本圖完工後請速歸還

流水號:97

85

## FABRICATION MATERIALS

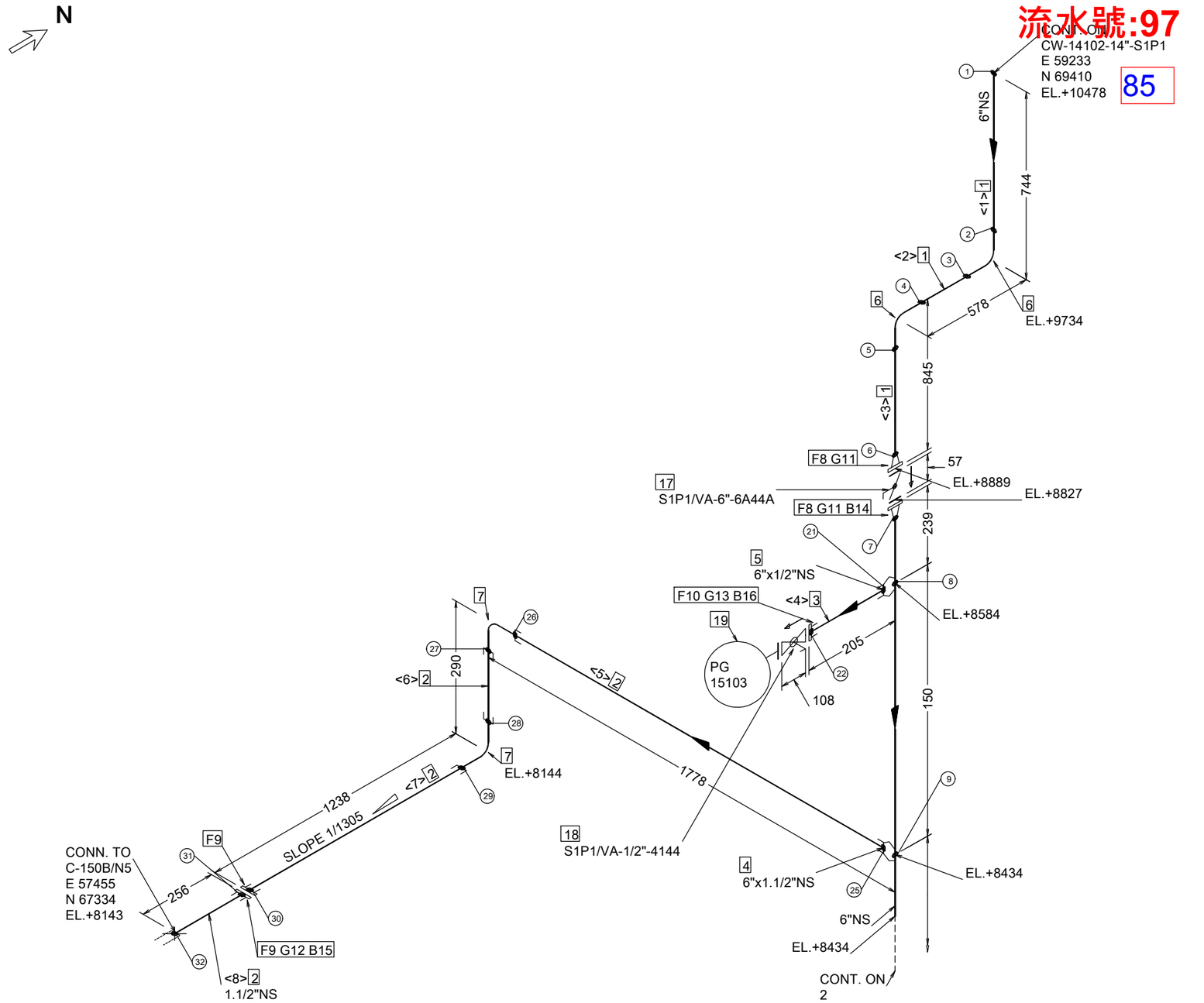
| PT NO | COMPONENT DESCRIPTION | N.S. (INS) | ITEM CODE | QTY |
|---|---|---|---|---|
| | **PIPE** | | | |
| 1 | PIPE A312-TP304 EFW SCH10S BE ASME B36.19M | 6 | S1P1/P-6"-10S | 1.5M |
| 2 | PIPE A312-TP304 EFW SCH40S PE ASME B36.19M | 1.1/2 | S1P1/P-1.1/2"-40S | 3.4M |
| 3 | PIPE A312-TP304 EFW SCH40S PE ASME B36.19M | 1/2 | S1P1/P-1/2"-40S | 0.1M |
| | **FITTINGS** | | | |
| 4 | SOCKOLET 3000# SW A182-F304 MSS SP-97 | 6 x 1.1/2 | S1P1/SOL-6"X1.1/2" | 1 |
| 5 | SOCKOLET 3000# SW A182-F304 MSS SP-97 | 6 x 1/2 | S1P1/SOL-6"X1/2" | 1 |
| 6 | 90 ELBOW LR BW A403-WP304 WELD SCH10S ASME B16.9 | 6 | S1P1/EB-6"X90 | 2 |
| 7 | 90 ELBOW 3000# SW A182-F304 ASME B16.11 | 1.1/2 | S1P1/ES-1.1/2"X90 | 2 |
| | **FLANGES** | | | |
| 8 | FLANGE WN 150# RF A182-F304 SCH10S BORE ASME B16.5 | 6 | S1P1/FRWN-6" | 2 |
| 9 | FLANGE SW 150# RF A182-F304 SCH40S BORE ASME B16.5 | 1.1/2 | S1P1/FRSW-1.1/2" | 2 |
| 10 | FLANGE SW 150# RF A182-F304 SCH40S BORE ASME B16.5 | 1/2 | S1P1/FRSW-1/2" | 1 |

## ERECTION MATERIALS

| PT NO | COMPONENT DESCRIPTION | N.S. (INS) | ITEM CODE | QTY |
|---|---|---|---|---|
| | **GASKETS** | | | |
| 11 | GASKET 150# RF 4.5 MM THICK 304SS SPIRAL WOUND W/GRAPHITE FILLER W/SS304 OUTER RING ASME B16.20/B16.5 | 6 | S1P1/GR-6" | 2 |
| 12 | GASKET 150# RF 4.5 MM THICK 304SS SPIRAL WOUND W/GRAPHITE FILLER W/SS304 OUTER RING ASME B16.20/B16.5 | 1.1/2 | S1P1/GR-1.1/2" | 1 |
| 13 | GASKET 150# RF 4.5 MM THICK 304SS SPIRAL WOUND W/GRAPHITE FILLER W/SS304 OUTER RING ASME B16.20/B16.5 | 1/2 | S1P1/GR-1/2" | 1 |
| | **BOLTS** | | | |
| 14 | STUD BOLT A193 GR.B8 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 | 3/4 | S1P1/BS4-3/4"X170L | 8 |
| 15 | STUD BOLT A193 GR.B8 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 | 1/2 | S1P1/BS4-1/2"X75L | 4 |
| 16 | STUD BOLT A193 GR.B8 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2 | 1/2 | S1P1/BS4-1/2"X60L | 4 |
| | **VALVES / IN-LINE ITEMS** | | | |
| 17 | BUTTERFLY 150# RF WAFER A351-CF8/304SS DISC RTFE/316SS SEAT 304SS SHAFT GEAR OPER. API-609 CAT.B | 6 | S1P1/VA-6"-6A44A | 1 |
| 18 | BALL 150# RF A351-CF8/304SS+PTFE FULL PORT FIRE SAFE WRENCH OPER. ASME B16.34 | 1/2 | S1P1/VA-1/2"-4144 | 1 |
| | **INSTRUMENTS** | | | |
| 19 | PRESSURE GAUGE 150# RF PG 15103 | 1/2 | | 1 |

## CUT PIPE LENGTH FOR REFERENCE ONLY

| PIECE NO | CUT LENGTH | N.S. (INS) | REMARKS | PIECE NO | CUT LENGTH | N.S. (INS) | REMARKS |
|---|---|---|---|---|---|---|---|
| <1> | 515 | 6 | | <2> | 120 | 6 | |
| <3> | 527 | 6 | | <4> | 100 | 1/2 | |
| <5> | 1640 | 1.1/2 | | <6> | 226 | 1.1/2 | |
| <7> | 1200 | 1.1/2 | | <8> | 250 | 1.1/2 | |




**FOR CONSTRUCTION**

**JUL. 04, 2025**

| | | | | |
|---|---|---|---|---|
| △ | | | | |
| △ | | | | |
| 0 | 2025.07.03 | FOR CONSTRUCTION | 陳至鉉 | 陳逢明 |
| A | 2025.04.21 | FOR APPROVAL | 陳至鉉 | 陳逢明 |
| 序次 | 日 期 | 修 改 說 明 | 修 改 | 認 可 |

△ 會 簽

分 配 △ △

[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: 4 KG/CM² G 操作溫度: 40 ℃

設計壓力: 8 KG/CM² G 設計溫度: 80 ℃

試驗基準: Air 8.8 KG/CM² G X 60 分

管路塗裝:

管支撐: 管材塗裝 碳鋼及不銹鋼保溫(冷): 不銹鋼:

焊道塗裝:

管線等級: S1P1

保溫(冷)等級:

熱追縱等級:

焊接基準:

NDE 抽驗: 10 %

| 會簽 | | | |
|---|---|---|---|
| 製 圖 | 陳郁惟 | 2025.04.21 | |
| 設 計 | 陳至鉉 | 2025.04.21 | |
| 審 核 | 陳安誠 | 2025.04.21 | |
| 認 可 | 陳逢明 | 2025.04.21 | |

依據圖號: C2418-4-525

圖號:

管線編號
CW-14106-6"-S1P1

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 / 2

檔號: CW-14106-S1P1- 1