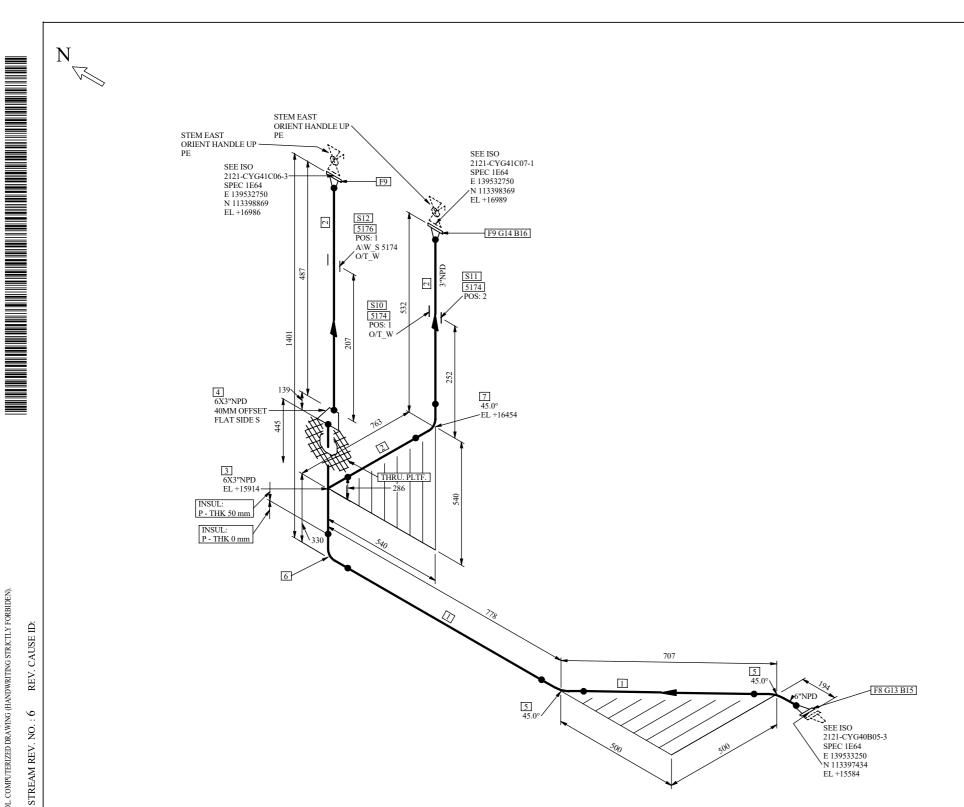
REMARKS FOR MECHANICAL SUBCONTRACTOR:

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 - A106-B BE SMLS T01AC03V02 S-STD < PIPA010B16STD > (L-7806) I117981 1.0 M PIPE - A106-B BE SMLS T01AC03V02 S-STD < PIPA010B13STD > (L-7806) I117921 1.1 M REDUCING 45 LATERAL YH-ST-C09 A234-WPB BE - C34IC04V01 S-STD x <N/A> 6X3 110886544 ECCENTRIC REDUCER ASME B16.9 A234-WPB BE SMLS C22DC04V01 S-STD S-STD I128342 <EREA200F317151515> (L-7959) 45 LR ELBOW ASME B16.9 A234-WPB BE SMLS C02DC04V01 S-STD <45LA200F36STD> I201303 (L-7956) 90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F36STD> I128667 (L-7955) 45 LR ELBOW ASME B16.9 A234-WPB BE SMLS C02DC04V01 S-STD <45LA200F33STD> I201301 (L-7956) LANGES WN FLANGE ASME B16.5 300# A105N RFFE BE 125 - 250 AARH F01CFC44BV05 S-STD I4274965 <WNFA300R356STD>(L-236) WN FLANGE ASME B16.5 300# A105N RFFE BE 125 - 250 AARH F01CFC44BV05 S-STD I4217853 <WNFA300R353STD> (L-236) PIPE SUPPORTS 10 WELDED EXTENSIONS-EW05 DN2 = 2 L = 500 5174 1 VERTICAL TRESTLES TR06 HEA100 5174 12 WELDED EXTENSIONS-EW05 DN2 = 2 L = 500 5176 GASKETS 3 SPIRAL WOUND GASKET ASME B16.20 300# RFFE 304/PTFE CARBON STEEL SS 304 ASME 6 163598782 B16.5 G03GFB1IG12 < SPAO505R3EA6> (L-SPA05) 4 SPIRAL WOUND GASKET ASME B16.20 300# RFFE 304/PTFE CARBON STEEL SS 304 ASME 3 163598763 B16.5 G03GFB1IG12 < SPAQ505R3EA3 > (L-SPA05) 15 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 153437468 <SB2R51G3/45> - 2 NUTS PER BOLT - 125 mm Length STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 I53437465 <SB2R51G3/441/4> - 2 NUTS PER BOLT - 110 mm Length

-2022 11:26:22	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. 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. 457-0007-706-00902/ 4274 -NN-DW-00000002 AND ASSEMBLY NO FEA005 AND FE019.								Si
	SUPPORTS LEGEND: DENOTES PARTS LIST NO SUPPORT — A=RESTING SUPPORT G=GUDE F=AXIAL STOP B=ANCHOR M=SPRING S=TEFLON PAD WHERE WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.							31,	
5-11								STRESS CALC. № REP-PE-103	TITL
DATE: 2								P & ID 19-A-19-000-1-01-00001 sheet 29	
	00	ISSUED FOR CONSTRUCTION	25-NOV-22	M.YADAV	P.VAZE	G.PAGANONI		LINE LIST N° 19-L-19-000-2-00-80602	
XTR	REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	PIPE LAYOUT N° 19-I -19-000-2-00-86197 sheet 5]

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

6"-CYG-40B05-1E64 (P)

APPROVED FOR

ISOMETRIC DRAWING LINE

PIPE MATERIAL

HEAT TREATMENT (PWHT)

CS

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:

PIPING CLASS 4001008 4274-XH-DL-2121CYG40B05-4 1E64 WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS PED CATEGORY

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

00

FOR PROJECT - ALBA PROJECT REPSQL INSULATION CODE / THK. (mm) ANNEX DRAWING NUMBER 19-000-2-02-00001 sheet 2121CYG40B05-4