本圖完工後請速歸還

流水號:454

FABRICATION MATERIALS

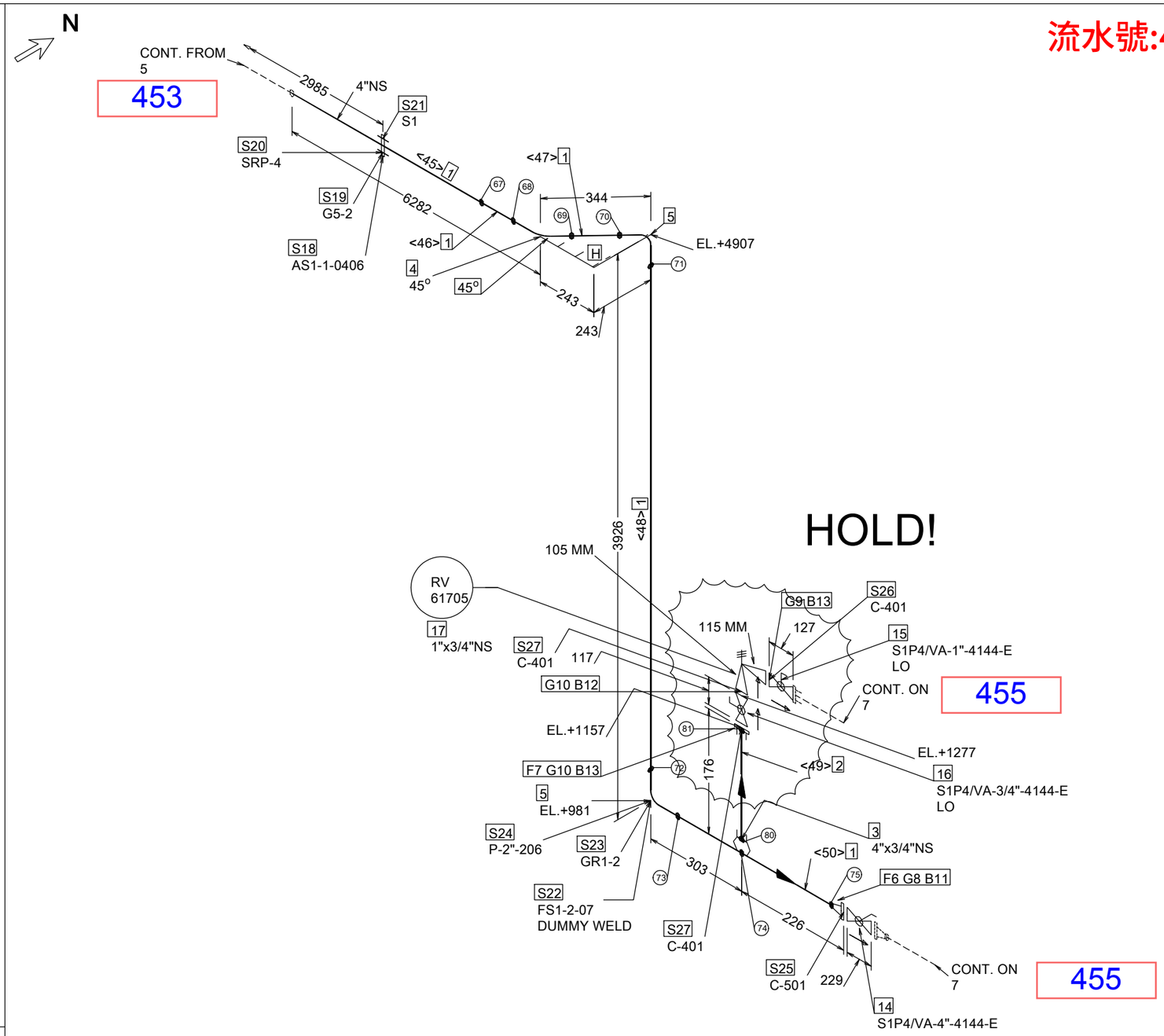
PT NO	COMPONENT DESCRIPTION	N.S. (INS)	ITEM CODE	QTY
	PIPE			
1	PIPE A312-TP304 EFW SCH40S BE ASME B36.19M	4	S1P4/P-4"-40S	10.3M
2	PIPE A312-TP304 EFW SCH40S PE ASME B36.19M	3/4	S1P4/P-3/4"-40S	0.1M
	FITTINGS			
3	SOCKOLET 3000# SW A182-F304 MSS SP-97	4 x 3/4	S1P4/SOL-4"X3/4"	1
4	45 ELBOW LR BW A403-WP304 SMLS SCH40S ASME B16.9	4	S1P4/EB-4"X45	1
5	90 ELBOW LR BW A403-WP304 SMLS SCH40S ASME B16.9	4	S1P4/EB-4"X90	2
	FLANGES			
6	FLANGE WN 150# RF A182-F304 SCH40S BORE ASME B16.5	4	S1P4/FRWN-4"	1
7	FLANGE SW 150# RF A182-F304 SCH40S BORE ASME B16.5	3/4	S1P4/FRSW-3/4"	1

ERECTION MATERIALS

PT NO	COMPONENT DESCRIPTION	N.S. (INS)	ITEM CODE	QTY
	GASKETS			
8	GASKET 150# RF 3.0 MM THICK VIRGIN PTFE ZW#7500 ASME B16.21/B16.5	4	S1P4/GR-4"-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	1
10	GASKET 150# RF 3.0 MM THICK VIRGIN PTFE ZW#7500 ASME B16.21/B16.5	3/4	S1P4/GR-3/4"-ZW#7500	2
	BOLTS			
11	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	8
12	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"X80L	4
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)	4	S1P4/VA-4"-4144-E	1
15	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
16	BALL 150# RF A351-CF8/304SS+PTFE FULL PORT FIRE SAFE WRENCH OPER. ASME B16.34 (VOC<100 vppm)	3/4	S1P4/VA-3/4"-4144-E	1
	INSTRUMENTS			
17	RELIEF VALVE 150# RF RV 61705	1 x 3/4		1
	SUPPORTS			
18	AUXILIARY SUPPORT (AS1-1-0406)	4	SUP/AS1-1-4"	1
19	PIPE GUIDE (G5-2)	4	SUP/G5-2-4"	1
20	SUPPORT REINFORCING PAD (SRP-4)	4	SUP/SRP-4"	1
21	PIPE SHOE (S1)	4	SUP/S1-4"	1
22	FIELD SUPPORT (FS1-2-07)	4	SUP/FS1-2-4"	1
23	GROUT (GR1-2)	4	SUP/GR1-2-4"	1
24	PIPE A312-TP304 EFW SCH40S BE ASME B36.19M (P-2"-206)	4	S1P4/P-2"-4"	1
25	FLANGE GROUNDING CONDUCTOR (C-501)	4	MISC/C-501	1
26	FLANGE GROUNDING CONDUCTOR (C-401)	1	MISC/C-401	1
27	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
<45>	6000	4		<46>	218	4	
<47>	128	4		<48>	3622	4	
<49>	100	3/4		<50>	301	4	



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

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: 2.9 KG/CM²G 操作溫度: 38 ℃
設計壓力: 6.1 KG/CM²G 設計溫度: 80 ℃
試驗基準: Air 6.71 KG/CM²G 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: C2418-4-520 C2418-4-512
圖號:

管線編號
P-10102-4"-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
6/7

檔號: P-10102-S1P4- 6