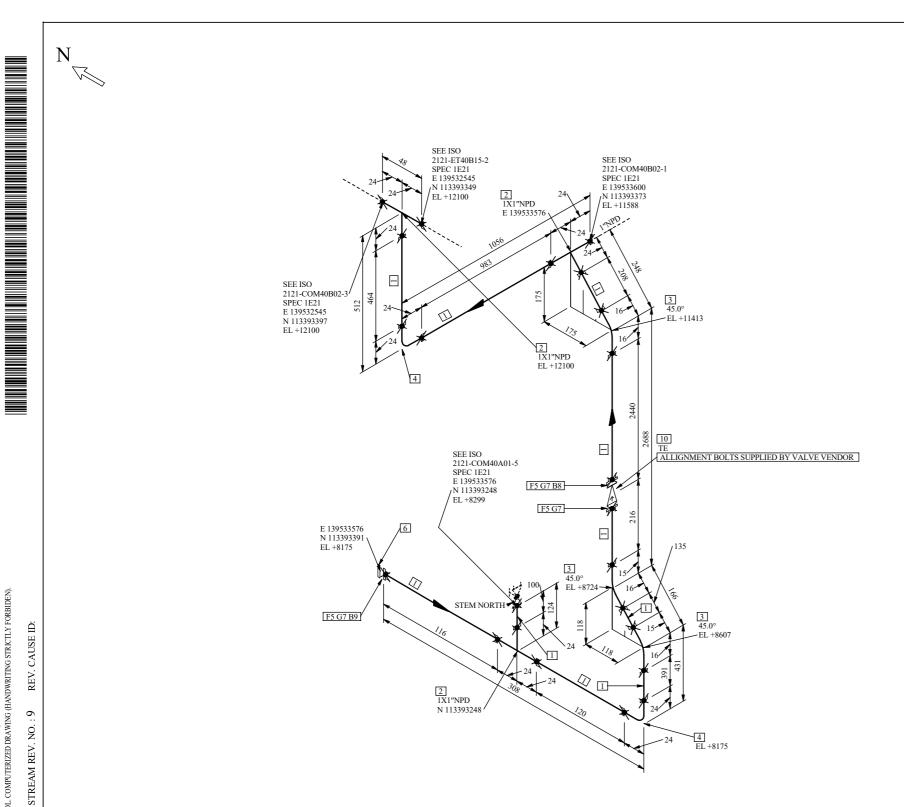
REMARKS FOR MECHANICAL SUBCONTRACTOR:

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



BILL OF MATERIAL HOLD COMPONENT DESCRIPTION ITEM CODE QTY STATUS (IN) PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A11XS > (L-6679) I132793 FITTINGS TEE ASME B16.11 3000# A105N SWE SWE - R11FNC441101 NREQD <TESA300LBK1> I1651301 (L-179) 45 ELBOW ASME B16.11 3000# A105N SWE SWE - R32FNC441101 NREQD 11651292 <45FA300LBK1>(L-184) 90 ELBOW ASME B16.11 3000# A105N SWE SWE - R31FNC441103 NREQD I1651296 <90FA300LBK1>(L-178) FLANGES SW FLANGE ASME B16.5 300# A105N RFFE SWE 125 - 250 AARH F02CFC44B105 S-XS I4217823 <SWFA300R351XS>(L-375) BLIND FLANGE ASME B16.5 300# A105N RFFE NREQD 125 - 250 AARH F10CFC44B005 I1652376 <BLFA300R351> (L-143) ASKETS SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 304/GRAFOIL CARBON STEEL SS 304 1 I63508951 ASME B16.5 G03GFP1IS12 < N/A > (N/A) 153437269 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 <SB2R51G5/841/4> - 2 NUTS PER BOLT - 105 mm Length 153437418 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 <SB2R51G5/831/4> - 2 NUTS PER BOLT - 80 mm Length ALVES / IN-LINE ITEMS 0 DISC CHECK WFR VALVE ASME B16.34 300# A216-WCB RFTBE 316/R-PTFE, GF 125 -110208505 250 AARH SL VERTICAL&HORIZONTAL CRACK. PRESS. 1/2 PSI ASME B16.5 V40JFC29P01 NREOD < N/A> (N/A)

		2) ALL DIMENSION AND PROPER CONFIGURATION FOR LINES MPS 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.									
9	- /	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.									
ñ		7) IN CASE OF DISCREPANCIES BETWEEN DATA SHOWN ON ISO AND IN LINE LIST (AS APPLICABLE, DATA SHOWN IN LINE LIST GOVERN.								
7		8) ACTUAL CUT LENGTH OF PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-00000603). 10 MULTIPLE EDITING OR DEVINED A DEFOUNDED AND ASSEMBLY AND DEVELOPMENT OF THE PROPERTY OF THE PROPER								۱
<u></u>	9) WHE	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.								∟ Si
7	SUBDORTS LECEND. IDENOTES PARTS LIST NO PIPE A=RESTING SUPPORT G=GUIDE F=AXIAL STOP B=ANCHOR M=SPRING S=TEFLONPAD									
7	SUPPORTS LEGEND: UDENOTES PARTS LIST NO SUPPORT — WHERE A WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.								STRUCTURE.	
<u>-</u>									STRESS CALC. Nº	TITI
_									-	_
٥									P & ID	7 I
ij									19-A-19-000-1-01-00001 sheet 29	
DAI	00	ISSUED FOR REFERENCE		07-JUL-23	M.YADAV	P.VAZE	G.PAGANONI		LINE LIST Nº	
	00								19-L-19-000-2-00-80602	
<u> </u>									PIPE LAYOUT Nº	7
×	REV.	DESCRIPTION		DATE	DRW. BY	CHECK BY	APPR. BY	APPR, CLIENT		- 1

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

ISSUED FOR

PED CATEGORY LINE INSULATION CODE / THK. (mm)

CS

HEAT TREATMENT (PWHT)

PAINTING SCHEME (3)

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

CONTRACTOR:

ANNEX

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:

PIPING CLASS 4001008 4274-XH-DL-2121COM40B02-2 1E21 WELDING CLASS (4)

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

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

PROJECT:

DRAWING NUMBER 00 19-000-2-02-00001 sheet 2121COM40B02-2

FILENAME: 19-000-2-02-00001 sheet 2121COM40B02-2.dwg

ISOMETRIC DRAWING 1"-COM-40B02-1E21 APPR. CLIENT 19-L-19-000-2-00-86197 sheet 3