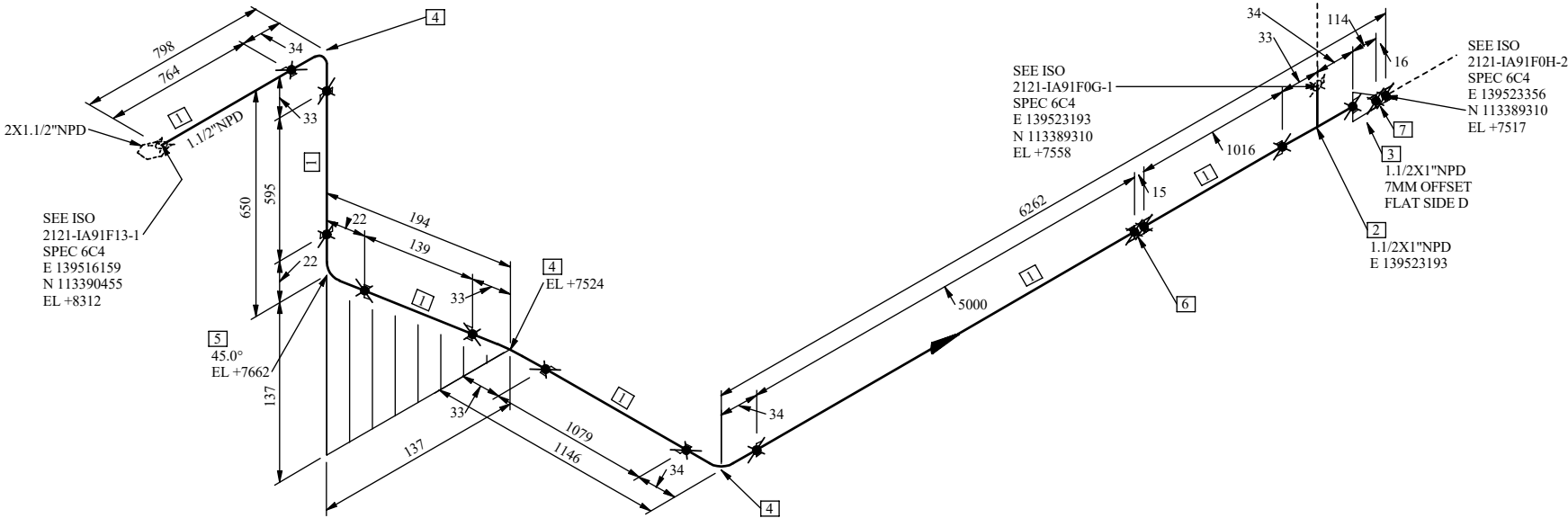


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EXTR. DATE: 29-07-2023 07:55:23

STREAM NO.:3250

REV. CAUSE ID:



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 <PIPB04DA211/240S> (L-PIP111)	1.1/2	12257941	8.6 M	
FITTINGS					
2	REDUCING TEE ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE - R12FNL2A1101 NREQD <RTEB450LBK11/21> (L-RTE18)	1.1/2X1	12258217	1	
3	ECCENTRIC SWAGE MSS SP-95 - A182-F304/304L DUAL GR PE PE SMLS SCH1-40S SCH2-40S R22FQL2AZZ04 <ESWB04DAR13011201> (L-ESW23)	1.1/2X1	158060821	1	
4	90 ELBOW ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE - R31FNL2A1103 NREQD <90FB450LBK11/2> (L-90F05)	1.1/2	12258119	3	
5	45 ELBOW ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE - R32FNL2A1101 NREQD <45FB450LBK11/2> (L-45F04)	1.1/2	12258131	1	
6	COUPLING ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE - R01FNL2A1101 NREQD <FCPB450LBK11/2> (L-FCP08)	1.1/2	12258107	1	
7	COUPLING ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE - R01FNL2A1101 NREQD <FCPB450LBK1> (L-FCP08)	1	12258105	1	

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	28-JUL-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-19-000-2-00-86197 sheet 3

ISSUED FOR REFERENCE

Signature for construction is shown on Iso list of relevant CWA

ISOMETRIC DRAWING LINE

1-1/2"-IA-91F0H-6C4

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. 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)			CONTRACTOR:	CONTRACTOR DRAWING NUMBER:	PROJECT:	
NR						
PIPING CLASS			DRAWING NUMBER	4274-XH-DL-2121IA91F0H-1	4001008	
6C4						
WELDING CLASS (4)		LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT				
M						
PED CATEGORY		CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX				
Art 4.3						
INSULATION CODE / THK. (mm)		ANNEX 19	SPEC. L	DRAWING NUMBER 19-000-2-02-00001 sheet 2121IA91F0H-1		REV. 00
N 0						