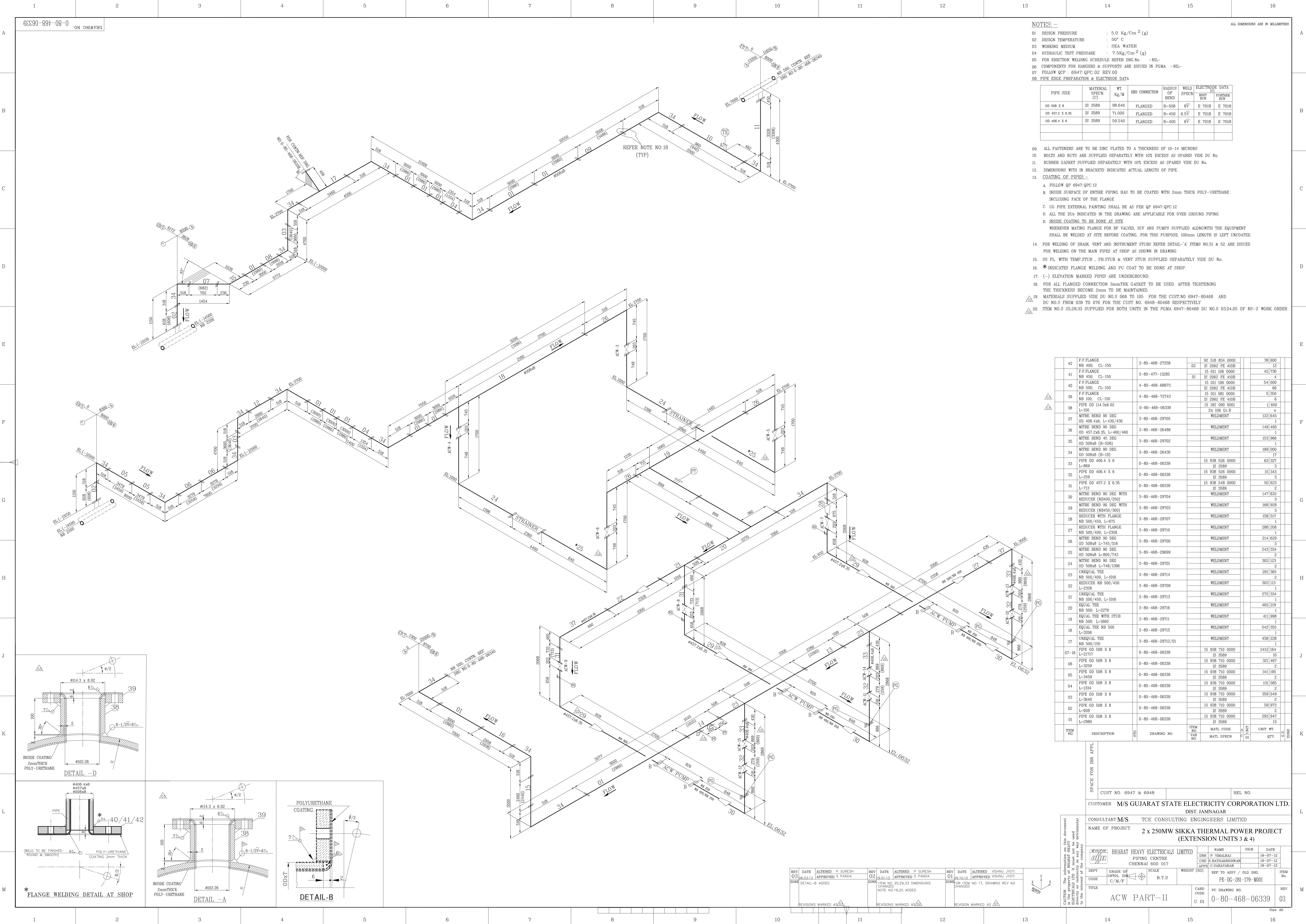




- NOTES:-
- 01 DESIGN PRESSURE : 5.0 Kg/Cm² (g)
 - 02 DESIGN TEMPERATURE : 50° C
 - 03 WORKING MEDIUM : SEA WATER
 - 04 HYDRAULIC TEST PRESSARE : 7.5Kg/Cm² (g)
 - 05 FOR ERECTION WELDING SCHEDULE REFER DRG.No -NIL-
 - 06 COMPONENTS FOR HANGERS & SUPPORTS ARE ISSUED IN PGMA -NIL-
 - 07 FOLLOW QCP - 6947-QPC.02 REV.00
 - 08 PIPE EDGE PREPARATION & ELECTRODE DATA
- | PIPE SIZE | MATERIAL SPECN (C) | WT. Kg/M | END CONNECTION | RADIUS OF BEND | WELD SPECN | ELECTRODE DATA | |
|-----------------|--------------------|----------|----------------|----------------|------------|----------------|-------------|
| | | | | | | ROOT RUN | FURTHER RUN |
| OD 508 X 8 | IS 3559 | 98.640 | FLANGED | R=508 | 8V | E 7018 | E 7018 |
| OD 457.2 X 6.35 | IS 3559 | 71.000 | FLANGED | R=450 | 6.5V | E 7018 | E 7018 |
| OD 406.4 X 6 | IS 3559 | 59.240 | FLANGED | R=400 | 6V | E 7018 | E 7018 |
- 09. ALL FASTENERS ARE TO BE ZINC PLATED TO A THICKNESS OF 10-14 MICRONS.
 - 10. BOLTS AND NUTS ARE SUPPLIED SEPARATELY WITH 10% EXCESS AS SPARES VIDE DU No.
 - 11. RUBBER GASKET SUPPLIED SEPARATELY WITH 10% EXCESS AS SPARES VIDE DU No.
 - 12. DIMENSIONS WITH IN BRACKETS INDICATES ACTUAL LENGTH OF PIPE.
 - 13. COATING OF PIPES:-
 - A. FOLLOW QP 6947-QPC.12
 - B. INSIDE SURFACE OF ENTIRE PIPING HAS TO BE COATED WITH 2mm THICK POLY-URETHANE INCLUDING FACE OF THE FLANGE
 - C. UG PIPE EXTERNAL PAINTING SHALL BE AS PER QP 6947-QPC.12
 - D. ALL THE DUGS INDICATED IN THE DRAWING ARE APPLICABLE FOR OVER GROUND PIPING
 - E. INSIDE COATING TO BE DONE AT SITE
 - 14. FOR WELDING OF DRAIN, VENT AND INSTRUMENT STUBS REFER DETAIL-'A' ITEMS NO.51 & 52 ARE ISSUED FOR WELDING ON THE MAIN PIPES AT SHOP AS SHOWN IN DRAWING
 - 15. SS FL. WITH TEMP.STUB , PR.STUB & VENT STUB SUPPLIED SEPARATELY VIDE DU No.
 - 16. *INDICATES FLANGE WELDING AND PU COAT TO BE DONE AT SHOP.
 - 17. (-) ELEVATION MARKED PIPES ARE UNDERGROUND.
 - 18. FOR ALL FLANGED CONNECTION 3mmTHK CASNET TO BE USED. AFTER TIGHTENING THE THICKNESS BECOME 2mm TO BE MAINTAINED
 - 19. MATERIALS SUPPLIED VIDE DU NO.S 068 TO 105 FOR THE CUST.NO 6947-80468 AND DU NO.S FROM 038 TO 076 FOR THE CUST NO. 6948-80468 RESPECTIVELY
 - 20. ITEM NO.S 25,29,33 SUPPLIED FOR BOTH UNITS IN THE PGMA 6947-80468 DU NO.S 03,04,05 OF NS-2 WORK ORDER

42	F.F.FLANGE	NB 400, CL-150	3-80-468-27258	02	IS 2062 FE 410B	12
41	F.F.FLANGE	NB 450, CL-150	3-80-477-13285	01	IS 2062 FE 410B	42/730
40	F.F.FLANGE	NB 500, CL-150	4-80-468-68673	15	011 106 0000	54/1000
39	F.F.FLANGE	NB 100, CL-150	4-80-468-72743	15	011 081 0000	5/350
38	PIPE OD 114.3x6.02	L=100	0-80-468-06339	15	182 090 0001	11/600
37	MITRE BEND 90 DEG	OD 406.4x6, L=430/430	3-80-468-29705		SA 106 Gt B	122/645
36	MITRE BEND 90 DEG	OD 457.2x6.35, L=460/460	3-80-468-26498		WELDMENT	149/1460
35	MITRE BEND 45 DEG	OD 508x8 (R=508)	3-80-468-29702		WELDMENT	153/966
34	MITRE BEND 90 DEG	OD 508x8 (R=10)	3-80-468-26430		WELDMENT	189/1000
33	PIPE OD 406.4 X 6	L=869	0-80-468-06339	15	938 526 0000	63/327
32	PIPE OD 406.4 X 6	L=259	0-80-468-06339	15	938 526 0000	15/343
31	PIPE OD 457.2 X 6.35	L=713	0-80-468-06339	15	938 548 0000	50/623
30	MITRE BEND 90 DEG WITH REDUCER (NB400/250)		3-80-468-29704		WELDMENT	147/833
29	MITRE BEND 90 DEG WITH REDUCER (NB450/300)		3-80-468-29703		WELDMENT	168/938
28	REDUCER WITH FLANGE	NB 500/450, L=675	3-80-468-29707		WELDMENT	158/517
27	REDUCER WITH FLANGE	NB 500/400, L=2358	3-80-468-29710		WELDMENT	288/208
26	MITRE BEND 90 DEG	OD 508x8 L=745/518	3-80-468-29700		WELDMENT	214/629
25	MITRE BEND 90 DEG	OD 508x8 L=800/743	3-80-468-29699		WELDMENT	243/334
24	MITRE BEND 90 DEG	OD 508x8 L=748/1396	3-80-468-29701		WELDMENT	302/123
23	UNQUAL TEE	NB 500/400, L=1016	3-80-468-29714		WELDMENT	261/365
22	REDUCER NB 500/450	L=2328	3-80-468-29709		WELDMENT	303/113
21	UNQUAL TEE	NB 500/450, L=1016	3-80-468-29713		WELDMENT	272/334
20	NB 500, L=2270		3-80-468-29716		WELDMENT	465/219
19	EQUAL TEE WITH STUB	NB 500, L=1660	3-80-468-29711		WELDMENT	411/998
18	EQUAL TEE NB 500		3-80-468-29715		WELDMENT	542/355
17	UNQUAL TEE	NB 500/150	3-80-468-29712/01		WELDMENT	458/228
07-16	PIPE OD 508 X 8	L=2777	0-80-468-06339	15	938 710 0000	342/164
06	PIPE OD 508 X 8	L=3259	0-80-468-06339	15	938 710 0000	321/1467
05	PIPE OD 508 X 8	L=3459	0-80-468-06339	15	938 710 0000	341/195
04	PIPE OD 508 X 8	L=1334	0-80-468-06339	15	938 710 0000	131/585
03	PIPE OD 508 X 8	L=3640	0-80-468-06339	15	938 710 0000	359/049
02	PIPE OD 508 X 8	L=608	0-80-468-06339	15	938 710 0000	59/973
01	PIPE OD 508 X 8	L=2980	0-80-468-06339	15	938 710 0000	293/947

SPACE FOR IER APPL	CUST NO. 6947 & 6948	REL NO.
CUSTOMER M/S GUJARAT STATE ELECTRICITY CORPORATION LTD.		
DIST. JAMNAGAR		
CONSULTANT M/S TCE CONSULTING ENGINEERS LIMITED		
NAME OF PROJECT 2 x 250MW SIKKA THERMAL POWER PROJECT (EXTENSION UNITS 3 & 4)		
BHARAT HEAVY ELECTRICALS LIMITED		
DEPT	GRADE OR	SCALE
CODE	C/M/P	N.T.S
TITLE	ACW PART-II	REV
PC DRAWING NO.	0-80-468-06339	03