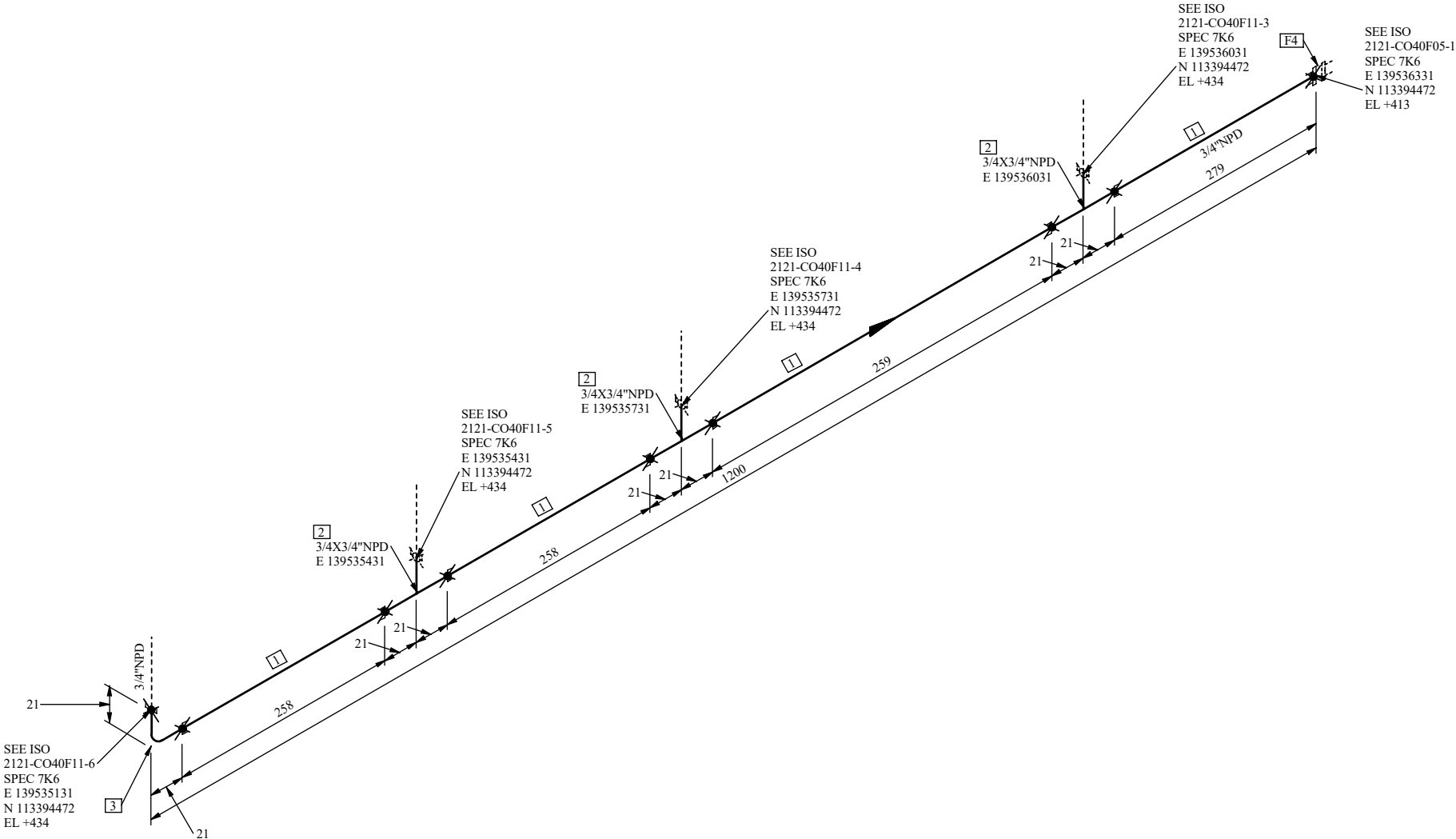


THIS DOCUMENT BELONGS TO REPSOL. IT CAN NOT BE COPIED, REPRODUCED AND/OR USED WITHOUT
PREVIOUS AUTHORIZATION OF REPSOL. COMPUTERIZED DRAWING (HANDWRITING STRICTLY FORBIDDEN).


EXTR. DATE: 28-07-2023 08:19:39




STREAM NO.:4506

REV. CAUSE ID:



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	1.1 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	1	
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	

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°
							19-L-19-000-2-00-80602
							PIPE LAYOUT N°
							19-L-19-000-2-00-86197 sheet 1
00	ISSUED FOR REFERENCE	28-JUL-23	U.CHAVAN	P.VAZE	G.PAGANONI		
REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	

ISSUED FOR REFERENCE

Signature for construction is shown on Iso list of relevant CWA

ISOMETRIC DRAWING LINE

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

PIPE MATERIAL		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".				
304, dual grade						
HEAT TREATMENT (PWHIT)						
N						
PAINTING SCHEME (3)		CONTRACTOR: 	CONTRACTOR DRAWING NUMBER: 4274-XH-DL-2121CO40F11-2	PROJECT: 4001008		
NR						
PIPING CLASS						
7K6						
WELDING CLASS (4)		<div><div>LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT</div></div> <div>CLIENT / COMPLEX REPSOL POLYMEROSES/ SINES INDUSTRIAL COMPLEX</div>				
F						
PED CATEGORY						
Art 4.3						
INSULATION CODE / THK. (mm)		ANNEX 19	SPEC. L	DRAWING NUMBER 19-000-2-02-00001 sheet 2121CO40F11-2		REV. 00
N 0						