



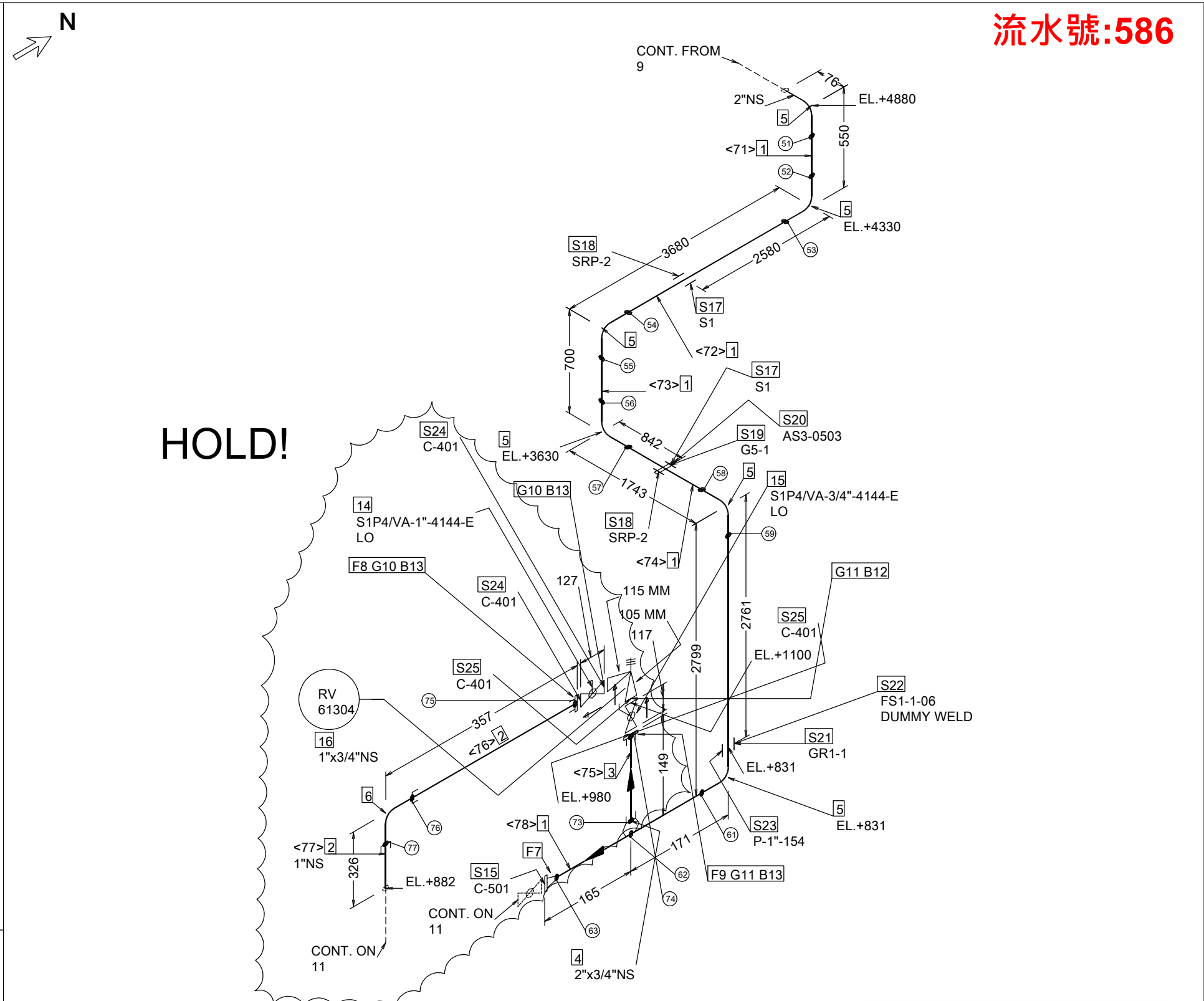


本圖完工後請速歸還

| FABRICATION MATERIALS | | | | |
|------------------------|--|---------------|----------------------|------|
| PT NO | COMPONENT DESCRIPTION | N.S. (INS) | ITEM CODE | QTY |
| PIPE | | | | |
| 1 | PIPE A312-TP304 EFW SCH40S BE ASME B36.19M | 2 | S1P4/P-2"-40S | 9.0M |
| 2 | PIPE A312-TP304 EFW SCH40S PE ASME B36.19M | 1 | S1P4/P-1"-40S | 0.7M |
| 3 | PIPE A312-TP304 EFW SCH40S PE ASME B36.19M | 3/4 | S1P4/P-3/4"-40S | 0.1M |
| FITTINGS | | | | |
| 4 | SOCKET 3000# SW A182-F304 MSS SP-97 | 2 x 3/4 | S1P4/SOL-2"x3/4" | 1 |
| 5 | 90 ELBOW LR BW A403-WP304 SMLS SCH40S ASME B16.9 | 2 | S1P4/EB-2"x90 | 6 |
| 6 | 90 ELBOW 3000# SW A182-F304 ASME B16.11 | 1 | S1P4/ES-1"x90 | 1 |
| FLANGES | | | | |
| 7 | FLANGE WN 150# RF A182-F304 SCH40S BORE ASME B16.5 | 2 | S1P4/FRWN-2" | 1 |
| 8 | FLANGE SW 150# RF A182-F304 SCH40S BORE ASME B16.5 | 1 | S1P4/FRSW-1" | 1 |
| 9 | 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 | | | | |
| 10 | GASKET 150# RF 3.0 MM THICK VIRGIN PTFE ZW#7500 ASME B16.21/B16.5 | 1 | S1P4/GR-1"-ZW#7500 | 2 |
| 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 | 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 | 12 |
| VALVES / IN-LINE ITEMS | | | | |
| 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 |
| 15 | 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 | | | | |
| 16 | RELIEF VALVE 150# RF RV 61304 | 1 x 3/4 | | 1 |
| SUPPORTS | | | | |
| 17 | PIPE SHOE (S1) | 2 | SUP/S1-2" | 2 |
| 18 | SUPPORT REINFORCING PAD (SRP-2) | 2 | SUP/SRP-2" | 2 |
| 19 | PIPE GUIDE (G5-1) | 2 | SUP/G5-1-2" | 1 |
| 20 | AUXILIARY SUPPORT (AS3-0503) | 2 | SUP/AS3-2" | 1 |
| 21 | GROUT (GR1-1) | 2 | SUP/GR1-1-2" | 1 |
| 22 | FIELD SUPPORT (FS1-1-06) | 2 | SUP/FS1-1-2" | 1 |
| 23 | PIPE A312-TP304 EFW SCH40S PE ASME B36.19M (P-1"-154) | 2 | S1P4/P-1"-2" | 1 |
| 24 | FLANGE GROUNDING CONDUCTOR (C-401) | 1 | MISC/C-401 | 2 |
| 25 | 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 | |
| <71> | 398 | 2 | | |
| <73> | 548 | 2 | | |
| <75> | 2723 | 2 | | |
| <77> | 330 | 1 | | |
| <79> | 196 | 2 | | |
| PIECE NO | CUT LENGTH | N.S. (INS) | REMARKS | |
| <72> | 3528 | 2 | | |
| <74> | 1591 | 2 | | |
| <76> | 100 | 3/4 | | |
| <78> | 303 | 1 | | |

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|  | 2025.07.03 | FOR CONSTRUCTION | 林信助 | 陳逢明 |
|  | 2025.04.21 | FOR APPROVAL | 林信助 | 陳逢明 |
| 序次 | 日 期 | 修 改 說 明 | 修 改 | 認 可 |



FOR CONSTRUCTION

JUL. 04, 2025

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|---|--|--|----------------------------------|--|--|--|----------------------------------|--|-----|--|--|
| | | | | | | | | | | 管線編號 P-21216-2"-S1P4 | |
| □ 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 —— —E—E— ✕ —■— — —. — | | | | | Eshine 鴻勝化學科技股份有限公司 E-shine Advanced Chemicals Ltd. | |
| 操作壓力: 3.49 $\frac{KG}{CM^2} G$ 操作溫度: 38 °C | | | 管線等級: S1P4 | | 製 圖 胡庭璋 2025.04.21 | | 會 策 | | |  富台工程股份有限公司 FU-TAI ENGINEERING CO., LTD. | |
| 設計壓力: 6.3 $\frac{KG}{CM^2} G$ 設計溫度: 120 °C | | | 保溫(冷)等級: | | 設 計 林信助 2025.04.21 | | | | | | |
| 試驗基準: Air 6.93 $\frac{KG}{CM^2} G \times 60$ 分 | | | 熱追蹤等級: | | 審 核 陳安誠 2025.04.21 | | | | | | |
| 管路塗裝: | | | 焊接基準: | | 認 可 陳達明 2025.04.21 | | | | | | |
| 焊道: 塗裝: | | | 管支撐 碳鋼及不銹: 鋼保溫(冷): 不銹鋼: | | NDE 抽驗: 10 % | | 依據圖號: C2418-4-502 C2418-4-513 | | 圖號: | | |
| | | | | | | | | | | 檔號: P-21216-S1P4- 10 | |
| | | | | | | | | | | 管尾一期 管線工程 10 建廠工程 立體配管圖 11 | |