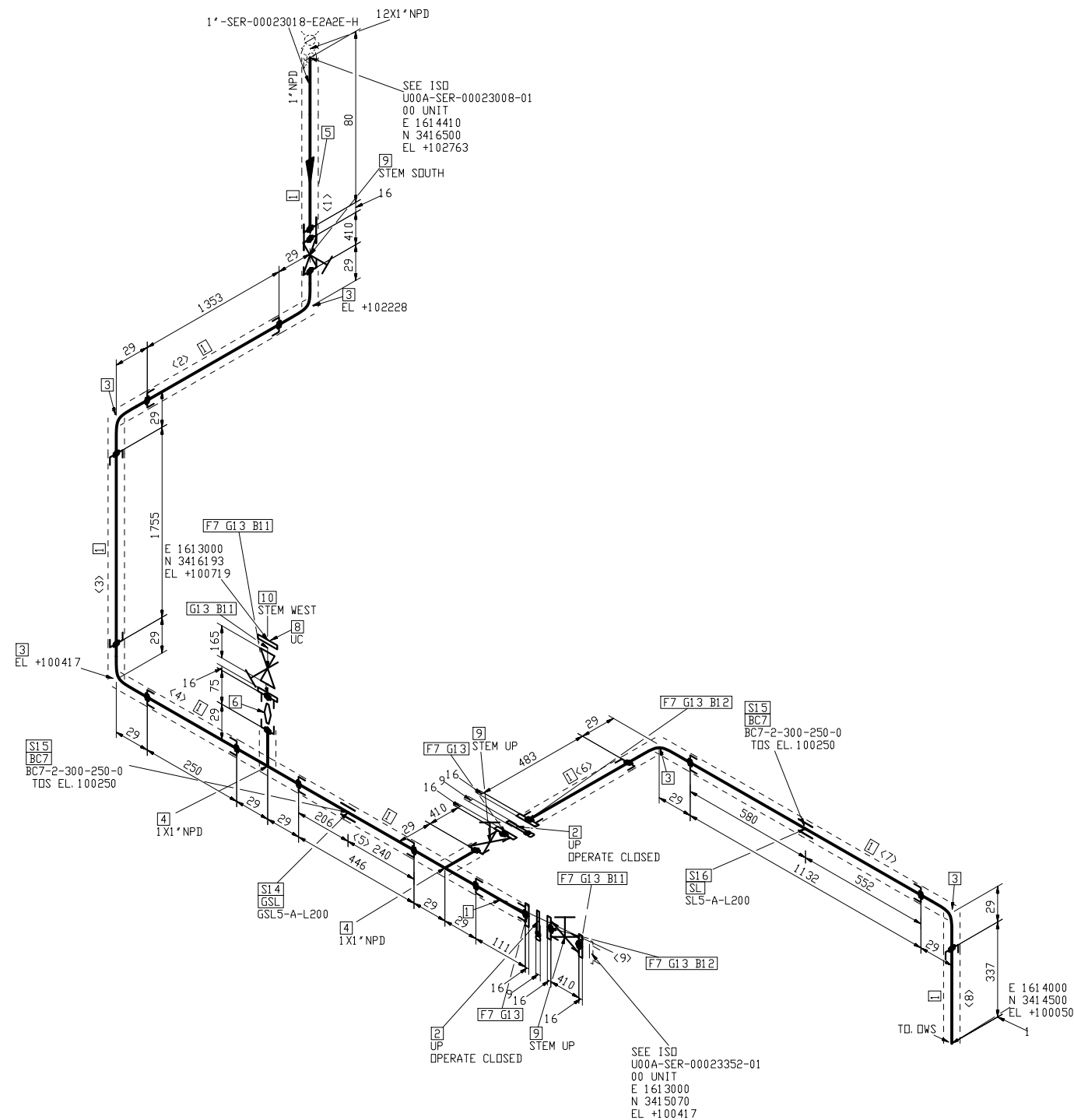



N



NPS	MAT'L CLASS	OPER.		DESIGN		TEST		INSULATION		PAINT CODE	PWHT	NDE						
		PRESS. (kg/cm2g)	TEMP. (°c)	PRESS. (kg/cm2g)	TEMP. (°c)	PRESS. (kg/cm2g)	MEDIUM	TYPE	TH'K (mm)									
1"	E2A2E	27.4	330	31.5	360	59.66	HYDRO	H	100MM	F	Y	100						
1"	E2A2E	27.4	330	31.5	360	0	VISUAL	H	100MM	F	Y	100						
													0	31-AUG-16	ISSUED FOR CONSTRUCTION	STC	BSK	HJP
													1	27-APR-17	REVISED AS MARKED	STC	BSK	HJP
													2	30-MAY-18	REVISED AS MARKED	STC	BSK	HJP
													REV.	DATE	DESCRIPTION	BY	CHECK'D	APPR'D

ERECTION MATERIALS

NO	COMPONENT DESCRIPTION	SIZE	ITEM CODE	QTY
1	PIPE, B36.10M, PE, A335 GR.P11, SMLS, S-160	1	I70441203	6.0 M
2	FIGURE-8 BLANK, B16.48, CL 300, FF, A182 GR.F11 CL.2	1	I465724564	2
3	ELBOW 90 DEG., B16.11, CL 6000, SWE, A182 GR.F11 CL.2	1	I70256980	5
4	TEE EQUAL, B16.11, CL 6000, SWE, A182 GR.F11 CL.2	1X1	I70257399	2
5	FULL COUPLING, B16.11, CL 6000, SWE, A182 GR.F11 CL.2	1	I70318974	1
6	NIPPLE, B36.10M, PBE, A335 GR.P11, SMLS, 75MM LONG, S-160	1	I70441473	1
7	FLANGE SW, B16.5, CL 300, RF, A182 GR.F11 CL.2, S-160	1	I70441504	6
8	BLIND FLANGE, B16.5, CL 300, RF, A182 GR.F11 CL.2	1	I70256231	1
9	GATE VALVE, API 602, CL 800, SWE, BB OS&Y, HW-OPERATOR, A182 GR.F11 CL.2, TRIM 13CR W/STELLITE SEATS, SOLID WEDGE, W/S -160 NIPPLE PE L=150MM, PWHT	1	I529416798	3
10	GATE VALVE, API 602, CL 300, RF, BB OS&Y, HW-OPERATOR, A182 GR.F11 CL.2, TRIM 13CR W/STELLITE SEATS, SOLID WEDGE, B16.5	1	I168393498	1
11	STUD BOLT W/2 HEAVY HEX NUTS, B18.2.2, A193 B16 / A194 4, 8 5.0MM	5/8	I46552009	12
12	STUD BOLT W/2 HEAVY HEX NUTS, B18.2.2, A193 B16 / A194 4, 1 00.0MM	5/8	I46552005	8
13	GASKET SPIRAL WOUND, B16.20, CL 300, RF, 316SS, THERMICULIT E 835 FILL, 316SS CR & IR, B16.5, 4.5T	1	I218141891	7
14	GSL5-A-L200	1	PSUPPORT	1
15	BC7-2-300-250-0	1	PSUPPORT	2
16	SL5-A-L200	1	PSUPPDR	1

P&ID NO.	AA00-PIID-0021-023	UNIT NO.	00	STRESS	NO
GAD NO.	00-DW-PI-1101	LINE NO.	1'-SER-00023018-E2A2E-H		
DWG NO.	U00A-SER-00023018-01				REV. 2