



**BASEPLATE DETAIL**  
(TYP 4 PLACES)

**PUMP SUPPORT DETAIL**

A1	INLET VALVE	NONE			
A2	CONTROLLER	NONE			
A3	3 BYPASS VALVES	NIBCO	2		T-111
A4	1 MAKE UP BY-PASS PIPING	KOD SHOP	2		
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	MUELLER	3		752
C1	RELIEF VALVE	NONE			
C2	RELIEF VALVE PIPING	NONE			
D1	THERMOWELL	NONE			
E1	PRESSURE GAUGE	NONE			
E2	SIPHON & COCK	NONE			
E3	PRESSURE TRANS	NONE			
F1	VENT VALVE	NONE			
F2	1 ORIFICE PLATES	#N/A			
F3	3 BYPASS VALVES	NONE			
F4	VENT PIPING	NONE			
G1	1 MW SPARE GASKETS	NONE			
H1	VACUUM BREAKER	NONE			
M1	BFP RECIRC SHUTTOFF				
M2	BFP RECIRC CHECK				
M3	BFP ORIFICE /VALVE				
M4	BFP PIPING	NONE			
M5	BFP PRESSURE GAUGE				
M6	2 BOILER FEED PUMPS	GRUNDFOS	4		CR60-50U
N2	2 ISOLATION VALVE	NIBCO	4		FS17.0
N3	2 STRAINER	MUELLER	4		758
N4	2 PIPING	KOD SHOP	4		
N5	2 EXPANSION JOINT		4		
N6	BFP DISC PRESSURE GAUGE				
N7	BFP DISC CHECK				
N8	BFP DISCH ISOLATION				
O	CHEMICAL FEED QUILL	NONE			
P	1 MW SPARE GASKETS				
Q1	OVERFLOW VALVE	NONE			
Q2	CONTROLER	NONE			
Q3	OVERFLOW PIPING	NONE			
R1	LEVEL SWITCHES	NONE			
R2	1 LEVEL SWITCH BRIDLE PIPING	NIBCO	1 1/2		T-111
S1	1 GAUGE GLASS	NONE			
S2	1 GAUGE GLASS BRIDLE PIPING	NIBCO	1 1/2		T-111
T1					
2	CONTROL PANEL				
	STARTERS	NONE			
1	PUMP STAND		14.2		

**NOTE:**  
CUSTOMER TO FIELD ALIGN PUMPS AND MOTORS, THEN SEND KOD CERTIFICATION PAPERS.

CLIENT:						
JOB #	SCALE	DESIGNED	DRAWN	CHECKED	DATE	UTD
STD	NTS	MK	GENI	PC	6-16 2004	6-16 2004

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

**GENERAL ARRANGEMENT PACKAGE - BDSPP5510**  
MODEL: BDSPP122

DWG. NO.: **BDSPP122-5510-cr64-3**

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NO.	DATE	DESCRIPTION OF CHANGE	BY