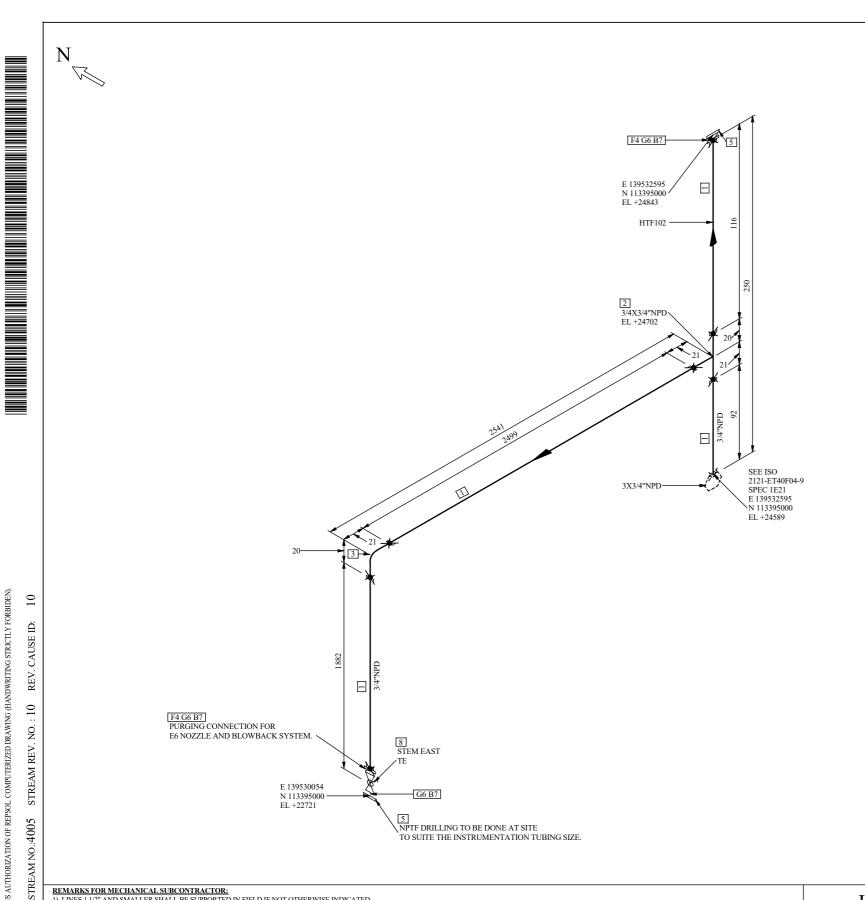
REMARKS FOR MECHANICAL SUBCONTRACTOR:

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

DESCRIPTION

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



BILL OF MATERIAL HOLD COMPONENT DESCRIPTION ITEM CODE QTY STATUS (IN) PIPE - A106-B PE SMLS T01AC03Z02 S-XS < PIPA010A13/4XS> (L-6679) I132785 FITTINGS TEE ASME B16.11 3000# A105N SWE SWE - R11FNC441101 NREQD <TESA300LBK3/4> 3/4X3/4 I1651300 90 ELBOW ASME B16.11 3000# A105N SWE SWE - R31FNC441103 NREQD I1651298 <90FA300LBK3/4> (L-178) FLANGES SW FLANGE ASME B16.5 300# A105N RFFE SWE 125 - 250 AARH F02CFC44B105 S-XS 19762190 <SWFA300R353/4XS> (L-375) BLIND FLANGE ASME B16.5 300# A105N RFFE NREQD 125 - 250 AARH F10CFC44B005 I1652375 <BLFA300R353/4> (L-143) GASKETS 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) 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 VALVES / IN-LINE ITEMS BALL V-FLT-SS-FB API 608 300# A216-WCB RFFE 316/R-PTFE, GF B7/2H 125 - 250 I64812611 AARH 2PSB-FULL BORE FLOATING BALL OHW TIGHT SHUT-OFF (TSO) ASME B16.5 V1FJFC29BZZH NREQD <N/A> (N/A) 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 3. WELDING ACCORDING TO 45-L-45-000-2-00-80021 HEAT TREATMENT (PWHT) 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-2121ET40F04-15 1E21 WELDING CLASS (4) LOW LINEAL DENSITY POLYETHILENE (PEL) CLIENT / COMPLEX AND POLYPROPYLENE (PP) PLANTS REPSOL POLYMEROS/ PED CATEGORY FOR PROJECT - ALBA PROJECT SINES INDUSTRIAL COMPLEX REPSQL INSULATION CODE / THK. (mm) DRAWING NUMBER ANNEX 02 19-000-2-02-00001 sheet 2121ET40F04-15

	- /	TOK THE COME ONE AT SMAKKED AS THEED WEEDED WITH THIS STANDOL A., ONE WEED TOK ADJUSTMENT OF IN EINE COME ONE AT MICE.								
	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	6) CRC	CROSSING BETWEEN WELDS ON PIPELINE SHALL NOT BE ADMITTED.								
3   1	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).										
,	- /	RE EARTHING BONDING IS REQUIRED, MECHANICAL SUBCONTRACTOR TO PERFORM IT	OW-00000002 AND ASSEMBLY NO FEA005 AND FE019			۵٠				
7) THERE ENGINEED IN DEPOSITION IN PROCEED, THE PROCESSING TO LEAD OR HIS DESIGNATION OF THE PROCESSING AND ASSESSED IN CLEANING.								TENOOSTIND TEOTS.	Sig	
1		PPORTS LEGEND: DENOTES PARTS LIST NO PIPE — A - RESTING SUPPORT G - GUIDE F - AXIAL STOP B - ANCHOR M - SPRING S - TEHLON PAD WHERE A DISTRIBUTE OF THIS MEANS THAT THERE IS A DEST, DISCRIPTION ON STEEL STOP IN THE STOP IN THE SPRING S - TEHLON PAD WHERE A DISTRIBUTE OF THE STOP IN THE SPRING S - TEHLON PAD WHERE A DISTRIBUTE OF THE STOP IN THE SPRING S - TEHLON PAD WHERE A DISTRIBUTE OF THE STOP IN THE SPRING S - TEHLON PAD WHERE A DISTRIBUTE OF THE STOP IN							-	
?   <u>S</u>	UPPC	ORTS LEGEND: I DENOTES PARTS LIST NO SUPPORT WHERE A WITHOUT WHERE A WITHOUT SUPPORT	MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.							
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: 1								STRESS CALC. No	TITLE	
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5 6	2	ISSUED FOR REFERENCE		M. I ADA V	P.VAZE	G.PAGANONI			J TO	
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i 01	1	ISSUED FOR REFERENCE	08-DEC-23	U.CHAVAN	P.VAZE	G.PAGANONI		19-A-19-000-1-01-00001 sheet 36	1	
: H						<del>                                     </del>			┥	
: Loc	۱ ۱	ISSUED FOR REFERENCE		U.CHAVAN	P.VAZE	G.PAGANONI		LINE LIST Nº		
1 1 00	00							19-L-19-000-2-00-80602		

DRW. BY

CHECK BY

APPR. BY

PIPE LAYOUT No

19-L-19-000-2-00-86197 sheet 6

APPR. CLIENT

ignature for construction is shown on Iso list of relevant CWA SOMETRIC DRAWING LINE

3/4"-ET-40F04-1E21

**ISSUED FOR** 

REFERENCE