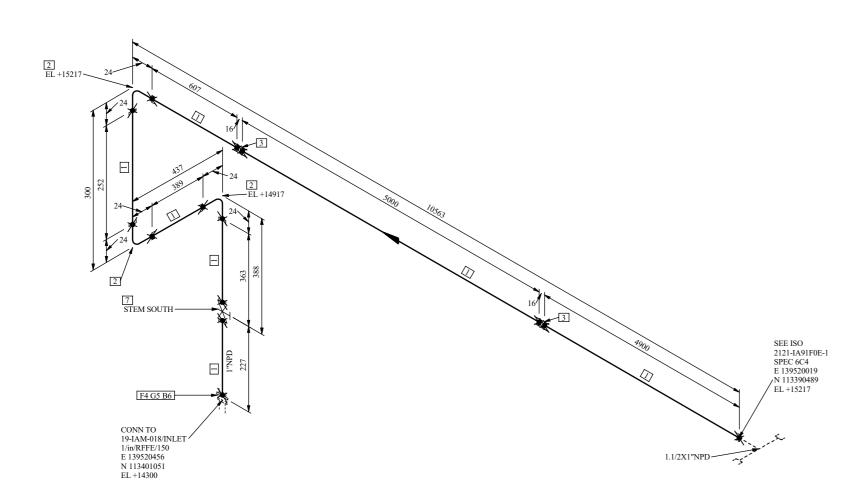
REMARKS FOR MECHANICAL SUBCONTRACTOR:

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 - A312-TP304/304L DUAL GR PE SMLS T01AL2CZ02 S-40S < PIPB04DA2140S > 12257939 11.7 M (L-PIP111) 90 ELBOW ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE - R31FNL2A1103 12258117 NREQD <90FB450LBK1> (L-90F05) COUPLING ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE - R01FNL2A1101 12258105 NREQD <FCPB450LBK1> (L-FCP08) SW FLANGE ASME B16.5 150# A182-F304/304L DUAL GR RFFE SWE 125 - 250 AARH 12260363 F02CDL2AB105 S-40S <SWFB450R15140S> (L-SWF30) SASKETS SPIRAL WOUND GASKET ASME B16.20 150# RFTBE 304/GRAFOIL SS 304 SS 304 ASME I1654482 B16.5 G03GDP1IS04 < N/A > (N/A) BOLTS STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B8M CL2/A194-8MA INCH SIZE I63801410 I01OB1601 <SB2R58G1/221/2> - 2 NUTS PER BOLT - 65 mm Length GATE VALVE API 602 800# A182-F316/316L DUAL GR SWE SWE 12-316&HF API 602 13404187 A193-B8M CL2/8MA BB-OS&Y SOW API 602 HW V01GIL1M114N NREQD <G61L-AL021> (L-AL021)

	2) ALI	LINES 1.1/2. AND SMALLER SHALL BE SUPPORTED IN PIELD IF NOT OTHERWISE INDICATED. AND SMALLE MINISTOR 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							
07:53:56	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.								Si
SUPPORTS LEGEND: Denotes parts list no pipe — A=resting support G=guide F=axial stop B=anchor M=spring S=tiflon pad where without numbering is indicated, this means that there is a rest directly on steel structure.									
.6-07								STRESS CALC. N°	TITL
TE:								P & ID 19-A-19-000-1-01-00001 sheet 106] 13
DA	00	ISSUED FOR REFERENCE	28-JUL-23	U.CHAVAN	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 № 19-L-19-000-2-00-86197 sheet 4	

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

ISSUED FOR

PIPE MATERIAL

304, dual grade

HEAT TREATMENT (PWHT)

INSULATION CODE / THK. (mm)

ISOMETRIC DRAWING LINE

1"-IA-91F0F-6C4

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

5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "<N/A>" MEANS UNICODE IS "NOT AVAILABLE" PAINTING SCHEME (3) CONTRACTOR: CONTRACTOR DRAWING NUMBER: PROJECT:

DRAWING NUMBER

NR 4001008 PIPING CLASS 4274-XH-DL-2121IA91F0F-1 6C4 WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL)

AND POLYPROPYLENE (PP) PLANTS PED CATEGORY FOR PROJECT - ALBA PROJECT REPSQL Art 4.3

ANNEX

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

00

19-000-2-02-00001 sheet 2121IA91F0F-1

FILENAME: 19-000-2-02-00001 sheet 2121IA91F0F-1.dwg