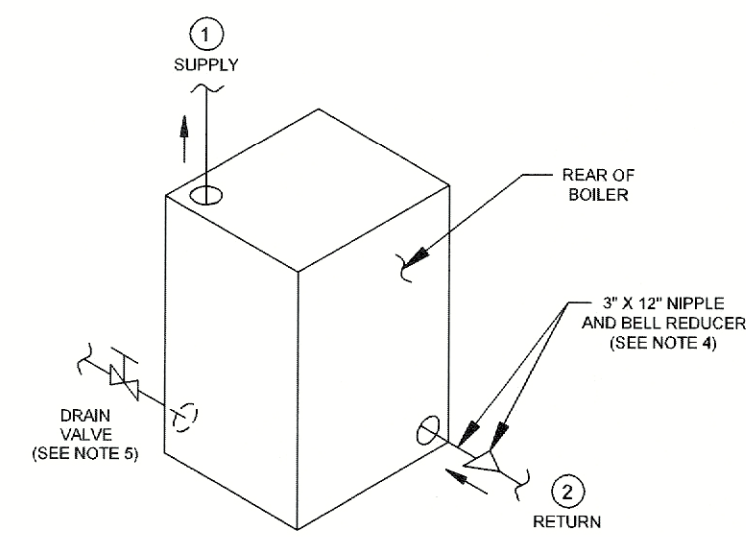
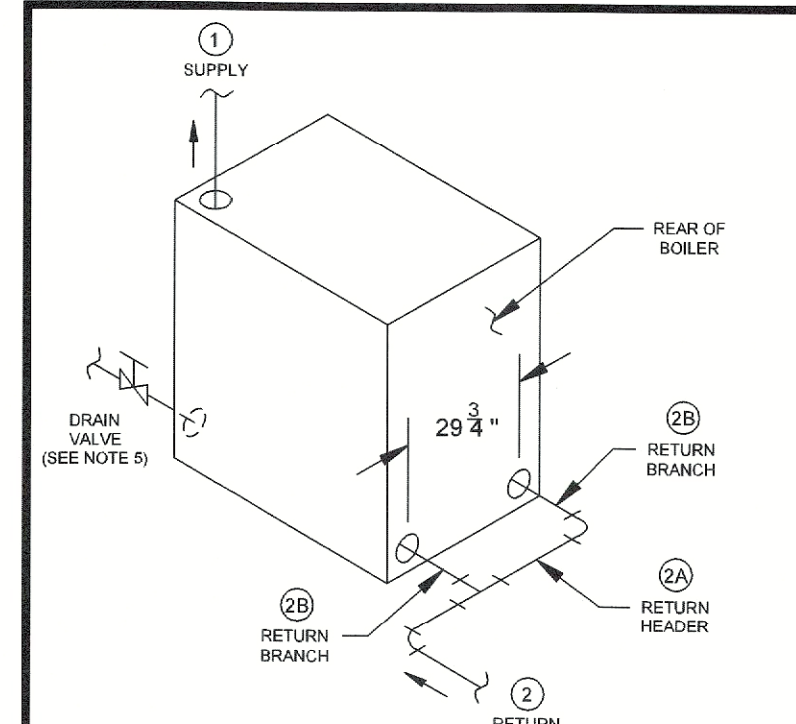
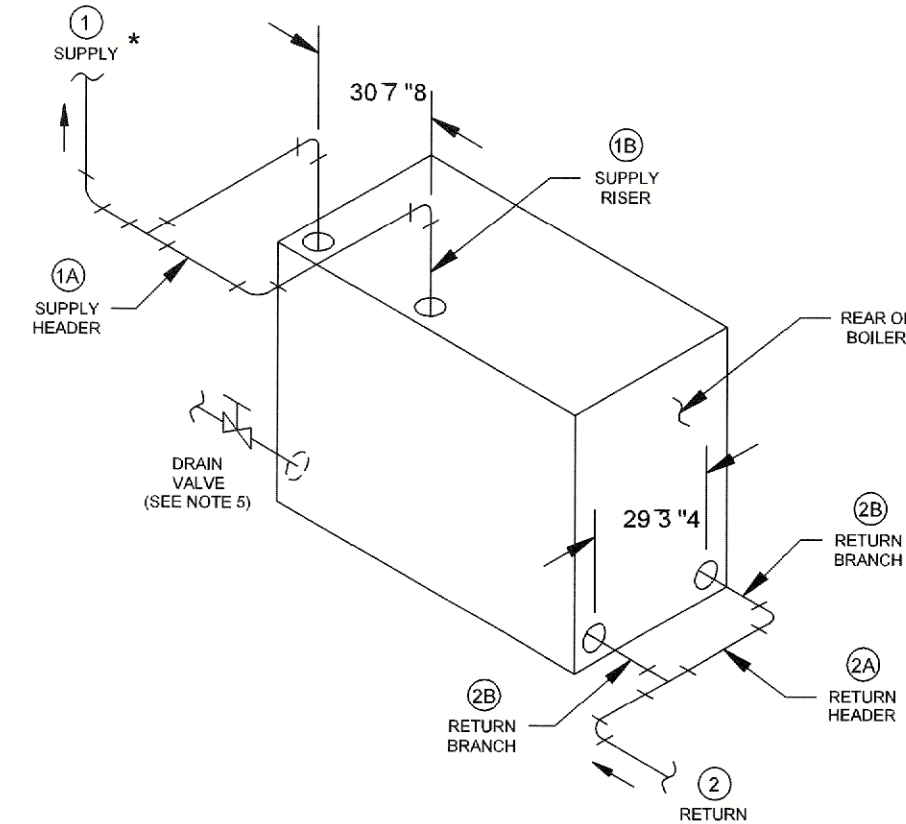




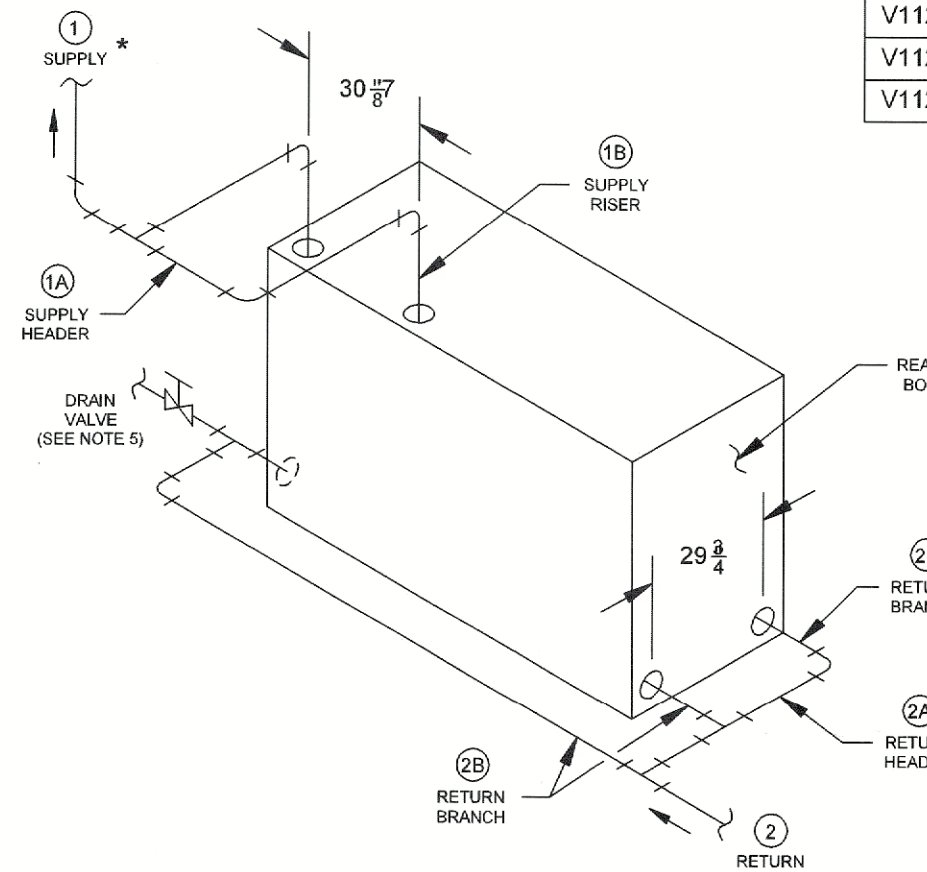
V1104H THRU V1108H (W/20°F DROP)
V1104H THRU V1117H (W/40°F DROP)



V1109H THRU V1115H (W/20°F DROP)
V1118H THRU V1123H (W/40°F DROP)



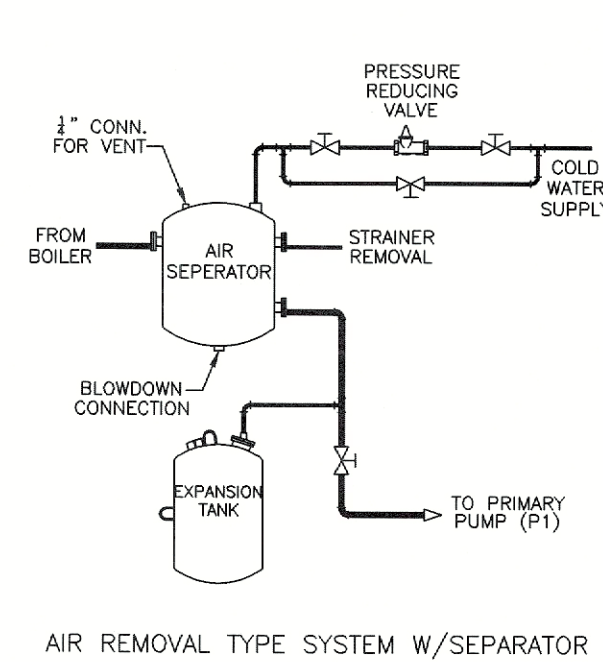
V1116H AND V1117H (W/20°F DROP)



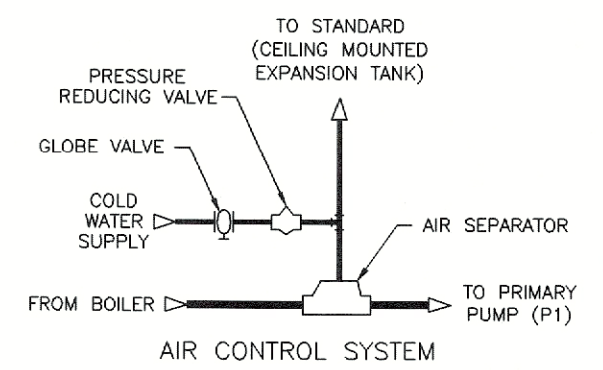
V1118H THRU V1123H (W/20°F DROP)

V11H SERIES MINIMUM PIPING RECOMMENDATION - WATER

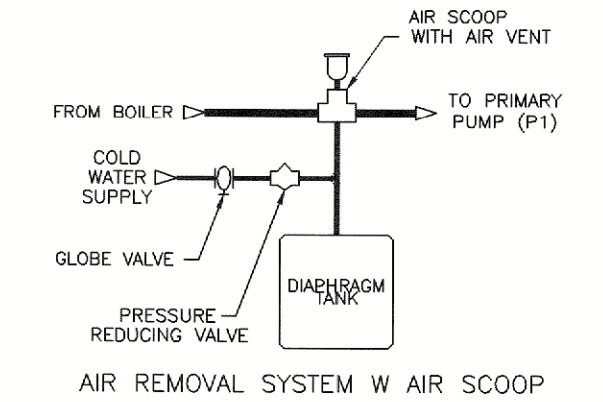
BOILER MODEL	GROSS OUTPUT (MBH)	FLOW AT 20°F ΔT (GPM)	FLOW AT 40°F ΔT (GPM)	SUPPLY PIPING SIZE						RETURN PIPING SIZE					
				1		1A		1B		2		2A		2B	
				20°F DROP	40°F DROP	20°F DROP	40°F DROP	20°F DROP	40°F DROP	20°F DROP	40°F DROP	20°F DROP	40°F DROP	20°F DROP	40°F DROP
V1104H	682	68	34	2 1/2"	2"	—	—	—	—	2 1/2"	2"	—	—	—	—
V1105H	871	87	44	2 1/2"	2"	—	—	—	—	2 1/2"	2"	—	—	—	—
V1106H	1,085	109	55	2 1/2"	2"	—	—	—	—	2 1/2"	2"	—	—	—	—
V1107H	1,298	130	65	3"	2"	—	—	—	—	3"	2"	—	—	—	—
V1108H	1,536	154	77	3"	2"	—	—	—	—	3"	2"	—	—	—	—
V1109H	1,750	175	88	4"	2 1/2"	—	—	—	—	4"	2 1/2"	3"	—	(2) 3"	—
V1110H	1,965	197	99	4"	2 1/2"	—	—	—	—	4"	2 1/2"	3"	—	(2) 3"	—
V1111H	2,181	218	109	4"	2 1/2"	—	—	—	—	4"	2 1/2"	3"	—	(2) 3"	—
V1112H	2,373	237	119	4"	3"	—	—	—	—	4"	3"	3"	—	(2) 3"	—
V1113H	2,552	255	128	4"	3"	—	—	—	—	4"	3"	3"	—	(2) 3"	—
V1114H	2,790	279	140	4"	3"	—	—	—	—	4"	3"	3"	—	(2) 3"	—
V1115H	3,028	303	152	4"	3"	—	—	—	—	4"	3"	3"	—	(2) 3"	—
V1116H	3,208	321	161	5"	3"	—	—	(2) 3"	—	5"	3"	3"	—	(2) 3"	—
V1117H	3,447	345	173	5"	3"	—	—	(2) 3"	—	5"	3"	3"	—	(2) 3"	—
V1118H	3,885	389	185	5"	4"	—	—	(2) 4"	—	5"	4"	4"	3"	(3) 3"	(2) 3"
V1119H	3,885	387	194	5"	4"	—	—	(2) 4"	—	5"	4"	4"	3"	(3) 3"	(2) 3"
V1120H	4,104	410	205	5"	4"	—	—	(2) 4"	—	5"	4"	4"	3"	(3) 3"	(2) 3"
V1121H	4,343	434	217	5"	4"	—	—	(2) 4"	—	5"	4"	5"	3"	(3) 3"	(2) 3"
V1122H	4,524	452	226	5"	4"	—	—	(2) 4"	—	5"	4"	5"	3"	(3) 3"	(2) 3"
V1123H	4,763	476	238	5"	4"	—	—	(2) 4"	—	5"	4"	5"	3"	(3) 3"	(2) 3"



AIR REMOVAL TYPE SYSTEM W/SEPARATOR

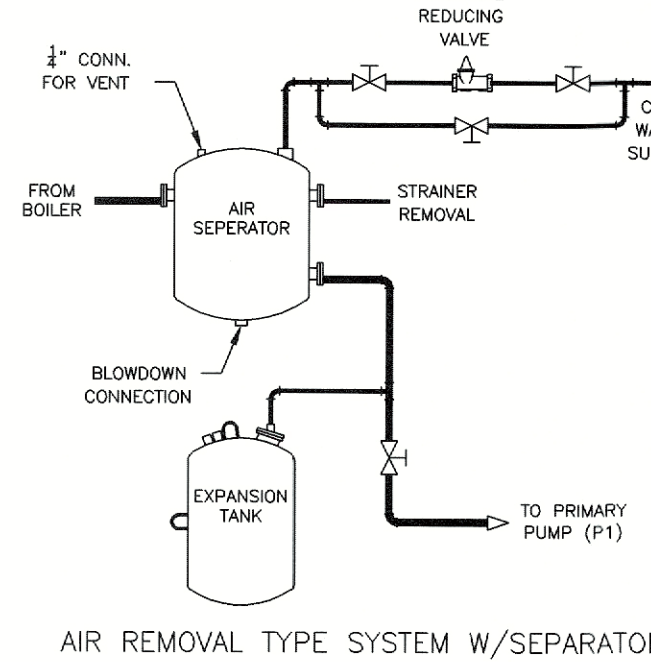
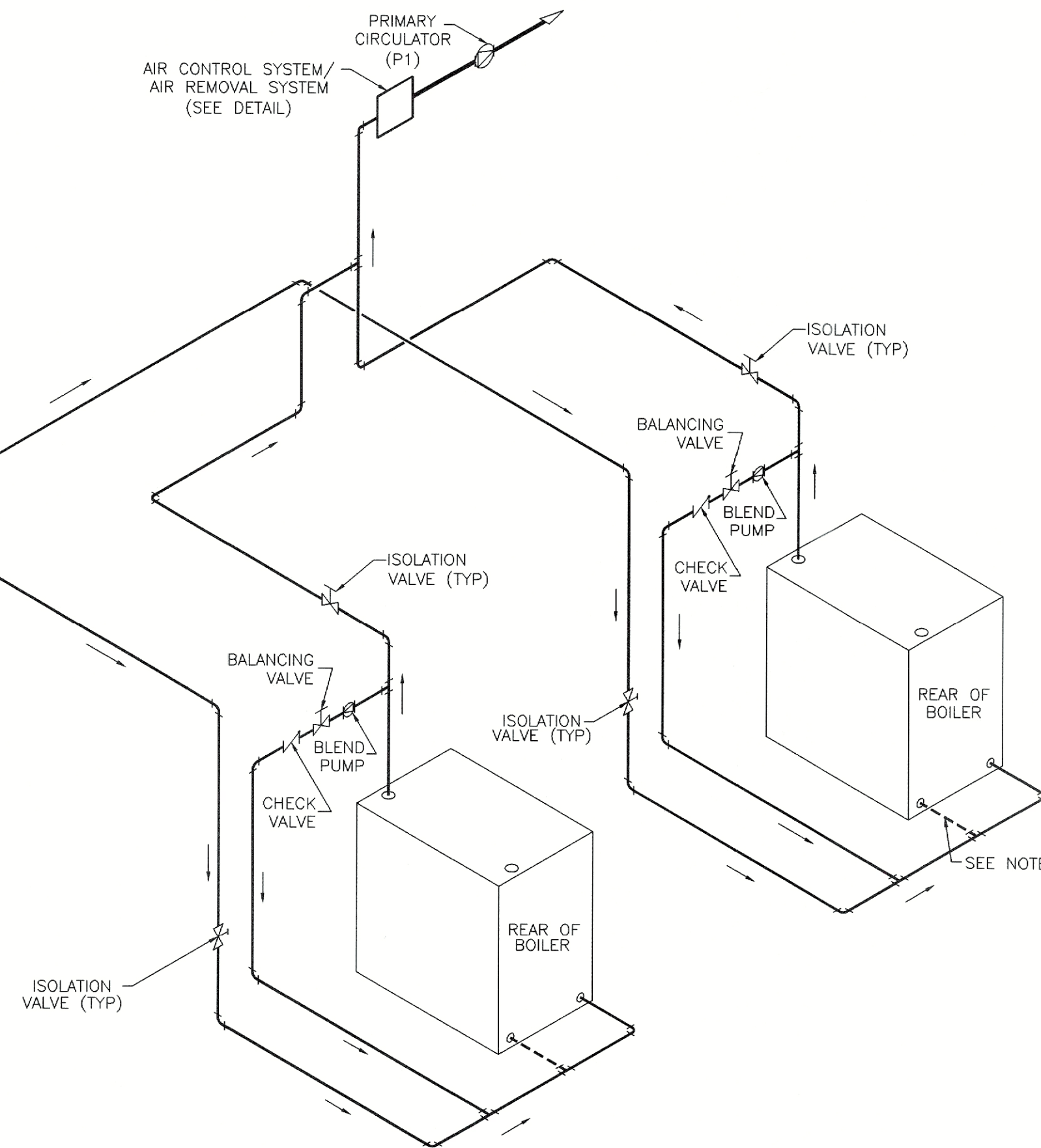


AIR CONTROL SYSTEM

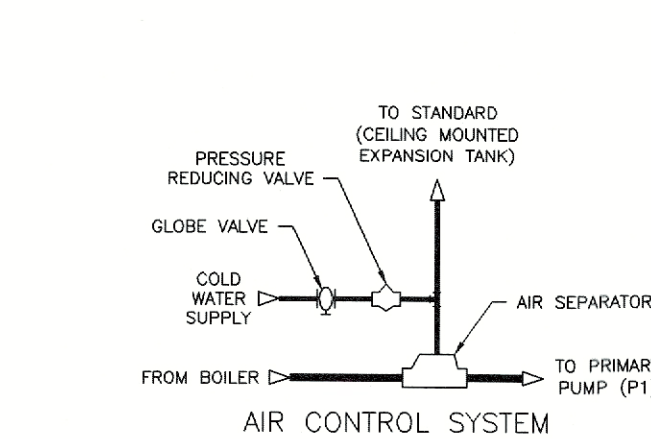


AIR REMOVAL SYSTEM W AIR SCOOP

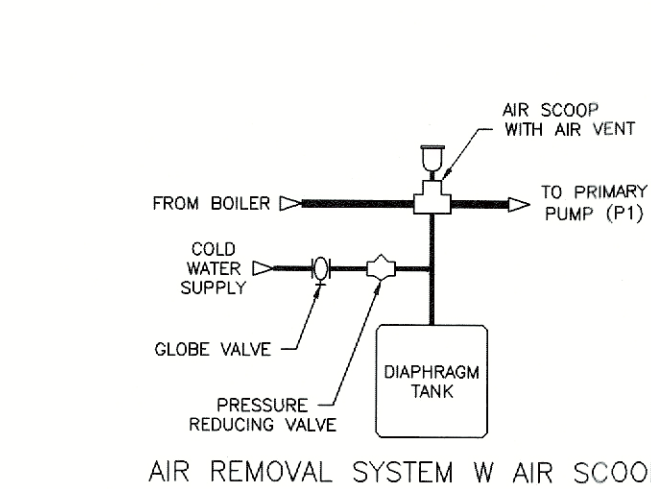
NOTE:
1. PLEASE REFER TO MINIMUM PIPING DETAIL FOR PROPER QUANTITY OF SUPPLY AND RETURN CONNECTIONS USED FOR SPECIFIC BOILER MODEL.



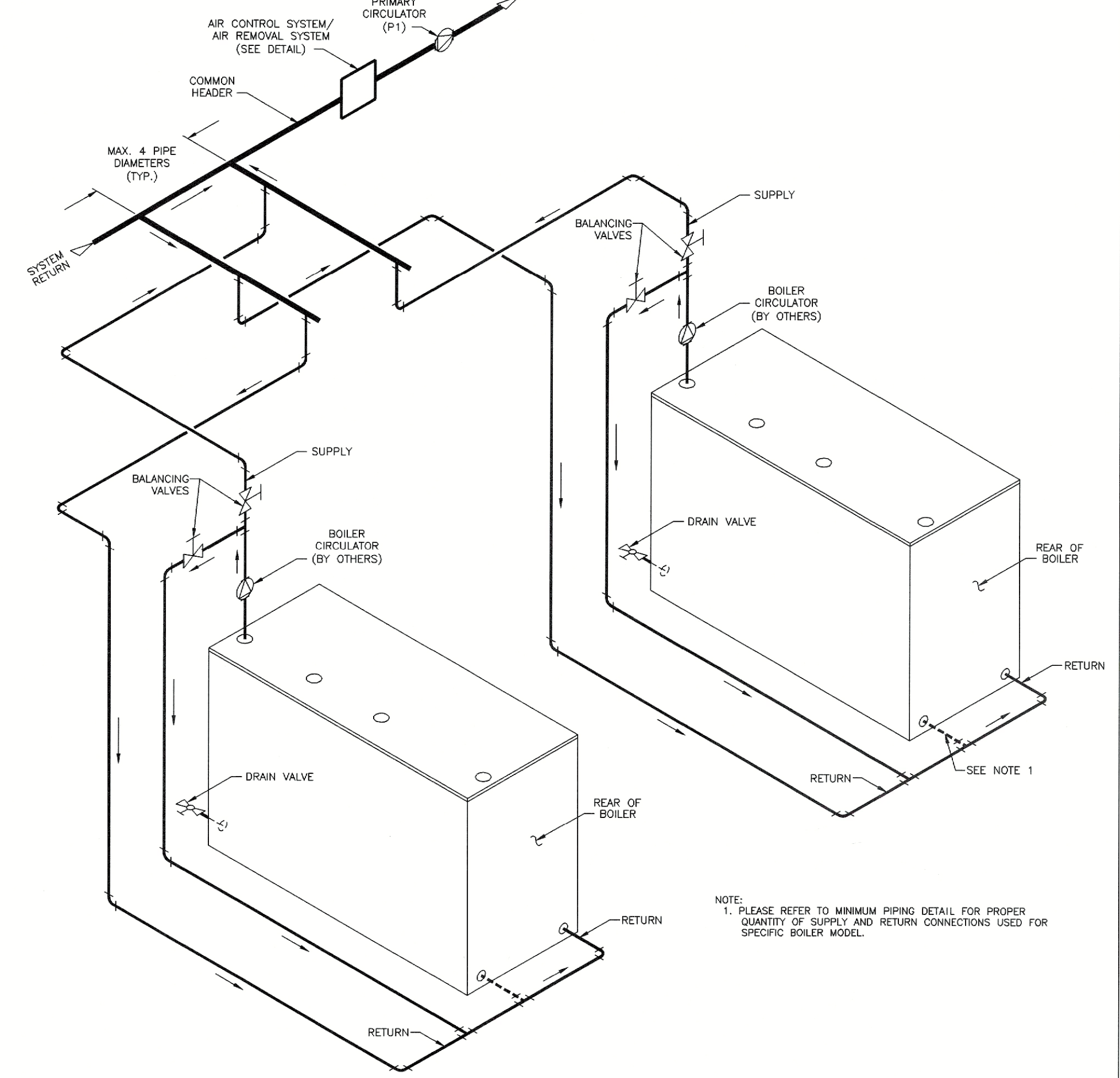
AIR REMOVAL TYPE SYSTEM W/SEPARATOR



AIR CONTROL SYSTEM



AIR REMOVAL SYSTEM W AIR SCOOP



NOTE:
1. PLEASE REFER TO MINIMUM PIPING DETAIL FOR PROPER QUANTITY OF SUPPLY AND RETURN CONNECTIONS USED FOR SPECIFIC BOILER MODEL.

MULTIPLE BOILER APPLICATION, PARALLEL PIPING W/ BLEND PUMP

N.T.S.

MULTIPLE BOILER APPLICATION, PRIMARY/SECONDARY PIPING W/ BYPASS

N.T.S.



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PORT CHESTER HOUSING AUTHORITY - BOILER REPLACEMENT
9 WEBER DRIVE, PORT CHESTER, NY 10573

Job Number: —

Job Start Date: 6/13/22

Issue:	Date:
REVIEW	6/16/22
PERMIT	7/15/22
ISSUED FOR BID	9/1/22

Drawn By: Checked By:
D.M.D. J.E.Q.

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