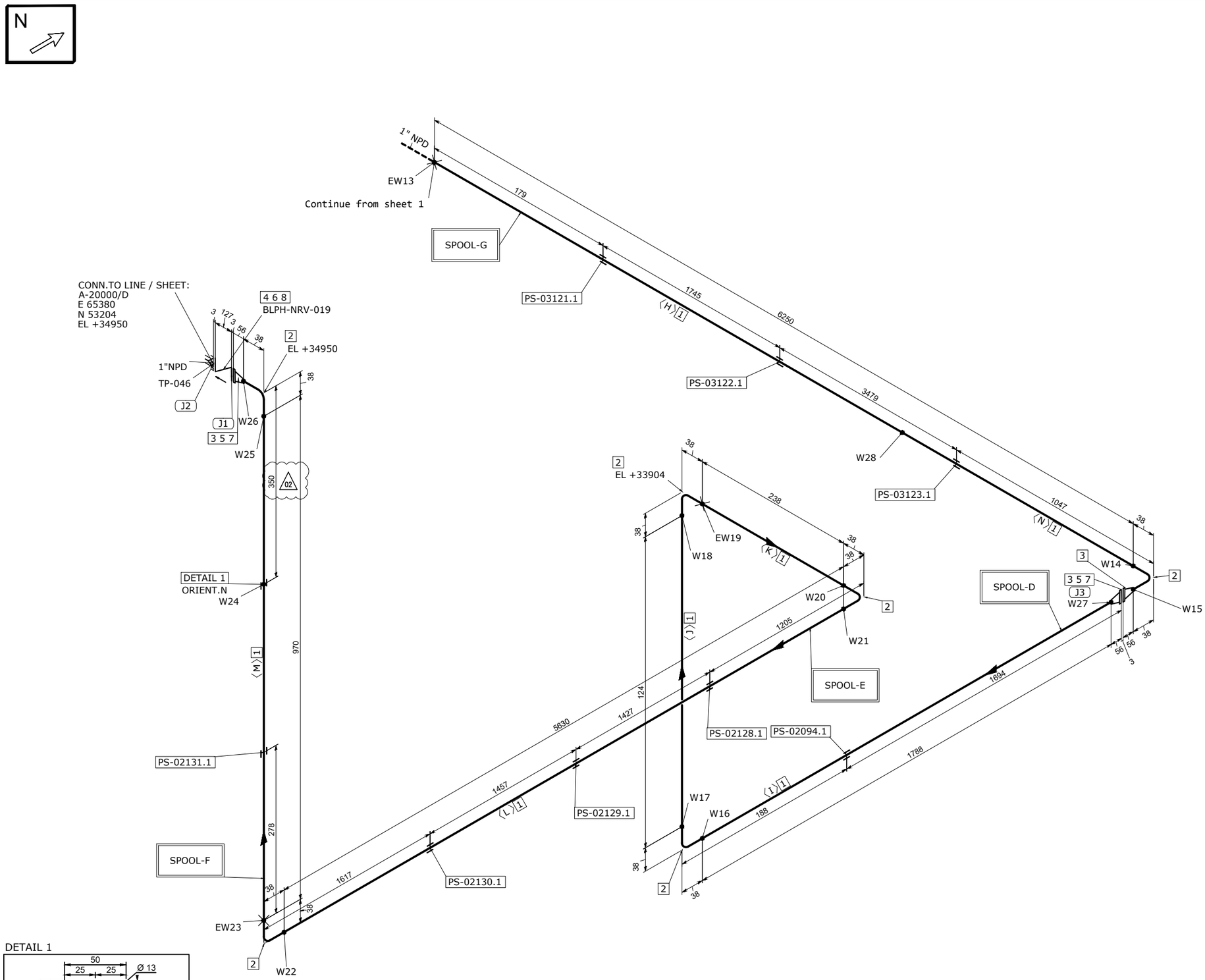
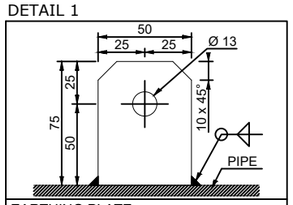



DETAIL 1




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 | 15.0M | 48.6 |
| 2 | 1 | E90RCS01780100 | 90 Deg Elbow Long Radius ASME B16.9 BW 4,55 WRS ASTM/ASME A/SA420 Gr.WPL6 | 6 | 1.1 |
| 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 | VDRNNN02580100 | Check Valve Piston EN ISO 15761 FLG 150LB RF CH01B02RF | 1 | 0.0 |
| 5 | 1 | GSW0GK11100100 | Gasket Spiral Wound Thk. 3.2 mm ASME B16.20 150LB RF GSK AISI 316 + GRAPHITE c/w INNER RING | 2 | 0.2 |
| 6 | 1 | SPIKNN01220100 | Insulation Kit Ends as per ASME B16.5 150LB RF | 1 | 0.1 |
| 7 | 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 |
| 8 | 1/2 | SB20BO00650200 | 85 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized | 4 | 0.6 |

| | |
|---|---|
| FABRICATION WEIGHT [kg] | 53.9 |
| ERECTION WEIGHT [kg] | 1.9 |
| OVERALL WEIGHT [kg] | 55.8 |

### WELD SUMMARY

| WELD No. | SIZE [inches] | TYPE |
|---|---|---|
| EW13 | 1 | BW |
| W14 | 1 | BW |
| W15 | 1 | BW |
| W16 | 1 | BW |
| W17 | 1 | BW |
| W18 | 1 | BW |
| EW19 | 1 | BW |
| W20 | 1 | BW |
| W21 | 1 | BW |
| W22 | 1 | BW |
| EW23 | 1 | BW |
| W24 | | FW |
| W25 | 1 | BW |
| W26 | 1 | BW |
| W27 | 1 | BW |
| W28 | 1 | BW |

### CUTTING LIST

| PIECE No. | SIZE [inches] | LENGTH [mm] | END PREP.1 | END PREP.2 |
|---|---|---|---|---|
| H | 1 | 5000 | BEVEL | BEVEL |
| I | 1 | 1788 | BEVEL | BEVEL |
| J | 1 | 124 | BEVEL | BEVEL |
| K | 1 | 238 | BEVEL | BEVEL |
| L | 1 | 5630 | BEVEL | BEVEL |
| M | 1 | 970 | BEVEL | BEVEL |
| N | 1 | 1250 | BEVEL | BEVEL |

### SUPPORT LIST

PS-03121.1
PS-03122.1
PS-03123.1
PS-02094.1
PS-02128.1
PS-02129.1
PS-02130.1
PS-02131.1

| SPOOL | WELD [inches] | WEIGHT [kg] |
|---|---|---|
| D | 4 | 8.2 |
| E | 3 | 19.1 |
| F | 2 | 4.7 |
| G | 3 | 21.9 |
| | | |
| | | |
| | | |
| MONT | 3 | 1.9 |

| REV. | DATE | DRN | CHKD | APPD | DESCRIPTION |
|---|---|---|---|---|---|
| 02 | 26-03-2025 | STAFF SRL | RT | LM | REVISED WHERE INDICATED |
| 01 | 17-09-2024 | STAFF SRL | RT | LM | REVISED WHERE INDICATED |
| 00 | 20-08-2024 | STAFF SRL | RT | LM | ISSUED FOR CONSTRUCTION |

CROSSWIND

ROSETTI MARINO

TITLE: SHOP DRAWING ISOMETRIC
LINE NR. 1"-N-151-01CS-N
SK.062

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-00062
SHEET / OF: 2/2
REV.: 02

### LINE DATA

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| NDT INSPECTION CATEGORY | 2 | | PED CATEGORY | Art. 4, par. 3 | | | |
| PAINTING | SYSTEM 1 | BASE RAL RAL-9002 | FLUID PHASE | Gas | | | |
| INSULATION | TYPE N | THICKNESS [mm] | DESIGN | PRESS. 12 [barg] | TEMP. -46 / 100 [°C] | | |
| HEAT TRACING | N/A | | TEST | PRESS. 18 [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