本圖完工後請速歸還

FABRICATION MATERIALS

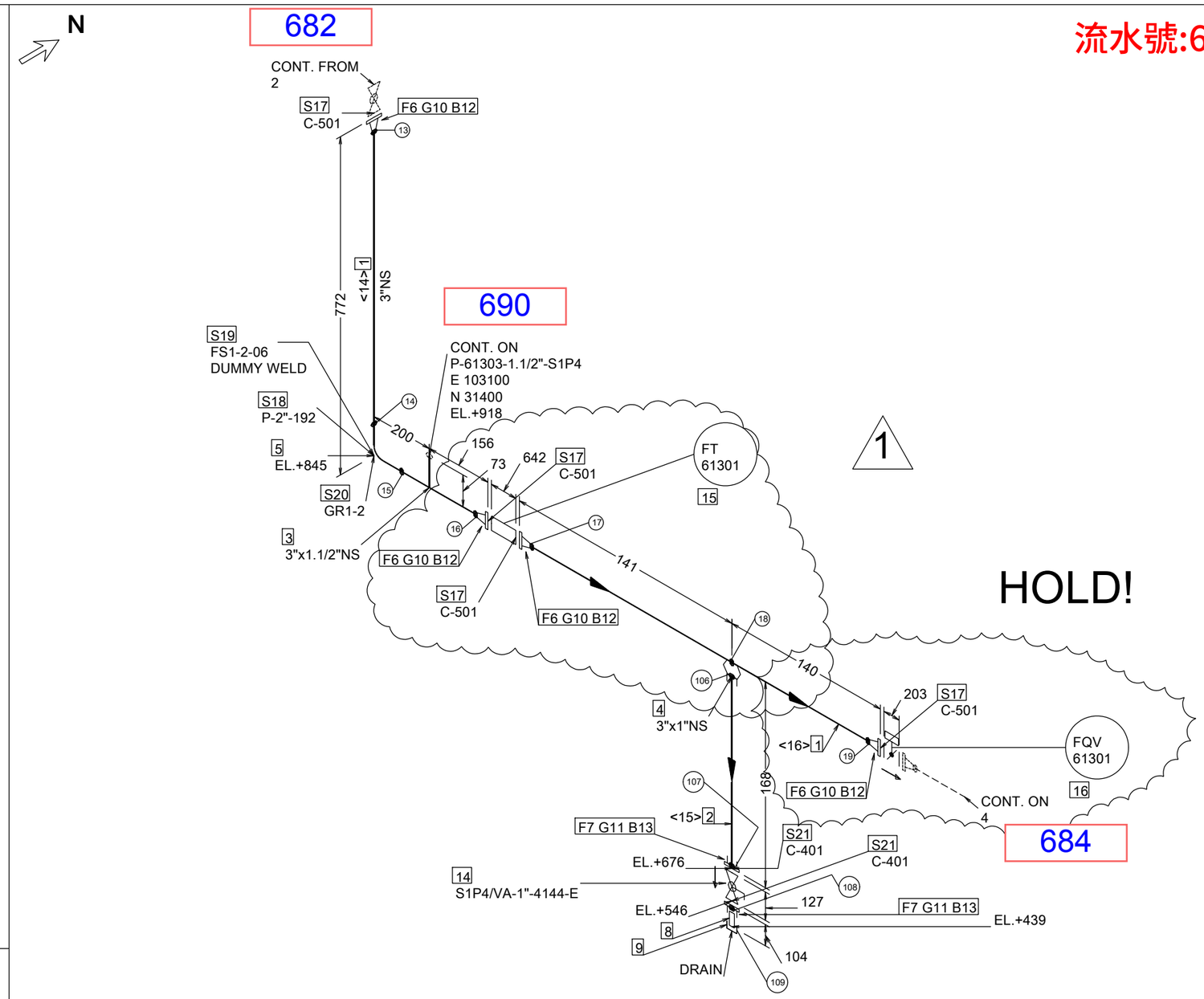
PT NO	COMPONENT DESCRIPTION	N.S. (INS)	ITEM CODE	QTY
	PIPE			
1	PIPE A312-TP304 EFW SCH40S BE ASME B36.19M	3	S1P4/P-3"-40S	0.8M
2	PIPE A312-TP304 EFW SCH40S PE ASME B36.19M	1	S1P4/P-1"-40S	0.1M
	FITTINGS			
3	REDUCING TEE BW A403-WP304 SMLS SCH40S ASME B16.9	3 x 1.1/2	S1P4/TB-3"X1.1/2"	1
4	SOCKOLET 3000# SW A182-F304 MSS SP-97	3 x 1	S1P4/SOL-3"X1"	1
5	90 ELBOW LR BW A403-WP304 SMLS SCH40S ASME B16.9	3	S1P4/EB-3"X90	1
	FLANGES			
6	FLANGE WN 150# RF A182-F304 SCH40S BORE ASME B16.5	3	S1P4/FRWN-3"	4
7	FLANGE SW 150# RF A182-F304 SCH40S BORE ASME B16.5	1	S1P4/FRSW-1"	2

ERECTION MATERIALS

PT NO	COMPONENT DESCRIPTION	N.S. (INS)	ITEM CODE	QTY
	FITTINGS			
8	NIPPLE (L=100MM) TOE(NPT) A312-TP304 SMLS SCH80S ASME B36.19M	1	S1P4/NIP-1"X100LXTOE	1
9	CAP 3000# SCRD (FNPT) A182-F304 ASME B16.11	1	S1P4/CT-1"	1
	GASKETS			
10	GASKET 150# RF 3.0 MM THICK VIRGIN PTFE ZW#7500 ASME B16.21/B16.5	3	S1P4/GR-3"-ZW#7500	4
11	GASKET 150# RF 3.0 MM THICK VIRGIN PTFE ZW#7500 ASME B16.21/B16.5	1	S1P4/GR-1"-ZW#7500	2
	BOLTS			
12	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	16
13	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	8
	VALVES / IN-LINE ITEMS			
14	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	1
	INSTRUMENTS			
15	MASS FLOWMETER 150# RF FT 61301	3		1
16	CONTROL VALVE 150# RF FQV 61301	3		1
	SUPPORTS			
17	FLANGE GROUNDING CONDUCTOR (C-501)	3	MISC/C-501	4
18	PIPE A312-TP304 EFW SCH40S BE ASME B36.19M (P-2"-192)	3	S1P4/P-2"-3"	1
19	FIELD SUPPORT (FS1-2-06)	3	SUP/FS1-2-3"	1
20	GROUT (GR1-2)	3	SUP/GR1-2-3"	1
21	FLANGE GROUNDING CONDUCTOR (C-401)	1	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
<14>	588	3		<15>	100	1	
<16>	141	3					



REVISED FOR CONSTRUCTION

SEP. 12, 2025

會簽	
分配	△ △

序次	日期	修改說明	修改	認可
△				
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/CM² G　操作溫度: 50 ℃
設計壓力: 7.2 KG/CM² G　設計溫度: 80 ℃
試驗基準: Air　7.92 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:　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: C2418-4-513 C2418-4-520
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　3/9

檔號: P-61302-S1P4- 3