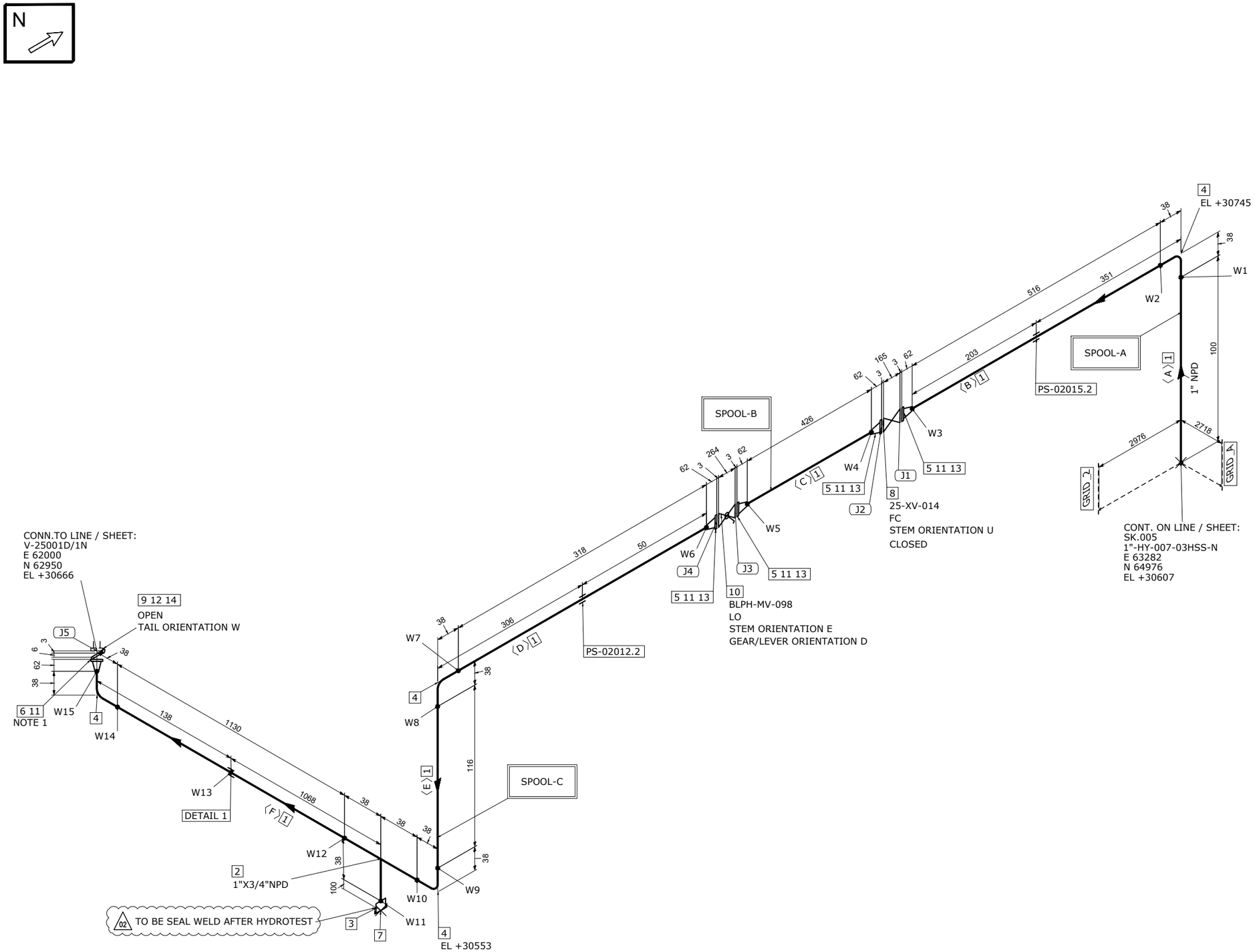
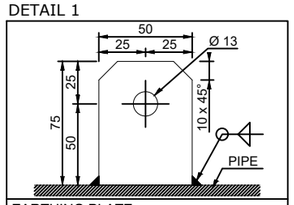



DETAIL 1




EARTHING PLATE
DIMENSIONS: 75 x 50 x 5 thk. HOLE Ø13
MATERIAL: 316L STAINLESS STEEL
ORIENTATION: UP UNLESS OTHERWISE NOTED

## MATERIAL LIST

FABRICATION

| POS. | SIZE | SAP CODE | DESCRIPTION | Q.TY | WEIGHT [kg] |
|---|---|---|---|---|---|
| 1 | 1 | PIPESS00480100 | Pipe ASME B36.19M PE 3,38 SML ASTM A312 Gr.TP316/316L | 2.6M | 6.6 |
| 2 | 1X3/4 | TER0SS0171013Q | Tee Reducing ASME B16.9 BW 3,38x2,87 WRS ASTM A403 Gr.WP316/316L | 1 | 0.3 |
| 3 | 3/4 | N100SS02653Q00 | Nipple L=100mm ASME B36.19M THRD-M NPT x PE 2,87 SML ASTM A312 Gr.TP316/316L | 1 | 0.2 |
| 4 | 1 | E90RSS00670100 | 90 Deg Elbow Long Radius ASME B16.9 BW 3,38 WRS ASTM A403 Gr.WP316/316L | 4 | 0.6 |
| 5 | 1 | FLW0SS03270100 | Flange WN ASME B16.5 300LB RF 3,38 FRG ASTM A182 Gr.F316/316L | 4 | 7.3 |
| 6 | 1 | FLWDSS00770100 | Flange WN For Jackscrews ASME B16.5 300LB RF 3,38 FRG ASTM A182 Gr.F316/316L | 1 | 1.8 |

ERECTION

| POS. | SIZE | SAP CODE | DESCRIPTION | Q.TY | WEIGHT [kg] |
|---|---|---|---|---|---|
| 7 | 3/4 | CAPFSS00023Q00 | Cap Forged ASME B16.11 THRD-F NPT 3000# FRG ASTM A182 Gr.F316/316L | 1 | 0.2 |
| 8 | 1 | | ON/OFF Ball Actuator Valve - 300#RF Flanged | 1 | 41.0 |
| 9 | 1 | BSPESS01580100 | Spectacle Blinds ASME B16.48 THRU BOLTED 300LB RF FPL ASTM A240 Gr.TP316/316L | 1 | 0.5 |
| 10 | 1 | VLBBNN07190100 | Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH | 1 | 13.5 |
| 11 | 1 | GSW0GK11210100 | Gasket Spiral Wound Thk. 3.2 mm ASME B16.20 300LB RF GSK AISI 316 + GRAPHITE c/w INNER RING | 5 | 0.4 |
| 12 | 1 | SPIKNN01420100 | Insulation Kit Ends as per ASME B16.5 300LB RF | 1 | 0.1 |
| 13 | 5/8 | SB20BO01870300 | 80 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized | 16 | 3.7 |
| 14 | 5/8 | SB20BO04200300 | 105 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized | 4 | 1.0 |

| | |
|---|---|
| FABRICATION WEIGHT [kg] | 16.8 |
| ERECTION WEIGHT [kg] | 60.4 |
| OVERALL WEIGHT [kg] | 76.8 |

### WELD SUMMARY

| WELD No. | SIZE [inches] | TYPE |
|---|---|---|
| W1 | 1 | BW |
| W2 | 1 | BW |
| W3 | 1 | BW |
| W4 | 1 | BW |
| W5 | 1 | BW |
| W6 | 1 | BW |
| W7 | 1 | BW |
| W8 | 1 | BW |
| W9 | 1 | BW |
| W10 | 1 | BW |
| W11 | 3/4 | BW |
| W12 | 1 | BW |
| W13 | | FW |
| W14 | 1 | BW |
| W15 | 1 | BW |

### CUTTING LIST

| PIECE No. | SIZE [inches] | LENGTH [mm] | END PREP.1 | END PREP.2 |
|---|---|---|---|---|
| A | 1 | 100 | BEVEL | BEVEL |
| B | 1 | 516 | BEVEL | BEVEL |
| C | 1 | 426 | BEVEL | BEVEL |
| D | 1 | 318 | BEVEL | BEVEL |
| E | 1 | 116 | BEVEL | BEVEL |
| F | 1 | 1130 | BEVEL | BEVEL |

### SUPPORT LIST

PS-02015.2
PS-02012.2

| SPOOL | WELD [inches] | WEIGHT [kg] |
|---|---|---|
| A | 3 | 3.5 |
| B | 2 | 4.7 |
| C | 8.75 | 8.5 |
| | | |
| | | |
| | | |
| | | |
| | | |
| MONT | 0 | 60.4 |

| REV. | DATE | DRN | CHKD | APPD | DESCRIPTION |
|---|---|---|---|---|---|
| 02 | 17-09-2024 | STAFF SRL | RT | LM | REVISED WHERE INDICATED |
| 01 | 03-09-2024 | STAFF SRL | RT | LM | REVISED WHERE INDICATED |
| 00 | 30-07-2024 | STAFF SRL | RT | LM | ISSUED FOR CONSTRUCTION |

CROSSWIND

ROSETTI MARINO

TITLE
SHOP DRAWING ISOMETRIC
LINE NR. 1"-HY-018-03HSS-N

SK.012

### LINE DATA

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| NDT INSPECTION CATEGORY | 1 | | PED CATEGORY | II | | | |
| PAINTING | SYSTEM 6A | BASE RAL RAL 9002 | FLUID PHASE | GAS | | | |
| INSULATION | TYPE N | THICKNESS [mm] | DESIGN | PRESS. 40 [barg] | TEMP. -29 / 80 [°C] | | |
| HEAT TRACING | -- | | TEST | PRESS. 60 [barg] | TEMP. AMB | MEDIUM Water | |

### REFERENCE DOCUMENTS

| | |
|---|---|
| P&ID | 123A90-DDL-PR-PID-80018 |
| ISOMETRIC SHOP DWG LIST | 123A90-FDL-PP-LIS-00001 |
| PIPING SUPPORT BOOK | 123A90-DDL-PP-DD-72000 |
| PIPING MATERIAL CLASS | 123A90-DDL-PP-SP-70029 |

### NOTES

1.JACKSCREWS POSITION N/S

MASTER

| | | | |
|---|---|---|---|
| CONTRACT NO./ TITLE | CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK | SCALE | N/A |
| DRAWN STAFF SRL | CHECKED RT | APPROVED LM | DATE 17-09-2024 |
| FORMAT A3 | DRAWING NO. 123A90-FDL-PP-DI-00012 | SHEET / OF 1/1 | REV. 02 |