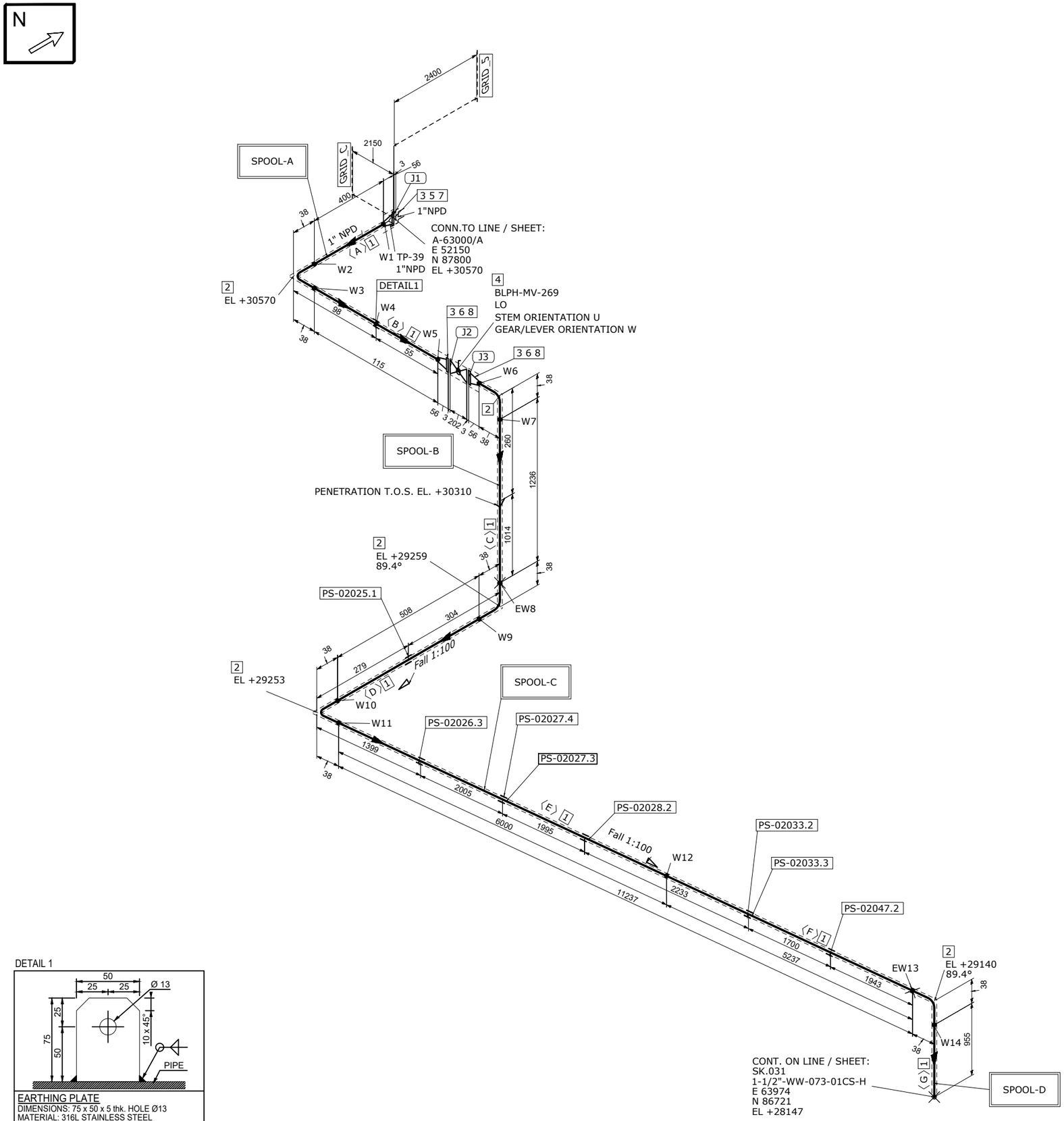



DETAIL 1




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 | PIPECS08300100 | Pipe ASME B36.10M PE 4,55 SML ASTM/ASME A/SA333 Gr.6 | 14.5M | 46.9 |
| 2 | 1 | E90RCS01780100 | 90 Deg Elbow Long Radius ASME B16.9 BW 4,55 WRS ASTM/ASME A/SA420 Gr.WPL6 | 5 | 0.9 |
| 3 | 1 | FLW0CS16540100 | Flange WN ASME B16.5 150LB RF 4,55 FRG ASTM/ASME A/SA350 Gr.LF2 | 3 | 4.2 |

ERECTION

| POS. | SIZE | SAP CODE | DESCRIPTION | Q.TY | WEIGHT [kg] |
|---|---|---|---|---|---|
| 4 | 1 | VLBLNN01280100 | Block & Bleed Valve API 6D FLG 150LB RF BS01B01RFS | 1 | 12.5 |
| 5 | 1 | SPIKNN01220100 | Insulation Kit Ends as per ASME B16.5 150LB RF | 1 | 0.1 |
| 6 | 1 | GSW0GK11100100 | Gasket Spiral Wound Thk. 3.2 mm ASME B16.20 150LB RF GSK AISI 316 + GRAPHITE c/w INNER RING | 2 | 0.1 |
| 7 | 1/2 | SB20BO00980200 | 80 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized | 4 | 0.5 |
| 8 | 1/2 | SB20BO01080200 | 65 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized | 8 | 1.0 |

| | |
|---|---|
| FABRICATION WEIGHT [kg] | 52.0 |
| ERECTION WEIGHT [kg] | 14.2 |
| OVERALL WEIGHT [kg] | 66.2 |

### WELD SUMMARY

| WELD No. | SIZE [inches] | TYPE |
|---|---|---|
| W1 | 1 | BW |
| W2 | 1 | BW |
| W3 | 1 | BW |
| W4 | | FW |
| W5 | 1 | BW |
| W6 | 1 | BW |
| W7 | 1 | BW |
| EW8 | 1 | BW |
| W9 | 1 | BW |
| W10 | 1 | BW |
| W11 | 1 | BW |
| W12 | 1 | BW |
| EW13 | 1 | BW |
| W14 | 1 | BW |

### CUTTING LIST

| PIECE No. | SIZE [inches] | LENGTH [mm] | END PREP.1 | END PREP.2 |
|---|---|---|---|---|
| A | 1 | 400 | BEVEL | BEVEL |
| B | 1 | 115 | BEVEL | BEVEL |
| C | 1 | 1236 | BEVEL | BEVEL |
| D | 1 | 508 | BEVEL | BEVEL |
| E | 1 | 6000 | BEVEL | BEVEL |
| F | 1 | 5237 | BEVEL | BEVEL |
| G | 1 | 955 | BEVEL | BEVEL |

### SUPPORT LIST

PS-02025.1
PS-02026.3
PS-02027.3
PS-02027.4
PS-02028.2
PS-02033.2
PS-02033.3
PS-02047.2

| SPOOL | WELD [inches] | WEIGHT [kg] |
|---|---|---|
| A | 4 | 4.7 |
| B | 2 | 5.6 |
| C | 4 | 38.4 |
| D | 1 | 3.3 |
| | | |
| | | |
| | | |
| | | |
| MONT | 2 | 14.2 |

| REV. | DATE | DRN | CHKD | APPD | DESCRIPTION |
|---|---|---|---|---|---|
| 00 | 27-08-2024 | STAFF SRL | RT | LM | ISSUED FOR CONSTRUCTION |

CROSSWIND

ROSETTI MARINO

TITLE
SHOP DRAWING ISOMETRIC
LINE NR. 1"-WW-079-01CS-H

SK.032

CONTRACT NO./ TITLE: CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK
SCALE: N/A
DRAWN: STAFF SRL | CHECKED: RT | APPROVED: LM | DATE: 27-08-2024
FORMAT: A3 | DRAWING NO.: 123A90-FDL-PP-DI-00032 | SHEET / OF: 1/1 | REV.: 00

### LINE DATA

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NDT INSPECTION CATEGORY | 2 | | PED CATEGORY | Art. 4, par. 3 | | | | |
| PAINTING | SYSTEM 1D | BASE RAL N/A | FLUID PHASE | Liquid | | | | |
| INSULATION | TYPE H | THICKNESS 20 [mm] | DESIGN | PRESS. 3.5 [barg] | TEMP. -46 / 100 [°C] | | | |
| HEAT TRACING | N/A | | TEST | PRESS. 5.25 [barg] | TEMP. AMB | MEDIUM Water | | |

### REFERENCE DOCUMENTS

| | |
|---|---|
| P&ID | 123A90-DDL-PR-PID-80027 |
| 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

MASTER