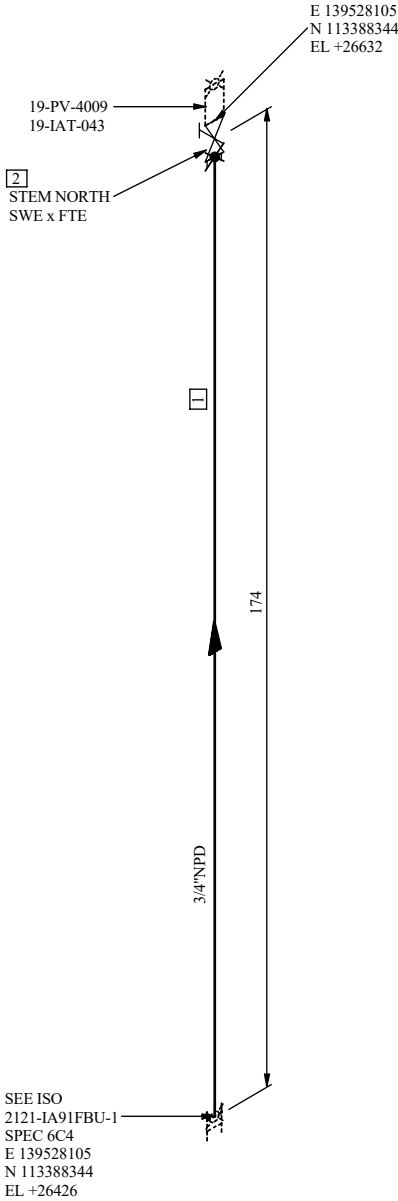







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EXTR. DATE: 19-08-2023 06:53:00      STREAM NO.: 3250      STREAM REV. NO. : 10      REV. CAUSE ID:



**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.  
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. 45-P-000-7-06-00902/ 4274 -NN-DW-00000002 AND ASSEMBLY NO FEA005 AND FE019.



**SUPPORTS LEGEND:**     DENOTES PARTS LIST NO     PIPE SUPPORT     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.

							STRESS CALC. N°
							-
							P & ID 19-A-19-000-1-01-00001 sheet 106
00	ISSUED FOR REFERENCE	18-AUG-23	U.CHAVAN	P.VAZE	G.PAGANONI		LINE LIST N° 19-L-19-000-2-00-80602
REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	PIPE LAYOUT N° 19-L-19-000-2-00-86196 sheet 7

ISSUED FOR REFERENCE

Signature for construction is shown on Iso list of relevant CWA

TITLE  
**ISOMETRIC DRAWING LINE**  
3/4"-IA-91FBT-6C4

BILL OF MATERIAL					
PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATUS
PIPE					
1	PIPE - A312-TP304/304L DUAL GR PE SMLS T01AL2CZ02 S-40S <PIPB04DA23/440S> (L-PIP111)	3/4	I2257938	0.2 M	
VALVES / IN-LINE ITEMS					
2	GATE VALVE API 602 800# A182-F316/316L DUAL GR SWE FTE 12-316&HF API 602 A193-B8M CL2/8MA BB-OS&Y SOW API 602 HW V01GIL1M124N NREQD <G73_4L-AL024> (L-AL024)	3/4	I3404090	1	
PIPE MATERIAL		<b>NOTES:</b> 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. 4. PAINTING ACCORDING TO 45-A-45-000-1-00-20160. 5. CODE SHOWN IN BOM BETWEEN "<" & ">" DENOTES REPSOL UNICODE. "<N/A>" MEANS UNICODE IS "NOT AVAILABLE".			
304, dual grade					
HEAT TREATMENT (PWHIT) N					
PAINTING SCHEME (3) NR		CONTRACTOR:	CONTRACTOR DRAWING NUMBER:	PROJECT:	
PIPING CLASS 6C4			4274-XH-DL-2121IA91FBT-1	4001008	
WELDING CLASS (4) M					
PED CATEGORY Art 4.3		<div>LOW LINEAL DENSITY POLYETHILENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT</div> <div> CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX</div>			
INSULATION CODE / THK. (mm) N 0					
ANNEX 19		SPEC. L	DRAWING NUMBER 19-000-2-02-00001 sheet 2121IA91FBT-1		
			REV. 00		