



- NOTES :-
1. DIMENSIONS TO BE CHECKED AND VERIFIED PRIOR TO WELDING.
  2. BELOW GROUND COATING SYSTEM TO EXTEND 300mm INSIDE PIT.
  3. ALL PIPEWORK WITHIN PIT AND ABOVE TO BE PAINTED FOR ABOVE GROUND PIPE.
  4. DIMENSIONS OF WELD END VALVES INCLUDE 1 x D. PUP PIECES.
  5. VALVE NO. 7 TO HAVE ACTUATOR CABINET/ STEM EXTENSION LOCATED 1000mm ABOVE OPEN WEB GRATING
  6. ALL MATERIALS TO BE IN ACCORDANCE WITH TECHNICAL SPECIFICATIONS VOL 2.
  7. NO RESPONSIBILITY IS ACCEPTED BY THE EMPLOYER OR ENGINEER AS TO THE ACCURACY OF THE ABOVE MATERIALS SCHEDULE WHICH IS GIVEN FOR GUIDANCE ONLY. THE CONTRACTOR SHALL PREPARE HIS OWN MATERIALS. SCHEDULE FOR PREPARATION OF ORDERS AND MAKE PROVISION FOR SPARES.

MATERIALS SCHEDULE – VALVE STATIONS			QUANTITY PER VALVE STN
ITEM	DESCRIPTION	UNIT	
1	LINEPIPE- 762mm OD . API 5L x 52 17. 5mm Wt	M	12
2	i) Below Ground Coated ii) Above Ground Coated	M	6
3	LINEPIPE- API 5L GRB	M	12
4	i) 323. 8mm OD. x 12. 7mm Wt	M	12
5	ii) 219. 1mm OD. x 12.7mm Wt iii) 60. 3mm OD. x 5.54mm Wt	M	12
6	INDUCTION BEND 8D RADIUS 30°API 5L X 52 & 762 mm OD X 17.5mm Wt.	EA	1
7	BALL VALVE i) 762mm CLASS 600 W/W ENDS. C/W LINE BREAK, LOCAL CONTROL, ACTUATOR AND STEM/ ACTUATOR DIMANTION TO ABOVE GRADE	EA	1
8	ii) 323mm CLASS 600 W/W ENDS. GEAR OP.	EA	1
9	iii) 323mm. CLASS 600 F/F ENDS. GEAR OP.	EA	1
10	iv) 219. 1mm CLASS 600 W/W ENDS. GEAR OP.	EA	2
11			
12	vi) 168.3mm CLASS 600 F/F ENDS. GEAR OP.	EA	1
13	vii) 60 . 3mm CLASS 600 W/W ENDS. LEVER OP.	EA	1
14	viii) 60. 3mm CLASS 600 F/F ENDS. LEVER OP.	EA	1
15	ix) 25mm CLASS 600 SCREWED-NPT. FEMALE LEVER OP.	EA	1
16			
17	GLOBE VALVE. 219.1mm CLASS 600 F/F ENDS. H/W OP.	EA	1
18	TEE REDUCING. i) 762X 219.1mm OD. W.T. ON RUN 19.05mm. WT ON BRANCH 12.7mm	EA	2
19	ii) 762X 762X 323.8mm OD. W.T. ON RUN 19.05mm. WT ON BRANCH 12. 7mm	EA	1
20	iii) 323. 8x 323. 8x 168.3mm oD. SCH 80	EA	1
21	TEE EQUAL. 219. 1x 219. 1x 219.1mm SCH 80	EA	2
22	ELBOW. L. R. 90° 219.1mm SCH 80	EA	4
23	ELBOW. L. R. 90° 60. 3mm SCH 80	EA	2
24	FLANGE WNRF. CLASS 600 i) 323.8mm SCH 80	EA	1
25	ii) 219.1mm X STG	EA	2
26	iii) 168.3mm X STG	EA	1
27	iv) 60.3mm X STG	EA	1
28	FLANGE BLIND RF CLASS 600 i) 323.8mm	EA	1
29			
30	iii) 168. 3mm	EA	1
31	iv) 60. 3mm DRILLED AND TAPPED 25MM NPT IN CENTRE	EA	1
32	GASKETS- SPIRAL WOUND WITH CENTERING RING CLASS 600 i) 323. 8mm ii) 219. 1mm iii) 168. 3mm iv) 60. 3mm	EA	2
33		EA	2
34		EA	2
35		EA	2
36	STUD BOLTS C/W 2 NUTS. CLASS 600 i) M33 X 220mm	EA	40
37	ii) M30 X 195mm	EA	21
38	iii) M27 X 170mm	EA	24
39	iv) M18 x 105mm	EA	16
40	NIPOLET- NPT. MALE CLASS 3000 25 mm	EA	4
41	HINGED CLOSURE (VERTICAL)- SPRING LOADED CLASS 600. TO MATCH 219.1mm OD PIPE	EA	2
42	PLUG-NPT. HEX HEAD CLASS 3000 25mm	EA	5
43	PRESSURE GAUGE ASSEMBLY REFER INSTRUMENT DATA SHEET.	EA	2
44	WELDOLET-762mm RUN 60mm OUTLET X STG.	EA	1
45	LSOLATING COUPLING 25mm CLASS 600 SCREWED NPT. MALE/FEMALE	EA	1
46	REDUCING BUSH- HEX. HEAD CLASS 3000 25mm ONE END. OTHER END TO SUIT TEG REGULATOR INLET.	EA	1

A2	Rev	Issue	By	Date	Rev	Amendments	By	Chkd.	Aprvd.	Date	Drawing No.	Related Drawings	Scale:	N.T.S.	VALVE STATION PIPING DETAILS	
													Drawn:			
													Date:			
													Checked:			
													Date:			
Sheet Size													Approved:		Drp. No. GTC/RA(PM)/10.81/11	Rev. 0