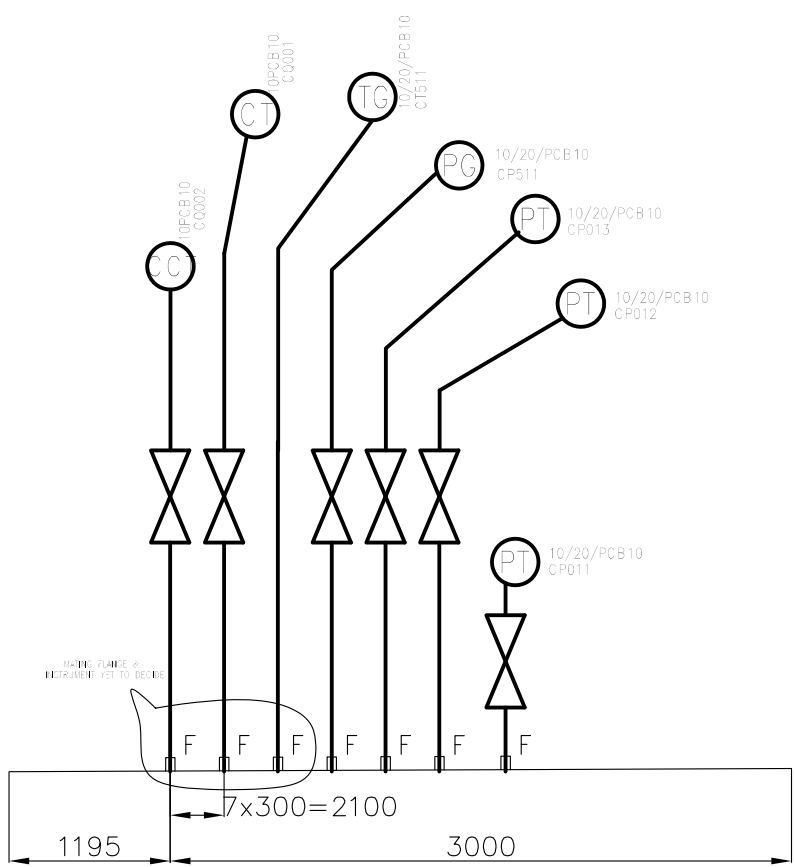


1-80-468-22052

DRAWING No.

DETAIL-A



- 10 FOR ERECTION,THIS DRAWING IS TO BE READ ALONG WITH PEM-DRAWING NO:
PE-DG-412-165-M001 GENERAL ARRANGEMENT OF CW SUPPLY AND RETURN PIPING &
PE-DG-412-165-M002 LAYOUT OF CW & ACW PIPING.
- 11 REFER DRG NO-4-80-468-81178 FOR PRODUCTION.
- 12 REFER DRG NO-4-80-468-81177 FOR SHOP COATING DETAIL NEAR BEVEL END
- 13 INDICATES FLANGED CONNECTION.

NOTES: -

01 DESIGN PRESSURE : 8 Kg./Cm.²(g)

02 DESIGN TEMPERATURE : 60° C

03 WORKING MEDIUM : COOLING WATER

04 HYDRO TEST PRESSURE : 12 Kg./Cm.²(g)

05 FOR ERECTION WELDING SCHEDULE REFER DRG No. 4-80-468-81667

06 PAINTING/COATING SHALL BE AS PER APPROVED PAINTING SCHEDULE & QP.

07 PIPE EDGE PREPARATION & ELECTRODE DETAILS ARE AS FOLLOWS UNLESS OTHERWISE INDICATED

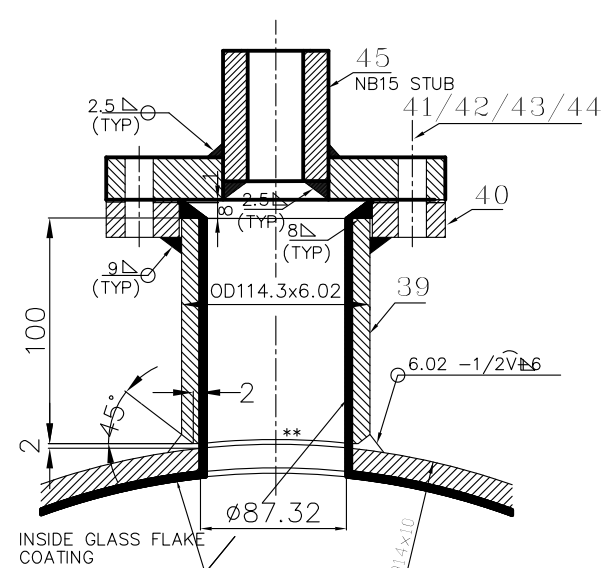
PIPE SIZE ODxT	MATERIAL SPECN.	WT. Kg/M	EP AS PER 4-80-468-81178 STY	RADIUS OF BEND R=	WELD SPECN.	ELECTRODE ROOT RUN	SPECN. FURTHER RUN
OD914X10	IS3589-410MPA	222.989	D	894	R=0.750	10 V	E7018

08 INDICATES 2mm SITE WELD GAP

09 GLASS FLAKE COATING SHALL BE CARRIED OUT AFTER WELDING THE STUBS
AND ATTACHMENT WHEREVER APPLICABLE.

51	PIPE OD914X10 L=6000 MM GLASS FLAKE COATING (UG)	1-80-468-22052	15 938 583 0000 IS 3589-410MPA	1352 400					
50	RUBBER GASKET NB800	1-80-468-22052	----	103					
49	NUT M36 (SS)	1-80-468-22052	SS	0 500					
48	BOLT M36 X 180 (SS)	1-80-468-22052	SS	29					
47	PIPE OD813X10 L=2740MM GF COATING (OG)	3-80-468-34002	18 WELDMENT	0 500					
46	90DEG MITRE BEND NB900 OG	3-80-468-34109	15 211 098 0000 IS 2062 FE 410A	812					
45	BRANCH PIPE OD21.3X2.77 L=5M	1-80-468-22052	15 455 004 6000 SA790 S32205	1 000					
44	RUBBER GASKET NB100	1-80-468-22052	----	812					
43	NUT M16 (SS)	1-80-468-22052	SS	734 474					
42	BOLT M16 X80 (SS)	1-80-468-22052	SS	1					
41	BLANK FLANGE NB100 CL150 FOR PRESSURE STUB (DSS)	4-80-468-81463	SA815 S32205	292 491					
40	FLAT FACED FLANGE NB100 CL150 CS	4-80-468-81450	15 011 081 0000 IS 2062 E250B	2					
39	BRANCH PIPE OD114.3x6.02 L=100	1-80-468-22052	15 082 490 0000 SA106GRB	6 330					
38	TORI SPHERICAL DISHED END OD914X10 GF COAT(UG)	4-80-468-81690	15 211 098 0000 IS 2062 FE 410A	1					
37	PF RED OD914X813 WITH FLANGES GF COATING (UG)	3-80-468-34003	----	329 807					
36	PIPE OD813X10 L=695MM GF COATING (OG)	3-80-468-34002	06 WELDMENT	1					
35	PIPE OD813X10 L=1373MM GF COATING (OG)	3-80-468-34002	05 WELDMENT	463 964					
34	PIPE OD813X10 L=XXXXMM GF COATING (UG)	3-80-468-34002	WELDMENT	695 250					
33	PIPE OD813X10 L=XXXXMM GF COATING (UG)	3-80-468-34002	WELDMENT	1					
32	PIPE OD813X10 L=1823MM GF COATING (UG)	3-80-468-34002	04 WELDMENT	695 250					
31	PIPE OD813X10 L=1330MM GF COATING (OG)	3-80-468-34002	03 WELDMENT	1063 910					
30	PIPE OD813X10 L=2771MM GF COATING (OG)	3-80-468-34002	02 WELDMENT	1					
29	PIPE OD813X10 L=4000MM GF COATING (OG)	3-80-468-34002	01 WELDMENT	455 486					
28	90DEG MITRE BEND NB800 WITH FLANGES GF COAT(OG)	3-80-468-34000	WELDMENT	740 597					
27	UNEQT OD914X457 WITH FLANGE GF COAT (UG)	3-80-468-33999	WELDMENT	983 869					
26	UNEQT OD914X813 WITH FLANGE GF COAT (UG)	3-80-468-33998	WELDMENT	7					
25	45DEG MITRE BEND NB900 BF COAT (UG)	3-80-468-33997	15 211 098 0000 IS 2062 FE 410A	392 136					
24	90DEG MITRE BEND NB900 GF COAT (UG)	3-80-468-33996	15 211 098 0000 IS 2062 FE 410A	8					
23	PIPE OD914X10 L=6000 MM GLASS FLAKE COAT (UG)	1-80-468-22052	15 938 583 0000 IS 3589-410MPA	695 250					
14-22	PIPE OD914X10 L=19.031 M GLASS FLAKE COATING (UG)	1-80-468-22052	15 938 583 0000 IS 3589-410MPA	3					
12-13	PIPE OD914X10 L=7.994M GLASS FLAKE COATING (OG)	1-80-468-22052	15 938 583 0000 IS 3589-410MPA	168 461					
01-11	PIPE OD914X10 L=25.252M GLASS FLAKE COATING (UG)	1-80-468-22052	15 938 583 0000 IS 3589-410MPA	6					
D.U. NO.	ITEM NO.	DESCRIPTION	STD	DRAWING NO.	ITEM NO. VAR. NO.	MATL. CODE MATL. SPECN	A C UNIT DI	UNIT WT. QTY.	ZONE

DETAIL-F (PR. STUB)



** BRANCH PIPE SHALL BE CUT TO SUIT THE OUTER
SURFACE OF THE MAIN PIPE SUCH THAT A UNIFORM
GAP OF 2mm IS MAINTAINED THROUGHOUT

HOLD ELE.NOT
AVAILABLE

HOLD ELE.NOT
AVAILABLE

HOLD ELE.NOT
AVAILABLE

REV 01
DATE
ZONED

DATE
ALTERED
APPROVED

X

Y

Z

NORTH

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way detrimental to the interest of
the company.

DEPT ENG. CODE	GRADE OF UNTL. DIM C/M/F	SCALE N.T.S	WEIGHT (KG) ---	REFER DRG No.	ITEM No.
DRN BABU	SIGN -Sd-	DATE 27.10.17	NO.OF VAR.		
CHD P.SURESH	SIGN -Sd-	DATE 27.10.17			
APPD SESHAGIRI	SIGN -Sd-	DATE 27.10.17			
TITLE ACW PIPING FROM PUMP HOUSE TO A-ROW FOR UNIT 1	CARD CODE U 01	PC DRAWING NO. 1-80-468-22052	REV 00		