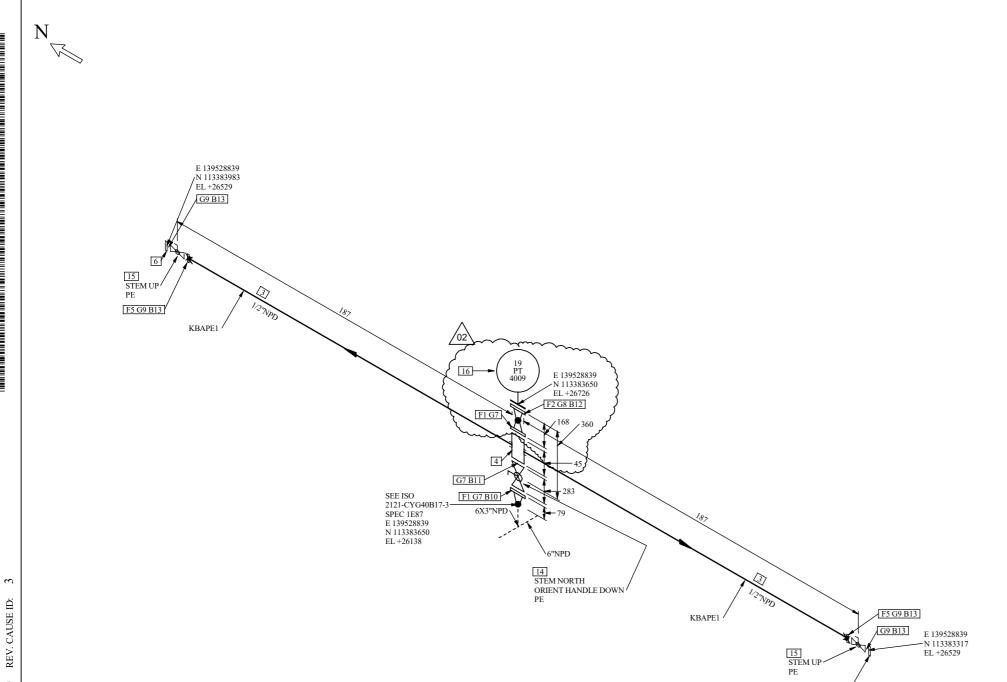
REMARKS FOR MECHANICAL SUBCONTRACTOR:

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

2) ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION. B) FOR THE COMPONENTS MARKED AS FIELD WELDED WITH THIS SYMBOL Ж, ONE WELD FOR ADJUSTMENT OF IN LINE COMPONENT MUST BE LEFT



BILL OF MATERIAL HOLD COMPONENT DESCRIPTION STATUS ITEM CODE QTY (IN) FLANGES WN FLANGE ASME B16.5 300# A105N RFFE BE 125 - 250 AARH F01CFC44BV05 S-STD I4217853 <WNFA300R353STD> (L-236) WN FLANGE ASME B16.5 600# A105N RFFE BE 125 - 250 AARH F01CHC44BV05 S-STD I4217826 <WNFA3004653STD> (L-248) PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A11/2XS > (L-6679) I132777 0.2 M FITTINGS DRIP RING YH-ST-D08 300# A516-70 NORM. FFTBE 125 - 250 AARH SUPPL. REQ. S5 15407995 ASME B16.5 D0108FC65O02 NREOD < N/A > (N/A) SW FLANGE ASME B16.5 300# A105N RFFE SWE 125 - 250 AARH F02CFC44B105 S-XS 19762189 BLIND FLANGE ASME B16.5 300# A105N RFFE NREQD 125 - 250 AARH F10CFC44B005 11652374 <BLFA300R351/2> (L-143) SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 316/GRAFOIL CARBON STEEL SS 316 3 160205412 ASME B16.5 G03GFP1IQ01 <SPAQ504R3EA3> (L-SPA01) SPIRAL WOUND GASKET ASME B16.20 600# RFTBE 316/GRAFOIL CARBON STEEL SS 316 3 160880978 ASME B16.5 G03GHP1IQ01 <SPAQ50746EA3> (L-SPA08) SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 316/GRAFOIL CARBON STEEL SS 316 1/2 160205405 ASME B16.5 G03GFP1IQ01 < SPAQ504R3EA1/2> (L-SPA01) 153437465 10 STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE 1010B0301 <SB2R51G3/441/4> - 2 NUTS PER BOLT - 110 mm Length 153437475 STLID BOLTS&NUTS ASME B18 31 2/ B18 2 2 A193-B7/A194-2H INCH SIZE 1010B0301 <SB2R51G3/461/4> - 2 NUTS PER BOLT - 160 mm Length STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 153437469 <SB2R51G3/451/4> - 2 NUTS PER BOLT - 130 mm Length STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I010B0301 I53437190 <SB2R51G1/221/2> - 2 NUTS PER BOLT - 65 mm Length 14 BALL VALVE BS EN ISO 17292 300# A216-WCB RFFE 316/PEEK B7/2H 125 - 250 AARH 16964310 2PSB-FULL BORE FLOATING BALL LE ASME B16.5 V04FFC29BNO NREQD <B43L-AL268> 5 BALL VALVE API 608 300# A216-WCB RFFE 316/PEEK B7/2H 125 - 250 AARH 1/2 164811253 2PSB-FULL BORE FLOATING BALL OHW ASME B16.5 V04JFC29BNN NREOD <N/A> (N/A) INSTRUMENTS 16 INSTRUMENT COMPONENT 19-PT-4009

	4) FOR	EXTRA PIPE LENGTH REFER TO 4274-LZ-PC-00000603.							CONSTRUCTION
4	5) GUSSETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER 45-L-45-000-2-00-80004 / 4274-XH-SG-00000002.								
.: I	6) CROSSING BETWEEN WELDS ON PIPELINE SHALL NOT BE ADMITTED.								
٦ I	7) IN CASE OF DISCREPANCIES BETWEEN DATA SHOWN ON ISO AND IN LINE LIST (AS APPLICABLE, DATA SHOWN IN LINE LIST GOVERN.								
1.	8) ACTUAL CUT LENGTH OF PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF.TO 4274-LZ-PC-00000603).								
<u> </u>	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
z	TIDENOTES PAPTS LIST NO PIPE — A=RESTING SUPPORT G=GUIDE F=AXIALSTOP B=ANCHOR M=SPRING S=TEFLON PAD							TOWARD	
⊃' I	SUPPORTS LEGEND: DENOTES PARTS LIST NO PIPE A RESTING SUPPORT G = GUIDE 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.							CTRICTIBE	on Iso list of relevant CWA
7 [WILEAD WITHOUT NOWIERRING INDICATED, THIS WEARS THAT THERE IS A REST DIRECTED ON STEELE STRUCTURE.								
= 1								STRESS CALC. No	TITLE
۱ ۲	02	ISSUED FOR CONSTRUCTION	24-NOV-23	M.YADAV	P.VAZE	G.PAGANONI		REP-PE-001	
51 F								200	ISOMETRIC DRAWING
[01	ISSUED FOR CONSTRUCTION	18-AUG-23	M.YADAV	P.VAZE	G.PAGANONI		P&ID	ISOMETRIC DIVAMING
KTE								19-A-19-000-1-01-00001 sheet 29	T IND
۷ ا		MALIER FOR GOVERNACTION			B	G D. G. N. G. N. G. N.		LINE LIST Nº	LINE
9	00	ISSUED FOR CONSTRUCTION	11-NOV-22	M.YADAV	P.VAZE	G.PAGANONI		19-L-19-000-2-00-80602	
걸 1								PIPE LAYOUT N°	211 ONG 10D15 1E05 (DG)
≥ 1	REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	ADDD CLIENT		3"-CYG-40B17-1E87 (PS)
mi 🖡								19-L-19-000-2-00-86196 sheet 7	()

CONSTRUCTION Signature for construction is shown

APPROVED FOR

HEAT TREATMENT (PWHT) PAINTING SCHEME (3)

INSULATION CODE / THK. (mm)

PIPE MATERIAL

PIPING CLASS

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

4274-XH-DL-2121CYG40B17-5

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

DRAWING NUMBER

1E87 WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS PED CATEGORY FOR PROJECT - ALBA PROJECT REPSQL

ANNEX

CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX

4001008

19-000-2-02-00001 sheet 2121CYG40B17-5