



MATERIAL LIST - FABRICATION				
PT.NO	SIZE	DESCRIPTION	QTY	WEIGHT (KG)
1	4	PIPE, SMLS CS SCH.40 ASTM A108 B	23.5 M	376.7
2	1	PIPE, SMLS CS SCH.80 ASTM A108 B	1.2 M	3.9
3	4X1	WELD-O-LET, BW, ASME B16.11 SCH.80 ASTM A105	1	0.2
4	4	90 DEG. LONG RADIUS ELBOW, BW, ASME B16.9 SCH.40 ASTM A234	2	7.8
5	1	90 DEG. LONG RADIUS ELBOW, BW, ASME B16.9 SCH.80 ASTM A234	1	0.2
6	4	FLANGE, WN, RF, 150 LB. ASME B16.5 ASTM A105	4	27.2
7	1	FLANGE, WN, RF, 150 LB. ASME B16.5 ASTM A105	3	3.4
8	4	PIPE SHOE PS101	4	11.6
9	4	GUIDED PIPE SHOE PS102	1	3.1

MATERIAL LIST - ERECTION				
PT.NO	SIZE	DESCRIPTION	QTY	WEIGHT (KG)
10	4	GASKET, 1.6mm, 150 LB. COMPRESSED NON ASBESTOS FIBRE BS 7531	2	2.0
11	1	GASKET, 1.6mm, 150 LB. COMPRESSED NON ASBESTOS FIBRE BS 7531	3	3.0
12	5/8	(8) BOLT SET, 150LB ASTM A193 Gr.B7 BOLTS/ASTM A194 Gr.2H NUTS (90 MM LG)	2	3.1
13	1/2	(4) BOLT SET, 150LB ASTM A193 Gr.B7 BOLTS/ASTM A194 Gr.2H NUTS (85 MM LG)	3	1.6
14	1	BLIND FLANGE, RF, 150 LB. ASME B16.5 ASTM A105	1	1.0

CUTTING LIST				
CUT PIECE	SIZE	LENGTH (MM)	END PREP-1	END-PREP-2
A	1"	1198	BEVEL	BEVEL
B	4"	11551	BEVEL	BEVEL
C	4"	11541	BEVEL	BEVEL
D	4"	360	BEVEL	BEVEL

C1	ISSUED FOR CONSTRUCTION	DS	20/05/16	L.P.					
REV	DESCRIPTION	BY	DATE	CHK	REV	DESCRIPTION	BY	DATE	CHK