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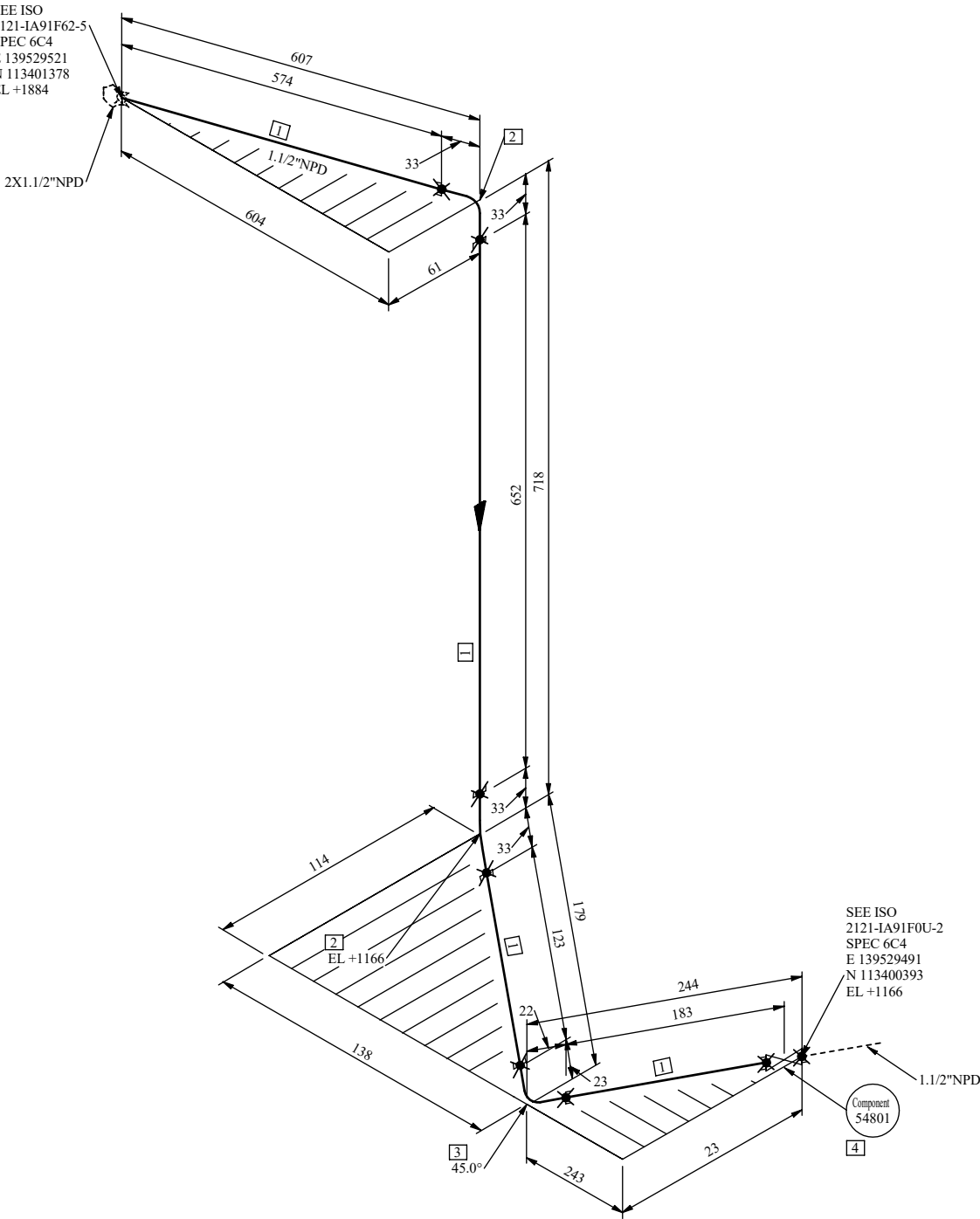
EXTR. DATE: 09-12-2023 08:34:40

STREAM NO.:3250

REV. CAUSE ID: 23



SEE ISO  
2121-IA91F62-5  
SPEC 6C4  
E 139529521  
N 113401378  
EL +1884



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.

REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	STRESS CALC. N°
01	ISSUED FOR REFERENCE	08-DEC-23	M.YADAV	P.VAZE	G.PAGANONI		P & ID 19-A-19-000-1-01-00001 sheet 106
00	ISSUED FOR REFERENCE	28-JUL-23	M.YADAV	P.VAZE	G.PAGANONI		LINE LIST N° 19-L-19-000-2-00-80602
							PIPE LAYOUT N° 19-L-19-000-2-00-86197 sheet 1

ISSUED FOR  
REFERENCE



Signature for construction is shown  
on Iso list of relevant CWA

ISOMETRIC DRAWING  
LINE

1-1/2"-IA-91F0U-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 <PIPB04DA211/240S> (L-PIP111)	1.1/2	I2257941	1.5 M	
FITTINGS					
2	90 ELBOW ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE - R31FNL2A1103 NREQD <90FB450LBK11/2> (L-90F05)	1.1/2	I2258119	2	
3	45 ELBOW ASME B16.11 3000# A182-F304/304L DUAL GR SWE SWE - R32FNL2A1101 NREQD <45FB450LBK11/2> (L-45F04)	1.1/2	I2258131	1	
INSTRUMENTS					
4	INSTRUMENT COMPONENT	1.1/2	Component-54801	1	

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)	NR	CONTRACTOR:	CONTRACTOR DRAWING NUMBER:	PROJECT:
PIPING CLASS	6C4		4274-XH-DL-2121IA91F0U-1	4001008
WELDING CLASS (4)	M	 LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT		
PED CATEGORY	Art 4.3			
INSULATION CODE / THK. (mm)	N 0	ANNEX 19	SPEC. L	DRAWING NUMBER 19-000-2-02-00001 sheet 2121IA91F0U-1
				REV. 01