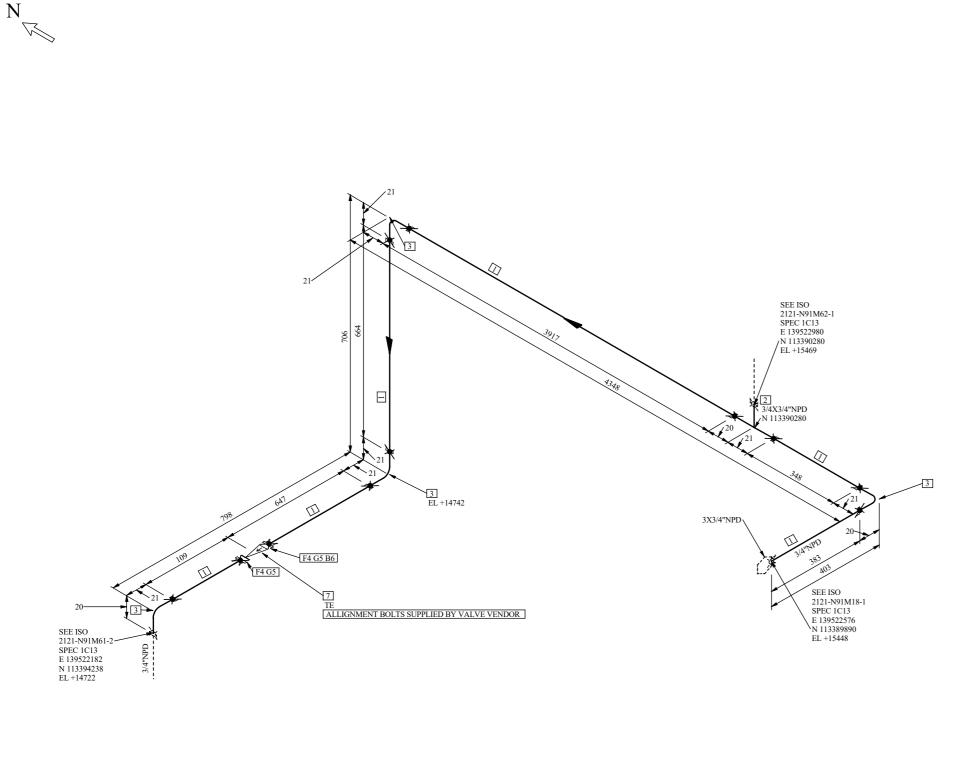
REV. CAUSE ID:

STREAM REV. NO.: 9

STREAM NO.:3200

4) FOR EXTRA PIPE LENGTH REFER TO 4274-LZ-PC-00000603.



									HOLD
PT NO	COMPONENT	DESCRIPTION	[N.S. (IN)	ITEM CODI	E QTY	STATUS
PIPI 1		MLS T01AC03	Z02 S-XS <pipa< td=""><td>A010A13/4X</td><td>S> (L-6679)</td><td>3/4</td><td>I132785</td><td>6.1 M</td><td></td></pipa<>	A010A13/4X	S> (L-6679)	3/4	I132785	6.1 M	
FIT	TINGS		3Z02 S-XS <pipa010a13 4xs=""> (L-6679)</pipa010a13>						
2 TEE ASME B16.11 3000# A105N SWE SWE - R (L-179)				FNC441101	NREQD <1ESA300LBK3/4>	3/4X3/4	11651300	1	
	90 ELBOW ASME I <90FA300LBK3/4>		105N SWE SWE	- R31FNC4	441103 NREQD	3/4	11651298	4	
	<u>ANGES</u> SW FLANGE ASMI	E B16.5 150# A1	05N RFFE SWE	E 125 - 250 A	ARH F02CDC44B105 S-XS	3/4	15378342	2	
	<swfa300r153 4x<="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></swfa300r153>								
	<u>SKETS</u> SPIRAL WOUND G	ASKET ASME	B16.20 150# RF	FE 304/PTFI	E CARBON STEEL SS 304 ASM	E 3/4	12230475	2	
	B16.5 G03GDB1IG LTS	12 <spaq505r< td=""><td>1EA3/4> (L-SPA</td><td>A04)</td><td></td><td></td><td></td><td></td><td></td></spaq505r<>	1EA3/4> (L-SPA	A04)					
	STUD BOLTS&NU <sb2r51g1 2="" 231=""></sb2r51g1>				-2H INCH SIZE 101OB0301	1/2	153437245	5 4	
7	LVES / IN-LINE ITE DISC CHECK WFR 250 AARH SL VER V40JDC29P01 NRE	VALVE ASME TICAL&HORIZ	ONTAL CRACE		FTBE 316/R-PTFE, GF 125 - '2 PSI ASME B16.5	3/4	110016147	7 1	
PIPI	E MATERIAL		NOTES: 1. FO	OR TECHNICAL	DETAILS SEE LINE LIST.				
	E MATERIAL CS		2. FO	OR VENT, DRAI	DETAILS SEE LINE LIST. N OR INSTRUMENT CONNECTION DET. RDING TO 45-L-45-000-2-00-80021.	AILS SEE 45-L-4	15-000-2-00-80102.		
(2. FO 3. WI 4. PA	OR VENT, DRAIN ELDING ACCOR INTING ACCOR	N OR INSTRUMENT CONNECTION DETA			UNICODE IS "NOT AN	VAILABLE".
HEA	CS	N	2. FO 3. WI 4. PA	OR VENT, DRAIN ELDING ACCOR JINTING ACCOR DE SHOWN IN	N OR INSTRUMENT CONNECTION DETA RDING TO 45-L-45-000-2-00-80021. RDING TO 45-A-45-000-1-00-20160.	SOL UNICODE	. " <n a="">" MEANS</n>	UNICODE IS "NOT AV	VAILABLE".
HEA	CS AT TREATMENT (PWHT	N 1	2. FO 3. WI 4. PA 5. CO	OR VENT, DRAIN ELDING ACCOR INTING ACCOR DE SHOWN IN	N OR INSTRUMENT CONNECTION DET/ RDING TO 45-L-45-000-2-00-80021. RDING TO 45-A-45-000-1-00-20160. BOM BETWEEN "<" & ">" DENOTES REF	SOL UNICODE	. " <n a="">" MEANS BER:</n>		
PAI	CS AT TREATMENT (PWHT INTING SCHEME (3)	N	2. FO 3. WI 4. PA 5. CO CONTRACT	OR VENT, DRAIN BELDING ACCOR LINTING ACCOR DE SHOWN IN 10 COR:	N OR INSTRUMENT CONNECTION DETA RDING TO 45-L-45-000-2-00-80021. RDING TO 45-A-45-000-1-00-20160. BOM BETWEEN "<" & ">" DENOTES REF CONTRACTOR DRAWI 4274-XH-DL-2121	sol unicode NG NUM V91M61-	" <n a="">" MEANS BER: F</n>	PROJECT: 400100)8
PAI PIP	AT TREATMENT (PWHT INTING SCHEME (3) PING CLASS	N 1 1C13 E	2. FO 3. WI 4. PA 5. CO CONTRACT Tec	OR VENT, DRAIN SELDING ACCOR LINTING ACCOR DE SHOWN IN IN COR: CONTROL OF LINE AND I	N OR INSTRUMENT CONNECTION DETA RDING TO 45-L-45-000-2-00-80021. RDING TO 45-A-45-000-1-00-20160. BOM BETWEEN "<" & ">" DENOTES REF CONTRACTOR DRAWI	SOL UNICODE NG NUM N91M61- ETHILE PP) PLA	BER: F I NE (PEL) NTS	PROJECT: 400100 CLIENT / CC REPSOL POLY	OMPLEX
PAI PIP WE	CS AT TREATMENT (PWHT INTING SCHEME (3) PING CLASS ELDING CLASS (4)	N 1 1C13 E Art 4.3	2. FO 3. WI 4. PA 5. CO CONTRACT	OR VENT, DRAIN SELDING ACCOR LINTING ACCOR DE SHOWN IN IN COR: CONTROL OF LINE AND I	NOR INSTRUMENT CONNECTION DETA RDING TO 45-L-45-000-2-00-80021. RDING TO 45-A-45-000-1-00-20160. BOM BETWEEN "<" & ">" DENOTES REF CONTRACTOR DRAWI 4274-XH-DL-2121N AL DENSITY POLYI POLYPROPYLENE (I	SOL UNICODE NG NUM N91M61- ETHILE PP) PLA	BER: F I NE (PEL) NTS	PROJECT: 400100 CLIENT/CO)8 OMPLEX

BILL OF MATERIAL

5) GUSSETING TO BE IMPLEMENTED BY MECHANICAL SUBCONTRACTOR AS PER 45-L-45-000-2-00-80004 / 4274-XH-SG-000000002. 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-0007-706-00902/ 4274 -NN-DW-00000002 AND ASSEMBLY NO FEA005 AND FE019.									Signature for construction is shown
SUPPORTS LEGEND: DENOTES PARTS LIST NO SUPPORT — A = RESTING SUPPORT G = GUIDE F = AXIAL STOP B = AXCHOR M = SPRING S = TIFH LONPAD WHERE WITHOUT NUMBERING IS INDICATED, THIS MEANS THAT THERE IS A REST DIRECTLY ON STEEL STRUCTURE.								on Iso list of relevant CWA	
								STRESS CALC. Nº	TITLE
								-	ICOMETRIC DRAWING
								P & ID 19-A-19-000-1-01-00001 sheet 110	ISOMETRIC DRAWING
								LINE LIST N°	LINE
00	ISSUED FOR REFERENCE	02-	2-JUN-23	U.CHAVAN	P.VAZE	G.PAGANONI		19-L-19-000-2-00-80602	
REV.	DESCRIPTION	I	DATE	DRW. BY	CHECK BY	APPR. BY	ADDD OF IENT	PIPE LAYOUT N° 19-L-19-000-2-00-86197 sheet 4	3/4"-N-91M61-1C13

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

on Iso list of relevant CWA SOMETRIC DRAWING LINE 3/4"-N-91M61-1C13

ISSUED FOR REFERENCE