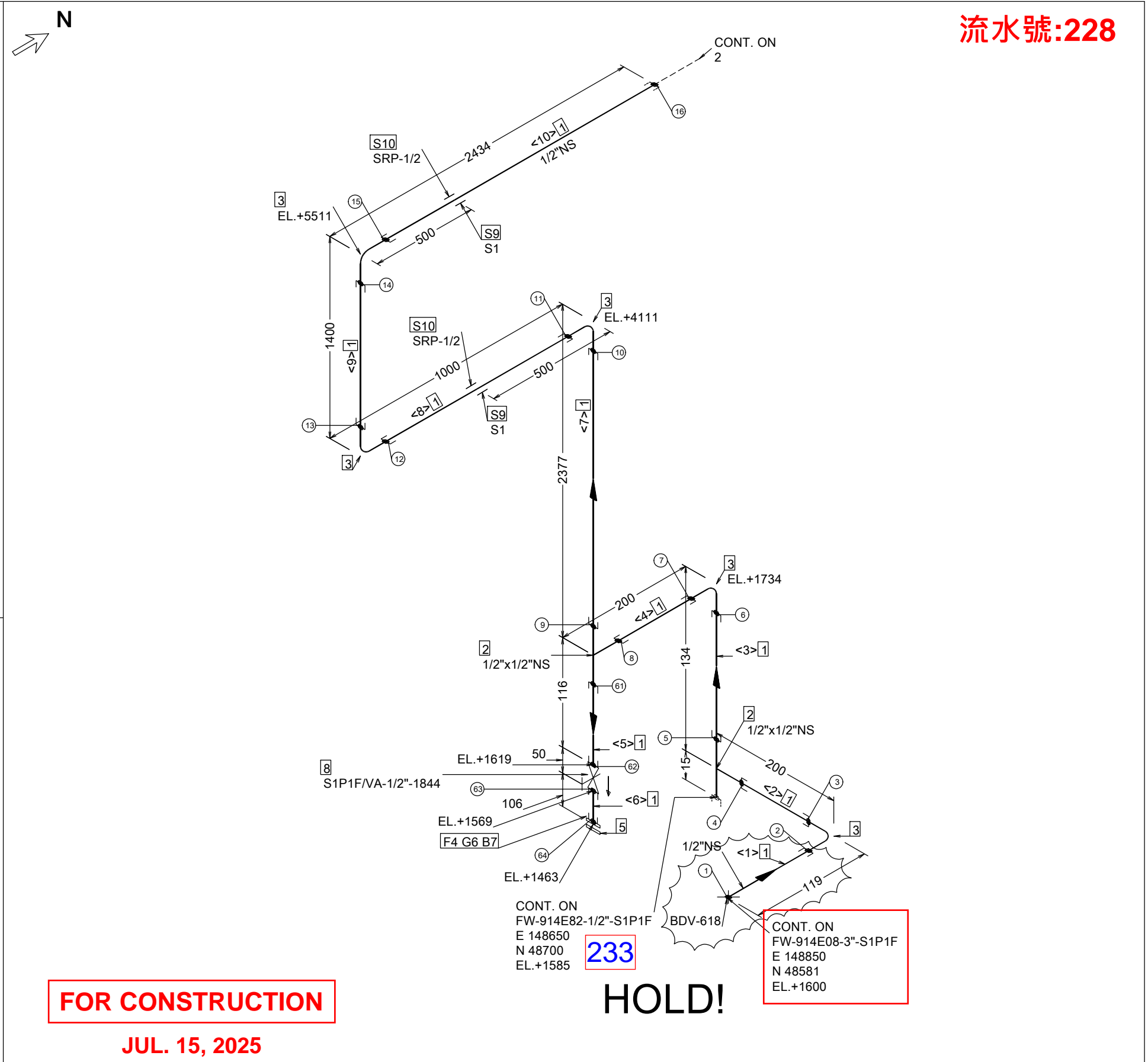



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| FABRICATION MATERIALS         |   |               |                    |      |
|-------------------------------|---|---------------|--------------------|------|
| PT<br>NO                      | COMPONENT DESCRIPTION   | N.S.<br>(INS) | ITEM CODE          | QTY  |
| <u>PIPE</u>                   |   |               |                    |      |
| 1                             | PIPE A312-TP304 EFW SCH40S PE CNS 6331  | 1/2           | S1P1F/P-1/2"-40S   | 7.9M |
| <u>FITTINGS</u>               |   |               |                    |      |
| 2                             | TEE 3000# SW A182-F304 ASME B16.11  | 1/2 x 1/2     | S1P1F/TS-1/2"      | 2    |
| 3                             | 90 ELBOW 3000# SW A182-F304 ASME B16.11   | 1/2           | S1P1F/ES-1/2"X90   | 5    |
| <u>FLANGES</u>                |   |               |                    |      |
| 4                             | FLANGE SW 150# RF A182-F304 SCH40S BORE ASME B16.5  | 1/2           | S1P1F/FRSW-1/2"    | 1    |
| <u>ERECTION MATERIALS</u>     |   |               |                    |      |
| PT<br>NO                      | COMPONENT DESCRIPTION   | N.S.<br>(INS) | ITEM CODE          | QTY  |
| <u>FLANGES</u>                |   |               |                    |      |
| 5                             | FLANGE BLIND 150# RF A182-F304 ASME B16.5   | 1/2           | S1P1F/FBR-1/2"     | 1    |
| <u>GASKETS</u>                |   |               |                    |      |
| 6                             | GASKET 150# RF 4.5 MM THICK 304SS SPIRAL WOUND W/GRAPHITE FILLER W/SS304 OUTER RING ASME B16.20/B16.5 | 1/2           | S1P1F/GR-1/2"      | 1    |
| <u>BOLTS</u>                  |   |               |                    |      |
| 7                             | STUD BOLT A193 GR.B8 W/ TWO HEX. HEAD HEAVY NUT A194 GR.8 ASME B1.1 B18.2.2                           | 1/2           | S1P1F/BS4-1/2"X60L | 4    |
| <u>VALVES / IN-LINE ITEMS</u> |   |               |                    |      |
| 8                             | GATE 800# SW A182-F304 BB OS & Y RS TRIM 304SS STELLITED SOLID WEDGE API-602                          | 1/2           | S1P1F/VA-1/2"-1844 | 1    |
| <u>SUPPORTS</u>               |   |               |                    |      |
| 9                             | PIPE SHOE (S1)  | 1/2           | SUP/S1-1/2"        | 2    |
| 10                            | SUPPORT REINFORCING PAD (SRP-1/2)   | 1/2           | SUP/SRP-1/2"       | 2    |

| CUT PIPE LENGTH FOR REFERENCE ONLY |            |            |         |          |            |            |         |
|------------------------------------|------------|------------|---------|----------|------------|------------|---------|
| PIECE NO                           | CUT LENGTH | N.S. (INS) | REMARKS | PIECE NO | CUT LENGTH | N.S. (INS) | REMARKS |
| <1>                                | 103        | 1/2        |         | <2>      | 169        | 1/2        |         |
| <3>                                | 102        | 1/2        |         | <4>      | 169        | 1/2        |         |
| <5>                                | 100        | 1/2        |         | <6>      | 100        | 1/2        |         |
| <7>                                | 2345       | 1/2        |         | <8>      | 968        | 1/2        |         |
| <9>                                | 1368       | 1/2        |         | <10>     | 2418       | 1/2        |         |



|  |  |                                       |  |                 |  |  |  |     |  |            |  |                        |      |  |  |  |       |  |   |  |
|--|--|---------------------------------------|--|-----------------|--|--|--|-----|--|------------|--|------------------------|------|--|--|--|-------|--|---|--|
|  |  |                                       |  |                 |  |  |  |     |  |            | 管線編號<br>FW-914E81-1/2"-S1P1F                           |                        |      |  |  |  |       |  |   |  |
| □ 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>—— —E—E— —X— —■— —=—— —.— |  |     |  |            | Eshine 鴻勝化學科技股份有限公司<br>E-shine Advanced Chemicals Ltd. |                        |      |  |  |  |       |  |   |  |
| 操作壓力: 10 $\frac{KG}{CM^2} G$               |  | 操作溫度: 25    °C                        |  | 管線等級:    S1P1F  |  | 製 圖  |  | 陳郁惟 |  | 2025.04.21 |  | 會<br>策                 |      |  |  富台工程股份有限公司<br>FU-TAI ENGINEERING CO., LTD. |  |       |  |   |  |
| 設計壓力: 12.3 $\frac{KG}{CM^2} G$             |  | 設計溫度: 60    °C                        |  | 保溫(冷)等級:        |  | 設 計  |  | 陳至鉉 |  | 2025.04.21 |  |                        |      |  |  |  |       |  |   |  |
| 試驗基準: Water                                |  | 18.45 $\frac{KG}{CM^2} G \times 60$ 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: C2418-4-569<br>C2418-4-513   |  |     |  | 圖號:        |  | 檔號: FW-914E81-S1P1F- 1 |      |  |  |  |       |  |   |  |
|  |  |                                       |  |                 |  |  |  |     |  |            | 審尾一期<br>建廠工程   |                        | 管線工程 |  | 1  |  | 立體配管圖 |  | 5 |  |