

[illegible]

FABRICATION MATERIALS				
PT NO	COMPONENT DESCRIPTION	N.S. (INS)	ITEM CODE	QTY
<u>PIPE</u>				
1	PIPE A312-TP304 EFW SCH40S BE ASME B36.19M	6	S1P4/P-6"-40S	15.0M
<u>FITTINGS</u>				
2	TEE BW A403-WP304 SMLS SCH40S ASME B16.9	6 x 6	S1P4/TB-6"	1
3	90 ELBOW LR BW A403-WP304 SMLS SCH40S ASME B16.9	6	S1P4/EB-6"x90	3
4	45 ELBOW LR BW A403-WP304 SMLS SCH40S ASME B16.9	6	S1P4/EB-6"x45	1
<u>FLANGES</u>				
5	FLANGE WN 150# RF A182-F304 SCH40S BORE ASME B16.5	6	S1P4/FRWN-6"	6
<u>ERECTION MATERIALS</u>				
PT NO	COMPONENT DESCRIPTION	N.S. (INS)	ITEM CODE	QTY
<u>GASKETS</u>				
6	GASKET 150# RF 4.5 MM THICK 304SS SPIRAL WOUND W/GRAPHITE FILLER W/SS304 OUTER RING ASME B16.20/B16.5	6	S1P4/GR-6"	6
<u>BOLTS</u>				
7	STUD BOLT A193 GR.B8 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2	3/4	S1P4/BS4-3/4"x170L	24
8	STUD BOLT A193 GR.B8 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2	3/4	S1P4/BS4-3/4"x105L	16
<u>VALVES / IN-LINE ITEMS</u>				
9	BUTTERFLY 150# RF WAFER A351-CF8/304SS DISC RTFE/316SS SEAT 304SS SHAFT GEAR OPER. API-609 CAT.B	6	S1P4/VA-6"-6A44A	1
<u>INSTRUMENTS</u>				
10	VORTEX FLOWMETER 150# RF FT 17101	6		1
<u>SUPPORTS</u>				
11	PIPE A312-TP304 EFW SCH40S BE ASME B36.19M (P-4"-286)	6	S1P4/P-4"-6"	1
12	FIELD SUPPORT (FS1-4-05)	6	SUP/FS1-4-6"	1
13	GROUT (GR1-4)	6	SUP/GR1-4-6"	1
14	PIPE SHOE (S1)	6	SUP/S1-6"	1
15	VERTICAL GUIDE (VG1-6)	6	SUP/VG1-6"	1
16	SUPPORT REINFORCING PAD (SRP-6)	6	SUP/SRP-6"	1
17	FIELD SUPPORT (FS6-2-05)	6	SUP/FS6-2-6"	1

CUT PIPE LENGTH FOR REFERENCE ONLY							
PIECE NO	CUT LENGTH	N.S. (INS)	REMARKS	PIECE NO	CUT LENGTH	N.S. (INS)	REMARKS
<7>	3360	6		<8>	878	6	
<9>	4725	6		<10>	2312	6	
<11>	342	6		<12>	3297	6	

△2	2025.09.26	REVISED FOR CONSTRUCTION	林信助	陳逢明
△1	2025.09.12	REVISED FOR CONSTRUCTION	林信助	陳逢明
△0	2025.07.03	FOR CONSTRUCTION	林信助	陳逢明
△A	2025.04.21	FOR APPROVAL	林信助	陳逢明
序次	日 期	修 改 說 明	修 改	認 可

