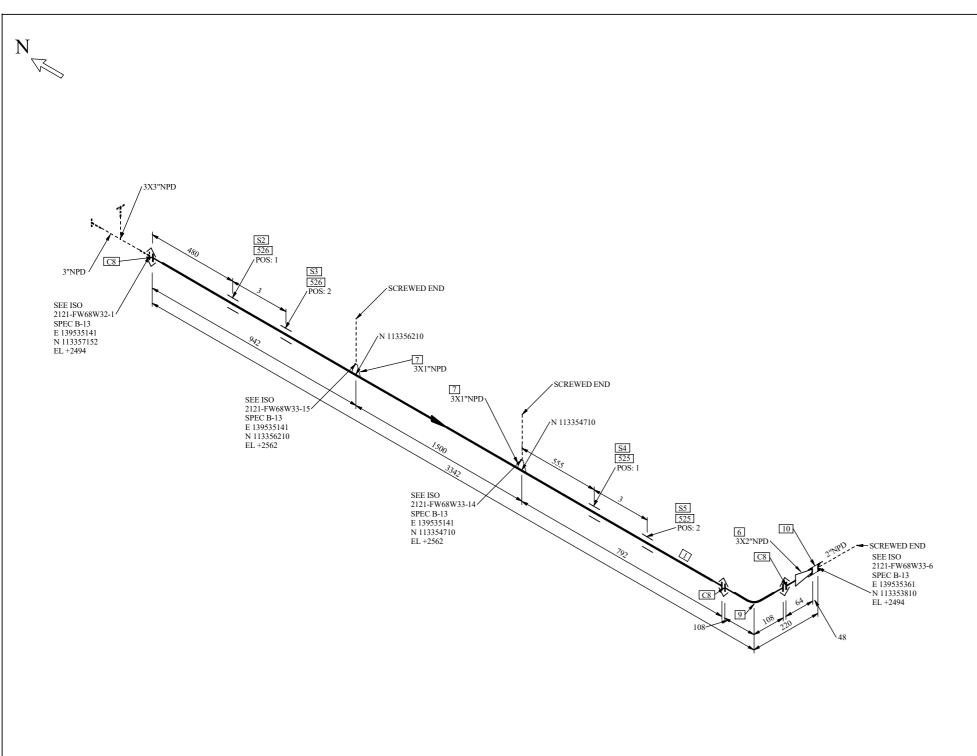
REV. CAUSE ID:

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 PIPE - A53-B GALV PE SMLS T01AC11Z02 S-STD < PIPG010A13STD > (L-11). I1179807 PIPE SUPPORTS U BOLT (FOR GUIDE)-P02D STAKES SUPPORTS ST02 HEA120 526 U BOLT (FOR GUIDE)-P02D 525 STAKES SUPPORTS ST02 HEA120 525 FITTINGS GROOVED END CONC RED MFTR 150# A536 GR. 65-45-12 GALV MGE MTE -158908746 R85ADA246W03 Undefined < VR1I0105S1514> (L-VR101) MECHANICAL-T MFTR 150# A536 GR. 65-45-12 GALV MGE FTE - R89ADA246204 NREQD 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) GROOVED END 90 ELBOW MFTR 150# A536 GR. 65-45-12 GALV MGE MGE -152836902 R81ADA246602 NREQD < V9AI0107S15> (L-V9A01). COUPLING ASME B16.11 3000# A105 GALV FTE FTE - R01FNC022201 NREQD I214900 <FCPG300KBK2> (L-8910)

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. 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.								CONSTRUCTION
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. SUPPORTS LEGEND: DENOTES PARTS LIST NO PIPE								Signature for construction is show on Iso list of relevant CWA
							STRESS CALC. N°	TITLE
							P & ID 19-A-19-000-1-01-00001 sheet 124	ISOMETRIC DRAWIN
00	ISSUED FOR CONSTRUCTION	27-JAN-23	U.CHAVAN	P.VAZE	G.PAGANONI		LINE LIST N° 19-L-19-000-2-00-80602	LINE
REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	PIPE LAYOUT N° 19-L-19-000-2-00-86192 sheet 1	3"-FW-68W33-B-13

APPROVED FOR PAINTING SCHEME (3) construction is shown PIPING CLASS t of relevant CWA WELDING CLASS (4) RIC DRAWING PED CATEGORY

PIPE MATERIAL CS, Galvanized HEAT TREATMENT (PWHT)

INSULATION CODE / THK. (mm)

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 DRAWING NUMBER: CONTRACTOR: PROJECT:

4274-XH-DL-2121FW68W33-7 LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT Art 4.3 REPSQL

ANNEX

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

4001008

DRAWING NUMBER 00 19-000-2-02-00001 sheet 2121FW68W33-7