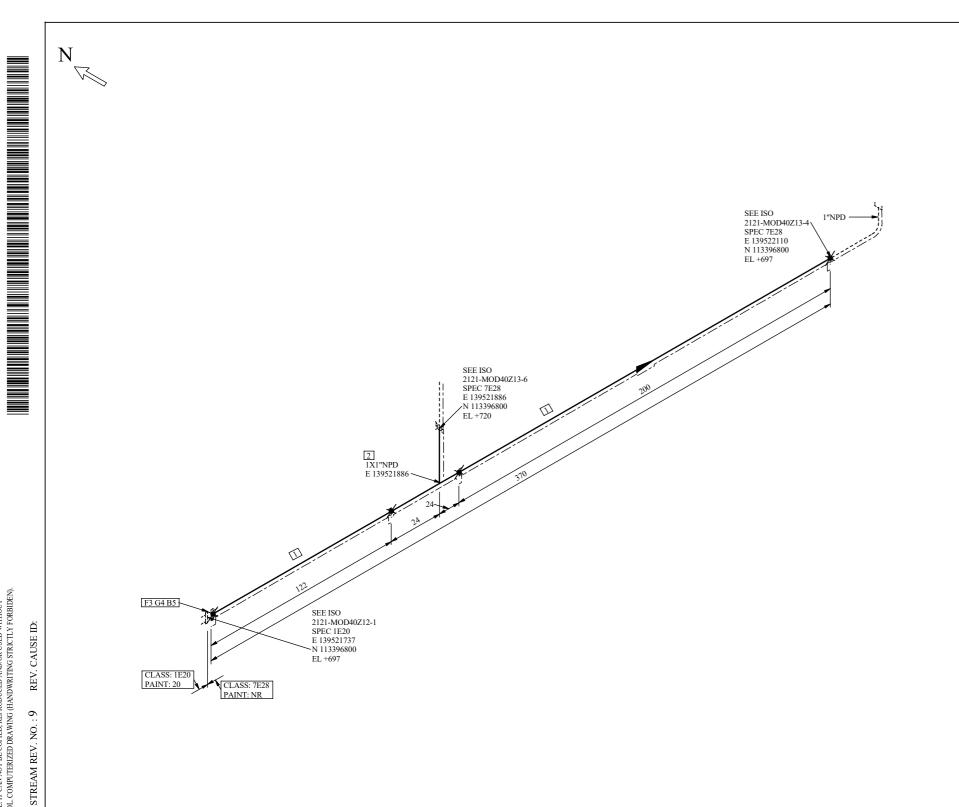
REMARKS FOR MECHANICAL SUBCONTRACTOR:

1) LINES 1.1/2" AND SMALLER SHALL BE SUPPORTED IN FIELD IF NOT OTHERWISE INDICATED.



BILL OF MATERIAL HOLD STATUS COMPONENT DESCRIPTION ITEM CODE QTY (IN) PIPE - A312-TP304/304L DUAL GR PE SMLS T01AL2CZ02 S-80S < PIPB04DA2180S > I2257957 (L-PIP110) TEE ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE - R11FNL2A1101 NREQD 12258184 LANGES SW FLANGE ASME B16.5 600# A182-F316/316L DUAL GR RFFE SWE 125 - 250 AARH I2965911 F02CHL1MB105 S-80S <SWFB34D465180S> (L-SWF38) GASKETS SPIRAL WOUND GASKET ASME B16.20 600# RFTBE 304/GRAFOIL SS 304 SS 304 ASME I1169027 B16.5 G03GHP1IS04 < N/A > (N/A) BOLTS STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 153437440 <SB2R51G5/831/2> - 2 NUTS PER BOLT - 90 mm Length

:71	2) ALI 3) FOR 4) FOR 5) GUS	LINES 1.1/2 AND SMALLER SHALL BE SUPPORTED IN PIELD IF NOT OTHERWISE INDICATED. ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION. FOR THE COMPONENTS MARKED AS FIELD WELDED WITH THIS SYMBOL ✗, ONE WELD FOR ADJUSTMENT OF IN LINE COMPONENT MUST BE LEFT FOR EXTRA PIPE LENGTH REFER TO 4274-LZ-PC-00000603. GUSSETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER 45-L-45-000-2-00-80004 / 4274-XH-SG-00000002. CROSSING BETWEEN WELDS ON PIPELINE SHALL NOT BE ADMITTED.							
.2023 12:03	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-00000063). 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 — A=RISTING SUPPORT G=GLIDE F=AUALSTOP B=ANCHOR M=SPRING S=TELONPAD WHERE A = RISTING SUPPORT WHERE A = RISTING SUPPORT HIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.								Si
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TË								P & ID 19-A-19-000-1-01-00001 sheet 51	1
Ğ	00	ISSUED FOR REFERENCE	07-JUL-23	M.YADAV	P.VAZE	G.PAGANONI		LINE LIST Nº	1
		ISSUED FOR REFERENCE		M. I ADA V	P.VAZE	G.PAGANONI		19-L-19-000-2-00-80602	4
XTR.	REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	PIPE LAYOUT Nº	
'n,								19-L-19-000-2-00-86197 sheet 1	

REFERENCE Signature for construction is shown on Iso list of relevant CWA

ISSUED FOR

PIPE MATERIAL

304, dual grade

HEAT TREATMENT (PWHT)

PAINTING SCHEME (3)

PIPING CLASS

WELDING CLASS (4)

INSULATION CODE / THK. (mm)

PED CATEGORY

NR

ISOMETRIC DRAWING LINE 1"-MOD-40Z13-7E28 (ET)

NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST.

CONTRACTOR:

ANNEX

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

5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "<N/A>" MEANS UNICODE IS "NOT AVAILABLE"

CONTRACTOR DRAWING NUMBER:

4274-XH-DL-2121MOD40Z13-5

7E28 LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT REPSQL

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

4001008

PROJECT:

DRAWING NUMBER 00 19-000-2-02-00001 sheet 2121MOD40Z13-5