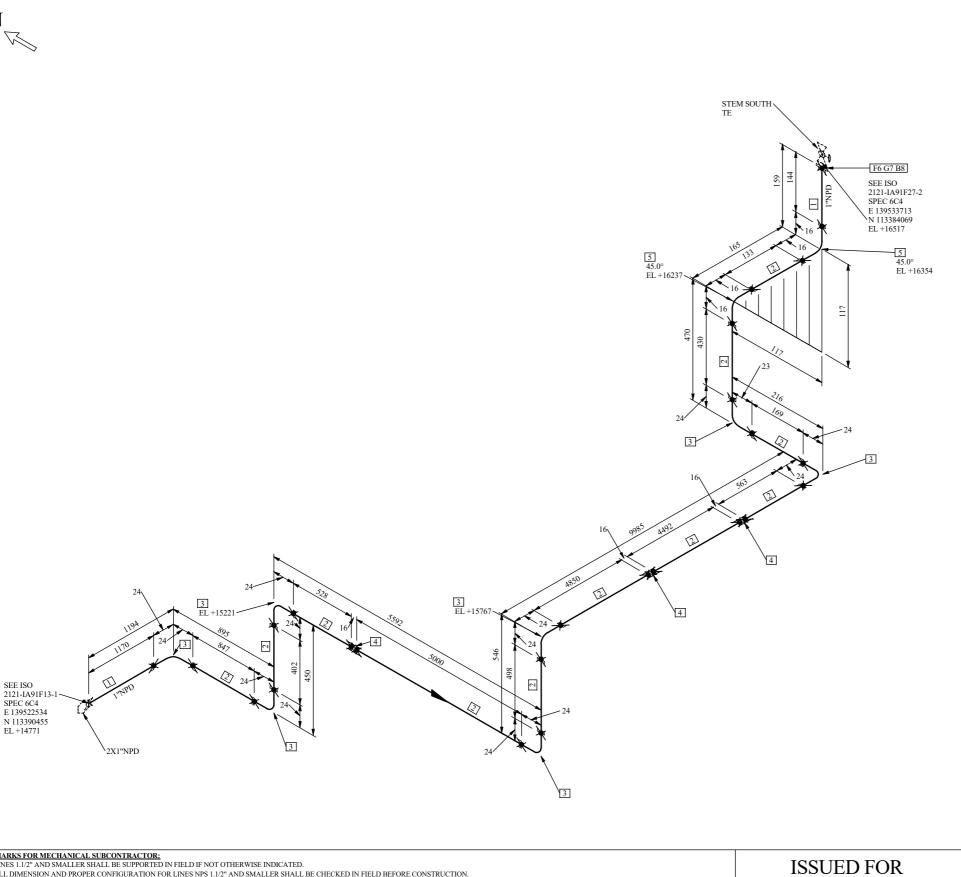
SEE ISO 2121-IA91F13-1 SPEC 6C4 E 139522534 N 113390455 REMARKS FOR MECHANICAL SUBCONTRACTOR:

1) LINES 1.1/2" AND SMALLER SHALL BE SUPPORTED IN FIELD IF NOT OTHERWISE INDICATED. PIPE MATERIAL NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST. **ISSUED FOR** 2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102 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 304, dual grade 3. WELDING ACCORDING TO 45-L-45-000-2-00-80021 REFERENCE 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 HEAT TREATMENT (PWHT) 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. PAINTING SCHEME (3) CONTRACTOR: 8) ACTUAL CUT LENGTH OF PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-00000603 CONTRACTOR DRAWING NUMBER: NR Signature for construction is shown A=RESTING SUPPORT G=GUIDE F=AXIAL 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. PIPING CLASS DENOTES PARTS LIST NO PIPE SUPPORT 4274-XH-DL-2121IA91F27-1 SUPPORTS LEGEND: on Iso list of relevant CWA TRESS CALC. No WELDING CLASS (4) ISSUED FOR REFERENCE 12-APR-24 M.YADAV P.VAZE G.PAGANONI ISOMETRIC DRAWING 16-DEC-23 PED CATEGORY ISSUED FOR REFERENCE M.YADAV P.VAZE G.PAGANONI 19-A-19-000-1-01-00001 sheet 106 REPSQL LINE Art 4.3 ISSUED FOR REFERENCE 30-JUN-23 U.CHAVAN P.VAZE G.PAGANONI 19-L-19-000-2-00-80602 INSULATION CODE / THK. (mm) DRAWING NUMBER 19-000-2-02-00001 sheet 2121IA91F27-1 ANNEX PIPE LAYOUT Nº 1"-IA-91F27-6C4 REV. DESCRIPTION CHECK BY APPR. BY 19-L-19-000-2-00-86196 sheet 5



BILL OF MATERIAL				
PT NO COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATU
PIPE				
1 PIPE - A312-TP304/304L DUAL GR PE SMLS T01AL2CZ02 S-40S <pipb04da2140s></pipb04da2140s>	1	12257939	1.4 M	
(L-PIP111).  PIPE - A312-TP304/304L DUAL GR PE SMLS T01AL2CZ02 S-40S < PIPB04DA2140S > (L-PIP111)	1	12257939	18.0 M	
FITTINGS				
3 90 ELBOW ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE - R31FNL2A1103 NREOD < 90FB450LBK1> (L-90F05)	1	12258117	7	
4 COUPLING ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE - R01FNL2A1101 NREOD <fcpb450lbk1> (L-FCP08)</fcpb450lbk1>	1	I2258105	3	
5 45 ELBOW ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE - R32FNL2A1101 NREQD <45FB450LBK1> (L-45F04)	1	I2258129	2	
FLANGES				
6 SW FLANGE ASME B16.5 150# A182-F304/304L DUAL GR RFFE SWE 125 - 250 AARH F02CDL2AB105 S-40S <swfb450r15140s> (L-SWF30).</swfb450r15140s>	1	I2260363	1	
GASKETS				
7 SPIRAL WOUND GASKET ASME B16.20 150# RFTBE 304/GRAFOIL SS 304 SS 304 ASME B16.5 G03GDP1IS04 <n a=""> (N/A)</n>	1	11654482	1	
BOLTS				
8 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B8M CL2/A194-8MA INCH SIZE I010B1601 <sb2r58g1 2="" 221=""> - 2 NUTS PER BOLT - 65 mm Length</sb2r58g1>	1/2	I63801410	4	

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

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

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

4001008

PROJECT:

FILENAME: 19-000-2-02-00001 sheet 2121IA91F27-1.dwg