN THAT TYPE SHOULD BE FURNISHED.
8. ALL EXPOSED PIPING SHALL BE HEAT TAPED, INSULATED, METAL JACKETED AND SEALED WEATHERTIGHT.
9. ALL PIPING INSIDE INSULATED METAL HOUSING SHALL BE INSULATED.

A5 STEAM COIL PIPING DETAIL
SCALE = NONE

1	ADDENDUM #001	07-15-2014
#	Revisions	Date

CONSULTANTS:

Architect Date: 2/14/09 2:16 PM 16-06-007 Engineer

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Drawing Title	
MECHANICAL DETAILS	
Approved: Project Director	

Project Title MICU-SICU CONSOLIDATION & PACU BUILDING 41			Project Number 501-324	
Location NMVAHCS RAYMOND G. MURPHY VAMC			Building Number BUILDING 41	
Date SEPTEMBER 26, 2014	Checked ROS	Drawn ACB	Drawing Number <div style="font-size: 2em; font-weight: bold;">M503</div>	
			Dwg.	Of

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