本		FABRICATION MATERIALS				N	流水號:662
	PT NO	COMPONENT DESCRIPTION	N.S. (INS)	ITEM CODE	QTY		
完	1	PIPE PIPE A312-TP304 EFW SCH40S PE ASME B36.19M	1.1/2	S1P4/P-1.1/2"-40S	3.5M		
$-\parallel$	2	PIPE A312-TP316L SMLS SCH40S PE ASME B36.19M	1.1/2	S1PL/P-1.1/2"-40S	3.7M	CONT. ON P-61105-1.1/2"-S1P4\	
1/4		FITTINGS				E 103600 N 36300 EL.+1706 664	
後	3 4	TEE 3000# SW A182-F304 ASME B16.11 REDUCING TEE 3000# SW A182-F304 ASME B16.11	1.1/2 x 1.1/2 1.1/2 x 3/4	S1P4/TS-1.1/2" S1P4/TS-1.1/2"X3/4"	1 2	EL.+1706 004 EL.+2324	
請∥	5	90 ELBOW 3000# SW A182-F304 ASME B16.11 FLANGES	1.1/2	S1P4/ES-1.1/2"X90	5	13 S1P40/A 1 1/2" 4144 F	
速	6	FLANGE SW 150# RF A182-F304 SCH40S BORE ASME B16.5	1.1/2	S1P4/FRSW-1.1/2"	5	S1P4/VA-1.1/2"-4144-E	
	7	FLANGE SW 150# RF A182-F316L SCH40S BORE ASME B16.5	1.1/2	S1PL/FRSW-1.1/2"	1	CONT. ON P-61829-1.1/2"-S1PL	
- 11		ERECTION MATERIALS				EL.+1674 F 103900 N 37700 700 1	52
還	PT	COMPONENT DESCRIPTION	N.S.	ITEM CODE	QTY	12 300	
	NO —		(INS)	TEM CODE	<del>411</del>	C-401 F6 C8 B10	
	8	GASKETS  GASKET 150# RF 3.0 MM THICK VIRGIN PTFE	1.1/2	S1P4/GR-1.1/2"-ZW#7500	4	13 F6 G8 B10 S15 C-401 EL.+1980	
	9	ZW#7500 ASME B16.21/B16.5 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	<13>1/ %	0
		BOLTS					2245/2 1.1/2"NS
	10	STUD BOLT A193 GR.B8 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2	1/2	S1P4/BS4-1/2"X75L	16	S15 C-401 165/32 165/32 165/32 165/32 165/32 165/32	224 1.1/
	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	32 (17>1) (F7 G9 B11) (F7 G9 B11)	MATL
	12	VALVES / IN-LINE ITEMS  CHECK 800# SW A182-F304 PISTON TYPE	1.1/2	S1P4/VA-1.1/2"-3844	1	4 1.1/2"x3/4"NS 8 1 200 EL.+1980	S1PL MATL
	13	W/SPRING BC TRIM 304SS STELLITED API-602 BALL 150# RF A351-CF8/304SS+PTFE FULL PORT FIRE SAFE WRENCH OPER. ASME B16.34	1.1/2	S1P4/VA-1.1/2"-4144-E	2	EL.+1516 <12>1	S15 C-401 S1P4
	14	(VOC<100 vppm)  BALL 150# RF A351-CF3M/316LSS+PTFE FULL PORT FIRE SAFE WRENCH OPER, ASME B16.34	1.1/2	S1PL/VA-1.1/2"-4133-E	1	750	59 14 S1PL/VA-1.1/2"-4133-E
		(VOC<100 vppm)				1.1/2"x3/4"NS 3 1.1/2"x1.1/2"NS 165_1	S15
	15	SUPPORTS  FLANGE GROUNDING CONDUCTOR (C-401)	1.1/2	MISC/C-401	6	CONT. ON 300 P.61109.3/4" S1P4	F6 G9 B11 C-401
	16 17 18	U-BOLT (UBG-1.1/2) GROUT (GR2-1) FIELD SUPPORT (FS13-1-0215)	1.1/2 1.1/2 1.1/2	SUP/UBG-1.1/2" SUP/GR2-1.1/2" SUP/FS13-1-1.1/2"	1 1 1	1 E 103400 S17	EL.+1812 <23>1
						EL.+1706 670 GR2-1 S16	
	PIECE	CUT PIPE LENGTH FOR REFERENCE ONLY  CUT N.S. REMARKS PIECE	CUT N	N.S. REMARKS		UBG-1.1/2	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	NO <12> <14>	LENGTH (INS) NO 71 1.1/2 <13> 236 1.1/2 <15>	LENGTH (I	INS) 1.1/2 1.1/2		\S18 FS13-1-021	
	<16> <18>	141 1.1/2 <17> 100 1.1/2 <19>	136 1 303 1	l.1/2 l.1/2			
簽	<20> <22> <24>	1336 1.1/2 <21> 236 1.1/2 <23> 3603 1.1/2	586 1 100 1	I.1/2 I.1/2			
$\triangle$							
							FOR CONSTRUCTION
							JUL. 04, 2025
							管線編號 P-61104-1.1/2"-S1P4
						<ul> <li>□ 管件序號 &lt;1&gt;直管編號 [1] 管段編號 資料庫</li> <li>② 須設計會驗管線</li> </ul> 工廠焊接 套焊 螺紋銜接 配合現場接接 配合現場接合點 管支撑 蒸汽器 会 項設計會驗管線	
$\rightarrow$	$\triangle$					操作壓力: 4.5 KC/CM² G 操作溫度: 38 °C 管線等級: S1P4 製 圖 陳怡如 2025.04.21 會	■ 富台工程股份有限公司 FU-TAI ENGINEERING CO., LTD.
						設計壓力: 7.7 KC <sub>CM²</sub> G 設計溫度: 80 °C 保溫(冷)等級: 設計 <b>黃炳富</b> 2025.04.21 <sup>1</sup>	
	$\triangle$						
	$\overline{}$	2025.07.03 FOR CONSTRUCTION 2025.04.21 FOR APPROVAL		黄炳富 黄炳富		試驗基準: Air	FU-TAI ENGINEERING CO., LTD.    ARE-mi