本圖完工後請速歸還

流水號:581

FABRICATION MATERIALS

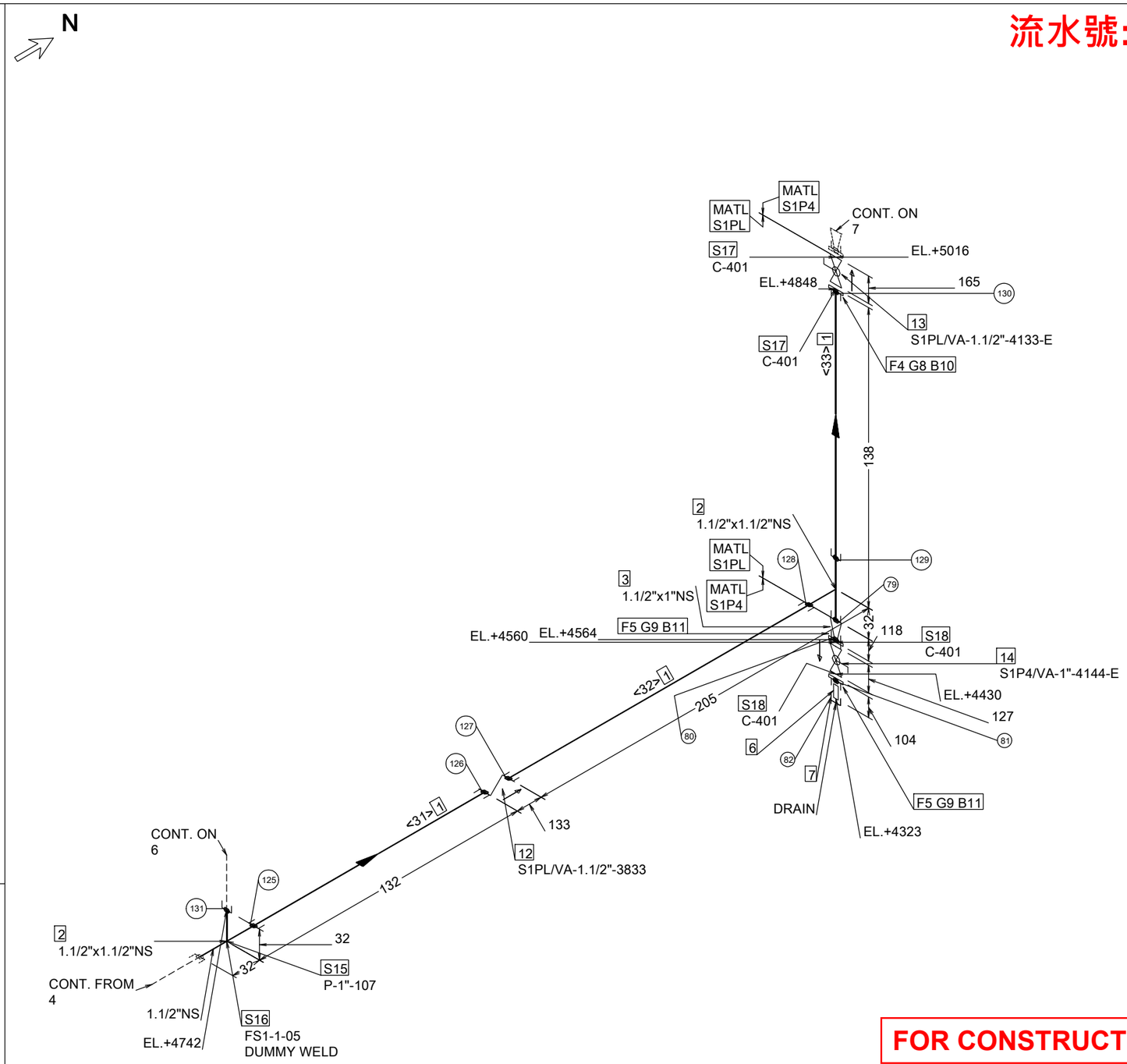
PT NO	COMPONENT DESCRIPTION	N.S. (INS)	ITEM CODE	QTY
	PIPE			
1	PIPE A312-TP316L SMLS SCH40S PE ASME B36.19M	1.1/2	S1PL/P-1.1/2"-40S	0.4M
	FITTINGS			
2	TEE 3000# SW A182-F316L ASME B16.11	1.1/2 x 1.1/2	S1PL/TS-1.1/2"	2
3	SWAGE CONC PBE A403-WP304 SMLS SCH40S MSS-SP-95	1.1/2 x 1	S1P4/SC-1.1/2"PX1"P	1
	FLANGES			
4	FLANGE SW 150# RF A182-F316L SCH40S BORE ASME B16.5	1.1/2	S1PL/FRSW-1.1/2"	1
5	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			
6	NIPPLE (L=100MM) TOE(NPT) A312-TP304 SMLS SCH80S ASME B36.19M	1	S1P4/NIP-1"X100LXTOE	1
7	CAP 3000# SCRD (FNPT) A182-F304 ASME B16.11	1	S1P4/CT-1"	1
	GASKETS			
8	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
9	GASKET 150# RF 3.0 MM THICK VIRGIN PTFE ZW#7500 ASME B16.21/B16.5	1	S1P4/GR-1"-ZW#7500	2
	BOLTS			
10	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
11	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			
12	CHECK 800# SW A182-F316L PISTON TYPE W/SPRING BC TRIM 316LSS STELLITED API-602	1.1/2	S1PL/VA-1.1/2"-3833	1
13	BALL 150# RF A351-CF3M/316LSS+PTFE FULL PORT FIRE SAFE WRENCH OPER. ASME B16.34 (VOC<100 vppm)	1.1/2	S1PL/VA-1.1/2"-4133-E	1
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
	SUPPORTS			
15	PIPE A312-TP316L SMLS SCH40S PE ASME B36.19M (P-1"-107)	1.1/2	S1PL/P-1"-1.1/2"	1
16	FIELD SUPPORT (FS1-1-05)	1.1/2	SUP/FS1-1-1.1/2"	1
17	FLANGE GROUNDING CONDUCTOR (C-401)	1.1/2	MISC/C-401	2
18	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
<31>	100	1.1/2		<32>	173	1.1/2	
<33>	100	1.1/2					



FOR CONSTRUCTION

JUL. 04, 2025

會簽	
分配	

△				
△				
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

[1] 管件序號 <1> 直管編號 [1] 管段編號 & 須設計會驗管線

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

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 鋼保溫(冷) 不銹鋼

管線等級: S1P4

保溫(冷)等級:

熱追縱等級:

焊接基準:

NDE 抽驗: 10 %

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

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