

本圖完工後請速歸還

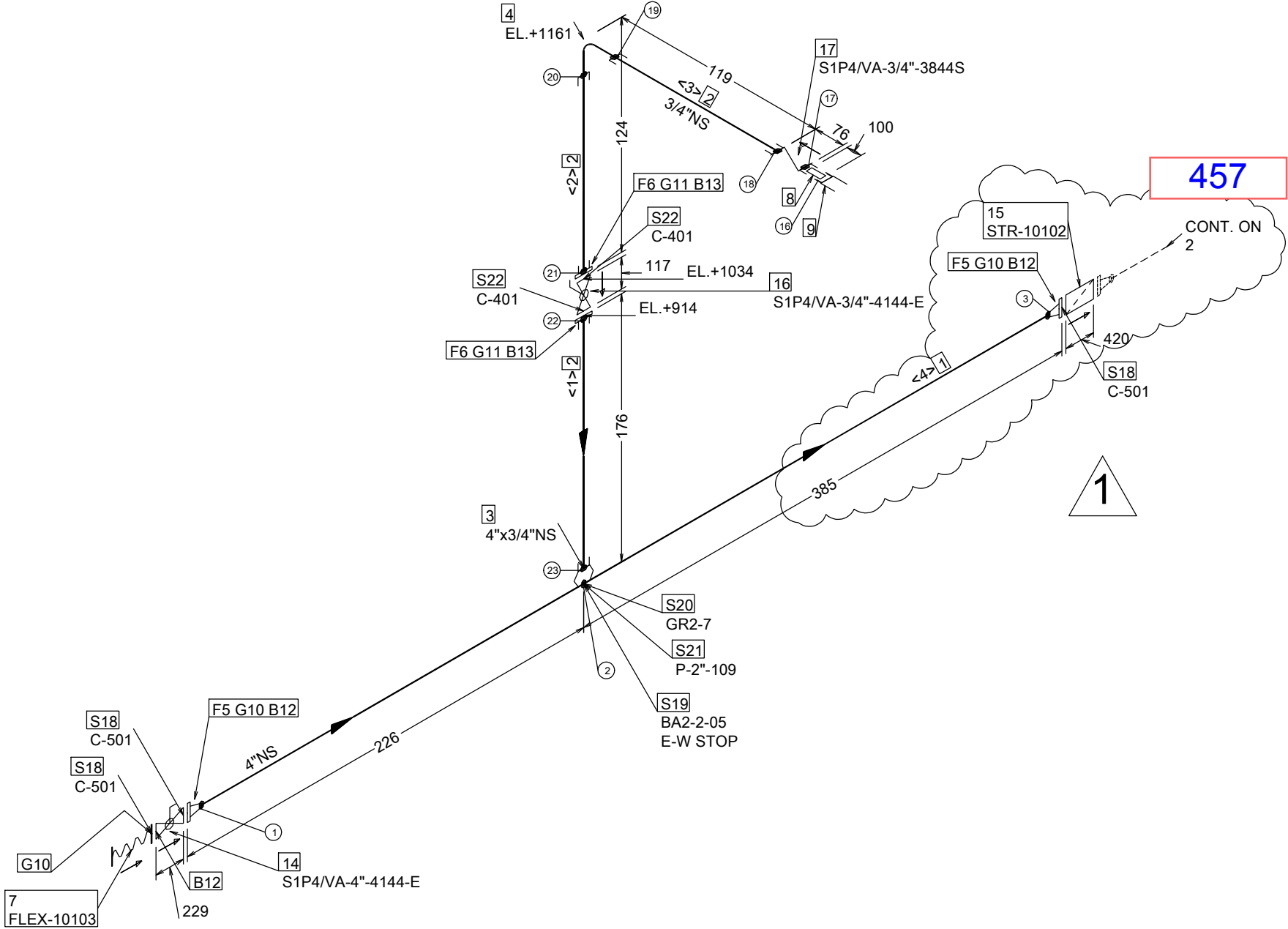
流水號:456



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REVISED
FOR CONSTRUCTION

SEP. 12, 2025

管線編號
P-10104-4"-S1P4

Eshine 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.

管線工程
立體配管圖

1
2

檔號: P-10104-S1P4- 1

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	0.5M
2	PIPE A312-TP304 EFW SCH40S PE ASME B36.19M	3/4	S1P4/P-3/4"-40S	0.3M

FITTINGS

3	SOCKOLET 3000# SW A182-F304 MSS SP-97	4 x 3/4	S1P4/SOL-4"X3/4"	1
4	90 ELBOW 3000# SW A182-F304 ASME B16.11	3/4	S1P4/ES-3/4"X90	1

FLANGES

5	FLANGE WN 150# RF A182-F304 SCH40S BORE ASME B16.5	4	S1P4/FRWN-4"	2
6	FLANGE SW 150# RF A182-F304 SCH40S BORE ASME B16.5	3/4	S1P4/FRSW-3/4"	2

ERECTION MATERIALS

PT NO	COMPONENT DESCRIPTION	N.S. (INS)	ITEM CODE	QTY
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FITTINGS

7	FLEXIBLE HOSE 150# RF L= 800mm PER DATA SHEET (FLEX-10103)	4	S1P4/FLX-4"	1
8	NIPPLE (L=100MM) TOE(NPT) A312-TP304 SMLS SCH80S ASME B36.19M	3/4	S1P4/NIP-3/4"X100LXTOE	1
9	ADAPTER (CAMLOCK COUPLING) SCR D (FEMALE NPT)	3/4	S1P4/QCAAS-3/4"	1

GASKETS

10	GASKET 150# RF 3.0 MM THICK VIRGIN PTFE ZW#7500 ASME B16.21/B16.5	4	S1P4/GR-4"-ZW#7500	3
11	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

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	24
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	BUCKET TYPE STRAINER 150# RF PER DATA SHEET (STR-10102)	4	S1P4/BST-4"	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
17	CHECK 800# SW A182-F304 SWING TYPE BC TRIM 304SS STELLITED API-602	3/4	S1P4/VA-3/4"-3844S	1

SUPPORTS

18	FLANGE GROUNDING CONDUCTOR (C-501)	4	MISC/C-501	3
19	BASE ANCHOR (BA2-2-05)	4	SUP/BA2-2-4"	1
20	GROUT (GR2-7)	4	SUP/GR2-4"	1
21	PIPE A312-TP304 EFW SCH40S BE ASME B36.19M (P-2"-109)	4	S1P4/P-2"-4"	1
22	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	3/4		<2>	100	3/4	
<3>	100	3/4		<4>	459	4	

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 蒸汽追縱管

操作壓力: 0.2 $\frac{KG}{CM^2}$ G 操作溫度: 38 °C

管線等級: S1P4

製圖 陳怡如 2025.04.21

會

設計壓力: 3.5 $\frac{KG}{CM^2}$ G 設計溫度: 80 °C

保溫(冷)等級:

設計 黃炳富 2025.04.21

簽

試驗基準: Air 3.85 $\frac{KG}{CM^2}$ G X 60 分

熱追縱等級:

審核 陳安誠 2025.04.21

管路塗裝:

焊接基準:

認可 陳逢明 2025.04.21

焊道塗裝:

NDE 抽驗: 10 %

依據圖號: C2418-4-518

圖號:

△							
△	2025.09.12	REVISED FOR CONSTRUCTION	黃炳富	陳逢明			
△	2025.07.03	FOR CONSTRUCTION	黃炳富	陳逢明			
△	2025.04.21	FOR APPROVAL	黃炳富	陳逢明			
序次	日期	修改說明	修改	認可			