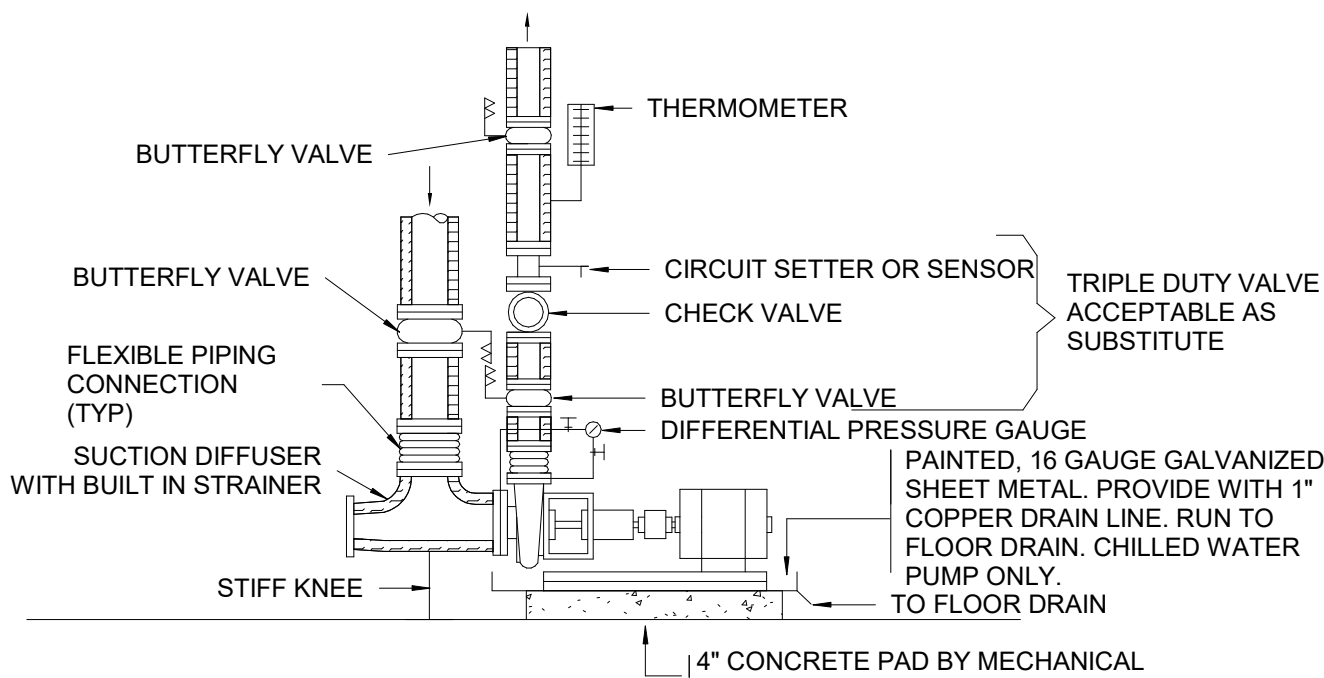
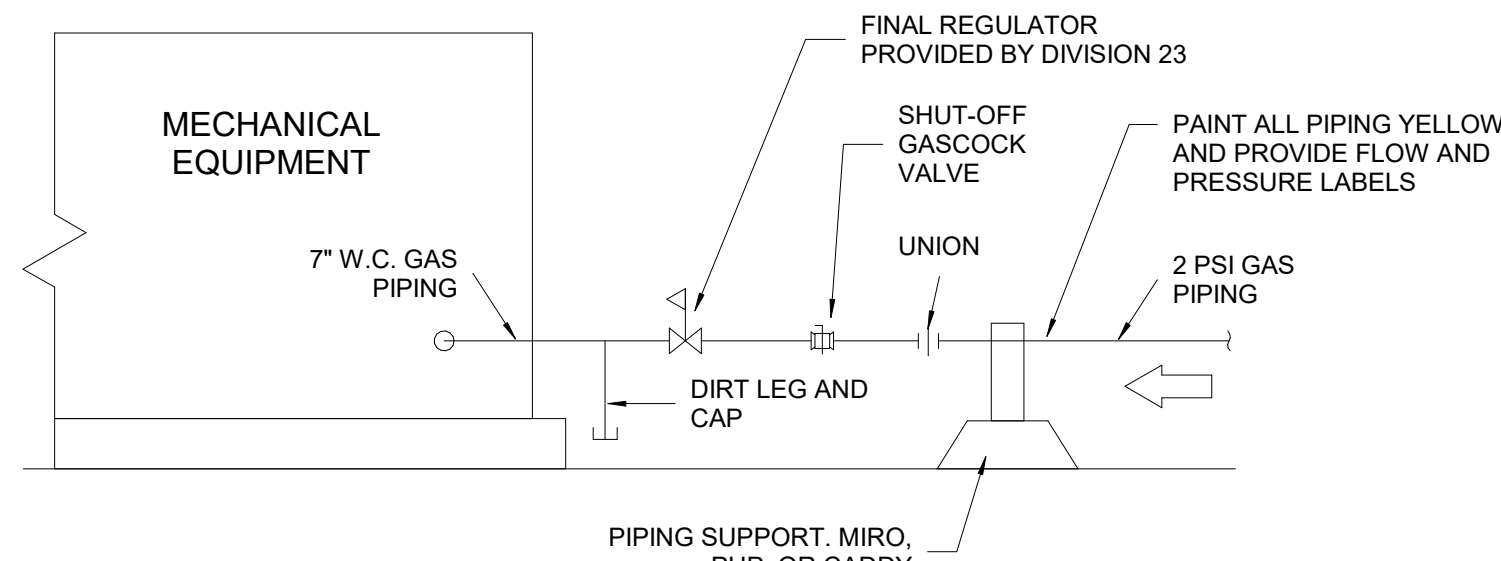


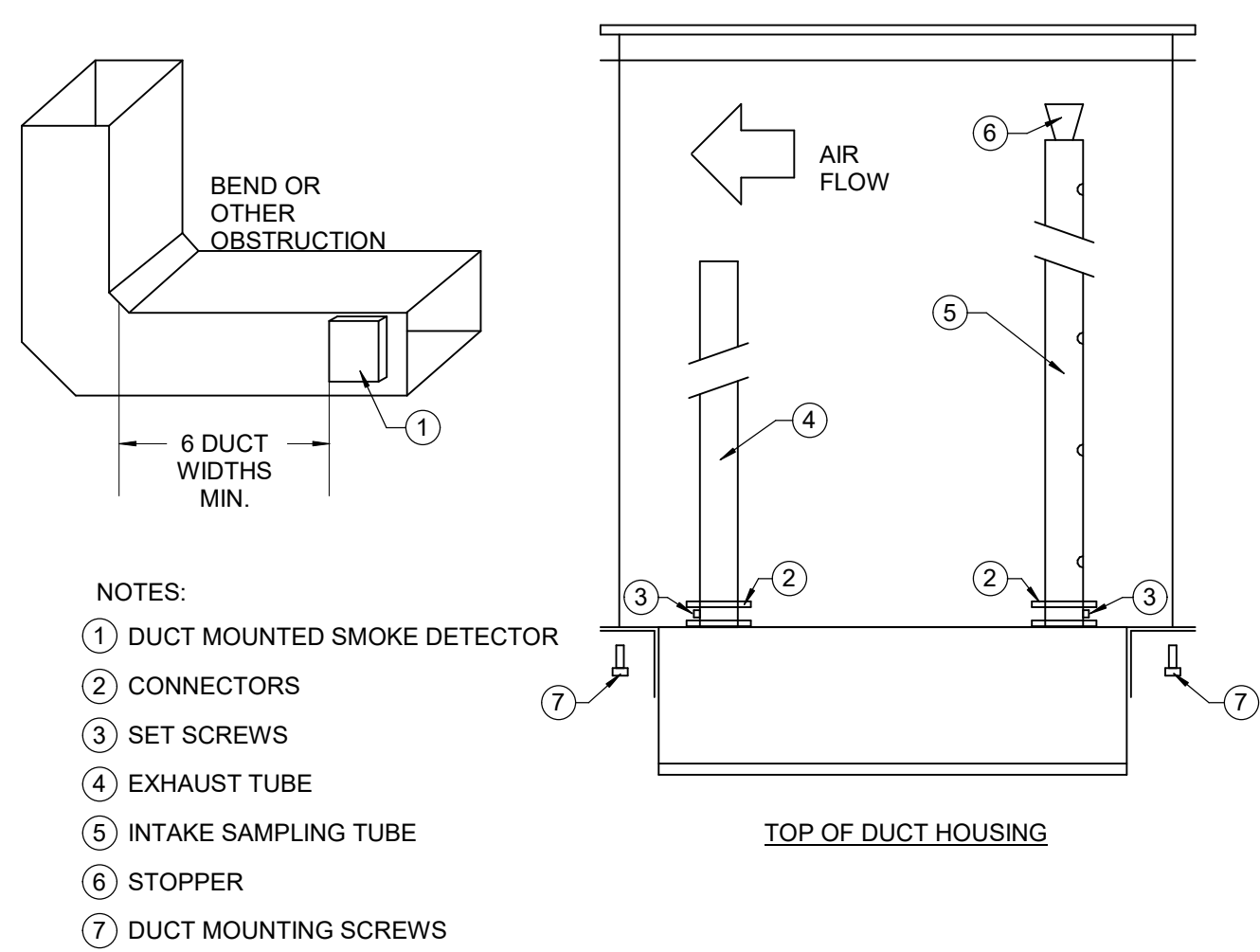
12 DETAIL - GAS VENT THRU ROOF
NOT TO SCALE



13 DETAIL - BASE MOUNTED END SUCTION PUMP
NOT TO SCALE

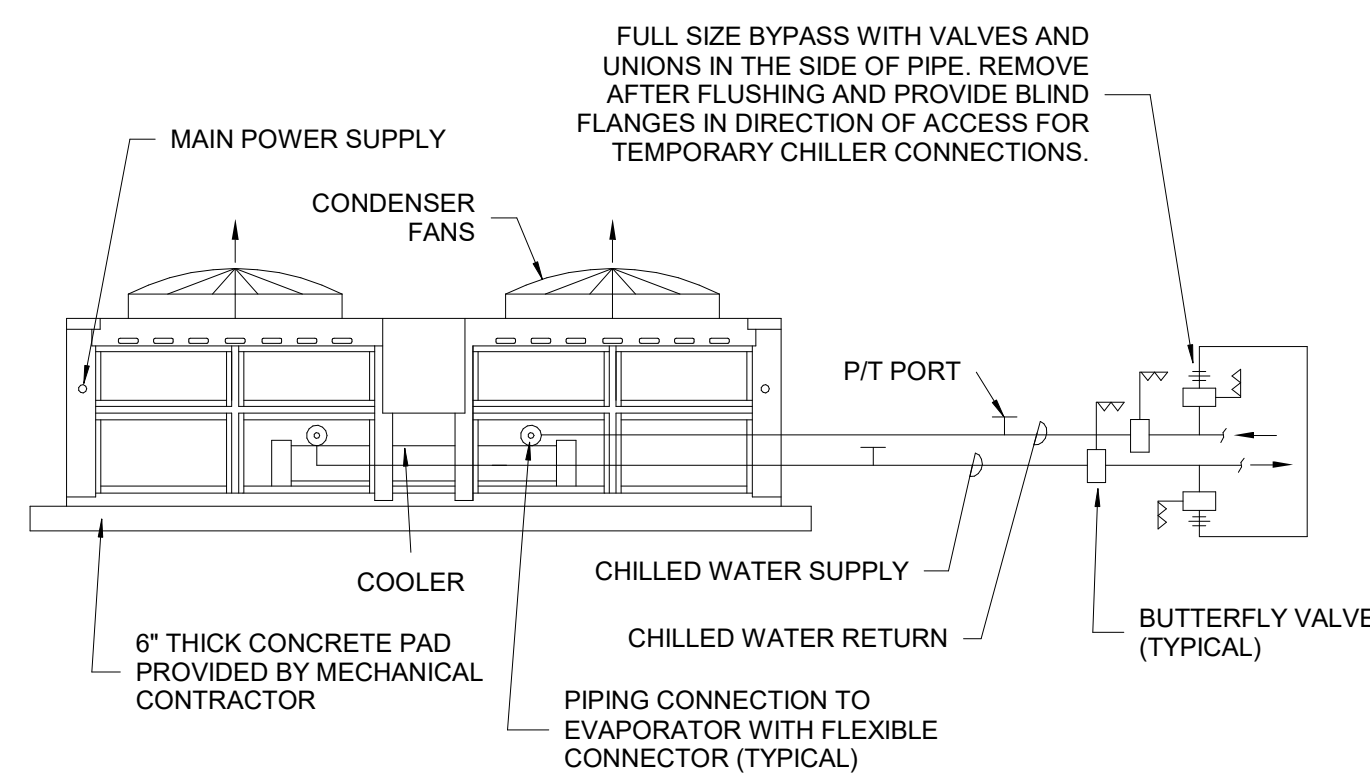


14 DETAIL - TYPICAL GAS CONNECTION
NOT TO SCALE



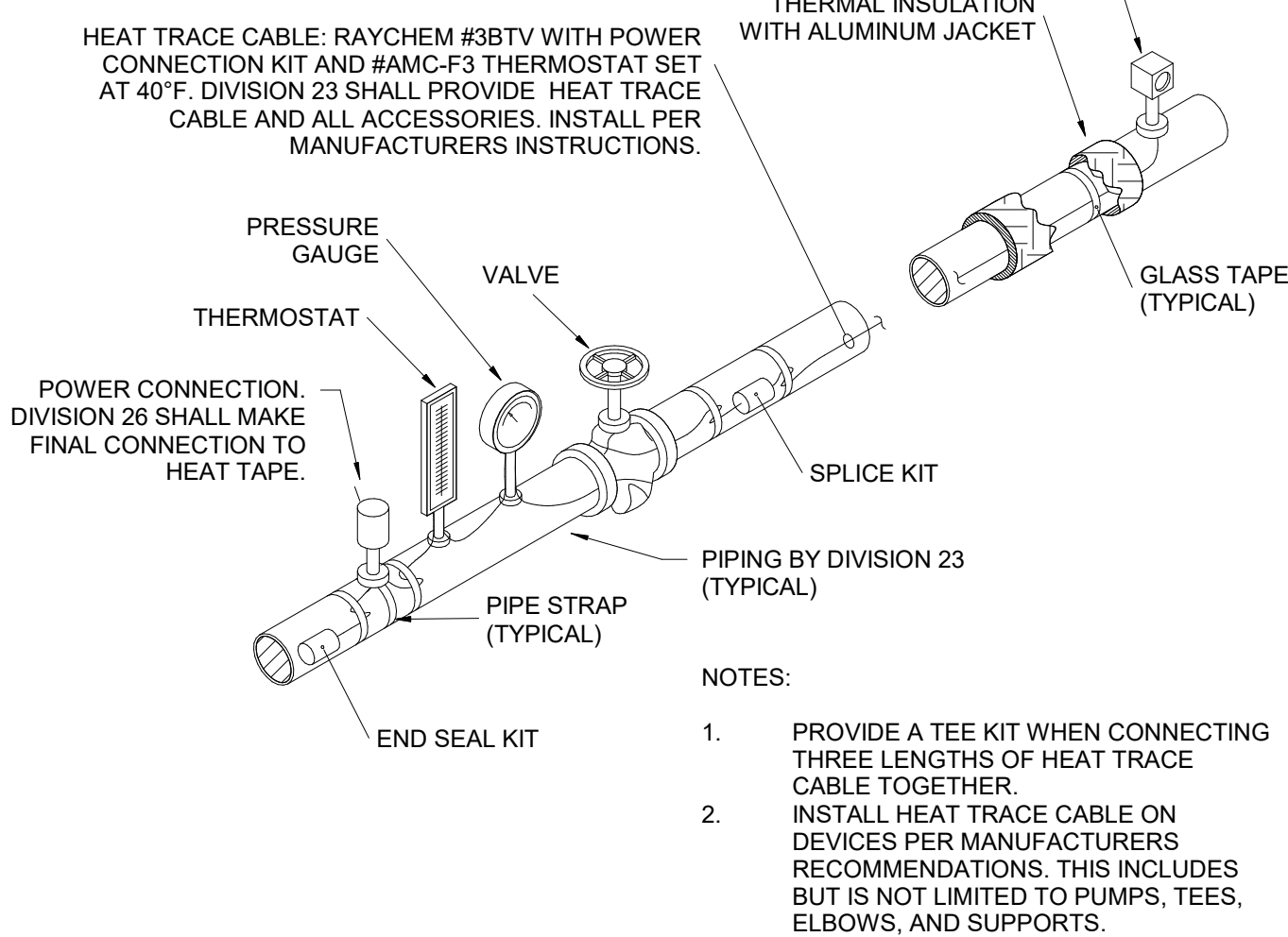
15 DUCT SMOKE DETECTOR DETAIL
NOT TO SCALE

9 DETAIL - BOILER
NOT TO SCALE

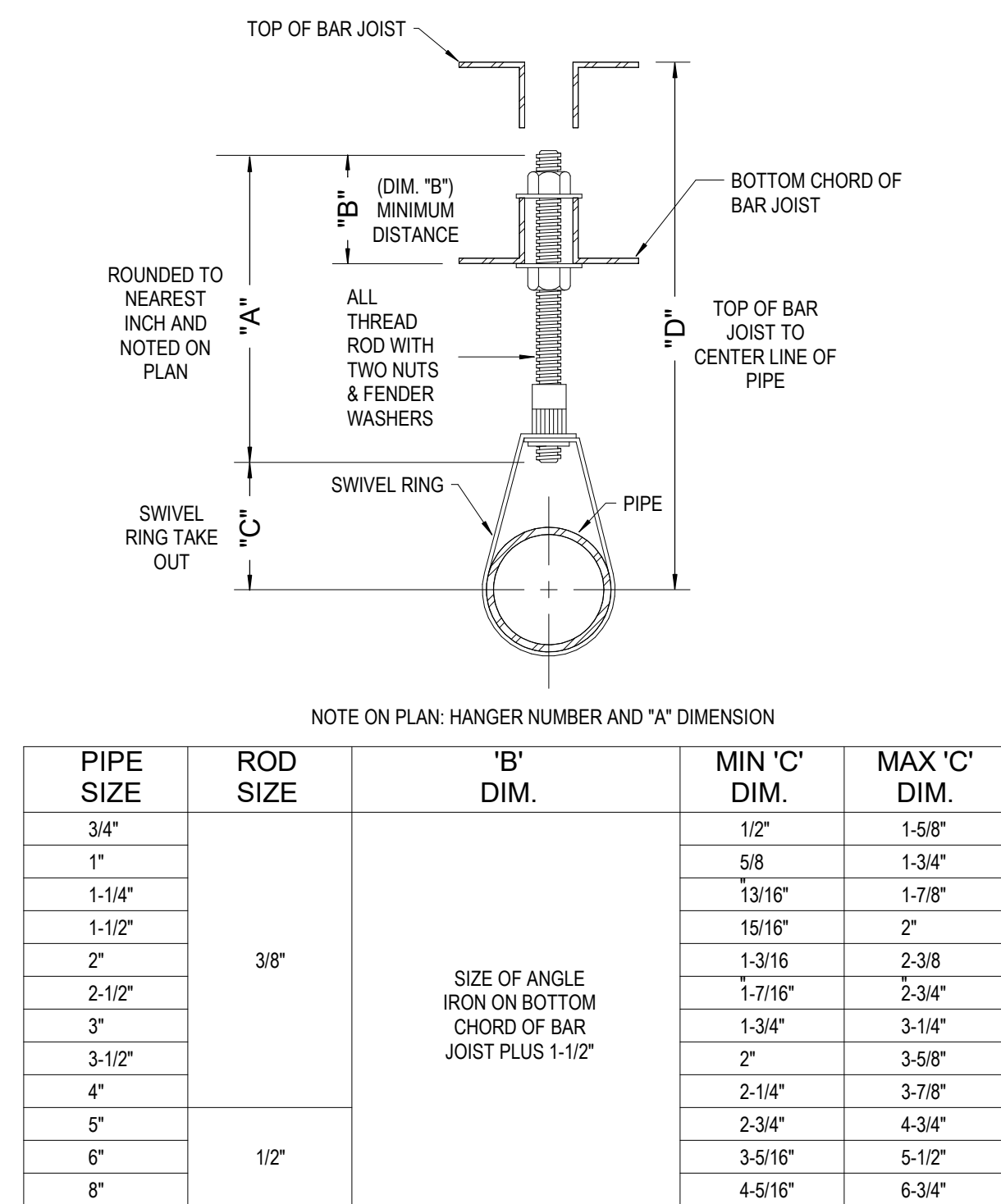


10 DETAIL - PACKAGED AIR COOLED CHILLER
NOT TO SCALE

HEAT TRACE CABLE SIZING CHART		
PIPE SIZE	MIN. WATTS PER FOOT	
3/4" - 2 1/2"	4	
3" - 4"	5	
5" - 8"	7	

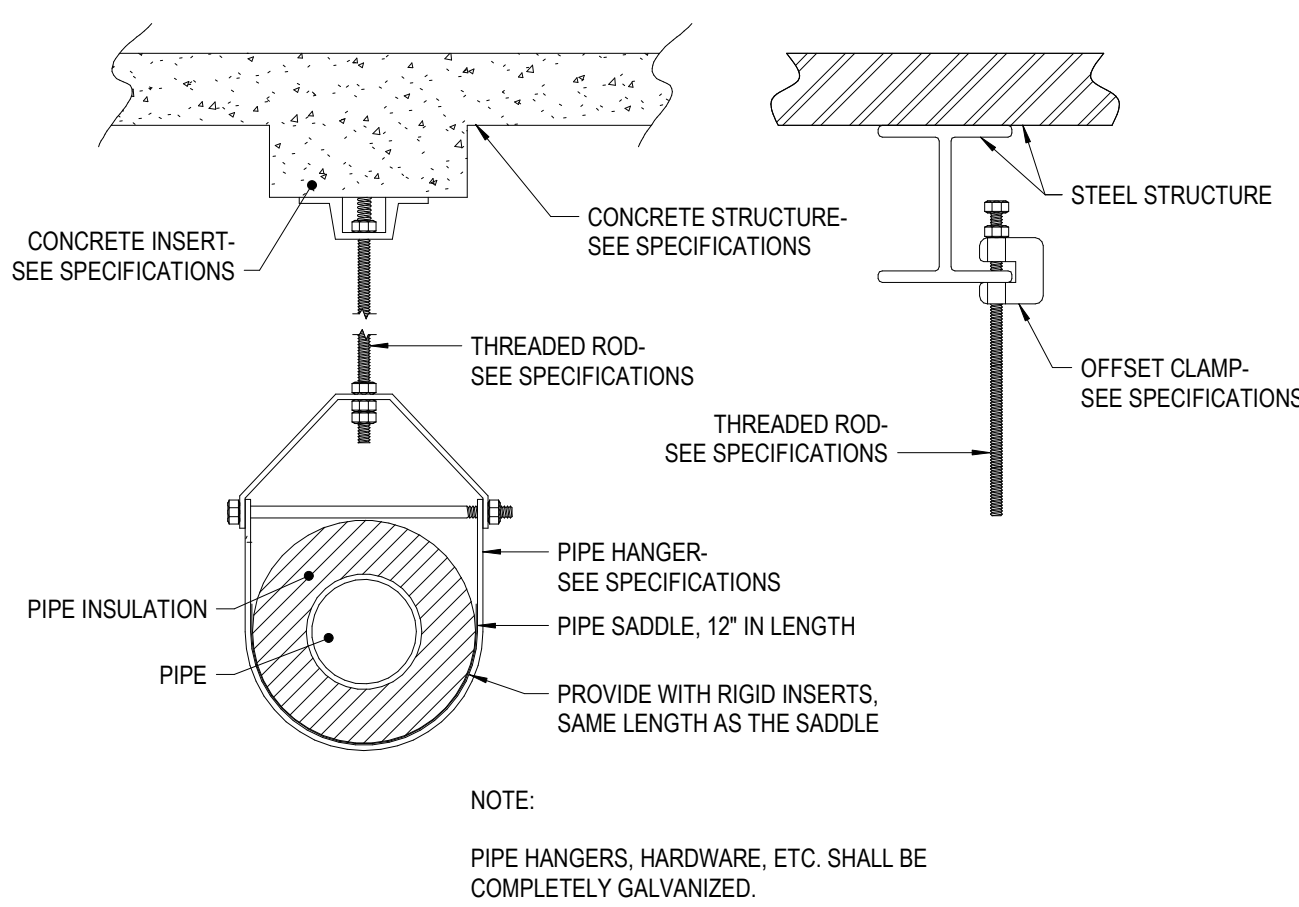


11 HEAT TRACE CABLE
NOT TO SCALE

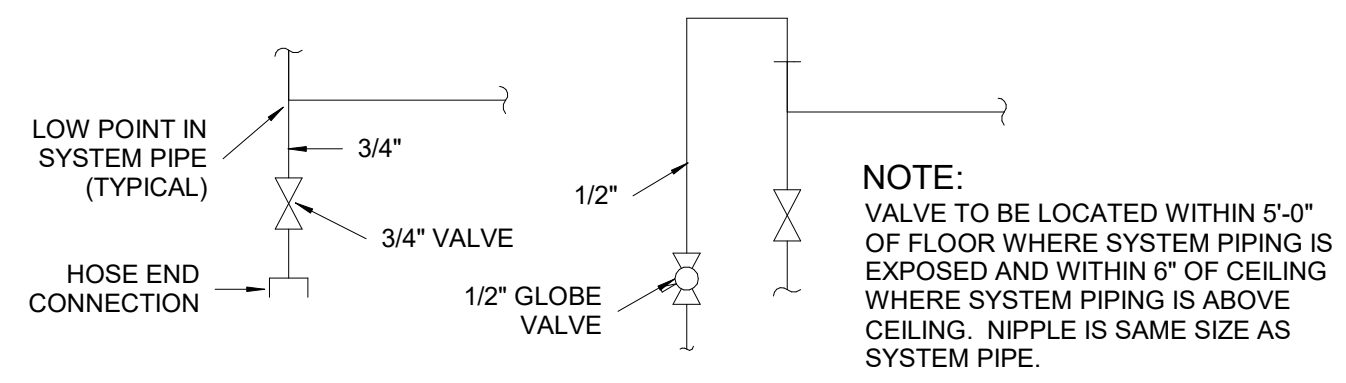


BAR JOIST HANGER
WITH NUTS AND WASHERS

5 HANGERS
NOT TO SCALE

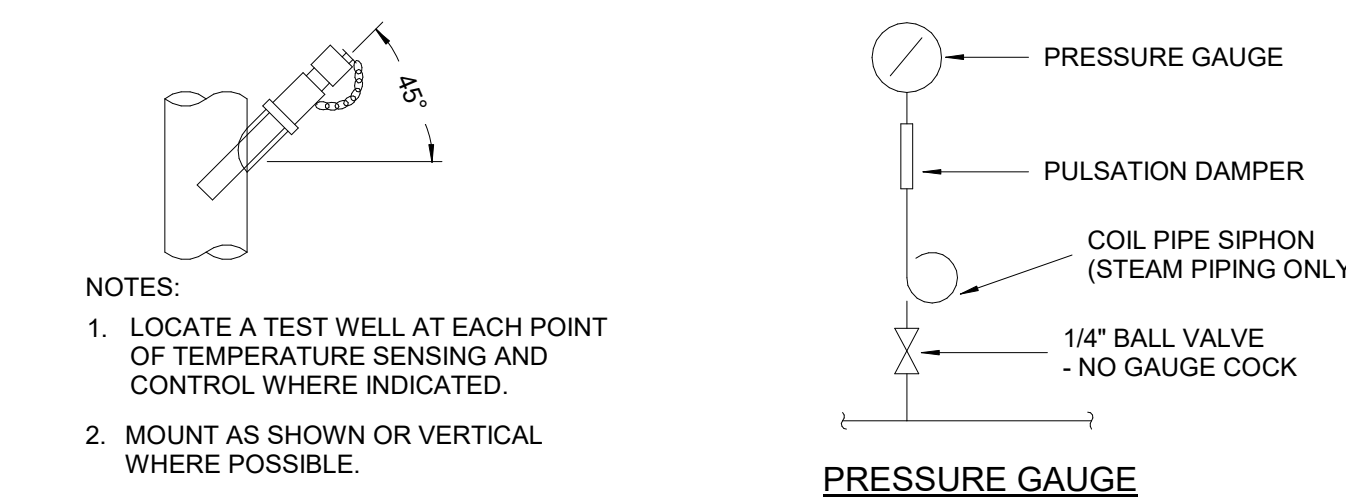


6 HANGERS
NOT TO SCALE



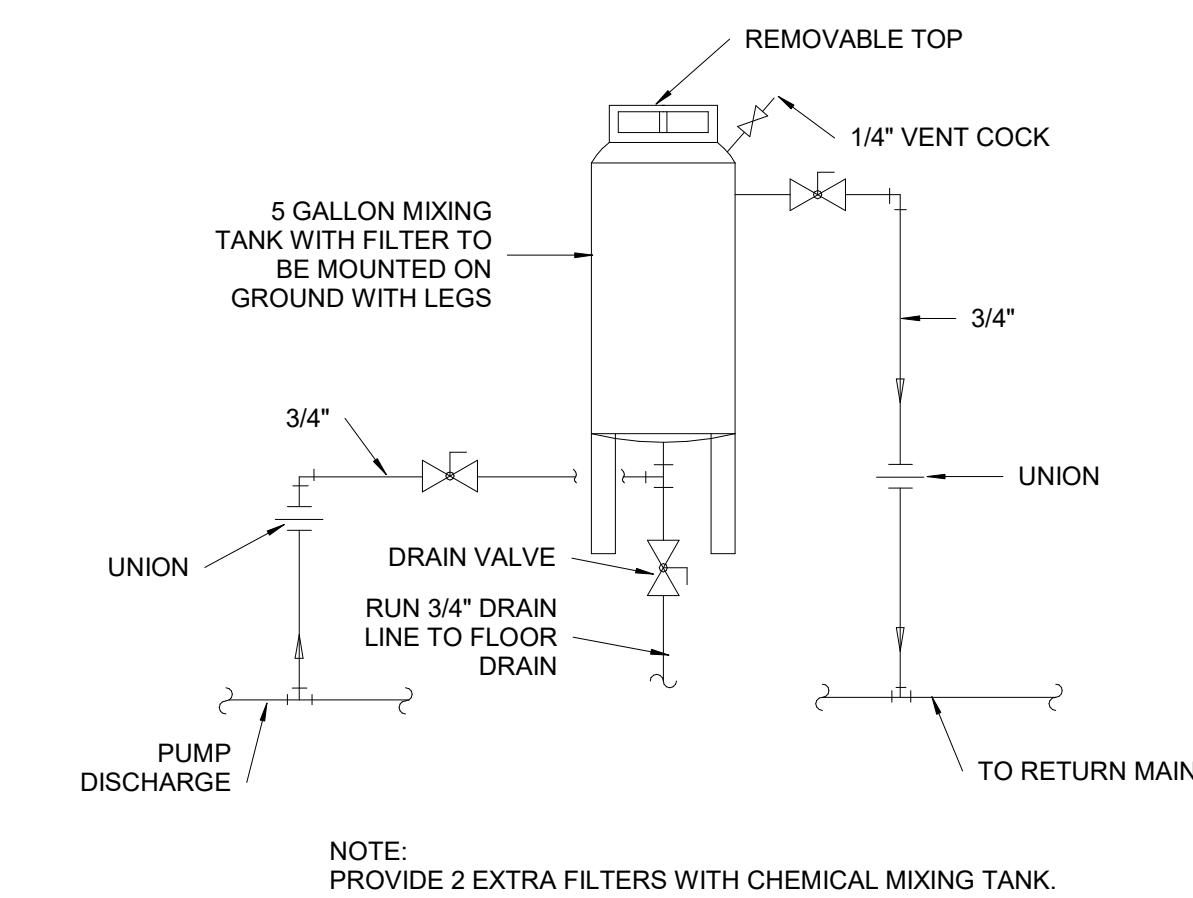
SYSTEM WATER DRAIN

SYSTEM AIR VENT

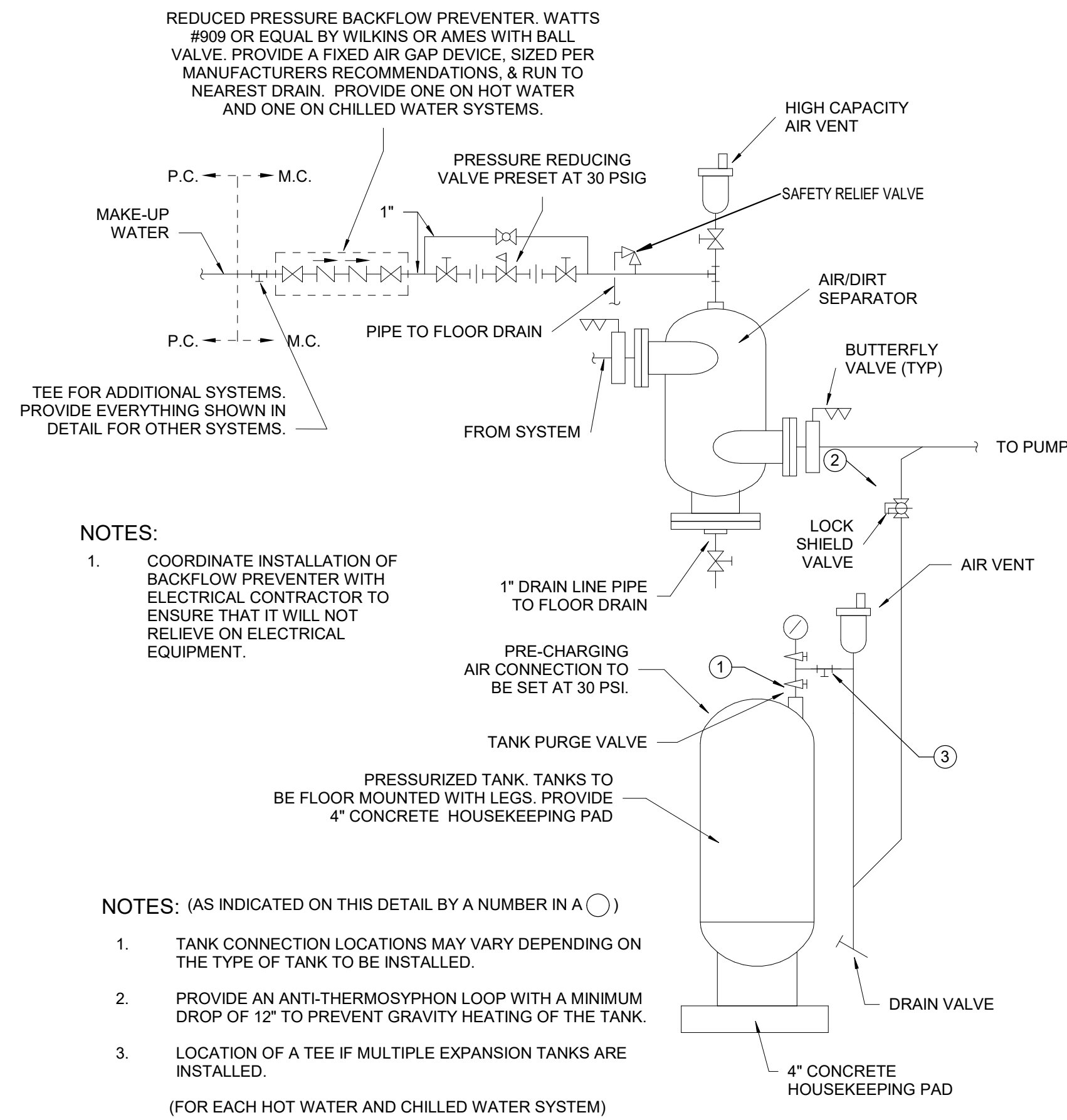


THERMOMETER TEST WELL

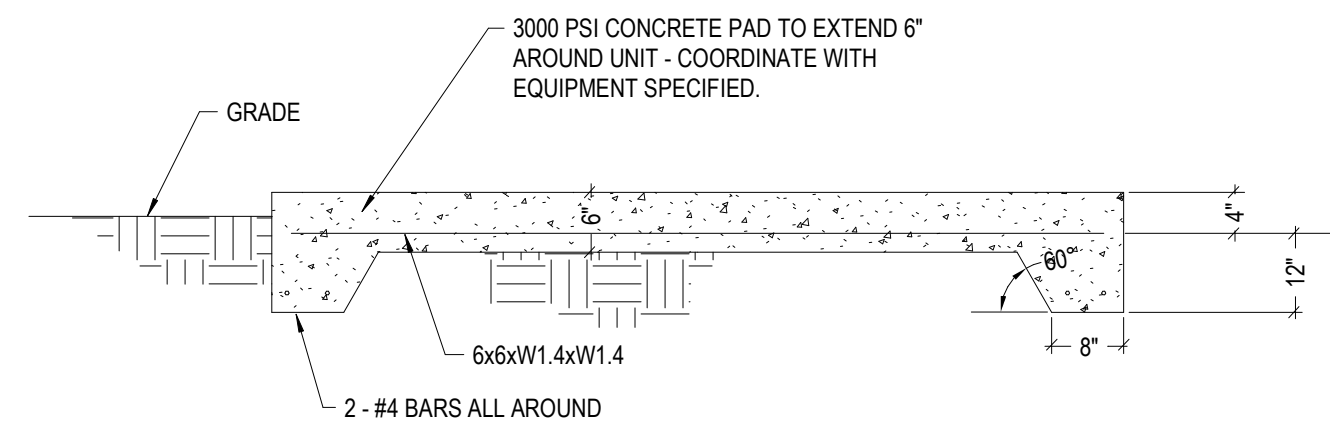
7 DETAIL - MISC. HYDRONIC ACCESSORIES
NOT TO SCALE



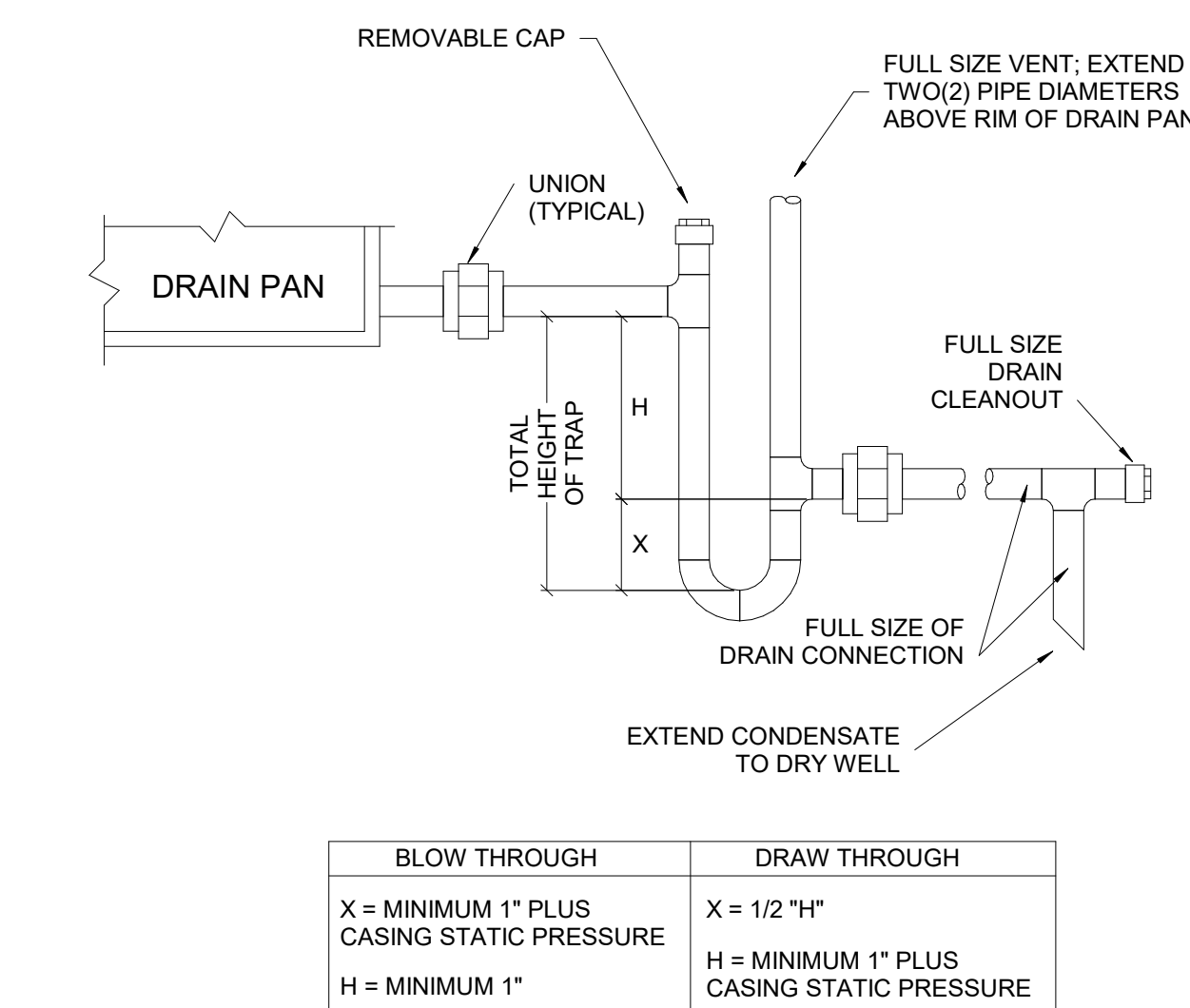
8 DETAIL - CHEMICAL FEED
NOT TO SCALE



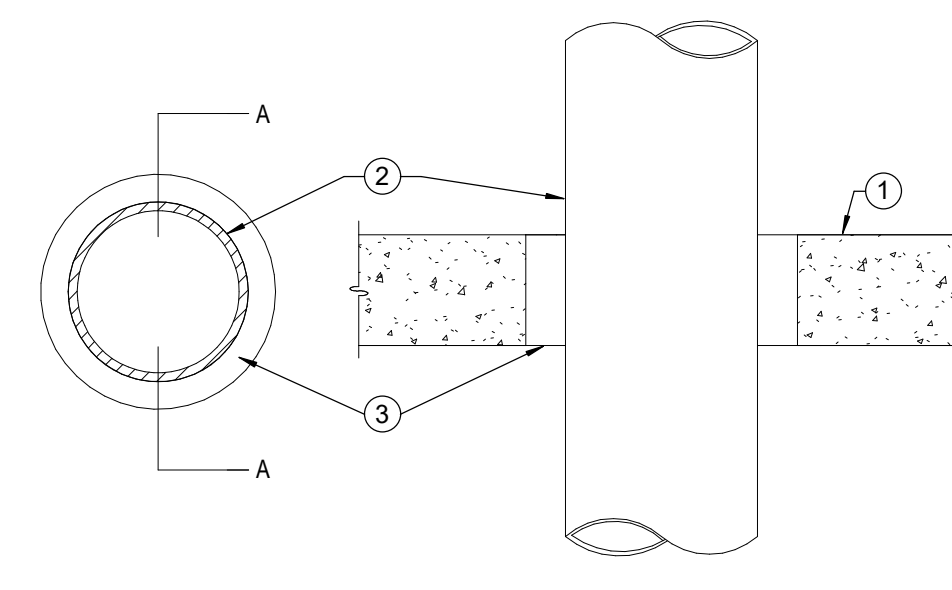
1 DETAIL - VERTICAL TANK INSTALLATION WITH AIR SEPARATOR
NOT TO SCALE



2 DETAIL - EXTERIOR EQUIPMENT PAD
NOT TO SCALE



3 DETAIL - CONDENSATE DRAIN DETAIL
NOT TO SCALE



4 NON-RATED WALL PIPE PENETRATION
NOT TO SCALE