



CONT'D ON FIREWATER MANIFOLD
E=10697
N=644957
EL=+11439

FABRICATION – BILL OF MATERIALS

PT.NO	SIZE	DESCRIPTION	QTY
1	4	PIPE, CS A106 SML, GRD B, STD WT	10.6
2	4	ELBDW, 90 DEG, CS A234 WPB, STD WT, LR, BW	5
3	4	ELBDW, 45 DEG, CS A234 WPB, STD WT, LR, BW	3
4	4	FLANGE, FRG CS A105N, 150LB, WN, RF, STD WT	8

ERECTION – BILL OF MATERIALS

PT.NO	SIZE	DESCRIPTION	QTY
5	4	GASKET, 1.6mm THK, 150LB, COMPRESSED NON-ASBESTOS FIBRE TO BS 7531, TYPE KLINGERSIL C4430	5
6	5/8"xL90	5/8" STUD x 90mm LG ASTM A193 B7 (NUTS - ASTM A194 2H) HOT DIPPED GALV	40
7	4	GATE VALVE, CAST ST A216 WCB, 150LB, FL, HDWL OP	1
8	4	PIPE SHOE	2

WELD LIST

No.	SIZE	TYPE	SPOOL	WELD ID
1	4"	BW		
2	4"	BW		
3	4"	BW		
4	4"	BW		
5	4"	BW		
6	4"	BW		
7	4"	BW		
8	4"	BW		
9	4"	BW		
10	4"	BW		
11	4"	BW		
12	4"	BW		
13	4"	FW		
14	4"	BW		
15	4"	BW		
16	4"	BW		
17	4"	BW		
18	4"	BW		
19	4"	BW		
20	4"	BW		
21	4"	BW		
22	4"	BW		
23	4"	FW		
24	4"	BW		

CUT LIST

CUT NO.	SIZE	LENGTH	END ONE	END TWO
A	4"	98	BEVEL	BEVEL
B	4"	96	BEVEL	BEVEL
C	4"	173	BEVEL	BEVEL
D	4"	212	BEVEL	BEVEL
E	4"	261	BEVEL	BEVEL
F	4"	3439	BEVEL	BEVEL
G	4"	326	BEVEL	BEVEL
H	4"	342	BEVEL	BEVEL
I	4"	621	BEVEL	BEVEL
J	4"	4953	BEVEL	BEVEL

[1] DENOTES PIPE SPOOL NO
[2] DENOTES PARTS LIST NO

SHOP WELD FIELD WELD SOCKET WELD SCREWED JOINT COMPN JOINT PIPE SUPPORT LAGGED PIPE TRACED PIPE