



"AS - BUILT"

NOTES:

1. CONTRACTOR TO DECIDE ON FIELD WELDS AND EXTRA SPOOL LENGTH WHEREVER NECESSARY.
2. WELD NO. ① TO ③

BILL OF MATERIAL

FABRICATION MATERIALS

PT NO	COMPONENT DESCRIPTION	N. S. (INS)	PIPE SPEC.	QTY
1	CONC RED BW STD. WT. A234 GR. WPB, NACE	10 x 4	A1	1
2	90 DEG LR ELBOW SMLS BW STD. WT. A234 GR. WPB, NACE	10	A1	1
3	FLANGE 150LB WN RF STD. WT. A105, NACE	10	A1	1
4	FLANGE 300LB WN RF SCH 40 A105, NACE	4	A1	1

ERECTION MATERIALS

PT NO	COMPONENT DESCRIPTION	N. S. (INS)	PIPE SPEC.	QTY
5	SPIRAL WOUND GASKET 150LB RF 4.5mm THK SS316 WINDING/GRAPHITE FILLER W/3mm THK CS CENTERING RING, ZINC COATED	10	A1	2
6	SPIRAL WOUND GASKET 300LB RF 4.5mm THK SS316 WINDING/GRAPHITE FILLER W/3mm THK CS CENTERING RING, ZINC COATED	4	A1	1
7	120 MM LG STUD BOLTS C/W NUTS A193 GR. B7/A194 GR. 2H HOT-DIP GALV. COATED	7/8	A1	24
8	120 MM LG STUD BOLTS C/W NUTS A193 GR. B7/A194 GR. 2H HOT-DIP GALV. COATED	3/4	A1	8
9	BALL VALVE 150LB RF, BV-22(FB) (CSC)	10	A1	1
10	ELBOWET 3000LB A105, NACE	10 x 3/4	A1	1
11	75mm LG PIPE NIPPLE PBE SCH 160 A106 GR. B, NACE	3/4	A1	1
12	PLUG SCRD 3000LB A105, NACE	3/4	A1	1
13	BALL VALVE SWxNPT PER PIPING SPEC. A1	3/4	A1	1

X0	AS BUILT	AR	RAGU	SD	09.04.12
2	REVISED AS SHOWN	RAGU	LYC	SD	01.12.11
1	AS BUILT	NN	CG	SD	07.06.10
0	APPROVED FOR CONSTRUCTION	NN	CG	SD	30.04.08
REV. NO	DESCRIPTION OF REVISION	BY	CHKD	APPD	DATE



PROJECT:	FPSO CIDADE DEITAJÁ	JOB NO.	21-9791
TITLE:	PIPING ISOMETRIC	LINE NO	901-10"-VFH-1005A-1-A1 901-10"-VFH-1005B-1-A1
CLASS	ABS	TRIPY ORIGINATING NO.	7000-04-L-26-XN-05121

GS1 DISCIPLINE SIGN	APPROVED BY	SD
PROCESS	VC	ES
MECHANICAL	VC	ES
PIPING	VC	ES
STRUCTURAL	VC	ES
E & I	VC	ES
PROJECT	VC	ES

JSL	JURONG SHIPYARD PTE LTD (A subsidiary of SembCorp Marine Ltd)	ENGINEERING DEPARTMENT	XXX	SECTION
JURONG SHIPYARD PTE LTD		SHT 63		REV X0