本圖完工後請速歸還

## FABRICATION MATERIALS

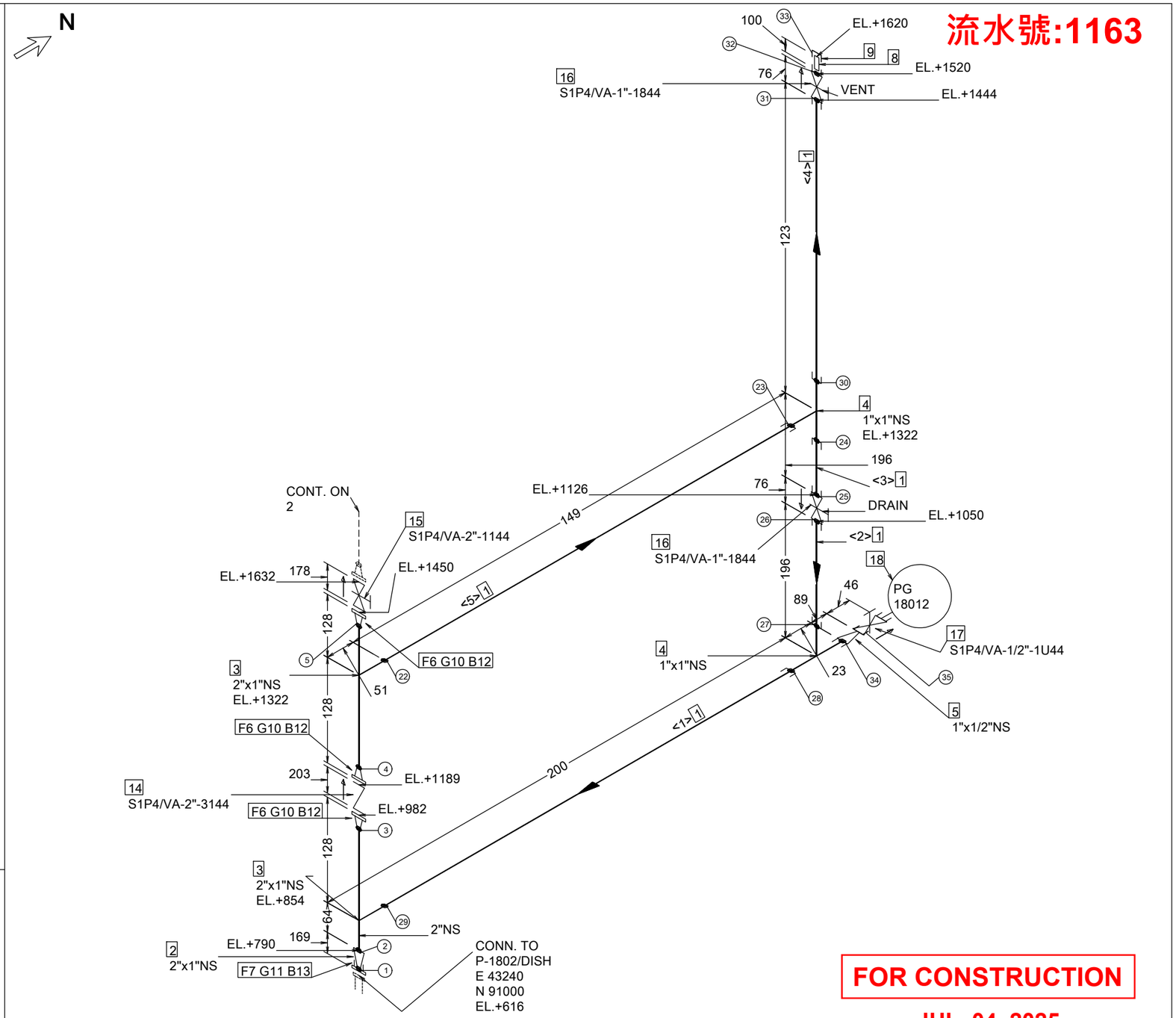
| PT NO | COMPONENT DESCRIPTION | N.S. (INS) | ITEM CODE | QTY |
|---|---|---|---|---|
| | **PIPE** | | | |
| 1 | PIPE A312-TP304 EFW SCH40S PE ASME B36.19M | 1 | S1P4/P-1"-40S | 0.7M |
| | **FITTINGS** | | | |
| 2 | SWAGE CONC BLE/PSE A403-WP304 SMLS SCH40S MSS-SP-95 | 2 x 1 | S1P4/SC-2"BX1"P | 1 |
| 3 | REDUCING TEE BW A403-WP304 SMLS SCH40S ASME B16.9 | 2 x 1 | S1P4/TB-2"X1" | 2 |
| 4 | TEE 3000# SW A182-F304 ASME B16.11 | 1 x 1 | S1P4/TS-1" | 2 |
| 5 | SWAGE CONC PBE A403-WP304 SMLS SCH40S MSS-SP-95 | 1 x 1/2 | S1P4/SC-1"PX1/2"P | 1 |
| | **FLANGES** | | | |
| 6 | FLANGE WN 150# RF A182-F304 SCH40S BORE ASME B16.5 | 2 | S1P4/FRWN-2" | 3 |
| 7 | FLANGE SW 150# RF A182-F304 SCH40S BORE ASME B16.5 | 1 | S1P4/FRSW-1" | 1 |

## ERECTION MATERIALS

| PT NO | COMPONENT DESCRIPTION | N.S. (INS) | ITEM CODE | QTY |
|---|---|---|---|---|
| | **FITTINGS** | | | |
| 8 | NIPPLE (L=100MM) TOE(NPT) A312-TP304 SMLS SCH80S ASME B36.19M | 1 | S1P4/NIP-1"X100LXTOE | 1 |
| 9 | CAP 3000# SCRD (FNPT) A182-F304 ASME B16.11 | 1 | S1P4/CT-1" | 1 |
| | **GASKETS** | | | |
| 10 | GASKET 150# RF 4.5 MM THICK 304SS SPIRAL WOUND W/GRAPHITE FILLER W/SS304 OUTER RING ASME B16.20/B16.5 | 2 | S1P4/GR-2" | 3 |
| 11 | GASKET 150# RF 4.5 MM THICK 304SS SPIRAL WOUND W/GRAPHITE FILLER W/SS304 OUTER RING ASME B16.20/B16.5 | 1 | S1P4/GR-1" | 1 |
| | **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"X85L | 12 |
| 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 | 4 |
| | **VALVES / IN-LINE ITEMS** | | | |
| 14 | CHECK 150# RF A351-CF8 SWING BC TRIM 304SS STELLITED API-600 | 2 | S1P4/VA-2"-3144 | 1 |
| 15 | GATE 150# RF A351-CF8 BB OS &Y RS TRIM 304SS STELLITED FLEXIBLE WEDGE API-600 | 2 | S1P4/VA-2"-1144 | 1 |
| 16 | GATE 800# SW A182-F304 BB OS &Y RS TRIM 304SS STELLITED SOLID WEDGE API-602 | 1 | S1P4/VA-1"-1844 | 2 |
| 17 | GATE 800# SW/SCRD(NPT) A182-F304 BB OS &Y RS TRIM 304SS STELLITED SOLID WEDGE API-602 | 1/2 | S1P4/VA-1/2"-1U44 | 1 |
| | **INSTRUMENTS** | | | |
| 18 | PRESSURE GAUGE NPT PG 18012 | 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> | 127 | 1 | | <2> | 173 | 1 | |
| <3> | 174 | 1 | | <4> | 100 | 1 | |
| <5> | 126 | 1 | | | | | |




**FOR CONSTRUCTION**

**JUL. 04, 2025**

| 會簽 | | | | |
|---|---|---|---|---|
| △ | | | | |
| △ | | | | |
| 0 | 2025.07.03 | FOR CONSTRUCTION | 林信助 | 陳逢明 |
| A | 2025.04.21 | FOR APPROVAL | 林信助 | 陳逢明 |
| 序次 | 日期 | 修改說明 | 修改 | 認可 |

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

管線編號
WW-18013-2"-S1P4

鴻勝化學科技股份有限公司
E-shine Advanced Chemicals Ltd.

| | | | |
|---|---|---|---|
| 操作壓力: 2 KG/CM²G | 操作溫度: 25 ℃ | 管線等級: S1P4 | 製圖 胡庭瑋 2025.04.21 |
| 設計壓力: 4 KG/CM²G | 設計溫度: 70 ℃ | 保溫(冷)等級: | 設計 林信助 2025.04.21 |
| 試驗基準: Air 4.4 KG/CM²G X 60 分 | | 熱追縱等級: | 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: C2418-4-527 C2418-4-540 |

會簽 圖號:

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: WW-18013-S1P4- 1