

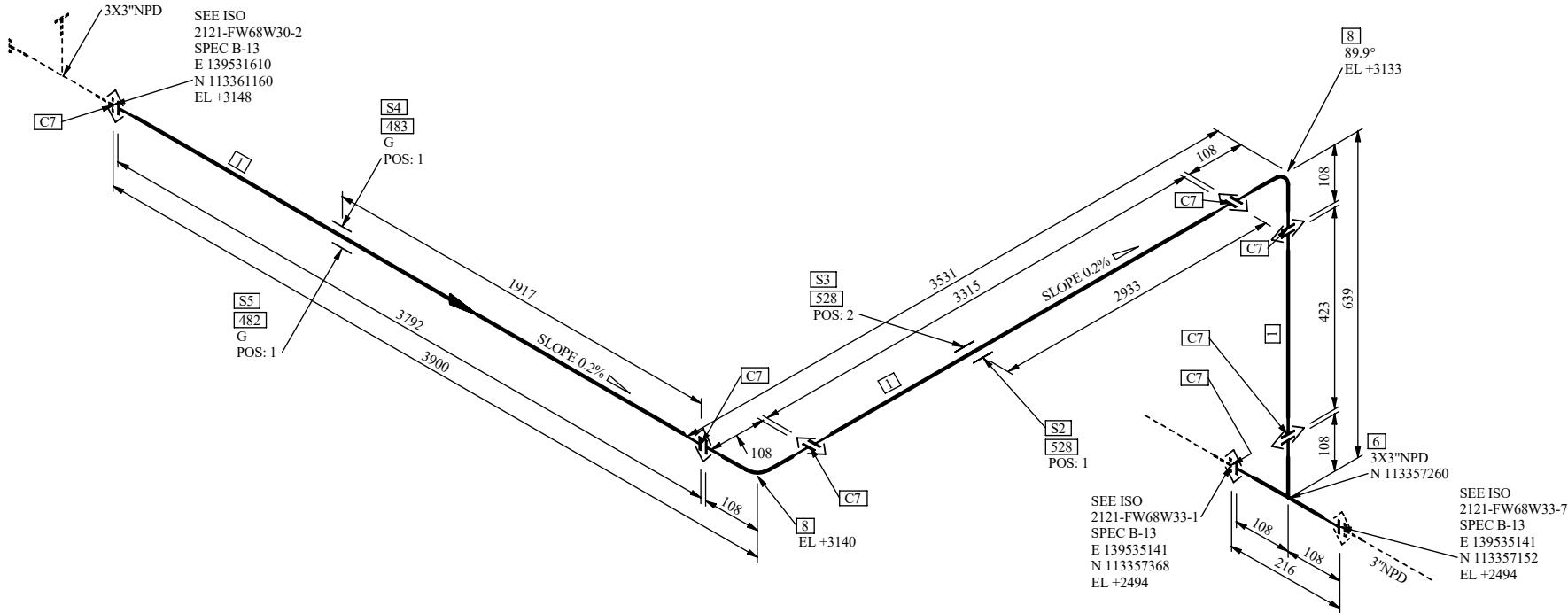
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EXTR. DATE: 28-01-2023 09:31:30

STREAM NO.: 74

STREAM REV. NO. : 7


REV. CAUSE ID:



BILL OF MATERIAL

PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATUS
PIPE					
1	PIPE - A53-B GALV PE SMLS T01AC11Z02 S-STD <PIPG010A13STD> (L-11).	3	I1179807	7.6 M	
PIPE SUPPORTS					
2	RESTING SHOE CLAMPED -C5A1 H = 100 L = 300	3	528	1	
3	WELDED BRACKET TO STRUCT. SB01 L100X100X10	3	528	1	
4	CLAMPED GUIDE-C5G1 H = 100 L = 300	3	483	1	
5	CLAMPED GUIDE-C5G1 H = 100 L = 300	3	482	1	
FITTINGS					
6	GROOVED END TEE MFTR 150# A536 GR. 65-45-12 GALV MGE MGE - R83ADA246602 NREQD <VT110107S15> (L-VT101).	3X3	152836930	1	
7	RIGID COUPLING MFTR 150# A536 GR. 65-45-12 GALV FGE FGE EPDM MANUFACTURER STD R80ADA24YY02 <VRC101043S53> (L-VRC01)	3	152837076	7	
8	GROOVED END 90 ELBOW MFTR 150# A536 GR. 65-45-12 GALV MGE MGE - R81ADA246602 NREQD <V9A10107S15> (L-V9A01).	3	152836902	2	

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.

APPROVED FOR
CONSTRUCTION

Signature for construction is shown
on Iso list of relevant CWA

ISOMETRIC DRAWING
LINE

3"-FW-68W32-B-13

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, Galvanized				
HEAT TREATMENT (PWHIT)	-	 CONTRACTOR: CONTRACTOR DRAWING NUMBER: PROJECT: 4274-XH-DL-2121FW68W32-1 4001008		
PAINTING SCHEME (3)	4			
PIPING CLASS	B-13	 LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS CLIENT / COMPLEX FOR PROJECT - ALBA PROJECT REPSOL POLYMERS/ SINES INDUSTRIAL COMPLEX		
WELDING CLASS (4)	-			
PED CATEGORY	Art 4.3	ANNEX 19 SPEC. L DRAWING NUMBER 19-000-2-02-00001 sheet 2121FW68W32-1		
INSULATION CODE / THK. (mm)	N 0			
				REV. 00