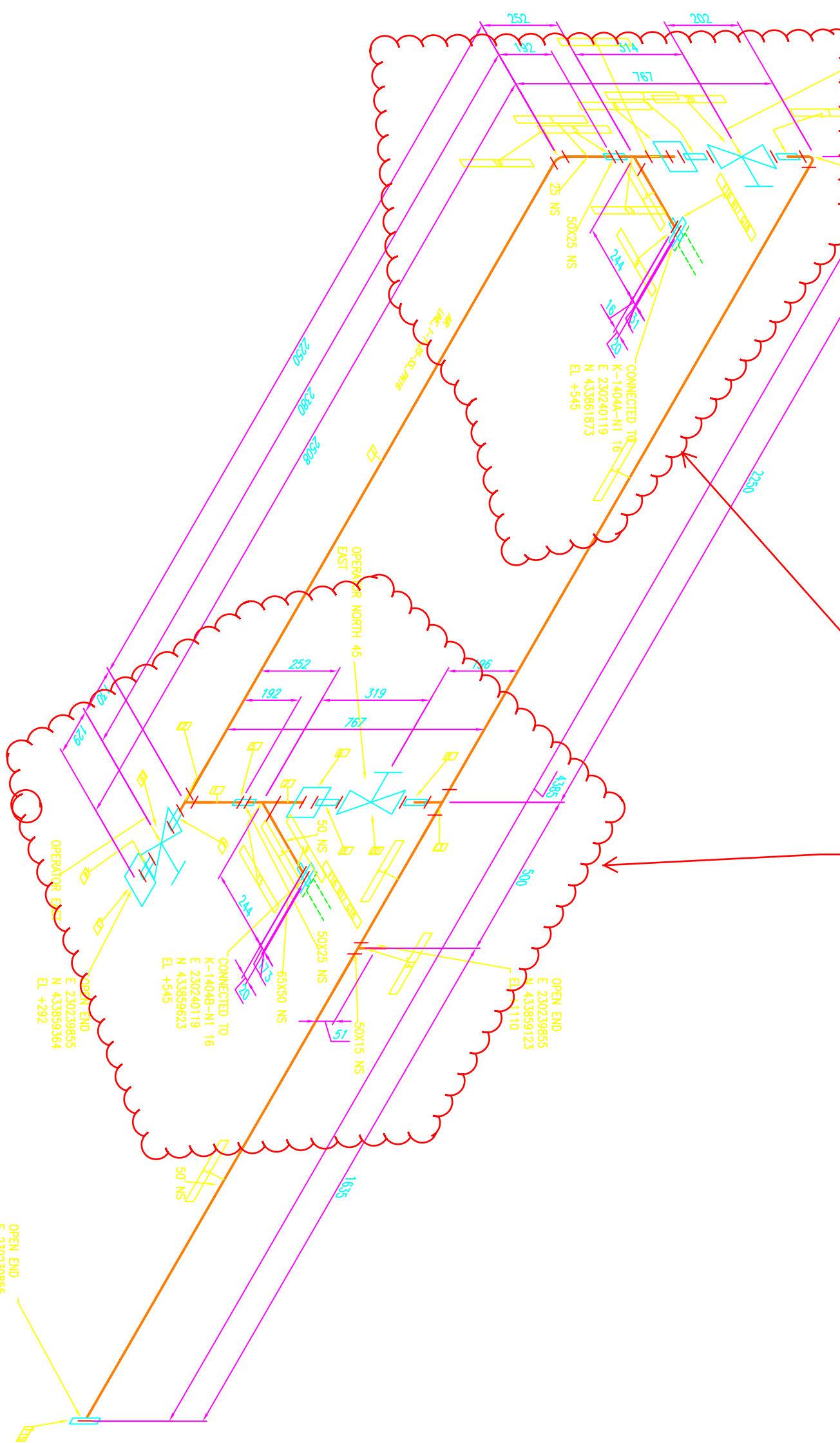




- 1- The Rectangle Size bigger for only 1 item.
- 2- The dimension clash with the item no. dimension itself.
- 3- the Total Dimension coming in the drawing first and individual after suppose the upside way the individual First and total dimension after.



<b>LINE No. :</b>	
<b>LOCATION :</b>	<b>UF FEED SKID-07 (DRAIN)</b>
<b>REFERENCE DRG./DOCUMENTS</b>	
TITLE	DRAWING No.
P & I DIAGRAM	130112400-01-001-SH2
PIPING GA	130112400-06-107
PIPING SPECIFICATION	130112400-09-501
PAINTING SPECIFICATION	130112400-09-801
SKID FABRICATION DRAWING	130112400-02-207

<b>QTY. REQ'D.:</b>	<b>1 SET</b>
<b>SPOOL SERIAL TAG:</b>	
<b>REFERENCE DRG./DOCUMENTS</b>	
TITLE	DRAWING No.
P & I DIAGRAM	130112400-01-001-SH2
PIPING GA	130112400-06-107
PIPING SPECIFICATION	130112400-09-501
PAINTING SPECIFICATION	130112400-09-801
SKID FABRICATION DRAWING	130112400-02-207

<b>PIPING CLASS</b>	SS-316
<b>DESIGN TEMP.</b>	65°C
<b>DESIGN PRESSURE</b>	10 barg
<b>HYDRO TEST PRESSURE</b>	15 barg
<b>RADIOGRAPHY</b>	5% (BW JOINTS)
<b>DPT</b>	NIL
<b>MPI</b>	NIL
<b>INSULATION</b>	NIL
<b>PWHT</b>	NA
<b>CORROSION ALLOWANCE</b>	NIL

<b>MARK NO.</b>	
<b>SPOOL</b>	
<b>PIPE SUPPORT</b>	
<b>WELD NO.</b>	
<b>FIELD WELD</b>	

<b>LEGEND:</b>	
	MARK NO.
	SPOOL
	PIPE SUPPORT
	WELD NO.
	FIELD WELD

BILL OF MATERIALS			
MARK	SIZE	DESCRIPTION	QTY
1	25	PIPE DIN 2448	2.6M
2	50	PIPE DIN 2448	4.9M
3	25	UNION EN 10242-U1-A	1
4	25	NIPPLE FOR PIPING EN 10242-N8-A	2
5	50X25	REDUCING BUSH EN 10242-N4-A	2
6	50	UNION EN 10242-U1-A	2
7	50	NIPPLE, PIPE, LENGTH 80 MM, THDM, BS EN 10241	2
8	50	NIPPLE FOR PIPING EN 10242-N8-A	2
9	65X50	REDUCING BUSH EN 10242-N4-A	2
10	25	ELBOW 90° EN 10242-A1-A	1
11	50	ELBOW 90° EN 10242-A1-A	1
12	25	TEE, THDF, BS EN 10241	1
13	50	TEE, THDF, BS EN 10241	3
14	50X15	TEE (RED), THDF, BS EN 10241	1
15	50	FLANGE C 16 DIN 2566	1
16	65	FLANGE C 16 DIN 2566	2
17	16X85	BOLT SET, C, 16, STUD BOLT, DIN 2501	8
18	65	GASKET, FLAT, 16, DIN 2690, C_3MM	2
19	25	SLIDE VALVE PN 16, FPT	1
20	50	SLIDE VALVE PN 16, PPT	2

<b>REV</b>	<b>DATE</b>	<b>BY</b>	<b>DESCRIPTION</b>	<b>CHKD</b>	<b>APPD</b>
0	25.04.12	HM	ISSUED FOR FABRICATION		

**PROJECT :** AUSTRALIA PACIFIC LNG PROJECT

**CLIENT :** BECHTEL INTERNATIONAL INC. (PO 25605-140-POA-MWDO-00001)

**SCALE :** N.T.S

**BECHTEL DRAWING NO. :** XXXXXXXXXXXXXXXXXXXX

**METITO DRAWING NO. :** XXXXXXXXXXXX

**PROJECT :** AUSTRALIA PACIFIC LNG PROJECT

**CLIENT :** BECHTEL INTERNATIONAL INC. (PO 25605-140-POA-MWDO-00001)

**SCALE :** N.T.S

**BECHTEL DRAWING NO. :** XXXXXXXXXXXXXXXXXXXX

**METITO DRAWING NO. :** XXXXXXXXXXXX

**OFFICES :** METITO (OVERSEAS) LIMITED

**TELEPHONE :** (971 6) 556 1818

**FAX :** (971 6) 556 4777

**COMMITMENT TO EXCELLENCE**

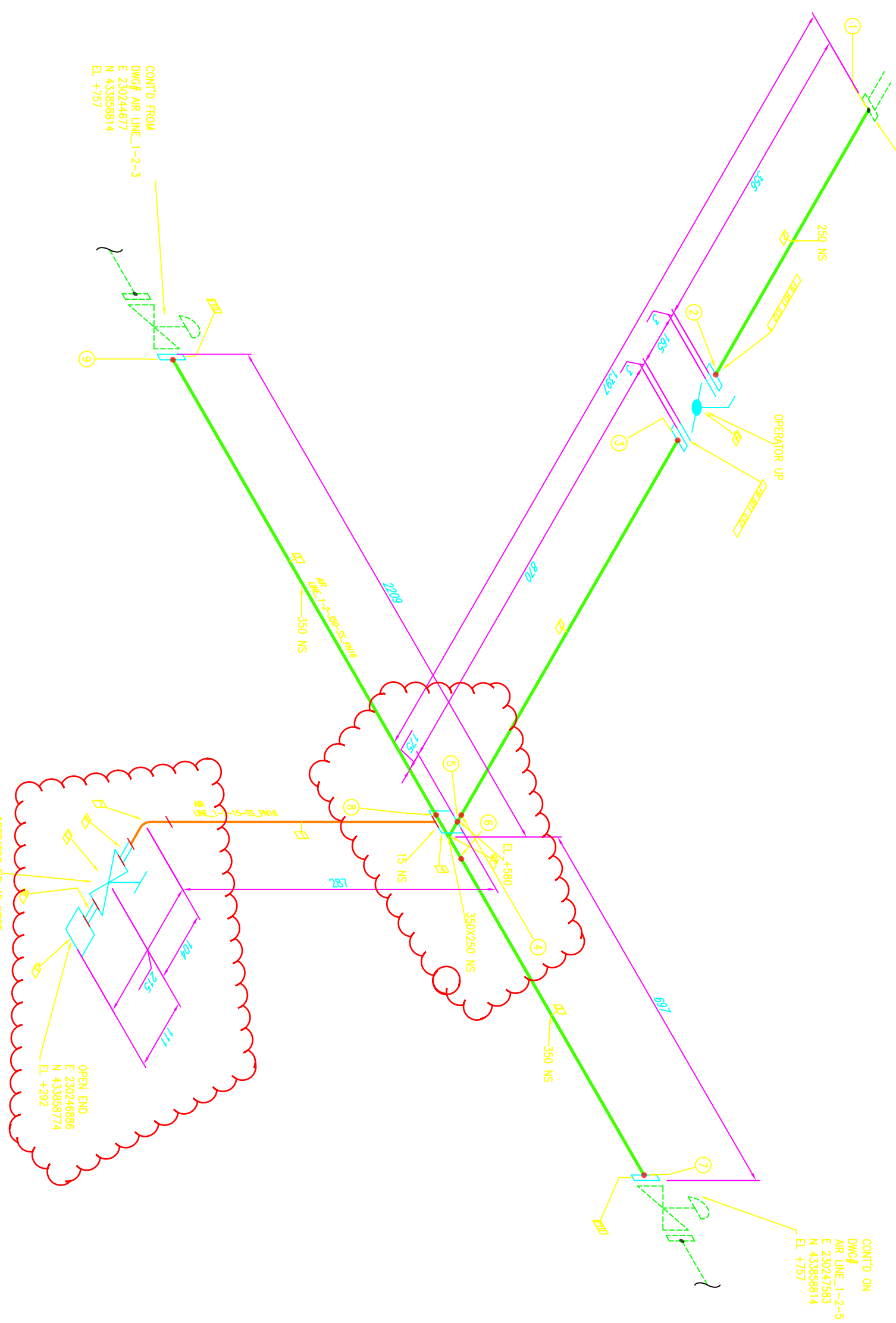








CONNECTED TO  
K-0501F-N1 10  
E 230246886  
N 433858814  
EL +757



OPERATOR UP 45 WEST

LINE No. :		SS-316	
QTY. REQ'D.:		1 SET	
SPOOL SERIAL TAG:			
LOCATION :		SS-316	
UF FEED SKID-07 (DRAIN)		DESIGN TEMP. 65°C	
		DESIGN PRESSURE 10 barg	
		HYDRO TEST PRESSURE 15 barg	
		RADIOGRAPHY 5% (BW JOINTS)	
		DPT NIL	
		MPI NIL	
		INSULATION NIL	
		PWHT NA	
		CORROSION ALLOWANCE NIL	

WELD LIST		
JOINT NO.	Type	JOINT SIZE
1	WELD	250
2	WELD	250
3	WELD	250
4	WELD	250
5	TAPWELD	15
6	WELD	350
7	WELD	350
8	WELD	350
9	WELD	350

REFERENCE DRG./DOCUMENTS	
TITLE	DRAWING No.
P & I DIAGRAM	130112400-01-001-SH2
PIPING G.A	130112400-06-107
PIPING SPECIFICATION	130112400-09-501
PAINTING SPECIFICATION	130112400-09-801
SKID FABRICATION DRAWING	130112400-02-207

SPOOL TAGGING	
eg. SP-xxx-XX-XX	SPOOL No.
DWG No.	SHEET No.
	INTERCONNECTING

LEGEND:	
○	MARK NO.
[SP]	SPOOL
[PS]	PIPE SUPPORT
○	WELD NO.
○	FIELD WELD

BILL OF MATERIALS			
MARK	SIZE DN	DESCRIPTION	QTY
1	15	PIPE DIN 2448	0.3M
2	250	PIPE DIN 2448	0.9M
3	350	PIPE DIN 2448	2.3M
4	15	COUPLING, HALF, DIN 2986-2	1
5	15	UNION EN 10242-U1-A	1
6	15	NIPPLE FOR PIPING EN 10242-NB-A	2
7	15	ELBOW 90° EN 10242-A1-A	1
8	350X250	TEE DIN 2615-1, RED.	1
9	250	FLANGE DIN2543, PN16 (EN 1092)	2
10	350	FLANGE DIN2543, PN16 (EN 1092)	2
11	24X120	BOLT SET, C, 16, STUD BOLT, DIN 2501	24
12	250	GASKET, FLAT, 16, DIN 2690, C_3MM	2
13	15	SLIDE VALVE PN 16, PPT	1
14	250	BUTTERFLY VALVE TYPE U12 PN 16, C, FLANGED	1

REV	DATE	BY	DESCRIPTION	CHKD	APPD
0	25.04.12	HM	ISSUED FOR FABRICATION		

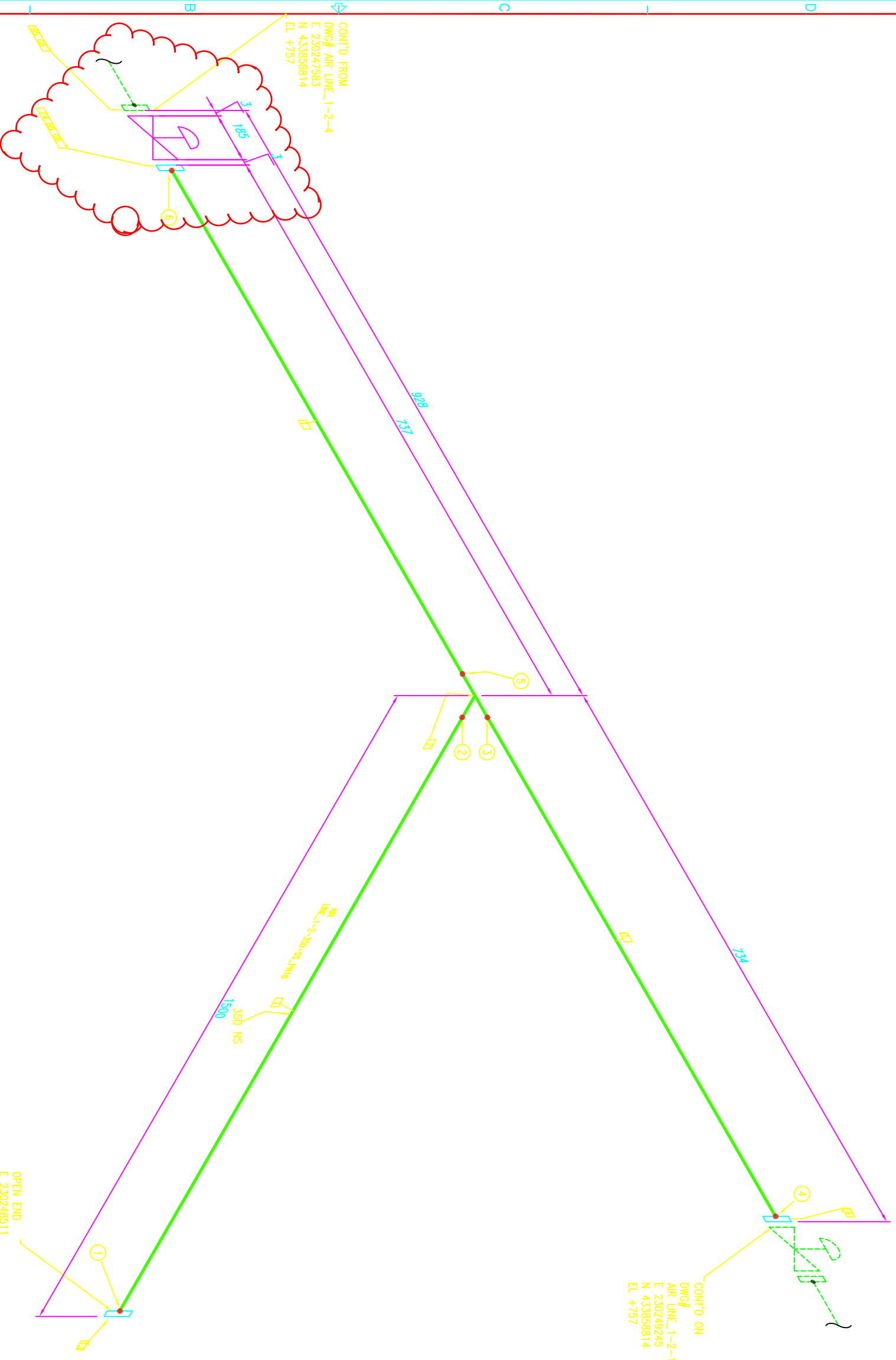
**METITO**  
 OFFICES : METITO (OVERSEAS) LIMITED  
 TELEPHONE : (971 6) 556 1818  
 FAX : (971 6) 556 4777

DRAWING TITLE :  
 XXXXXXXXXXXXXXXXXXXX  
 XXXXXXXXXXXXXXXXXXXX

PROJECT : AUSTRALIA PACIFIC LNG PROJECT  
 CLIENT : BECHTEL INTERNATIONAL INC. (PO 25605-140-POA-MWDO-00001)  
 SCALE : N.T.S.  
 CHECKED BY: MESH  
 E&I PROCESS PROJECT APPROVED BY: PKT  
 METITO DRAWING NO. XXXXXXXXXXXX SHEET NO. 4 OF 4 REV.



BILL OF MATERIALS			
MARK	SIZE	DESCRIPTION	QTY
1	350 DN	PIPE DIN 2448	2.0M
2	350	TEE DIN 2615-1	1
3	350	FLANGE DIN2543, PN16 (EN 1092)	1
4	350	FLANGE DIN2543, PN16 (EN 1092)	2
5	24X130	BOLT SET, C, 16, STUD BOLT, DIN 2501	32
6	350	GASKET, FLAT, 16, DIN 2690, C_3MM	2



LINE No. : -

QTY. REQ'D.: 1 SET

SPOOL SERIAL TAG: -

LOCATION : UF FEED SKID-07 (DRAIN)

REFERENCE DRG./DOCUMENTS

TITLE	DRAWING No.
P & I DIAGRAM	130112400-01-001-SH2
PIPING G.A	130112400-06-107
PIPING SPECIFICATION	130112400-09-501
PAINTING SPECIFICATION	130112400-09-801
SKID FABRICATION DRAWING	130112400-02-207

SPOOL TAGGING

eg. SP-xxx-XX-XX

DWG No. SHEET No. INTERCONNECTING

PIPING CLASS	SS-316
DESIGN TEMP.	65°C
DESIGN PRESSURE	10 barg
HYDRO TEST PRESSURE	15 barg
RADIOGRAPHY	5% (BW JOINTS)
DPT	NIL
MPI	NIL
INSULATION	NIL
PWHT	NA
CORROSION ALLOWANCE	NIL

JOINT NO.	WELD LIST		JOINT SIZE
	Type	WELD	
1	WELD	350	350
2	WELD	350	350
3	WELD	350	350
4	WELD	350	350
5	WELD	350	350
6	WELD	350	350

**LEGEND:**

○ : MARK NO.

[SP] : SPOOL

□ : PIPE SUPPORT

○ : WELD NO.

○ : FIELD WELD

OPEN END  
E 230248511  
N 433857314  
EL +757

REV	DATE	BY	DESCRIPTION	CHKD	APPD
0	25.04.12	HM	ISSUED FOR FABRICATION		

**METITO**

OFFICES : METITO (OVERSEAS) LIMITED  
TELEPHONE : (971 6) 556 1818  
FAX : (971 6) 556 4777

Commitment to a  
Greener Environment

DRAWING TITLE : XXXXXXXXXXXXXXXXXXXX  
XXXXXXXXXXXXXXXXXXXX

PROJECT : AUSTRALIA PACIFIC LNG PROJECT

CLIENT : BECHTEL INTERNATIONAL INC. (PO 25605-140-POA-MWDO-00001)

SCALE : N.T.S

CHK'D	MECH.	E. & I.	PROCESS	PROJECT	APPROVED BY
BY	KAG/SF	S/S/MK	TM/ADV	PWL	Pkt

BECHTEL DRAWING NO. XXXXXXXXXXXX

METITO DRAWING NO. XXXXXXXXXXXX

SHT NO. 4 OF 4 REV. 0