



# FABRICATION - BILL OF MATERIALS

PT.NO	SIZE	DESCRIPTION	QTY
1	4	PIPE, CS A106 SML, GRD B, STD WT	17.2
2	4	ELBOW, 90 DEG, CS A234 WPB, STD WT, LR, BW	5
3	4	FLANGE, FRG CS A105N, 150LB, WN, RF, STD WT	6

# ERECTION - BILL OF MATERIALS

PT.NO	SIZE	DESCRIPTION	QTY
4	4	GASKET, 1.6mm THK, 150LB, COMPRESSED NON-ASBESTOS FIBRE TO BS 7531, TYPE KLINGERSIL C4430	3
5	5/8"xL90	5/8" STUD x 90mm LG ASTM A193 B7 (NUTS - ASTM A194 2H) HOT DIPPED GALV	24
6	4	PIPE SHOE	4

## WELD LIST

No.	SIZE	TYPE	SPOOL	WELD ID
1	4"	BW		
2	4"	FW		
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"	BW		
14	4"	BW		
15	4"	FW		
16	4"	FW		
17	4"	BW		
18	4"	BW		
19	4"	FW		
20	4"	BW		

## CUT LIST

CUT NO.	SIZE	LENGTH	END ONE	END TWO
A	4"	2928	BEVEL	BEVEL
B	4"	681	BEVEL	BEVEL
C	4"	1147	BEVEL	BEVEL
D	4"	1064	BEVEL	BEVEL
E	4"	391	BEVEL	BEVEL
F	4"	218	BEVEL	BEVEL
G	4"	4900	BEVEL	BEVEL
H	4"	5850	BEVEL	BEVEL

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

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