

THIS DOCUMENT BELONGS TO REPOL. IT CAN NOT BE COPIED, REPRODUCED AND/OR USED WITHOUT  
PREVIOUS AUTHORIZATION OF REPOL. COMPUTERIZED DRAWING HANDWRITING RECOGNITION

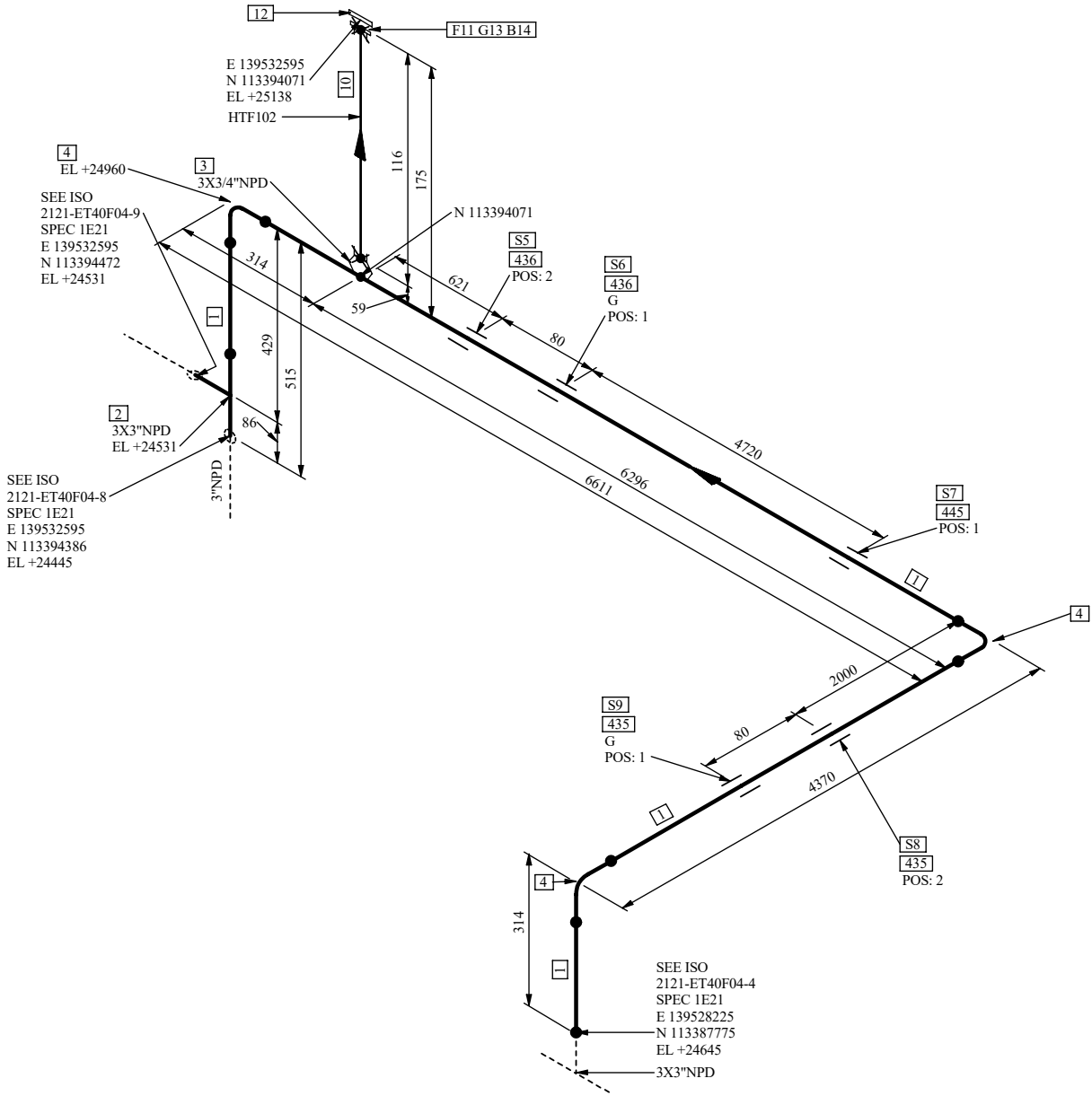
EXTR. DATE: 09-12-2022 11:33:12


STREAM NO.: 4005      STREAM REV. NO.: 7      REV CAUSE ID:

STREAM REV. NO.: 7

EXTR. DATE: 09-12-2022 11:33:12

REV. CAUSE ID:



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 <PIPA010B13STD> (L-7806)	3	I117921	11.0 M	
FITTINGS					
2	STRAIGHT TEE ASME B16.9 A234-WPB BE SMLS C31DC04V01 S-STD <TEBA200F315151515> (L-6955)	3X3	I129163	1	
3	REDUCING SOCKOLET MSS-SP-97 3000# A105N BE SWE - R13DNC44V101 NREQD <SOKA300LB01511> (L-343)	3X3/4	I1651368	1	
4	90 LR ELBOW ASME B16.9 A234-WPB BE SMLS C01DC04V01 S-STD <90LA200F33STD> (L-7955)	3	I128599	3	
PIPE SUPPORTS					
5	VERTICAL STAKES WELDED TO STR. ST42 L80X80X10	3	436	1	
6	STANDARD GUIDE FOR NOT INS. PIPING-N1G1	3	436	1	
7	WELDED BRACKET TO STRUCT. SB01 L80X80X10	3	445	1	
8	VERTICAL STAKES WELDED TO STR. ST42 L80X80X10	3	435	1	
9	STANDARD GUIDE FOR NOT INS. PIPING-N1G1	3	435	1	
PIPE					
10	PIPE - A106-B PE SMLS T01AC03Z02 S-XS <PIPA010A13/4XS> (L-6679)	3/4	I132785	0.2 M	
FLANGES					
11	SW FLANGE ASME B16.5 300# A105N RFFE SWE 125 - 250 AARH F02CFC44B105 S-XS <SWFA300R353/4XS> (L-375)	3/4	I9762190	1	
12	BLIND FLANGE ASME B16.5 300# A105N RFFE NREQD 125 - 250 AARH F10CFC44B005 <BLFA300R353/4> (L-143)	3/4	I1652375	1	
GASKETS					
13	SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 304/GRAFOIL CARBON STEEL SS 304 ASME B16.5 G03GFP1IIS12 <N/A> (N/A)	3/4	I63508950	1	
BOLTS					
14	STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I01OB0301 <SB2R51G5/831/4> - 2 NUTS PER BOLT - 80 mm Length	5/8	I53437418	4	
PIPE MATERIAL		NOTES: 1. FOR TECHNICAL DETAILS SEE LINE LIST.			
CS		2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80102.			
HEAT TREATMENT (PWHT)		3. WELDING ACCORDING TO 45-L-45-000-2-00-80021.			
N		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".			
PAINTING SCHEME (3)		CONTRACTOR:	CONTRACTOR DRAWING NUMBER:	PROJECT:	
1			4274-XH-DL-2121ET40F04-10	4001008	
PIPING CLASS					
1E21					
WELDING CLASS (4)		LOW LINEAL DENSITY POLYETHYLENE (PEL)			
E		AND POLYPROPYLENE (PP) PLANTS			
PED CATEGORY		FOR PROJECT - ALBA PROJECT			
II		CLIENT / COMPLEX			
INSULATION CODE / THK. (mm)		REPSOL SINES INDUSTRIAL COMPLEX			
N 0		ANNEX 19	SPEC. L	DRAWING NUMBER 19-000-2-02-00001 sheet 2121ET40F04-10	
		REV. 00			

FILENAME: 19-000-2-02-00001 sheet 2121ET40F04-10.dwg