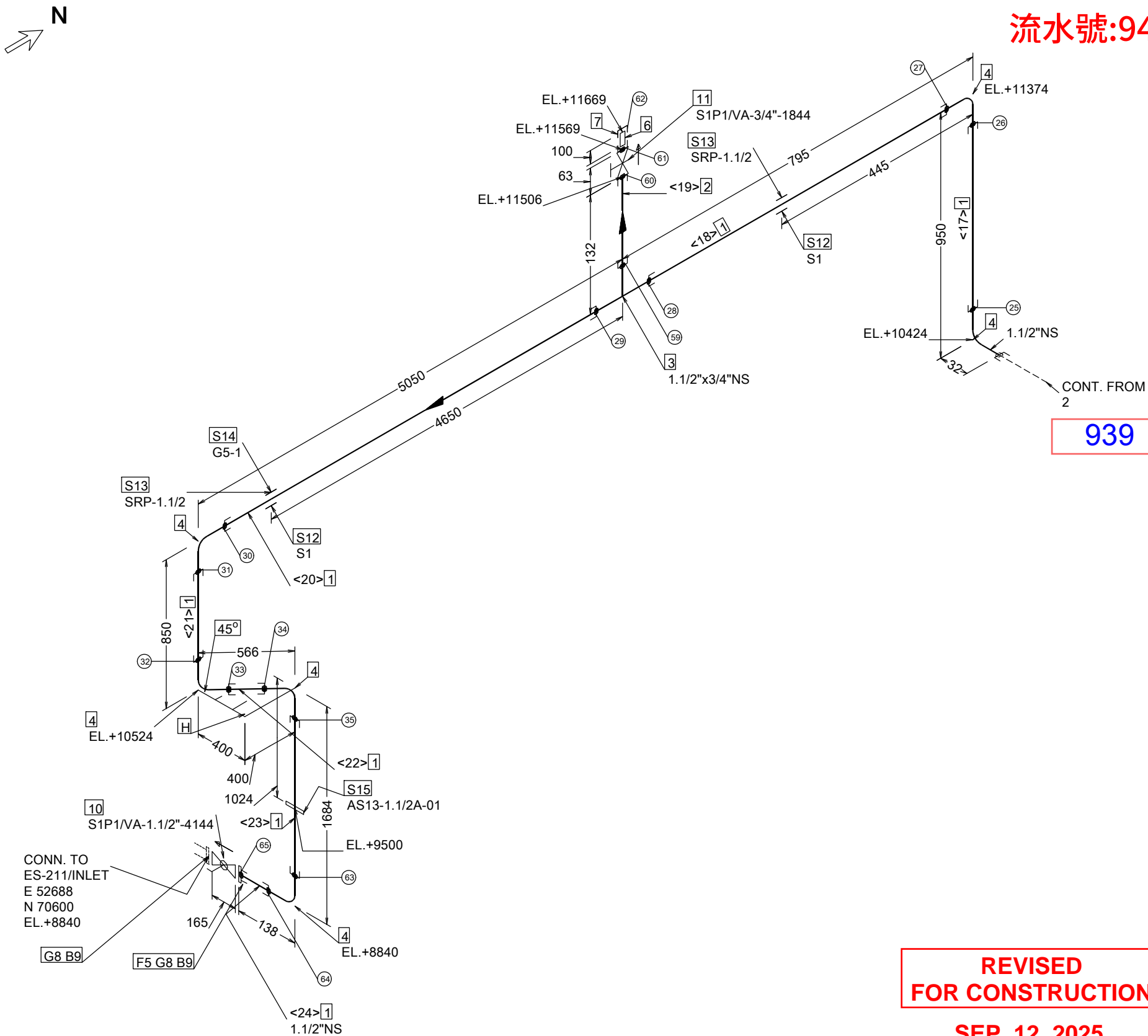


流水號:940

939



**REVISED  
FOR CONSTRUCTION**

**SEP. 12, 2025**

管線編號  
SW-11211-1.1/2"-S1P1

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.

|              |                     |
|--------------|---------------------|
| 崙尾一期<br>建廠工程 | 管線工程<br><hr/> 立體配管圖 |
|--------------|---------------------|

$$\begin{array}{r} 3 \\ 3 \end{array}$$

檔號: SW-11211-S1P1- 3

|   |  |                           |             |              |  |                                  |  |            |  |                    |  |  |
|---|--|---------------------------|-------------|--------------|--|----------------------------------|--|------------|--|--------------------|--|--|
| □ 管件序號 <1> 直管編號 [1] 管段編號<br>& 須設計會驗管線         |  |                           | 資料庫：<br>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<br>— — — — — — — — — — |                                  |  |            |  |                    |  |  |
| 操作壓力: 2.1 $\frac{KG}{CM^2} G$                 |  | 操作溫度: 30 °C               |             | 管線等級: S1P1   |  | 製 圖 陳郁惟                          |  | 2025.04.21 |  | 會<br><br><br><br>策 |  |  |
| 設計壓力: 9 $\frac{KG}{CM^2} G$                   |  | 設計溫度: 70 °C               |             | 保溫(冷)等級:     |  | 設 計 陳至鉉                          |  | 2025.04.21 |  |                    |  |  |
| 試驗基準: Air 9.9 $\frac{KG}{CM^2} G \times 60$ 分 |  |                           |             | 熱追蹤等級:       |  | 審 核 陳安誠                          |  | 2025.04.21 |  |                    |  |  |
| 管路塗裝:   |  | 管 材 塗 裝                   |             | 焊接基準:        |  | 認 可 陳逢明                          |  | 2025.04.21 |  |                    |  |  |
| 焊道:<br>塗裝:                                    |  | 碳鋼及不銹:<br>鋼保溫(冷):<br>不銹鋼: |             | NDE 抽驗: 10 % |  | 依據圖號: C2418-4-540<br>C2418-4-525 |  |            |  | 圖號:                |  |  |

| FABRICATION MATERIALS  |   |               |                        |      |
|------------------------|---|---------------|------------------------|------|
| PT<br>NO               | COMPONENT DESCRIPTION   | N.S.<br>(INS) | ITEM CODE              | QTY  |
| PIPE                   |   |               |                        |      |
| 1                      | PIPE A312-TP304 EFW SCH40S PE ASME B36.19M  | 1.1/2         | S1P1/P-1.1/2"-40S      | 9.7M |
| 2                      | PIPE A312-TP304 EFW SCH40S PE ASME B36.19M  | 3/4           | S1P1/P-3/4"-40S        | 0.1M |
| FITTINGS               |   |               |                        |      |
| 3                      | REDUCING TEE 3000# SW A182-F304 ASME B16.11   | 1.1/2 x 3/4   | S1P1/TS-1.1/2"X3/4"    | 1    |
| 4                      | 90 ELBOW 3000# SW A182-F304 ASME B16.11   | 1.1/2         | S1P1/ES-1.1/2"X90      | 6    |
| FLANGES                |   |               |                        |      |
| 5                      | FLANGE SW 150# RF A182-F304 SCH40S BORE ASME B16.5  | 1.1/2         | S1P1/FRSW-1.1/2"       | 1    |
| ERECTION MATERIALS     |   |               |                        |      |
| PT<br>NO               | COMPONENT DESCRIPTION   | N.S.<br>(INS) | ITEM CODE              | QTY  |
| FITTINGS               |   |               |                        |      |
| 6                      | NIPPLE (L=100MM) TOE(NPT) A312-TP304 SMLS SCH80S ASME B36.19M   | 3/4           | S1P1/NIP-3/4"X100LXTOE | 1    |
| 7                      | CAP 3000# SCRD (FNPT) A182-F304 ASME B16.11   | 3/4           | S1P1/CT-3/4"           | 1    |
| GASKETS                |   |               |                        |      |
| 8                      | 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"         | 2    |
| BOLTS                  |   |               |                        |      |
| 9                      | 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      | 8    |
| VALVES / IN-LINE ITEMS |   |               |                        |      |
| 10                     | BALL 150# RF A351-CF8/304SS+PTFE FULL PORT FIRE SAFE WRENCH OPER. ASME B16.34                         | 1.1/2         | S1P1/VA-1.1/2"-4144    | 1    |
| 11                     | GATE 800# SW A182-F304 BB OS & Y RS TRIM 304SS STELLITED SOLID WEDGE API-602                          | 3/4           | S1P1/VA-3/4"-1844      | 1    |
| SUPPORTS               |   |               |                        |      |
| 12                     | PIPE SHOE (S1)  | 1.1/2         | SUP/S1-1.1/2"          | 2    |
| 13                     | SUPPORT REINFORCING PAD (SRP-1.1/2)   | 1.1/2         | SUP/SRP-1.1/2"         | 2    |
| 14                     | PIPE GUIDE (G5-1)   | 1.1/2         | SUP/G5-1-1.1/2"        | 1    |
| 15                     | AUXILIARY SUPPORT (AS13-1.1/2A-01)  | 1.1/2         | SUP/AS13-A-1.1/2"      | 1    |

| CUT PIPE LENGTH FOR REFERENCE ONLY |            |            |         |          |            |            |         |
|------------------------------------|------------|------------|---------|----------|------------|------------|---------|
| PIECE NO                           | CUT LENGTH | N.S. (INS) | REMARKS | PIECE NO | CUT LENGTH | N.S. (INS) | REMARKS |
| <17>                               | 886        | 1.1/2      |         | <18>     | 731        | 1.1/2      |         |
| <19>                               | 100        | 3/4        |         | <20>     | 4986       | 1.1/2      |         |
| <21>                               | 786        | 1.1/2      |         | <22>     | 502        | 1.1/2      |         |
| <23>                               | 1620       | 1.1/2      |         | <24>     | 100        | 1.1/2      |         |

|    |            |                          |     |
|----|------------|--------------------------|-----|
| △  |            |                          |     |
| ▲  | 2025.09.12 | REVISED FOR CONSTRUCTION | 陳至鉉 |
| ○  | 2025.07.03 | FOR CONSTRUCTION         | 陳至鉉 |
| △  | 2025.04.21 | FOR APPROVAL             | 陳至鉉 |
| 序次 | 日 期        | 修 改 說 明                  | 修 改 |