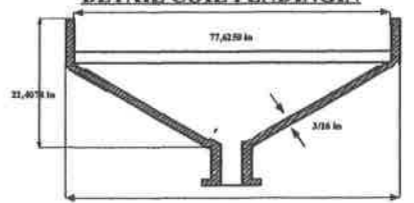
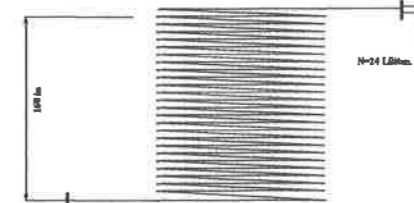
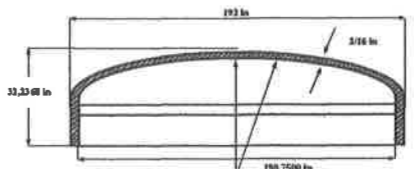
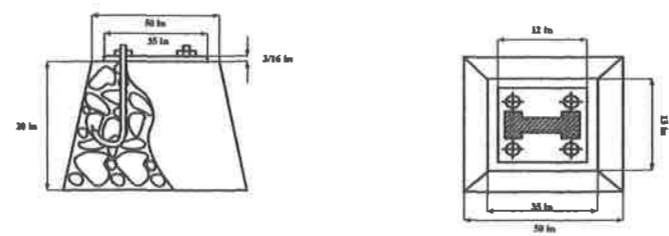


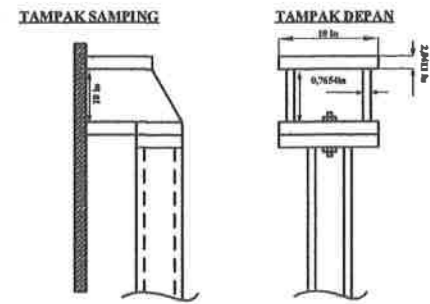
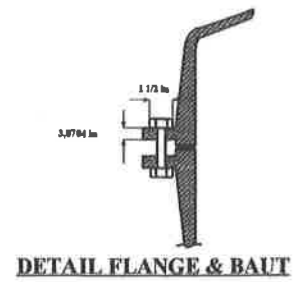
DETAIL PENGADUK



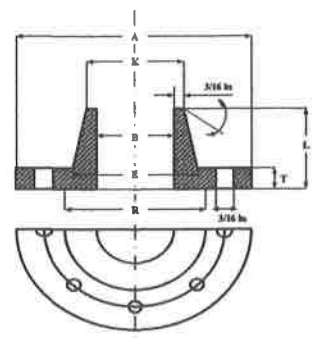
POTONGAN MEMBUJUR



DETAIL BASE PLATE



DETAIL LUG & GUSSET



NOZZLE	NPS	A	T	R	E	K	L	B
A	2	7 1/2	1 5/16	5	4 1/4	3,50	2 3/4	3,55
B	1/8	4 5/8	5/8	2 1/2	2 5/16	1,66	2 1/4	1,38
C	1/4	4 5/8	5/8	2 1/2	1 5/16	1 2/3	2 1/4	2,07
D	3/8	7/12	1 5/16	5	1 1/4	3,50	2 3/4	1,85
E	20	27 1/2	1 11/16	23	22	30	5 11/16	19,25
F	2	6	3/4	3 5/8	3 1/16	2,38	2 1/2	2,07

21	PONDASI	CEMENT, TANAH DAN KERIKIL
20	BASE PLATE	CAST IRON
19	NOZZLE PENGELUARAN PRODUK	SS SA-240 GRADE M TYPE-316
18	TUTUP BAWAH	SS SA-240 GRADE M TYPE-316
17	PENGADUK	HAS SA-240 GRADE M TYPE-316
16	PENYANGGA	HAS SA-240 GRADE M TYPE-316
15	NOZZLE AIR PENDINGIN AUT	SS SA-240 GRADE M TYPE-316
14	COIL PENDINGIN	SS SA-240 GRADE M TYPE-316
13	LUG AND GUSSET	HAS SA-240 GRADE M TYPE-316
12	FOROS PENGADUK	HOT ROLLER STEEL SAE 1020
11	SILINDER	SS SA-240 GRADE M TYPE-316
10	MANHOLE	SS SA-240 GRADE M TYPE-316
9	NOZZLE AIR PENDINGIN	SS SA-240 GRADE M TYPE-316
8	FLANGE	SS SA-240 GRADE M TYPE-316
7	GASKET	ABESTOS
6	BAUT	HAS SA-193 GRADE B8c TYPE-347
5	TUTUP ATAS	SS SA-240 GRADE M TYPE-316
4	NOZZLE PEMASUKAN CH3CO	SS SA-240 GRADE M TYPE-316
3	NOZZLE PEMASUKAN NCHO	SS SA-240 GRADE M TYPE-316
2	NOZZLE PEMASUKAN NaOH	SS SA-240 GRADE M TYPE-316
1	MOTOR PENGGERAK	COMERSIAL STEEL
No	NAMA BAGIAN	BAHAN KONSTRUKSI

JURUSAN TEKNIK KIMIA
FAKULTAS TEKNOLOGI INDUSTRI
INSTITUT TEKNOLOGI NASIONAL MALANG

PERANCANGAN ALAT UTAMA
REAKTOR

DIRANCANG OLEH :  SALOME NAWIPA 2014903	DOSEN PEMBIMBING :  MISTANAENY HUBHA, ST, MT
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