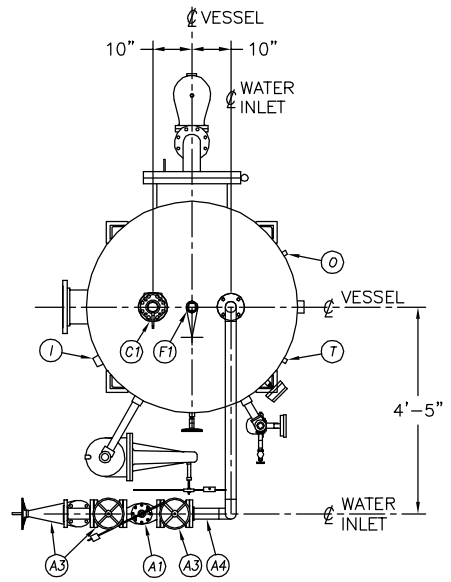
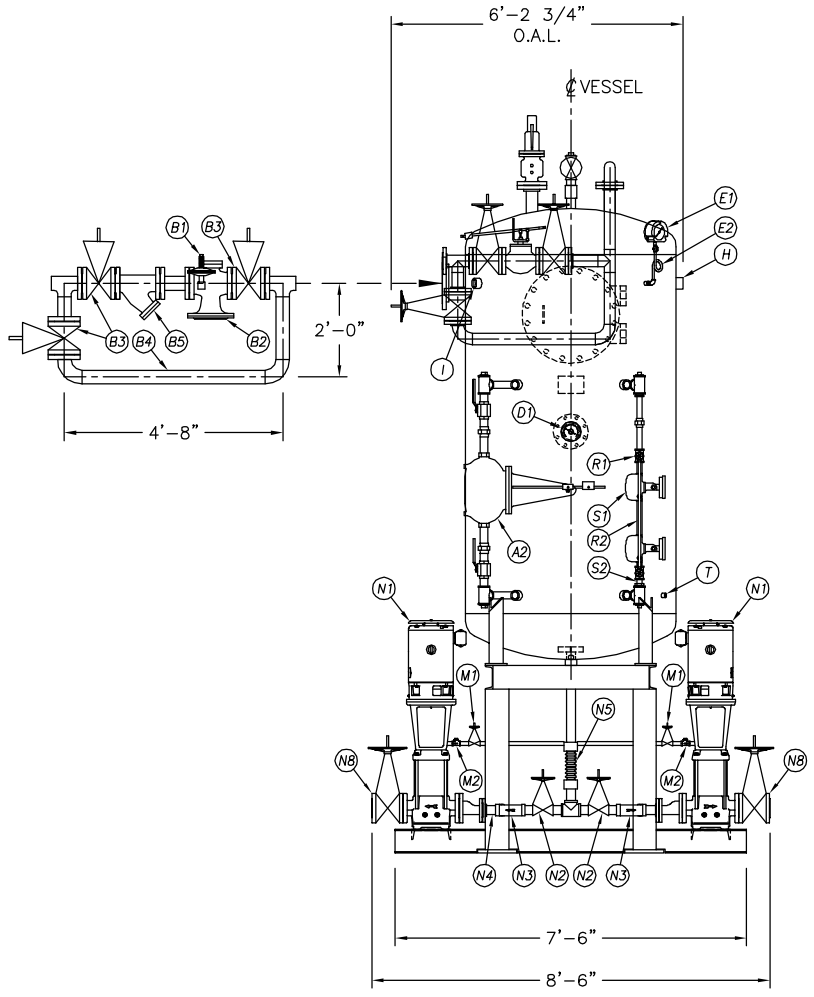
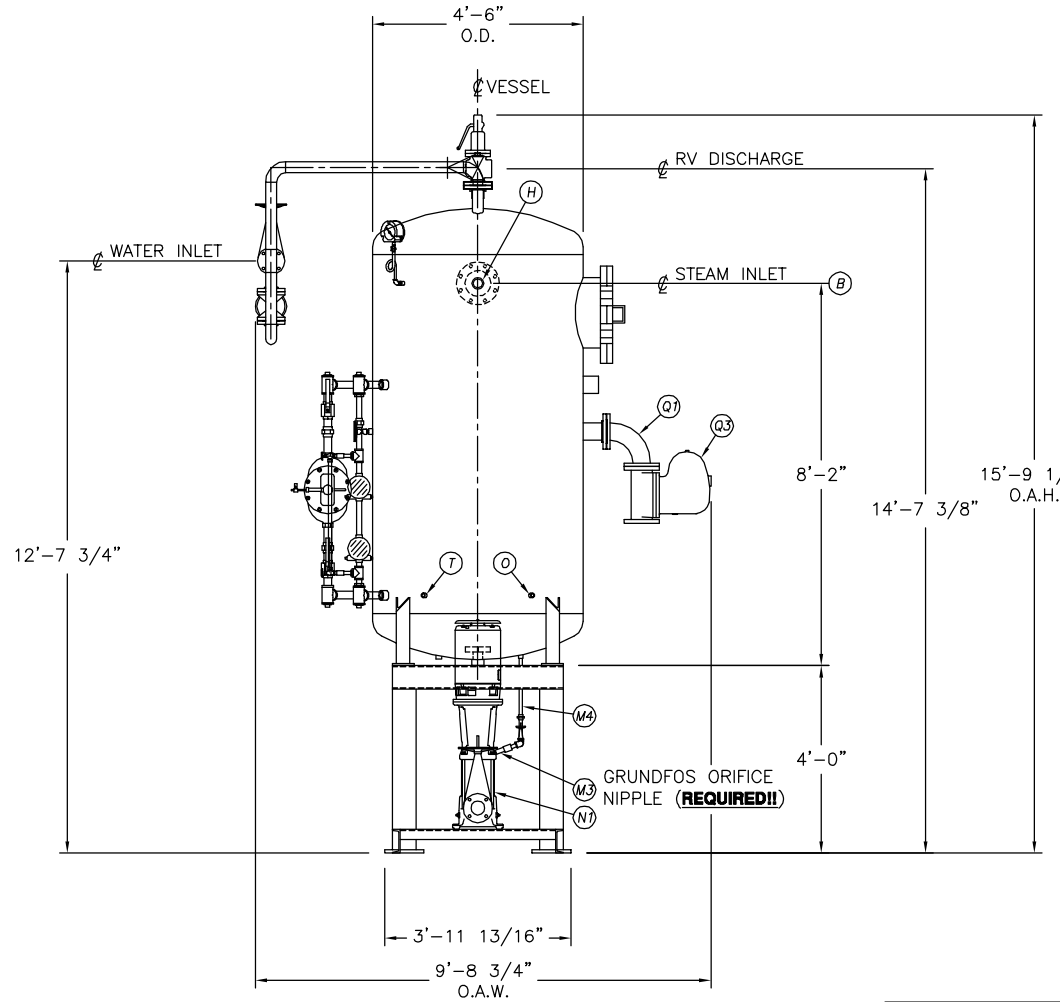


TOP VIEW



FRONT VIEW



END VIEW

A1		**INLET VALVE**		**NONE**	
A2		**CONTROLLER**		**NONE**	
A3	**3**	**BYPASS VALVES**	**2**	**NIBCO**	**T-111**
A4	**1**	**MAKE UP BY-PASS PIPING**	**2**	**KCD SHOP**	
A5		**STRAINER**		**NONE**	
B1		**STEAM PRV**		**NONE**	
B2		**STEAM CONTROLLER**		**NONE**	
B3		**BYPASS VALVES**		**NONE**	
B4		**STEAM PRV BY-PASS PIPING**		**NONE**	
B5	**1**	**STRAINER**	**3**	**MUELLER**	**752**
C1		**RELIEF VALVE**		**NONE**	
C2		**RELIEF VALVE PIPING**		**NONE**	
D1		**THERMOMETER**		**NONE**	
		THERMOWELL		**NONE**	
E1		**PRESSURE GAUGE**		**NONE**	
E2		**SIPHON & COCK**		**NONE**	
E3		**PRESSURE TRANS**		**NONE**	
F1		**VENT VALVE**		**NONE**	
F2	**1**	**ORIFICE PLATES**	**#N/A**	**#N/A**	
F3		**BYPASS VALVES**		**NONE**	
F4		**VENT PIPING**		**NONE**	
G1		**MW SPARE GASKETS**			
H1		**VACUUM BREAKER**		**NONE**	
M1		**BFP RECIRC SHUTTOFF**			
M2		**BFP RECIRC CHECK**			
M3		**BFP ORIFICE / VALVE**			
M4		**BFP PIPING**		**NONE**	
M5		**BFP PRESSURE GAUGE**			
N1	**2**	**BOILER FEED PUMPS**	**4**	**GRUNDFOS**	**CR60-50U**
N2	**2**	**ISOLATION VALVE**	**4**	**NIBCO**	**F617-0**
N3	**2**	**STRAINER**	**4**	**MUELLER**	**758**
N4	**2**	**PIPING**	**4**	**KCD SHOP**	
N5	**2**	**EXPANSION JOINT**	**4**		
N6		**BFP DISC PRESSURE GAUGE**			
N7		**BFP DISCH CHECK**			
N8		**BFP DISCH ISOLATION**			
O		**CHEMICAL FEED QUILL**		**NONE**	
P		**MW SPARE GASKETS**			
Q1		**OVERFLOW VALVE**		**NONE**	
Q2		**CONTROLLER**		**NONE**	
Q3		**OVERFLOW PIPING**		**NONE**	
R1		**LEVEL SWITCHES**		**NONE**	
R2	**1**	**LEVEL SWITCH BRIDLE PIPING**	**1 1/2**	**NIBCO**	**T-111**
S1		**GAUGE GLASS**		**NONE**	
S2	**1**	**GAUGE GLASS BRIDLE PIPING**	**1 1/2**	**NIBCO**	**T-111**
T1					
	2	**CONTROL PANEL**			
		STARTERS	**NONE**		
	1	**PUMP STAND**	**14.2**		

NOTES:

1. CUSTOMER TO FIELD ALIGN PUMPS AND MOTORS, THEN SEND KCD CERTIFICATION PAPERS.

2. GROUT STAND AS NECESSARY.

THIS DOCUMENT AND THE INFORMATION IT CONTAINS HAVE BEEN FURNISHED FOR USE BY YOUR OWN ORGANIZATION ONLY AND FOR PURPOSE CONSISTENT WITH THE TRANSACTION BETWEEN YOUR ORGANIZATION AND KANSAS CITY DEAERATOR COMPANY. NO COPIES OF OR DATA FROM THIS DOCUMENT SHALL BE FURNISHED TO ANY THIRD PARTY WITHOUT THE WRITTEN AGREEMENT OF KANSAS CITY DEAERATOR CO., OVERLAND PARK, KANSAS 66209

NO.	DATE	DESCRIPTION OF CHANGE	BY
–	–	–	–
–	–	–	–
–	–	–	–

CLIENT:

KANSAS CITY DEAERATOR CO.
6731 W. 121st STREET
OVERLAND PARK, KANSAS 66209
(913) 338–2111 FAX (913) 338–2144

JOB #	SCALE	DESIGNED	DRAWN	CHECKED	DATE	UTD
STD	NTS	MK	GENI	PC	12–15 2003	12–15 2003

TITLE: GENERAL ARRANGEMENT

MODEL: VSP–4508–060

DWG. NO.: VSP4508–060–CR45–3