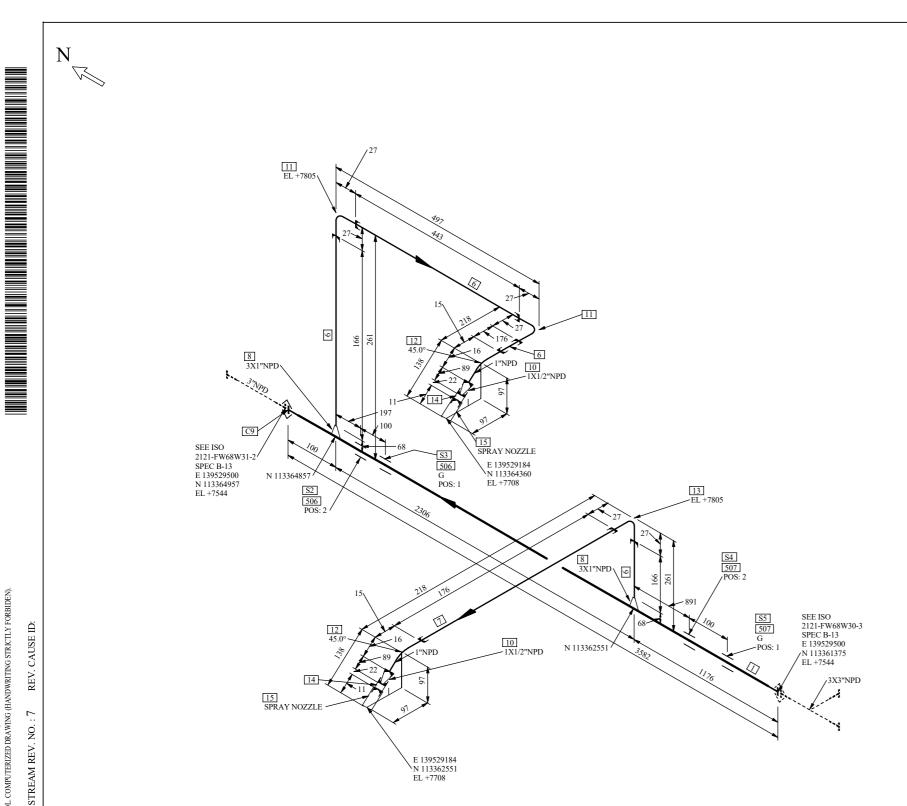
REMARKS FOR MECHANICAL SUBCONTRACTOR:

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 - A53-B GALV PE SMLS T01AC11Z02 S-STD < PIPG010A13STD > (L-11). PIPE SUPPORTS VERTICAL STAKES WELDED TO STR. ST42 L100X100X10 STANDARD GUIDE FOR NOT INS. GALV.PIPING-N3G1 506 VERTICAL STAKES WELDED TO STR. ST42 L100X100X10 STANDARD GUIDE FOR NOT INS. GALV.PIPING-N3G1 PIPE - A53-B GALV MTE SMLS T01AC11W02 S-XS < PIPG010C11XS > (N/A) I145594 1.0 M PIPE - A53-B GALV MTE SMLS T01AC11W02 S-XS < PIPG010C11XS > (N/A). I145594 0.2 M MECHANICAL-T MFTR 150# A536 GR. 65-45-12 GALV MGE FTE - R89ADA246204 NREOD 3X1 163999962 <VM2I01024S51512> (L-VM201) RIGID COUPLING MFTR 150# A536 GR. 65-45-12 GALV FGE FGE EPDM MANUFACTURER 3 152837076 STD R80ADA24YY02 < VRCI01043S53 > (L-VRC01) CONCENTRIC SWAGE MSS SP-95 - A105 GALV MTE MTE SMLS SCH1-XS SCH2-XS I4198150 R21FOC02WW01 < CSWG010DR12161016 > (L-CSW28) 90 ELBOW ASME B16.11 3000# A105 GALV FTE FTE - R31FNC022203 NREQD I214920 <90TG300KBK1>(L-8907) 2 45 ELBOW ASME B16.11 3000# A105 GALV FTE FTE - R32FNC022201 NREQD I214932 <45TG300KBK1> (L-8908). 90 ELBOW ASME B16.11 3000# A105 GALV FTE FTE - R31FNC022203 NREQD I214920 <90TG300KBK1> (L-8907). 4 COUPLING ASME B16.11 3000# A105 GALV FTE FTE - R01FNC022201 NREQD 1214895 <FCPG300KBK1/2>(L-8910) 5 SPECIALTY COMPONENT SPRAY NOZZLE 2

9	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. 5) GUSSETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER 45-L-45-000-2-00-80004 / 4274-XH-SG-00000002.								CONSTRUCTION
3 10:16:06	6) CROSSING BETWEEN WELDS ON PIPELINES 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.								Signature for construction is shown
-202	SUPPORTS LEGEND: DENOTES PARTS LIST NO SUPPORT — A=RESTING SUPPORT G=GUIDE F=AXIAL STOP B=ANCHOR M=SPRING S=TEFLON PAD WHERE AWITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.							on Iso list of relevant CWA	
8-01								STRESS CALC. N°	TITLE
TE: 2								P & ID 19-A-19-000-1-01-00001 sheet 124	ISOMETRIC DRAWING
. DA	00	ISSUED FOR CONSTRUCTION	27-JAN-23	U.CHAVAN	P.VAZE	G.PAGANONI		LINE LIST N° 19-L-19-000-2-00-80602	LINE
EXTR	REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	ADDD CLIENT	PIPE LAYOUT № 19-L-19-000-2-00-86192 sheet 2	3"-FW-68W31-B-13

APPROVED FOR

CS, Galvanized HEAT TREATMENT (PWHT) PAINTING SCHEME (3)

INSULATION CODE / THK. (mm)

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

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: CONTRACTOR DRAWING NUMBER: PROJECT: PIPING CLASS 4001008

WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS PED CATEGORY FOR PROJECT - ALBA PROJECT Art 4.3

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

REPSQL DRAWING NUMBER ANNEX 00 19-000-2-02-00001 sheet 2121FW68W31-1

4274-XH-DL-2121FW68W31-1