

"AS - BUILT"

NOTES:

1. CONTRACTOR TO DECIDE ON FIELD WELDS AND EXTRA SPOOL LENGTH WHEREVER NECESSARY.
2. WELD NO. ① TO ⑥

DESIGN DATA FOR MAIN LINE

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|------------------------------|------------|
| 1. DESIGN PRESSURE | : 5 BARG |
| 2. OPERATING TEMPERATURE | : 65° C |
| 3. HYDROSTATIC TEST PRESSURE | : 7.5 BARG |
| 4. CORROSION ALLOWANCE | : 1/8" |
| 5. RADIOGRAPHY | : 10% |
| 6. INSULATION | : NO |
| 7. INSPECTION BY | : GSI (QC) |
| 8. PWHT | : NO |

BILL OF MATERIAL

FABRICATION MATERIALS

PT NO	COMPONENT DESCRIPTION	N. S. (INS)	PIPE SPEC.	QTY
1	PIPE SMLS BE STD. WT. A106 GR. B, NACE	12	A1	1.4M
2	REDUCING TEE BW STD. WT. A234 GR. WPB, NACE	12 x 10	A1	3
3	WELDOLET STD. WT. x SCH 80 A105, NACE	12 x 2	A1	1
4	FLANGE 150LB WN RF STD. WT. A105, NACE	12	A1	1
5	FLANGE 150LB WN RF STD. WT. A105, NACE	10	A1	3

ERECTION MATERIALS

PT NO	COMPONENT DESCRIPTION	N. S. (INS)	PIPE SPEC.	QTY
6	BLIND FLANGE 150LB RF A105, NACE	12	A1	1
7	SPIRAL WOUND GASKET 150LB RF 4.5mm THK SS316 WINDING/GRAPHITE FILLER W/3mm THK CS CENTERING RING, ZINC COATED	12	A1	1
8	125 MM LG STUD BOLTS C/W NUTS A193 GR. B7/A194 GR. 2H HOT-DIP GALV. COATED	7/8	A1	12

SUPPORTS

9	STD TTI CLAMP	12	A1	2
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XO	AS BUILT	AR	RAGU	SD	09.04.12
1	AS BUILT	NN	CG	SD	07.06.10
0	APPROVED FOR CONSTRUCTION	FT	BS	SD	30.04.08
REV. NO	DESCRIPTION OF REVISION	BY	CHKD	APPD	DATE

CLIENT :



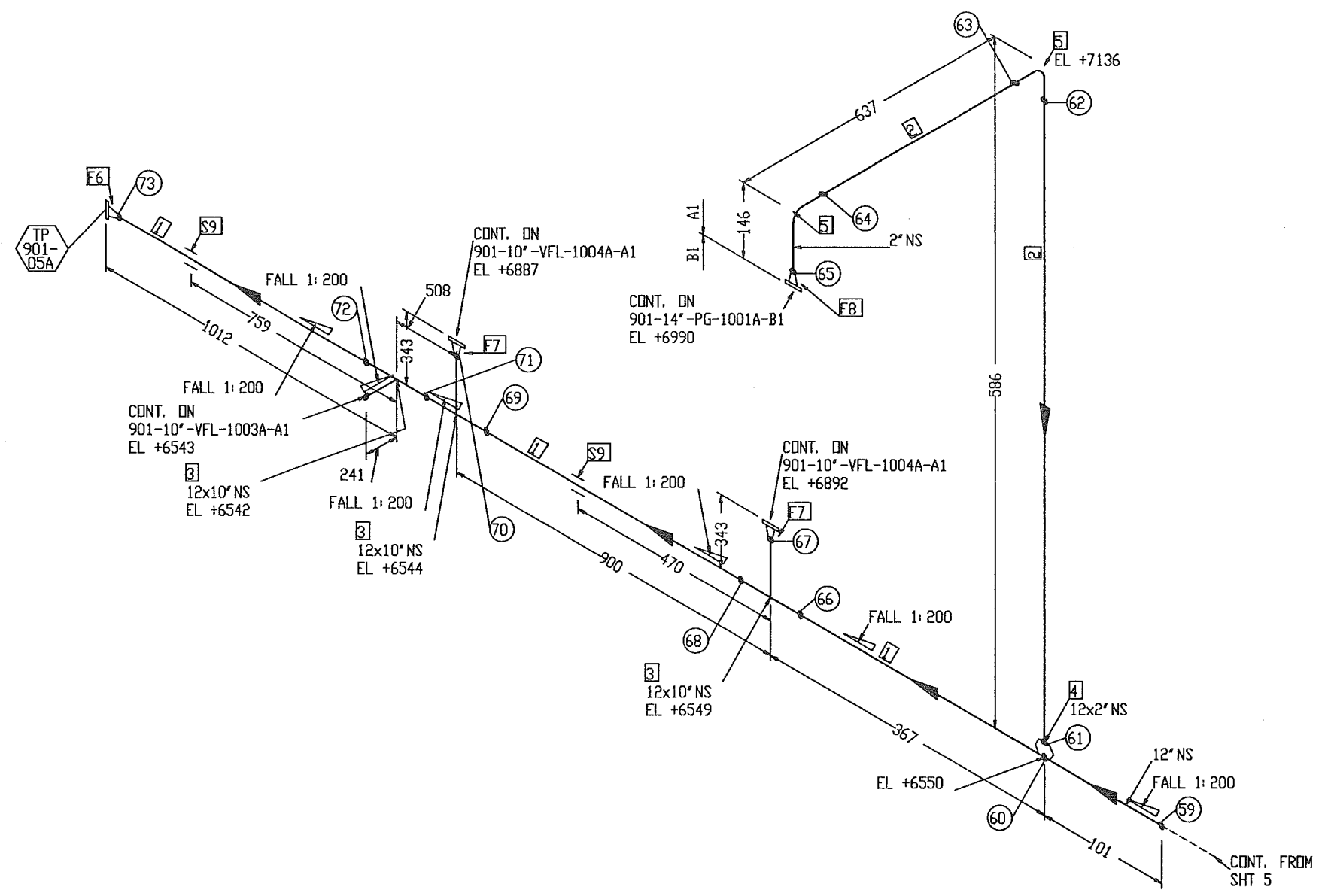
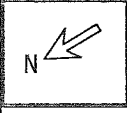
PROJECT:	FPSO CIDADE DEITAJAI	JOB NO.	21-9791
TITLE:	PIPING ISOMETRIC	LINE NO.	901-12"-VFH-1001A-A1 (SHT.1/6) 901-12"-VFH-1001B-A1 (SHT.1/6)
CLASS :	ABS	TRFJ IDENTIFICATION NO.	7000-04-L-26-XN-05121

DISCIPLINE SIGN	APPROVED BY	SD
PROCESS	AR	CG
MECHANICAL	VC	CG
PIPING	MM	NN
STRUCTURAL	WKH	NN
E & I	AK	NN
PROJECT	EG	NN



Gas Services International (S) Pte Ltd

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



"AS - BUILT"

- NOTES:**
1. CONTRACTOR TO DECIDE ON FIELD WELDS AND EXTRA SPOOL LENGTH WHEREVER NECESSARY.
 2. WELD NO. (59) TO (73)

DESIGN DATA FOR MAIN LINE	
1. DESIGN PRESSURE	: 5 BARG
2. OPERATING TEMPERATURE	: 65° C
3. HYDROSTATIC TEST PRESSURE	: 7.5 BARG
4. CORROSION ALLOWANCE	: 1/8"
5. RADIOGRAPHY	: 10%
6. INSULATION	: NO
7. INSPECTION BY	: GSI (QC)
8. PWHT	: NO

BILL OF MATERIAL

FABRICATION MATERIALS

PT NO	COMPONENT DESCRIPTION	N. S. (INS)	PIPE SPEC.	QTY
1	PIPE SMLS BE STD. WT. A106 GR. B, NACE	12	A1	1.3M
2	PIPE SMLS BE SCH 80 A106 GR. B, NACE	2	A1	0.8M
3	REDUCING TEE BW STD. WT. A234 GR. WPB, NACE	12 x 10	A1	3
4	WELDOLET STD. WT. x SCH 80 A105, NACE	12 x 2	A1	1
5	90 DEG LR ELBOW SMLS BW SCH 80 A234 GR. WPB, NACE	2	A1	2
6	FLANGE 150LB WN RF STD. WT. A105, NACE	12	A1	1
7	FLANGE 150LB WN RF STD. WT. A105, NACE	10	A1	2
8	FLANGE 300LB WN RF SCH 80 A105, NACE	2	A1	1

ERECTION MATERIALS

PT NO	COMPONENT DESCRIPTION	N. S. (INS)	PIPE SPEC.	QTY
SUPPORTS				
9	STD TTI CLAMP	12	A1	2

XO		AS BUILT		AR	RAGU	SD	09.04.12
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
CLIENT :							
PROJECT :				FPSO CIDADE DEITAJAI		JOB NO. 21-9791	
TITLE :				PIPING ISOMETRIC		QUANTITY: 1	
LINE NO:				901-12"-VFH-1001A-A1 (SHT.6/6)		CLASS 1 ABS	
PROJECT :				901-12"-VFH-1001B-A1 (SHT.6/6)		TRVU DRAWING NO. 7000-04-L-26-XH-05121	
GSI DISCIPLINE SIGN		APPROVED BY		U wasco Gas Services International (S) Pte Ltd			
PROCESS		CHECKED BY					
MECHANICAL		DRAWN BY					
PIPING		SCALE		N.T.S			
STRUCTURAL		ACAD DWS		GSI-6375-5121			
E & I		ED		G375-5121-57_X0		SHT 57	
PROJECT		JOB NO		K375		REV: X0	
JURONG SHIPYARD PTE LTD (A subsidiary of SembCorp Marine Ltd)							
ENGINEERING DEPARTMENT XXXX SECTION							