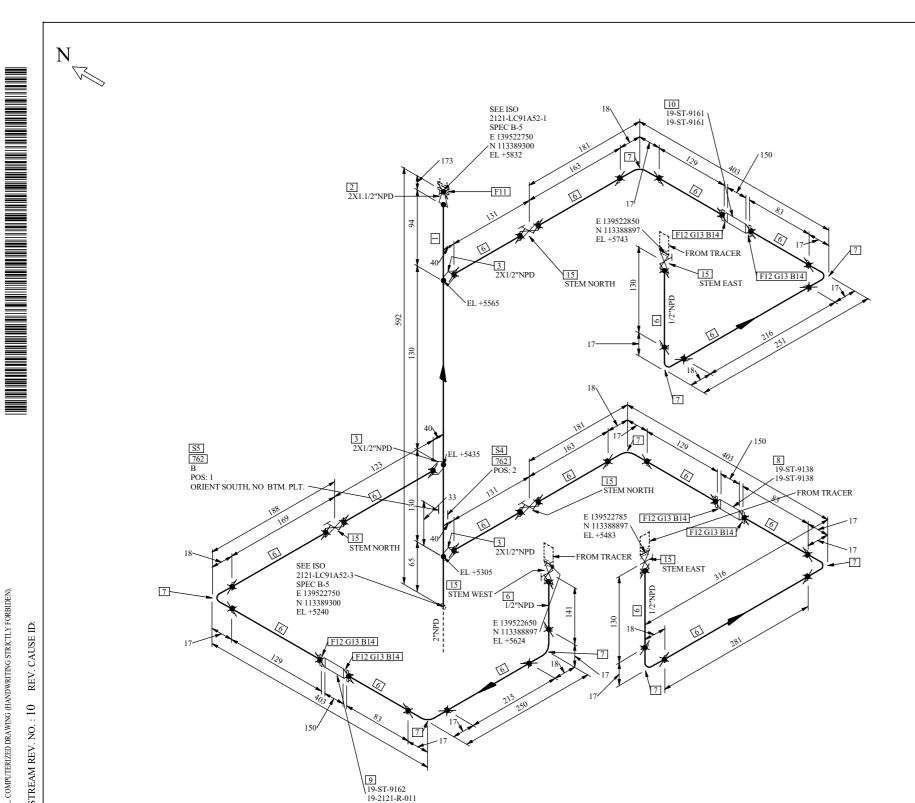
REMARKS FOR MECHANICAL SUBCONTRACTOR:

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



BILL OF MATERIAL HOLD COMPONENT DESCRIPTION ITEM CODE STATUS (IN) PIPE - A106-B BE SMLS T01AC03V02 S-XS < PIPA010B12XS > (L-6679) FITTINGS CONCENTRIC SWAGE MSS SP-95 - A234-WPB BE PE SMLS SCH1-XS SCH2-XS I919590 R21FQC04VZ01 < CSWA010GR14161316 > (L-CSW29) <SOKA300LB01410> (L-343) PIPE SUPPORTS STAKES SUPPORTS ST01 HEA100 762 WELDED ANCHOR -C1B2 H = 100 L = 120762 PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A11/2XS > (L-6679) 1132777 2 4 M FITTINGS 90 ELBOW ASME B16.11 3000# A105N SWE SWE - R31FNC441103 NREOD 11651295 <90FA300LBK1/2>(L-178) SPECIALTY COMPONENT 19-ST-9138 SPECIALTY COMPONENT 1/2 19-ST-9162 SPECIALTY COMPONENT 19-ST-9161 FLANGES 1 SW FLANGE ASME B16.5 150# A105N RFFE SWE 125 - 250 AARH F02CDC44B105 S-XS 15378345 <SWFA300R1511/2XS> (L-295) 2 SW FLANGE ASME B16.5 150# A105N RFFE SWE 125 - 250 AARH F02CDC44B105 S-XS I5378341 <SWFA300R151/2XS> (L-295) GASKETS 3 SPIRAL WOUND GASKET ASME B16.20 150# RFTBE 316/GRAP CARBON STEEL SS 316 I1256089 ASME B16.5. G03GDP1IA01 <SPWO400R11/2> (L-1527) 14 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 153437179 <SB2R51G1/221/2> - 2 NUTS PER BOLT - 60 mm Length ALVES / IN-LINE ITEMS 5 GATE VALVE API 602 800# A105N SWE SWE 5-HARDFACED API 602 B7/2H BB-OS&Y SOW 1/2 I11426463 API 602 HW V01GIC441111 NREQD < G61_2L-6566> (L-6566)

	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.								
4 22:29:51	5) GUSSETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER 45-L-45-000-2-00-80004 / 4274-XH-SG-000000002. 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.								Si
-205	SUPPORTS LEGEND: Denotes Parts List no Support — A=resting support G=Guide F=AVIAL STOP B=ANCHOR M=SPRING S=TEFLON PAD WHERE A WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.						STRUCTURE.		
25-01								STRESS CALC. Nº	TITL
Ë								P & ID 19-A-19-000-1-01-00001 sheet 117	13
DA	00	ISSUED FOR CONSTRUCTION	29-JAN-24	M.YADAV	P.VAZE	G.PAGANONI		LINE LIST N° 19-L-19-000-2-00-80602	
EXTR.	REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	PIPE LAYOUT N° 19-L-19-000-2-00-86197 sheet 2	

Signature for construction is shown on Iso list of relevant CWA

APPROVED FOR

CONSTRUCTION

PIPE MATERIAL

HEAT TREATMENT (PWHT)

PAINTING SCHEME (3)

INSULATION CODE / THK. (mm)

CS

ISOMETRIC DRAWING LINE

2"-LC-91A52-B-5 (P)

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

CONTRACTOR:

REPSQL

ANNEX

Art 4.3

DRAWING NUMBER

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-2121LC91A52-2 WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL) CLIENT / COMPLEX AND POLYPROPYLENE (PP) PLANTS PED CATEGORY

FOR PROJECT - ALBA PROJECT

REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX 00 19-000-2-02-00001 sheet 2121LC91A52-2

PROJECT:

FILENAME: 19-000-2-02-00001 sheet 2121LC91A52-2.dwg