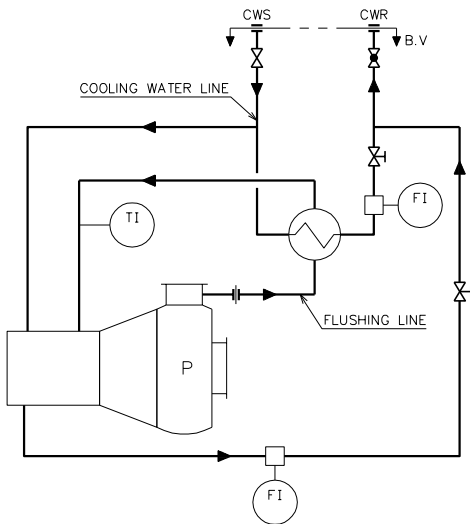
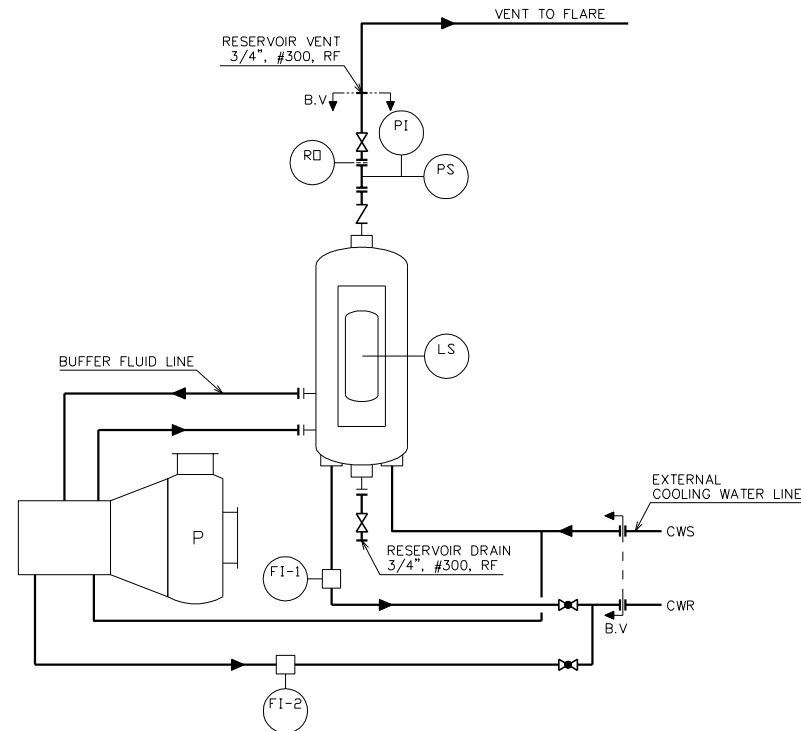


SEAL PLAN 21 + COOLING PLAN K



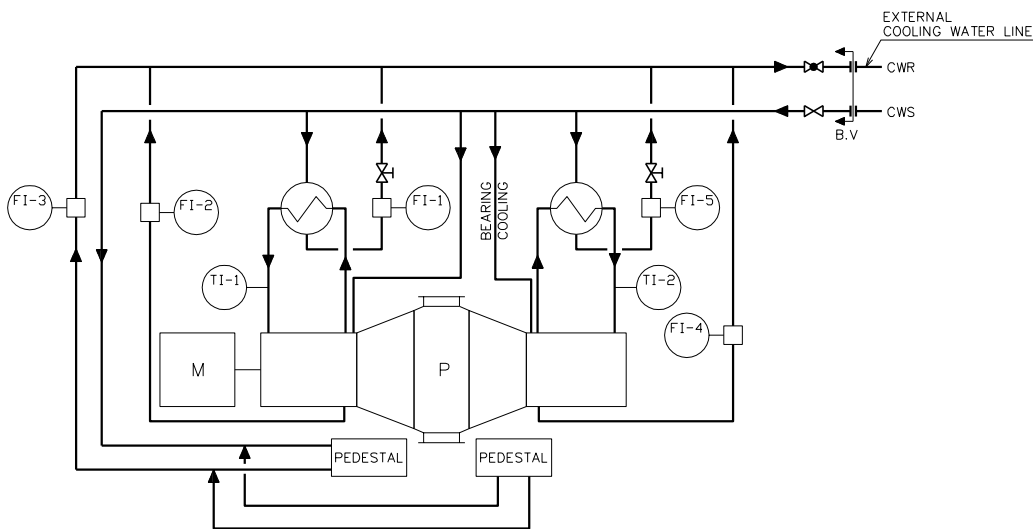
ITEM	TYPE	P&ID NO.	CWS (LINE NO)	CWR (LINE NO)	TI	FI
121-J	OH2	01-5Z	3/4CWS 17128 AAA21	3/4CWR 12503 AAA21	5801A	5801A/B
121-JA	OH2	01-5Z	3/4CWS 12504 AAA21	3/4CWR 12505 AAA21	5801B	5802A/B

SEAL PLAN 52 + COOLING PLAN K



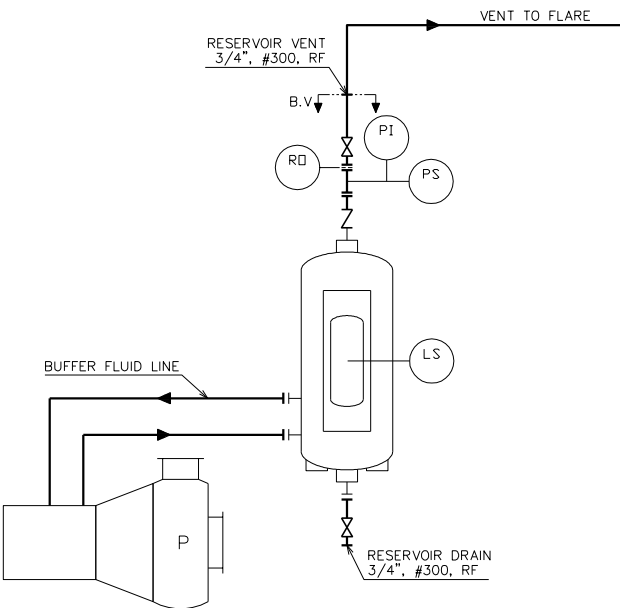
ITEM	TYPE	P&ID NO.	CWS (LINE NO)	CWR (LINE NO)	RO	PI	PS	LS	FI-1	FI-2
113-J	OH2	01-5X	3/4CWS 17127 AAA21	3/4CWR 12303 AAA21	5806A	5801A	5801A	5801A	5803A	5804A
113-JA	OH2	01-5X	3/4CWS 12304 AAA21	3/4CWR 12305 AAA21	5806B	5801B	5801B	5801B	5803B	5804B

SEAL PLAN 23 + PEDESTAL + COOLING PLAN M (BB2)



ITEM	TYPE	P&ID NO.	CWS (LINE NO)	CWR (LINE NO)	FI-1	FI-2	FI-3	FI-4	TI-1	TI-2	FI-5
104-J	BB2	01-13A	2CWS 17126 AAA21	2CWR 15101 AAA21	5221A	5222A	5223A	5224A	5221A	5222A	5225A
104-JA	BB2	01-13A	2CWS 15102 AAA21	2CWR 15103 AAA21	5221B	5222B	5223B	5224B	5221B	5222B	5222B

SEAL PLAN 52 + COOLING PLAN M



ITEM	TYPE	P&ID NO.	RO	PI	PS	LS
124-J	OH2	01-5Y	5807A	5802A	5802A	5802A
124-JA	OH2	01-5Y	5807B	5802B	5802B	5802B

REV.	DESCRIPTION	DATE
1	RE-ISSUED FOR CONSTRUCTION (AFC-3)	14/11/13
2	RE-ISSUED FOR CONSTRUCTION (AFC-2)	25/06/13
3	RE-ISSUED FOR CONSTRUCTION (AFC-1)	10/04/13
4	ISSUED FOR CONSTRUCTION (AFC)	25/11/12
5	ISSUED FOR APPROVAL (AFD-1)	29/09/12

PROJECT NAME : KALTIM-5 PROJECT
2500 MTPD AMMONIA AND 3500 MTPD UREA
BONTANG, EAST KALIMANTAN, INDONESIA

PUPUK KALTIM
PT. PUPUK KALIMANTAN TIMUR

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14/Nov/13

CONTRACTOR WORK NUMBER : 10107 / BA096300 / 11-018-01

PIPING & INSTRUMENT FLOW DIAGRAM
SEAL PLAN

SCALE DWG. NO. K5-01-E1-PD-4C-T

DOC. NO. K5-01-E1-PD-73-T SHEET 073/073 REV.4