本圖完工後請速歸還

FABRICATION MATERIALS

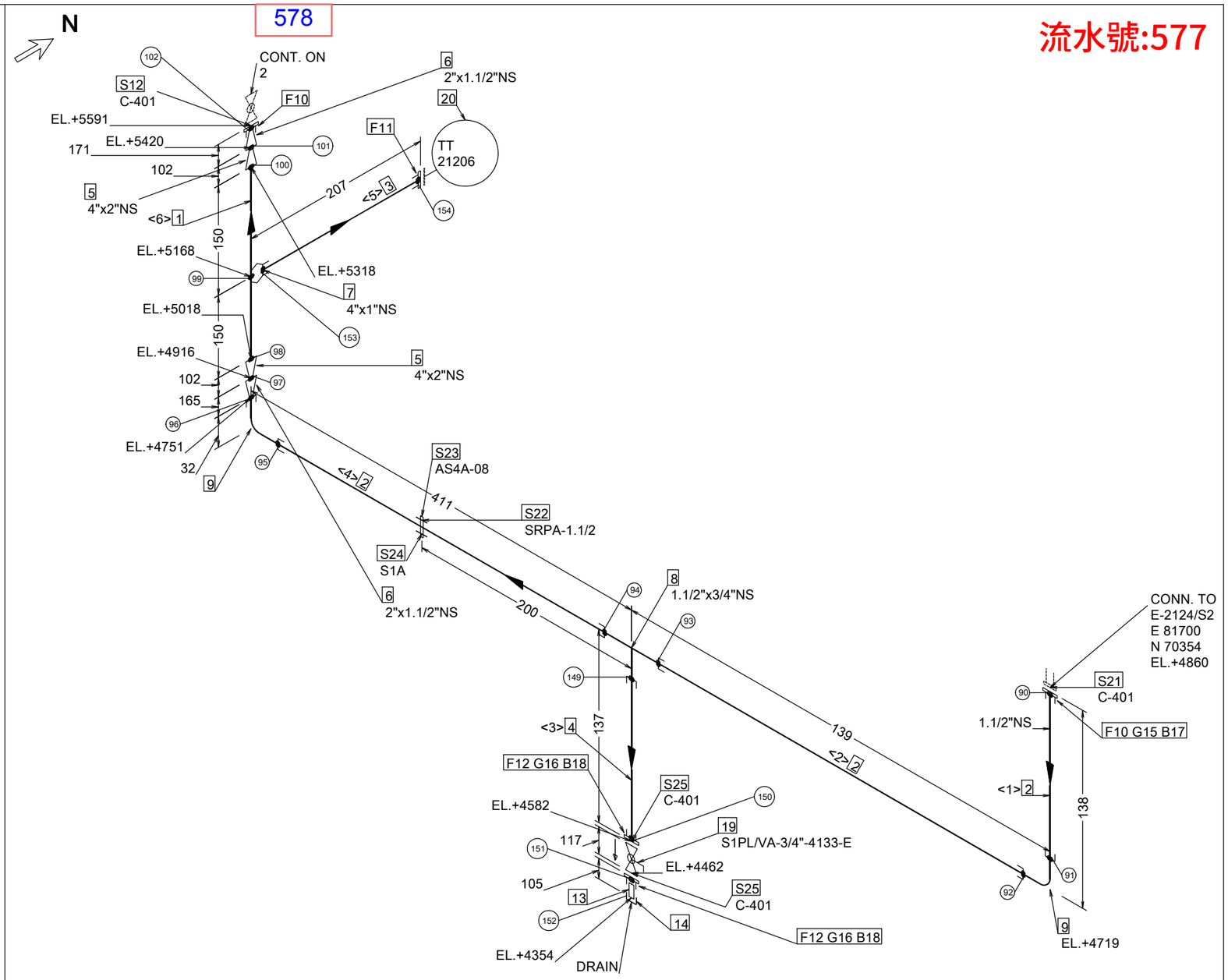
PT NO	COMPONENT DESCRIPTION	N.S. (INS)	ITEM CODE	QTY
	PIPE			
1	PIPE A312-TP316L SMLS SCH40S BE ASME B36.19M	4	S1PL/P-4"-40S	0.3M
2	PIPE A312-TP316L SMLS SCH40S PE ASME B36.19M	1.1/2	S1PL/P-1.1/2"-40S	0.6M
3	PIPE A312-TP316L SMLS SCH40S PE ASME B36.19M	1	S1PL/P-1"-40S	0.2M
4	PIPE A312-TP316L SMLS SCH40S PE ASME B36.19M	3/4	S1PL/P-3/4"-40S	0.1M
	FITTINGS			
5	REDUCER CONC BW A403-WP316L SMLS SCH40S ASME B16.9	4 x 2	S1PL/RC-4"X2"	2
6	SWAGE CONC BLE/PSE A403-WP316L SMLS SCH40S MSS-SP-95	2 x 1.1/2	S1PL/SC-2"BX1.1/2"P	2
7	SOCKOLET 3000# SW A182-F316L MSS SP-97	4 x 1	S1PL/SOL-4"X1"	1
8	REDUCING TEE 3000# SW A182-F316L ASME B16.11	1.1/2 x 3/4	S1PL/TS-1.1/2"X3/4"	1
9	90 ELBOW 3000# SW A182-F316L ASME B16.11	1.1/2	S1PL/ES-1.1/2"X90	2
	FLANGES			
10	FLANGE SW 150# RF A182-F316L SCH40S BORE ASME B16.5	1.1/2	S1PL/FRSW-1.1/2"	2
11	FLANGE SW 150# RF A182-F316L SCH40S BORE ASME B16.5	1	S1PL/FRSW-1"	1
12	FLANGE SW 150# RF A182-F316L SCH40S BORE ASME B16.5	3/4	S1PL/FRSW-3/4"	2

ERECTION MATERIALS

PT NO	COMPONENT DESCRIPTION	N.S. (INS)	ITEM CODE	QTY
	FITTINGS			
13	NIPPLE (L=100MM) TOE(NPT) A312-TP316L SMLS SCH80S ASME B36.19M	3/4	S1PL/NIP-3/4"X100LXTOE	1
14	CAP 3000# SCRD (FNPT) A182-F316L ASME B16.11	3/4	S1PL/CT-3/4"	1
	GASKETS			
15	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	1
16	GASKET 150# RF 3.0 MM THICK VIRGIN PTFE ZW#7500 ASME B16.21/B16.5	3/4	S1PL/GR-3/4"-ZW#7500	2
	BOLTS			
17	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	4
18	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	8
	VALVES / IN-LINE ITEMS			
19	BALL 150# RF A351-CF3M/316LSS+PTFE FULL PORT FIRE SAFE WRENCH OPER. ASME B16.34 (VOC<100 vppm)	3/4	S1PL/VA-3/4"-4133-E	1
	INSTRUMENTS			
20	TEMPERATURE INSTRUMENT 150# RF TT 21206	1		1
	SUPPORTS			
21	FLANGE GROUNDING CONDUCTOR (C-401)	1.1/2	MISC/C-401	1
22	SUPPORT REINFORCING PAD (SRPA-1.1/2)	1.1/2	SUP/SRPA-1.1/2"	1
23	AUXILIARY SUPPORT (AS4A-08)	1.1/2	SUP/AS4A-1.1/2"	1
24	PIPE SHOE (S1A)	1.1/2	SUP/S1A-1.1/2"	1
25	FLANGE GROUNDING CONDUCTOR (C-401)	3/4	MISC/C-401	2

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>	75	1.1/2	
<3>	100	3/4		<4>	347	1.1/2	
<5>	126	1		<6>	300	4	



REVISED FOR CONSTRUCTION

SEP. 26, 2025

△				
1	2025.09.26	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

△ 會簽 分配 △ △

1 管件序號 <1> 直管編號 [1] 管段編號 & 須設計會驗管線

操作壓力: 3.49 KG/CM² G 操作溫度: 38 ℃
設計壓力: 6.3 KG/CM² G 設計溫度: 120 ℃
試驗基準: Air 6.93 KG/CM² G X 60 分
管路塗裝:
焊道塗裝:
管支撐 管材塗裝 碳鋼及不銹鋼保溫(冷): 不銹鋼:

資料庫名稱:
管線等級: S1P4
保溫(冷)等級:
熱追縱等級:
焊接基準:
NDE 抽驗: 10 %

工廠焊接 套焊 螺紋銜接 配合現場焊接 配合現場接合點 管支撐 蒸汽追蹤管

會簽			
製圖	胡庭瑋	2025.04.21	
設計	林信助	2025.04.21	
審核	陳安誠	2025.04.21	
認可	陳逢明	2025.04.21	

依據圖號: C2418-4-502 C2418-4-513
圖號:

管線編號 P-21216-2"-S1P4

鴻勝化學科技股份有限公司 E-shine Advanced Chemicals Ltd.

富台工程股份有限公司 FU-TAI ENGINEERING CO., LTD.

崙尾一期建廠工程 管線工程 立體配管圖 1/11

檔號: P-21216-S1P4- 1