



SEE ISO
WGe-2761
0741-52-40-PRD20-WGe-2761
E 321775
N 360837
EL +110602

6"NPD
<1> 1

3
EL +110184

SW1

SW2

SPL-1

S9
LK-HV150-150
H =150mm

S8
FS140/160

<2> 1

SW3

SEE ISO
WGe-2756
0741-52-40-D210-WGe-2756
E 321775
N 351892
EL +110041

2
6X6"NPD

142

S9
LK-HV150-150
H =150mm

SW4

SW6

S8
FS140/160

689

392

FW5

FJ1

<4> 1

7
F4 G5 B6

E 321775
N 351200
EL +110184

SW7

GENERAL NOTES::

- ALL DIMENSIONS, ELEVATIONS AND COORDINATES ARE IN MILLIMETERS.
- FOR STANDARD PIPE SUPPORTS REFER DOC.No. "0506-8230-SP-101-0002".
- CONTRACTOR TO DETERMINE FIELD JOINTS DURING SPOOLING.
- CONTRACTOR TO VERIFY ALL DIMENSIONS AND LINE ROUTING PRIOR TO ERECTION.
- IN CASE OF ANY PROCESS/PIPING PARAMETERS MISMATCH BETWEEN LINE LIST AND ISOMETRICS, LINE LIST PREVAILS.
- FOR LINELIST, REFER TO DOCUMNET 0741-8110-26-40-0001(Me5) & 0741-8110-26-41-0002(Me6).
- FOR SECONDARY SUPPORT DWG (SU-___),REFER TO DOCUMENT INDEX 0741-8230-IN-01-0002
- FOR SPECIAL PIPE SUPPORT DWG (SPS-___) REFER TO DOCUMENT INDEX 0741-8230-IN-01-0003
- FOR PIPING SPECIFICATION & STANDARD, REFER TO PIPING ENGG. MANUAL 8859-EVO-CO-PL-DOCU-00002
- GLASS FIBRE TAPE (GSK) TO BE INSTALLED AT EACH CLAMP SHOE FOR ALL METALLIC PIPE SUPPORT LOCATIONS EXCEPT C,S PIPE SUPPORTS

*. SIKLA PA SLIDING PLATES TO BE REMOVED AND SHOE HEIGHT TO BE ADJUSTED ACCORDINGLY

Insul Spec	EVO P&ID	Design Press(barg)	Design Temp (°C)	Test Press(barg)	Test Medlum	Stress Category	Stress Calc.No	NDT %	PAINT SYS	FLUID CAT	AREA	UNIT	DSN	CONTRACT NO.	PROJECT LOCATION:
Q50	29_8, 86_4, 29_51			12.75	W	A	NC	2	2B			27A		1-PD-0741-	

BILL OF MATERIALS

FABRICATION MATERIALS

PART No.	ITEM CODE	SIZES (INCHES)	MATERIAL SPECIFICATION	QUANTITY
1	APS20CD01	6	PIPE SMLS SCH. STD ASTM A-106 GR B	9.3 M
2	AET20CD01	6X6	TEE, STRAIGHT BW SCH STD ASTM A234 GR WPB	1
3	AEA20CD01	6	ELBOW, 90 DEG. LR BW SCH. STD ASTM A234 GR WPB	1
4	AFA71CD20	6	FLANGE, 150# RFWN SCH. STD ASTM A105	1

ERECTION MATERIALS

PART No.	ITEM CODE	SIZES (INCHES)	MATERIAL SPECIFICATION	QUANTITY
5	AGF71US01	6	FLAT RING GASKET, GRAPHITE W/ TANGED METAL INSERT 316SS, 150#	1
6	ABB00EM02	3/4	105 MM STUD BOLT ASTM A193 GR B7 HOT DIPPED GALVANIZED WITH 2 8 HEAVY HEX NUT	8
7	AFB71CD01	6	FLANGE BLIND ANSI B16.5 150# RF ASTM A105	1
8	110351	6	GUIDING SET FS 140/160; ARTICLE NO. 110351	2
9	110118	6	SLIDING SUPPORT LK-HV150-DN150; ARTICLE NO. 110118	2

WELDS SUMMARY

WELD No.	SIZES (IN)	TYPE	SHOP/FIELD	SPOOL NO
SW1	6"	BW	SHOP	SPL-1
SW2	6"	BW	SHOP	SPL-1
SW3	6"	BW	SHOP	SPL-1
SW4	6"	BW	SHOP	SPL-1
FW5	6"	BW	FIELD	SPL-1
SW6	6"	BW	SHOP	SPL-1
SW7	6"	BW	SHOP	SPL-1

CUTTING LIST

PIECE NO.	SIZES (IN)	LENGTH (MM)
<1>	6"	189
<2>	6"	6000
<3>	6"	2573
<4>	6"	457

WELD DIA. INCH.Ø

SHOP	FIELD
36.0	6.0

FLANGE JOINT NOS. : FJ1



EVONIK SIMEX PROJECT SINGAPORE



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SHT
1 / 1

REV
S1

LINE NUMBER:
0741-52-40-D210-WGe-2761

PIPE CLASS:
150CD04

ISO DRAWING NUMBER:
0741-52-40-D210-WGe-2761

○ SHOP WELD JOINT NUMBER ◇ FIELD WELD JOINT NUMBER —●— SHOP WELD JOINT —✕— FIELD WELD JOINT —●— SOCKET WELD JOINT —[— SCREWED JOINT —□— COMPN JOINT —≡— PIPE SUPPORT —----- LAGGED PIPE —==== TRACED PIPE ○ SPOOL NUMBER 1 DENOTES PARTS LIST NO. <2> DENOTES CUTTING LIST NO.