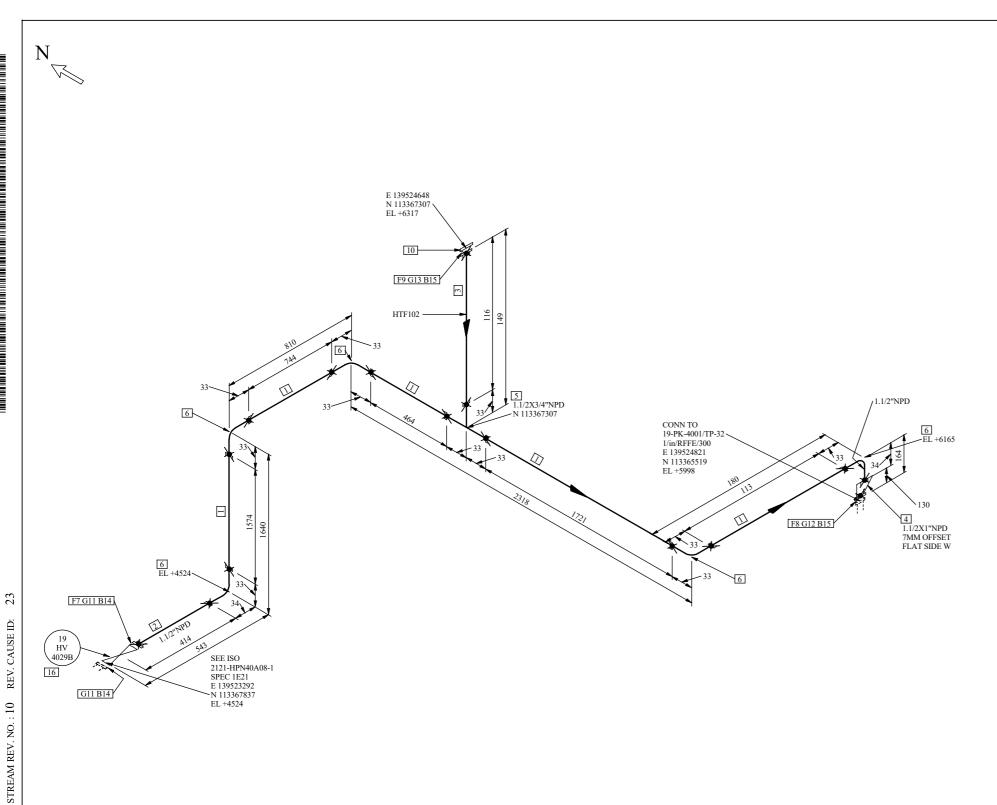
REMARKS FOR MECHANICAL SUBCONTRACTOR:

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



BILL OF MATERIAL HOLD COMPONENT DESCRIPTION STATUS ITEM CODE (IN) PIPE - A106-B PE SMLS T01AC03Z02 S-XS <PIPA010A111/2XS> (L-6679) 1.1/2 I132809 4.7 M PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A111/2XS > (L-6679). 1.1/2 I132809 0.3 M PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A13/4XS > (L-6679) 3/4 I132785 0.1 M FITTINGS ECCENTRIC SWAGE MSS SP-95 - A105N PE PE SMLS SCH1-XS SCH2-XS R22FQC44ZZ01 <ESWA010AR13161216> (L-ESW31) REDUCING TEE ASME B16.11 3000# A105N SWE SWE - R12FNC441101 NREQD 1.1/2X3/4 I1651306 <RTEA300KBK11/23/4> (L-RTE15) 90 ELBOW ASME B16.11 3000# A105N SWE SWE - R31FNC441103 NREOD 11651297 1.1/2LANGES SW FLANGE ASME B16.5 300# A105N RFFE SWE 125 - 250 AARH F02CFC44B105 S-XS 19762192 <SWFA300R3511/2XS> (L-375). SW FLANGE ASME B16.5 300# A105N RFFE SWE 125 - 250 AARH F02CFC44B105 S-XS I4217823 <SWFA300R351XS>(L-375) SW FLANGE ASME B16.5 300# A105N RFFE SWE 125 - 250 AARH F02CFC44B105 S-XS 19762190 0 BLIND FLANGE ASME B16.5 300# A105N RFFE NREQD 125 - 250 AARH F10CFC44B005 I1652375 <BLFA300R353/4> (L-143) SASKETS I63508953 SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 304/GRAFOIL CARBON STEEL SS 304 1.1/2 ASME B16.5 G03GFP1IS12 <N/A> (N/A) SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 304/GRAFOIL CARBON STEEL SS 304 163508951 SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 304/GRAFOIL CARBON STEEL SS 304 3/4 163508950 ASME B16.5 G03GFP1IS12 < N/A> (N/A) I53437635 14 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 <SB2R51G3/431/2> - 2 NUTS PER BOLT - 90 mm Length STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 153437418 <SB2R51G5/831/4> - 2 NUTS PER BOLT - 80 mm Length INSTRUMENTS 16 INSTRUMENT COMPONENT 19-HV-4029B

	1) 21.1	The bounded of the best of the best of the bounded							1
<ol> <li>ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION.</li> <li>FOR THE COMPONENTS MARKED AS FIELD WELDED WITH THIS SYMBOL ✗, ONE WELD FOR ADJUSTMENT OF IN LINE COMPONENT MUST BE LEFT</li> </ol>									
	/	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.									
<del>1</del>	7) IN CASE OF DISCREPANCIES BETWEEN DATA SHOWN ON ISO AND IN LINE LIST (AS APPLICABLE, DATA SHOWN IN LINE LIST GOVERN.  9. ACTUAL CLIFT LOCATION FINE AND PURL DAY LINE LIST (AS APPLICABLE, DATA SHOWN IN LINE LIST GOVERN.								
<ul> <li>♦) ACTUAL CUT LENGTH OF PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-00000603).</li> <li>→ 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 FE0</li> </ul>								EE A 005 A NID EE 010	؍ ا
<u>.</u>	9) WIII	) WHERE EARTHING BONDING IS REQUIRED, MICHANICAL SUBCONTRACTOR TO FERFORM IT BASED ON DOC. 43-P-000-7-00-00902 42/4 - NN-DW-0000002 AND ASSEMBLY NO FEAROS AND FEULS.							. 5
7	CLIDDO	SUPPORTS LEGEND: DENOTES PARTS LIST NO SIPPORT — A = RESTING SUPPORT G = GLIDE F = AXIAL STOP B = ANCHOR M = SPRING S = TEFLON PAD							
SUPPORTS LEGEND: Upenotes paristist no support — where A without numbering is indicated, this means that there is a rest directly of where A without numbering is indicated, this means that there is a rest directly of the support is a support of the support of t								STRUCTURE.	
7								STRESS CALC. Nº	TI
ģ								-	Ι.
DATE: I		ISSUED FOR REFERENCE	16-DEC-23	M.YADAV	P.VAZE	G.PAGANONI		P & ID	٦.
	01							19-A-19-000-1-01-00001 sheet 47	
		ISSUED FOR REFERENCE	14-APR-2023	M.YADAV	P.VAZE	G.PAGANONI		LINE LIST Nº	1
	00							19-L-19-000-2-00-80602	
<b>~</b>								PIPE LAYOUT Nº	1
K	REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	19-L-19-000-2-00-86192 sheet 2	

Signature for construction is shown on Iso list of relevant CWA

**ISSUED FOR** 

REFERENCE

ISOMETRIC DRAWING LINE 1-1/2"-HPN-40S02-1E21

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 CS

ANNEX

HEAT TREATMENT (PWHT)

INSULATION CODE / THK. (mm)

PIPING CLASS

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"

4274-XH-DL-2121HPN40S02-1

PAINTING SCHEME (3) CONTRACTOR: CONTRACTOR DRAWING NUMBER: PROJECT:

DRAWING NUMBER

1E21 WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS PED CATEGORY FOR PROJECT - ALBA PROJECT REPSQL

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

01

4001008

FILENAME: 19-000-2-02-00001 sheet 2121HPN40S02-1.dwg

19-000-2-02-00001 sheet 2121HPN40S02-1