

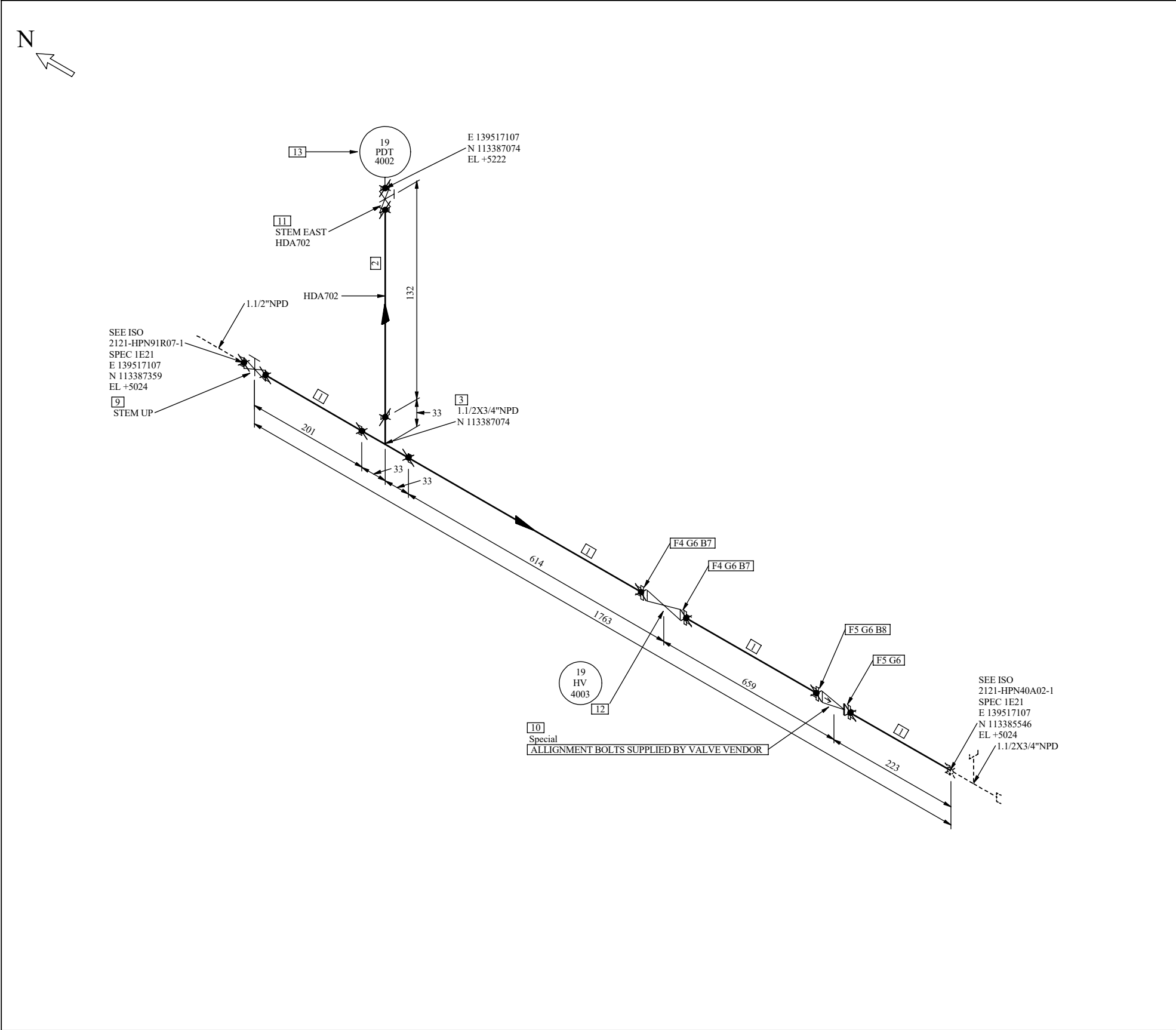
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EXTR. DATE: 29-06-2023 07:42:51

STREAM NO.:4202

REV. CAUSE ID:


9



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.

								STRESS CALC. N°
								-
								P & ID
								19-A-19-000-1-01-00001 sheet 28
								LINE LIST N°
								19-L-19-000-2-00-80602
								PIPE LAYOUT N°
								19-L-19-000-2-00-86196 sheet 2
REV.	DESCRIPTION		DATE	DRW. BY	CHECK BY	APPR. BY	APPR. CLIENT	
00	ISSUED FOR REFERENCE		30-JUN-23	U.CHAVAN	P.VAZE	G.PAGANONI		

ISSUED FOR REFERENCE

Signature for construction is shown on Iso list of relevant CWA

ISSUED FOR REFERENCE

ISOMETRIC DRAWING LINE

1-1/2"-HPN-40A02-1E21

BILL OF MATERIAL					
PT NO	COMPONENT DESCRIPTION	N.S. (IN)	ITEM CODE	QTY	HOLD STATUS
PIPE					
1	PIPE - A106-B PE SMLS T01AC03Z02 S-XS <PIPA010A111/2XS> (L-6679)	1.1/2	I132809	1.4 M	
2	PIPE - A106-B PE SMLS T01AC03Z02 S-XS <PIPA010A13/4XS> (L-6679)	3/4	I132785	0.1 M	
FITTINGS					
3	REDUCING TEE ASME B16.11 3000# A105N SWE SWE - R12FNC441101 NREQD <RTEA300KKBK11/23/4> (L-RTE15)	1.1/2X3/4	I1651306	1	
FLANGES					
4	SW FLANGE ASME B16.5 300# A105N RFFE SWE 125 - 250 AARH F02CFC44B105 S-XS <SWFA300R3511/2XS> (L-375)	1.1/2	I9762192	2	
5	SW FLANGE ASME B16.5 300# A105N RFFE SWE 125 - 250 AARH F02CFC44B105 S-XS <SWFA300R3511/2XS> (L-375).	1.1/2	I9762192	2	
GASKETS					
6	SPIRAL WOUND GASKET ASME B16.20 300# RFTBE 304/GRAFOIL CARBON STEEL SS 304 ASME B16.5 G03GFP1IIS12 <N/A> (N/A)	1.1/2	I63508953	4	
BOLTS					
7	STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I01OB0301 <SB2R51G3/431/2> - 2 NUTS PER BOLT - 90 mm Length	3/4	I53437635	8	
8	STUD BOLTS&NUTS ASME B18.31.2/ B18.2.2 A193-B7/A194-2H INCH SIZE I01OB0301 <SB2R51G3/453/4> - 2 NUTS PER BOLT - 145 mm Length	3/4	I53437472	4	
VALVES / IN-LINE ITEMS					
9	GATE VALVE API 602 800# A105N SWE SWE 8-F6&HF WB-OS&Y SOW API 602 HW V01GIC4411BL NREQD <G611_2L-GA1313-B> (L-GA1313-B)	1.1/2	I10015421	1	
10	DISC CHECK WFR VALVE ASME B16.34 300# A216-WCB RFTBE 316/PEEK 125 - 250 AARH SL VERTICAL&HORIZONTAL CRACKING PRESSURE AT 4.25 PSI ASME B16.5 V40JFC29P12 NREQD <N/A> (N/A).	1.1/2	I65527866	1	
11	GATE VALVE API 602 800# A105N SWE SWE 8-F6&HF WB-OS&Y SOW API 602 HW V01GIC4411BL NREQD <G63_4L-GA1313-B> (L-GA1313-B)	3/4	I10015418	1	
INSTRUMENTS					
12	INSTRUMENT COMPONENT	1.1/2	19-HV-4003	1	
13	INSTRUMENT COMPONENT	3/4	19-PDT-4002	1	