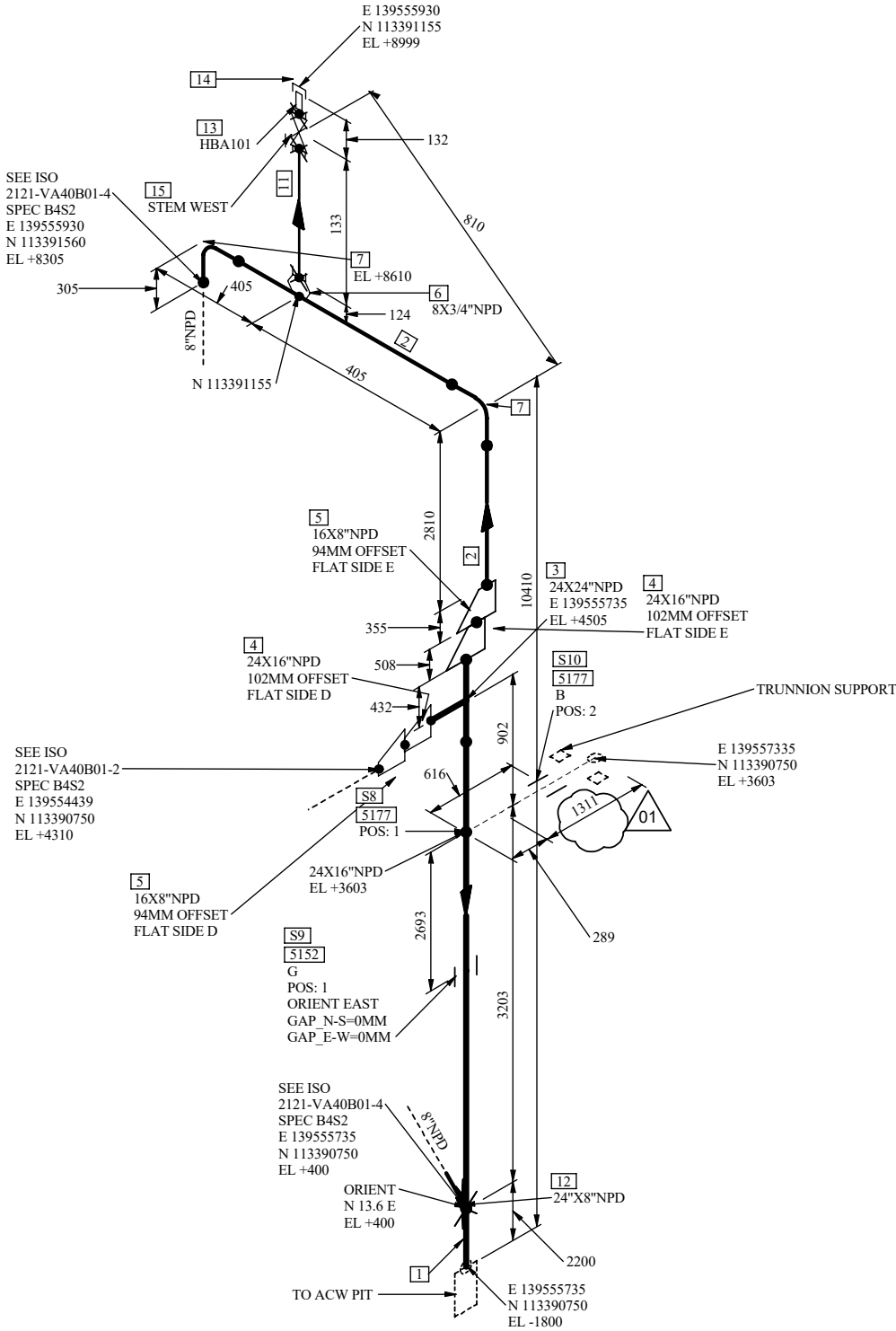


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EXTR. DATE: 10-08-2023 10:05:22





STREAM NO.:4407

REV. CAUSE ID: 11



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 FE0A05 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° REP-PE-107
01	ISSUED FOR CONSTRUCTION	10-AUG-23	M.YADAV	P.VAZE	G.PAGANONI		P & ID 19-A-19-000-1-01-00001 sheet 30
00	ISSUED FOR CONSTRUCTION	07-APR-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-19-000-2-00-86198 sheet 1

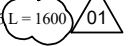
APPROVED FOR
CONSTRUCTION



Signature for construction is shown
on Iso list of relevant CWA

TITLE
**ISOMETRIC DRAWING
LINE**

24"-VA-40B01-B4S2

BILL OF MATERIAL

PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATUS
PIPE					
1	PIPE - A106-B BE SMLS T01AC03V02 S-STD <PIPA010B124STD> (L-7806).	24	I117907	5.9 M	
2	PIPE - A106-B BE SMLS T01AC03V02 S-20 <PIPA010B1820> (L-8210).	8	I117989	2.8 M	
FITTINGS					
3	STRAIGHT TEE ASME B16.9 A234-WPB BE SMLS C31DC04V01 S-STD <TEBA200F326152615> (L-6955).	24X24	I129150	1	
4	ECCENTRIC REDUCER ASME B16.9 A234-WPB BE SMLS C22DC04V01 S-STD S-20 <EREA200F326152210> (L-8276).	24X16	I425581	2	
5	ECCENTRIC REDUCER ASME B16.9 A234-WPB BE SMLS C22DC04V01 S-20 S-20 <EREA200F322101810> (L-8276).	16X8	I127716	2	
6	REDUCING SOCKOLET MSS-SP-97 3000# A105N BE SWE - R13DNC44V101 NREQD <SOKA300LB01811> (L-343).	8X3/4	I1651372	1	
7	90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-20 <90LA200F3820> (L-8268).	8	I128675	2	
PIPE SUPPORTS					
8	WELDED EXTENSIONS-EW05 DN2 = 16 	24	5177	1	
9	WELDED GUIDE-C3G2 H = 100 L = 300	24	5152	1	
10	GUIDE AND STOP HORIZ VERT SUPPORT-N1B1	16	5177	1	
PIPE					
11	PIPE - A106-B PE SMLS T01AC03Z02 S-XS <PIPA010A13/4XS> (L-6679).	3/4	I132785	0.2 M	
FITTINGS					
12	REINFORCED BRANCH 90 DEGREES <◇> ()	24X8	A1Y90	1	
13	NIPPLE - - A106-B PE MTE SMLS LENGTH 100mm R03AQC03ZW04 S-XS <NTOA010E1111624> (L-7888).	3/4	I2221184	1	
14	CAP ASME B16.11 3000# A105N FTE NREQD - R41FNC442001 NREQD <CATA300KBK3/4> (L-79).	3/4	I1651686	1	
VALVES / IN-LINE ITEMS					
15	GATE VALVE API 602 800# A105N SWE SWE 8-F6&HF API 602 B7/2H BB-OS&Y SOW API 602 HW V01GIC441123 NREQD <G63_4L-7855> (L-7855).	3/4	I1651728	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".				
CS						
HEAT TREATMENT (PWHT)						
N						
PAINTING SCHEME (3)		CONTRACTOR: 	CONTRACTOR DRAWING NUMBER: 4274-XH-DL-2121VA40B01-1	PROJECT: 4001008		
1						
PIPING CLASS						
B4S2						
WELDING CLASS (4)		<div>LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT</div> <div> CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX</div>				
E						
PED CATEGORY						
I						
INSULATION CODE / THK. (mm)		ANNEX 19	SPEC. L	DRAWING NUMBER 19-000-2-02-00001 sheet 2121VA40B01-1		REV. 01
N 0						