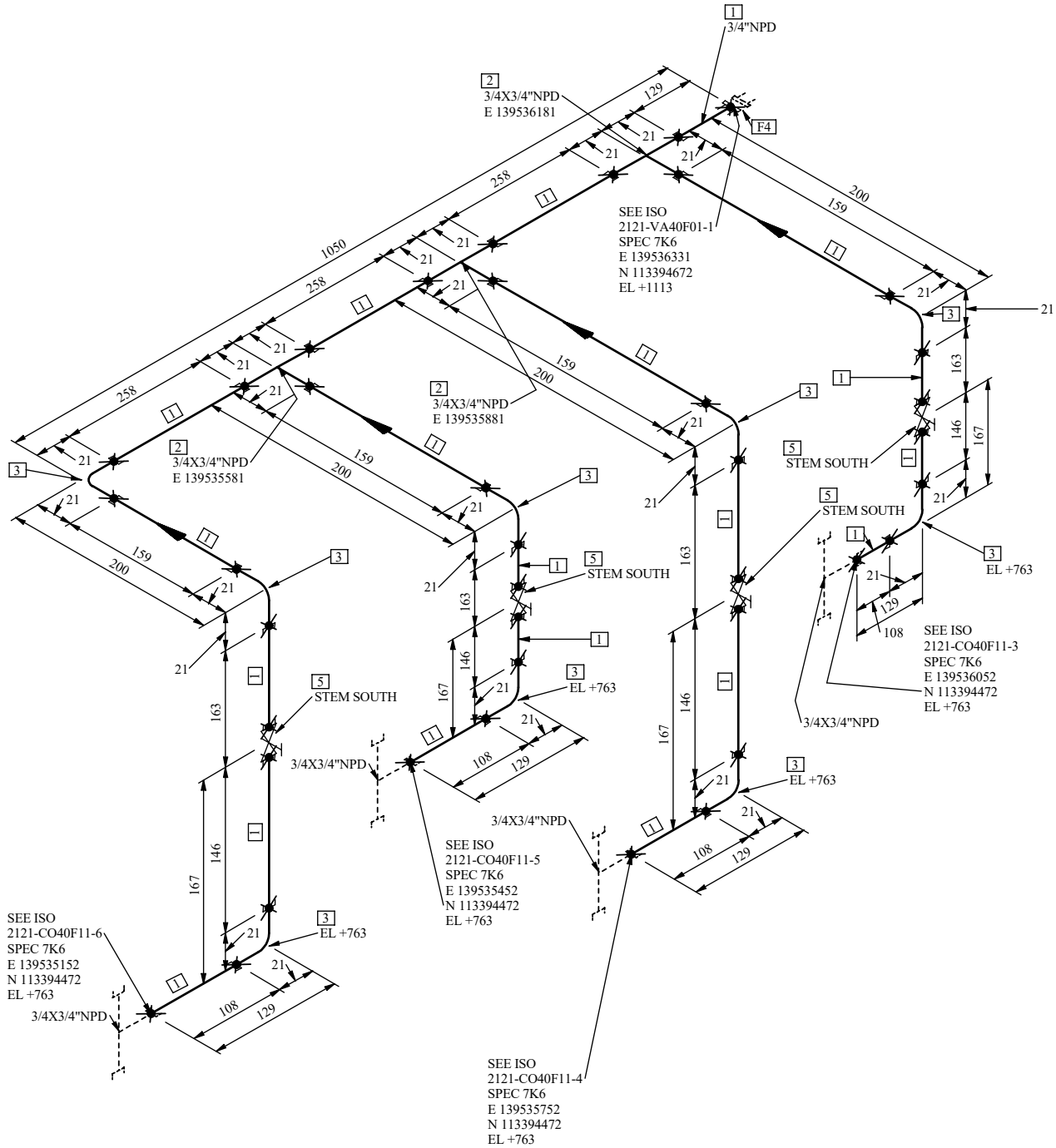


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EXTR. DATE: 28-07-2023 08:18:39

STREAM NO.:4506

REV. CAUSE ID:



REMARKS FOR MECHANICAL SUBCONTRACTOR:

- 1) LINES 1.1/2" AND SMALLER SHALL BE SUPPORTED IN FIELD IF NOT OTHERWISE INDICATED.  
2) ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION.  
3) FOR THE COMPONENTS MARKED AS FIELD WELDED WITH THIS SYMBOL , ONE WELD FOR ADJUSTMENT OF IN LINE COMPONENT MUST BE LEFT  
4) FOR EXTRA PIPE LENGTH REFER TO 4274-LZ-PC-00000603.  
5) GUSSETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER 45-L-45-000-2-00-80004 / 4274-XH-SG-00000002.  
6) CROSSING BETWEEN WELDS ON PIPELINE SHALL NOT BE ADMITTED.  
7) IN CASE OF DISCREPANCIES BETWEEN DATA SHOWN ON ISO AND IN LINE LIST (AS APPLICABLE, DATA SHOWN IN LINE LIST GOVERN.  
8) ACTUAL CUT LENGTH OF PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-00000603).  
9) WHERE EARTHING BONDING IS REQUIRED, MECHANICAL SUBCONTRACTOR TO PERFORM IT BASED ON DOC. 45-P-000-7-06-00902/ 4274 -NN-DW-00000002 AND ASSEMBLY NO FEA005 AND FE019.

SUPPORTS LEGEND:

- DENOTES PARTS LIST NO  
 PIPE SUPPORT  
 A=RESTING SUPPORT  
 G=GUIDE  
 F=AXIAL STOP  
 B=ANCHOR  
 M=SPRING  
 S=TEFLON PAD  
WHERE WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.

							STRESS CALC. N°
							-
							P & ID
							19-A-19-000-1-01-00001 sheet 36
							LINE LIST N°
00	ISSUED FOR REFERENCE	28-JUL-23	U.CHAVAN	P.VAZE	G.PAGANONI		19-L-19-000-2-00-80602
							PIPE LAYOUT N°
REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	19-L-19-000-2-00-86197 sheet 1

ISSUED FOR  
REFERENCE

Signature for construction is shown  
on Iso list of relevant CWA

ISOMETRIC DRAWING  
LINE

3/4"-CO-40F11-7K6

BILL OF MATERIAL

PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATUS
PIPE					
1	PIPE - A312-TP304/304L DUAL GR PE SMLS T01AL2CZ02 S-80S <PIPB04DA23/480S> (L-PIP110)	3/4	12257956	2.9 M	
FITTINGS					
2	TEE ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE - R11FNL2A1101 NREQD <TESB450LBK3/4> (L-TES04)	3/4X3/4	12258183	3	
3	90 ELBOW ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE - R31FNL2A1103 NREQD <90FB450LBK3/4> (L-90F05)	3/4	12258116	9	
FLANGES					
4	SW FLANGE ASME B16.5 1500# A182-F316/316L DUAL GR RFFE SWE 125 - 250 AARH F02CKL1MB105 S-80S <SWFB34D4553/480S> (L-SWF32)	3/4	146933029	1	
VALVES / IN-LINE ITEMS					
5	GATE VALVE API 602 1500# A182-F316/316L DUAL GR SWE SWE 12-316&HF WB-OS&Y SOW API 602 HW V01GKL1M115E NREQD <G63_4L-AL028> (L-AL028)	3/4	15390763	4	

PIPE MATERIAL

304, dual grade

HEAT TREATMENT (PWHIT)

N

PAINTING SCHEME (3)

NR

PIPING CLASS

7K6

WELDING CLASS (4)

F

PED CATEGORY

Art 4.3

INSULATION CODE / THK. (mm)

N 0

NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST.

2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102.  
3. WELDING ACCORDING TO 45-L-45-000-2-00-80021.  
4. PAINTING ACCORDING TO 45-A-45-000-1-00-20160.  
5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "~N/A~" MEANS UNICODE IS "NOT AVAILABLE".



CONTRACTOR:

CONTRACTOR DRAWING NUMBER:

4274-XH-DL-2121CO40F11-1

PROJECT:

4001008



LOW LINEAL DENSITY POLYETHYLENE (PEL)  
AND POLYPROPYLENE (PP) PLANTS  
FOR PROJECT - ALBA PROJECT

CLIENT / COMPLEX  
REPSOL POLYMEROS/  
SINES INDUSTRIAL COMPLEX

ANNEX

SPEC.

L

DRAWING NUMBER

19-000-2-02-00001 sheet 2121CO40F11-1

REV.

00