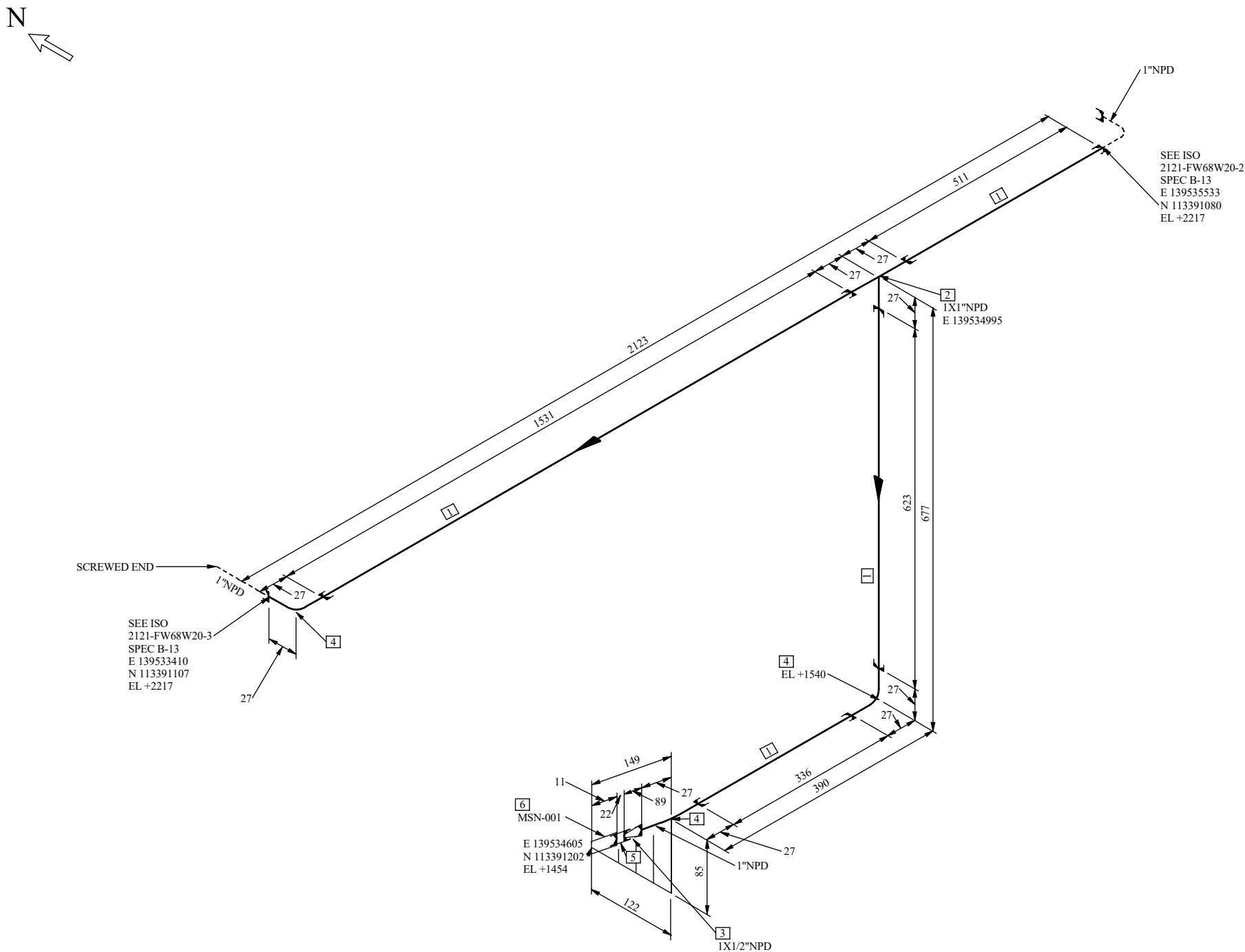






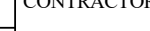

REV. CAUSE ID:

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 MTE SMLS T01AC11W02 S-XS <PIPG010C11XS> (N/A)	1	I145594	3.1 M	
FITTINGS					
2	TEE ASME B16.11 3000# A105 GALV FTE FTE - R11FNC022201 NREQD <TETG300KKB1> (L-8911)	1X1	I214944	1	
3	CONCENTRIC SWAGE MSS SP-95 - A105 GALV MTE MTE SMLS SCH1-XS SCH2-XS R21FQC02WW01 <CSWG010DR12161016> (L-CSW28).	1X1/2	I4198150	1	
4	90 ELBOW ASME B16.11 3000# A105 GALV FTE FTE - R31FNC022203 NREQD <90TG300KKB1> (L-8907)	1	I214920	3	
5	COUPLING ASME B16.11 3000# A105 GALV FTE FTE - R01FNC022201 NREQD <FCPG300KKB1/2> (L-8910).	1/2	I214895	1	
6	SPECIALTY COMPONENT	1/2	MSN-001	1	

<div>REMARKS FOR MECHANICAL SUBCONTRACTOR:</div> <div>1) LINES 1.1/2" AND SMALLER SHALL BE SUPPORTED IN FIELD IF NOT OTHERWISE INDICATED.</div> <div>2) ALL DIMENSION AND PROPER CONFIGURATION FOR LINES NPS 1.1/2" AND SMALLER SHALL BE CHECKED IN FIELD BEFORE CONSTRUCTION.</div> <div>3) FOR THE COMPONENTS MARKED AS FIELD WELDED WITH THIS SYMBOL , ONE WELD FOR ADJUSTMENT OF IN LINE COMPONENT MUST BE LEFT</div> <div>4) FOR EXTRA PIPE LENGTH REFER TO 4274-LZ-PC-00000603.</div> <div>5) GUSSETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER 45-L-45-000-2-00-80004 / 4274-XH-SG-00000002.</div> <div>6) CROSSING BETWEEN WELDS ON PIPELINE SHALL NOT BE ADMITTED.</div> <div>7) IN CASE OF DISCREPANCIES BETWEEN DATA SHOWN ON ISO AND IN LINE LIST (AS APPLICABLE, DATA SHOWN IN LINE LIST GOVERN.</div> <div>8) ACTUAL CUT LENGTH OF PIPE AND FIELD WELDS SHALL BE DEFINED BY MECHANICAL SUBCONTRACTOR (REF TO 4274-LZ-PC-00000603).</div> <div>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.</div>							<div>ISSUED FOR REFERENCE</div>		<div>NOTES:</div> <div>1. FOR TECHNICAL DETAILS SEE LINE LIST.</div> <div>2. FOR VENT, DRAIN OR INSTRUMENT CONNECTION DETAILS SEE 45-L-45-000-2-00-80012.</div> <div>3. WELDING ACCORDING TO 45-L-45-000-2-00-80021.</div> <div>4. PAINTING ACCORDING TO 45-A-45-000-1-00-20160.</div> <div>5. CODE SHOWN IN BOM BETWEEN "&lt;" &amp; "&gt;" DENOTES REPSOL UNICODE. "&lt;N/A&gt;" MEANS UNICODE IS "NOT AVAILABLE".</div>																																																																						
<div>SUPPORTS LEGEND:</div> <div> DENOTES PARTS LIST NO</div> <div> PIPE SUPPORT</div> <div>A=RESTING SUPPORT</div> <div>G=GUIDE</div> <div>F=AXIAL STOP</div> <div>B=ANCHOR</div> <div>M=SPRING</div> <div>S=TEFLON PAD</div> <div>WHERE  WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.</div>							<div>Signature for construction is shown on Iso list of relevant CWA</div>		<div>PAINTING SCHEME (3)</div> <div>4</div>		<div>CONTRACTOR:</div> <div></div>		<div>CONTRACTOR DRAWING NUMBER:</div> <div>4274-XH-DL-2121FW68W20-4</div>		<div>PROJECT:</div> <div>4001008</div>																																																																
<table><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>STRESS CALC. N°</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>P &amp; ID</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>19-A-19-000-1-01-00001 sheet 124</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>LINE LIST N°</td></tr><tr><td>00</td><td>ISSUED FOR REFERENCE</td><td>21-APR-23</td><td>U.CHAVAN</td><td>P.VAZE</td><td>G.PAGANONI</td><td></td><td>19-L-19-000-2-00-80602</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>PIPE LAYOUT N°</td></tr><tr><td>REV.</td><td>DESCRIPTION</td><td>DATE</td><td>DRW. BY</td><td>CHECK BY</td><td>APPR. BY</td><td>APPR. CLIENT</td><td>19-L-19-000-2-00-86197 sheet 1</td></tr></table>														STRESS CALC. N°								-								P & ID								19-A-19-000-1-01-00001 sheet 124								LINE LIST N°	00	ISSUED FOR REFERENCE	21-APR-23	U.CHAVAN	P.VAZE	G.PAGANONI		19-L-19-000-2-00-80602								PIPE LAYOUT N°	REV.	DESCRIPTION	DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	19-L-19-000-2-00-86197 sheet 1	<div>TITLE</div> <div>ISOMETRIC DRAWING LINE</div> <div>1"-FW-68W20-B-13</div>		<div>WELDING CLASS (4)</div> <div>-</div>		<div>LOW LINEAL DENSITY POLYETHYLENE (PEL) AND POLYPROPYLENE (PP) PLANTS FOR PROJECT - ALBA PROJECT</div> <div></div> <div>CLIENT / COMPLEX REPSOL POLYMEROS/ SINES INDUSTRIAL COMPLEX</div>				
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