

[illegible]

FABRICATION MATERIALS				
PT NO	COMPONENT DESCRIPTION	N.S. (INS)	ITEM CODE	QTY
<u>PIPE</u>				
1	PIPE A312-TP316L SMLS SCH40S PE ASME B36.19M	1.1/2	S1PL/P-1.1/2"-40S	1.7M
2	PIPE A312-TP316L SMLS SCH40S PE ASME B36.19M	1	S1PL/P-1"-40S	0.1M
<u>FITTINGS</u>				
3	TEE 3000# SW A182-F316L ASME B16.11	1.1/2 x 1.1/2	S1PL/TS-1.1/2"	1
4	REDUCING TEE 3000# SW A182-F316L ASME B16.11	1.1/2 x 1	S1PL/TS-1.1/2"x1"	2
5	SWAGE CONC PBE A403-WP316L SMLS SCH40S MSS-SP-95	1.1/2 x 3/4	S1PL/SC-1.1/2"PX3/4"P	1
6	90 ELBOW 3000# SW A182-F316L ASME B16.11	1.1/2	S1PL/ES-1.1/2"X90	1
<u>FLANGES</u>				
7	FLANGE SW 150# RF A182-F316L SCH40S BORE ASME B16.5	1.1/2	S1PL/FRSW-1.1/2"	2
8	FLANGE SW 150# RF A182-F316L SCH40S BORE ASME B16.5	3/4	S1PL/FRSW-3/4"	1
<u>ERECTION MATERIALS</u>				
PT NO	COMPONENT DESCRIPTION	N.S. (INS)	ITEM CODE	QTY
<u>GASKETS</u>				
9	GASKET 150# RF 3.0 MM THICK VIRGIN PTFE ZW#7500 ASME B16.21/B16.5	1.1/2	S1PL/GR-1.1/2"-ZW#7500	2
10	GASKET 150# RF 3.0 MM THICK VIRGIN PTFE ZW#7500 ASME B16.21/B16.5	3/4	S1PL/GR-3/4"-ZW#7500	1
<u>BOLTS</u>				
11	STUD BOLT A193 GR.B8M W/ TWO HEX. HEAD HEAVY NUT A194 GR.8M ASME B1.1 B18.2.2	1/2	S1PL/BS6-1/2"x75L	8
12	STUD BOLT A193 GR.B8M W/ TWO HEX. HEAD HEAVY NUT A194 GR.8M ASME B1.1 B18.2.2	1/2	S1PL/BS6-1/2"x65L	4
<u>VALVES / IN-LINE ITEMS</u>				
13	CHECK 800# SW A182-F316L PISTON TYPE W/SPRING BC TRIM 316LSS STELLITED API-602	1.1/2	S1PL/VA-1.1/2"-3833	1
14	BALL 150# RF A351-CF3M/316LSS+PTFE FULL PORT FIRE SAFE WRENCH OPER. ASME B16.34 (VOC<100 vppm)	1.1/2	S1PL/VA-1.1/2"-4133-E	1
<u>SUPPORTS</u>				
15	FLANGE GROUNDING CONDUCTOR (C-401)	1.1/2	MISC/C-401	2
16	FLANGE GROUNDING CONDUCTOR (C-401)	3/4	MISC/C-401	1

CUT PIPE LENGTH FOR REFERENCE ONLY							
PIECE NO	CUT LENGTH	N.S. (INS)	REMARKS	PIECE NO	CUT LENGTH	N.S. (INS)	REMARKS
<1>	100	1.1/2		<2>	100	1.1/2	
<3>	100	1.1/2		<4>	796	1.1/2	
<5>	561	1.1/2					

