本圖完工後請速歸還

FABRICATION MATERIALS

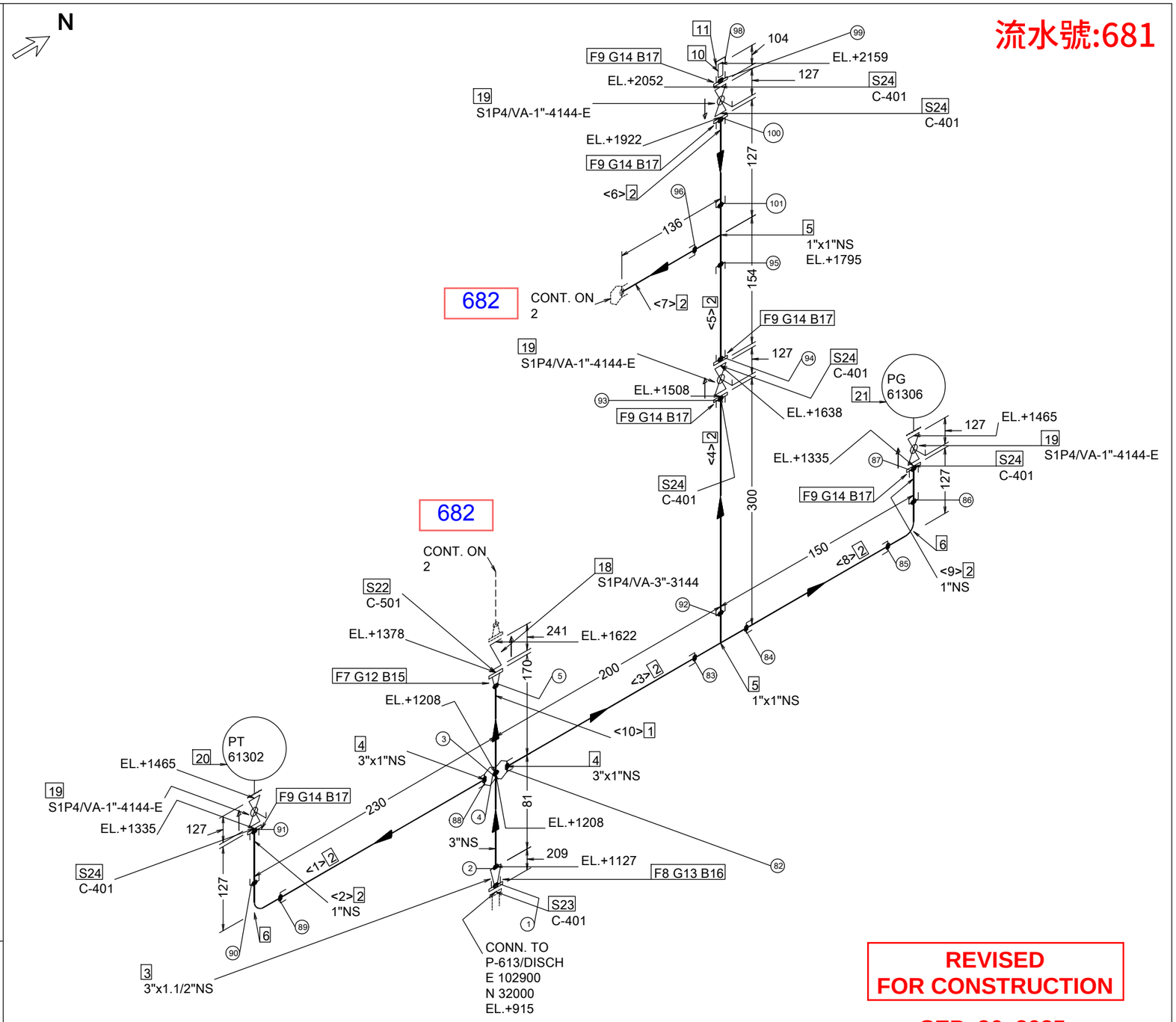
PT NO	COMPONENT DESCRIPTION	N.S. (INS)	ITEM CODE	QTY
	PIPE			
1	PIPE A312-TP304 EFW SCH40S BE ASME B36.19M	3	S1P4/P-3"-40S	0.2M
2	PIPE A312-TP304 EFW SCH40S PE ASME B36.19M	1	S1P4/P-1"-40S	1.2M
	FITTINGS			
3	SWAGE CONC BLE/PSE A403-WP304 SMLS SCH40S MSS-SP-95	3 x 1.1/2	S1P4/SC-3"BX1.1/2"P	1
4	SOCKOLET 3000# SW A182-F304 MSS SP-97	3 x 1	S1P4/SOL-3"X1"	2
5	TEE 3000# SW A182-F304 ASME B16.11	1 x 1	S1P4/TS-1"	2
6	90 ELBOW 3000# SW A182-F304 ASME B16.11	1	S1P4/ES-1"X90	2
	FLANGES			
7	FLANGE WN 150# RF A182-F304 SCH40S BORE ASME B16.5	3	S1P4/FRWN-3"	1
8	FLANGE SW 150# RF A182-F304 SCH40S BORE ASME B16.5	1.1/2	S1P4/FRSW-1.1/2"	1
9	FLANGE SW 150# RF A182-F304 SCH40S BORE ASME B16.5	1	S1P4/FRSW-1"	6

ERECTION MATERIALS

PT NO	COMPONENT DESCRIPTION	N.S. (INS)	ITEM CODE	QTY
	FITTINGS			
10	NIPPLE (L=100MM) TOE(NPT) A312-TP304 SMLS SCH80S ASME B36.19M	1	S1P4/NIP-1"X100LXTOE	1
11	CAP 3000# SCRD (FNPT) A182-F304 ASME B16.11	1	S1P4/CT-1"	1
	GASKETS			
12	GASKET 150# RF 3.0 MM THICK VIRGIN PTFE ZW#7500 ASME B16.21/B16.5	3	S1P4/GR-3"-ZW#7500	1
13	GASKET 150# RF 3.0 MM THICK VIRGIN PTFE ZW#7500 ASME B16.21/B16.5	1.1/2	S1P4/GR-1.1/2"-ZW#7500	1
14	GASKET 150# RF 3.0 MM THICK VIRGIN PTFE ZW#7500 ASME B16.21/B16.5	1	S1P4/GR-1"-ZW#7500	6
	BOLTS			
15	STUD BOLT A193 GR.B8 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2	5/8	S1P4/BS4-5/8"X95L	4
16	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	4
17	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"X65L	24
	VALVES / IN-LINE ITEMS			
18	CHECK 150# RF A351-CF8 SWING BC TRIM 304SS STELLITED API-600	3	S1P4/VA-3"-3144	1
19	BALL 150# RF A351-CF8/304SS+PTFE FULL PORT FIRE SAFE WRENCH OPER. ASME B16.34 (VOC<100 vppm)	1	S1P4/VA-1"-4144-E	4
	INSTRUMENTS			
20	PRESSURE INSTRUMENT 150# RF PT 61302	1		1
21	PRESSURE GAUGE 150# RF PG 61306	1		1
	SUPPORTS			
22	FLANGE GROUNDING CONDUCTOR (C-501)	3	MISC/C-501	1
23	FLANGE GROUNDING CONDUCTOR (C-401)	1.1/2	MISC/C-401	1
24	FLANGE GROUNDING CONDUCTOR (C-401)	1	MISC/C-401	6

CUT PIPE LENGTH FOR REFERENCE ONLY

PIECE NO	CUT LENGTH	N.S. (INS)	REMARKS	PIECE NO	CUT LENGTH	N.S. (INS)	REMARKS
<1>	142	1		<2>	100	1	
<3>	113	1		<4>	273	1	
<5>	128	1		<6>	100	1	
<7>	113	1		<8>	104	1	
<9>	100	1		<10>	181	3	



REVISED FOR CONSTRUCTION

SEP. 26, 2025

會簽	
分配	

序次	日期	修改說明	修改	認可
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

[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: 4.2 KG/CM²G	操作溫度: 50 ℃	管線等級: S1P4	製圖 胡庭瑋 2025.04.21
設計壓力: 7.2 KG/CM²G	設計溫度: 80 ℃	保溫(冷)等級:	設計 林信助 2025.04.21
試驗基準: Air	7.92 KG/CM²G X 60 分	熱追縱等級:	審核 陳安誠 2025.04.21
管路塗裝:	管材塗裝: 碳鋼及不銹鋼保溫(冷): 不銹鋼:	焊接基準:	認可 陳逢明 2025.04.21
焊道: 塗裝:	管支撐	NDE 抽驗: 10 %	依據圖號: C2418-4-513 C2418-4-520

資料庫名稱:

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 圖號:

管線編號 P-61302-3"-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 1/9

檔號: P-61302-S1P4- 1