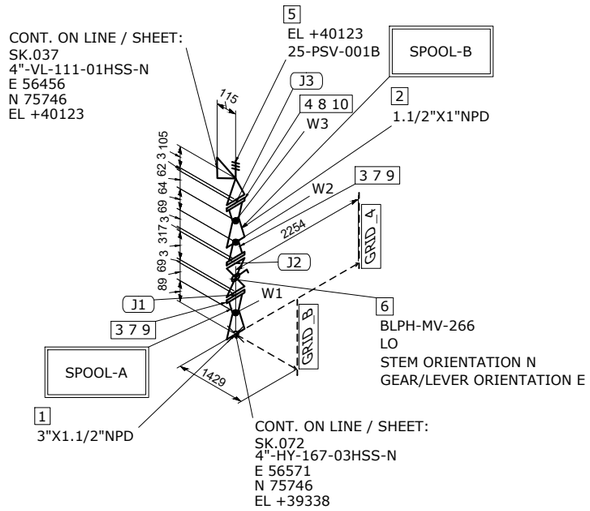
N




## MATERIAL LIST

FABRICATION

| POS. | SIZE | SAP CODE | DESCRIPTION | Q.TY | WEIGHT [kg] |
|---|---|---|---|---|---|
| 1 | 3X1.1/2 | REC0SS0128031H | Reducer Concentric ASME B16.9 BW 3,05x3,68 WRS ASTM A403 Gr.WP316/316L | 1 | 0.5 |
| 2 | 1.1/2X1 | REC0SS03191H01 | Reducer Concentric ASME B16.9 BW 3,68x3,38 WRS ASTM A403 Gr.WP316/316L | 1 | 0.3 |
| 3 | 1.1/2 | FLW0SS03481H00 | Flange WN ASME B16.5 300LB RF 3,68 FRG ASTM A182 Gr.F316/316L | 2 | 6.5 |
| 4 | 1 | FLW0SS03270100 | Flange WN 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] |
|---|---|---|---|---|---|
| 5 | 2X1 | | Pressure Safety Valve FLG.300/150#RF | 1 | 15.0 |
| 6 | 1.1/2 | VLBBNN07201H00 | Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH | 1 | 40.0 |
| 7 | 1.1/2 | GSW0GK11221H00 | Gasket Spiral Wound Thk. 3.2 mm ASME B16.20 300LB RF GSK AISI 316 + GRAPHITE c/w INNER RING | 2 | 0.2 |
| 8 | 1 | GSW0GK11210100 | Gasket Spiral Wound Thk. 3.2 mm ASME B16.20 300LB RF GSK AISI 316 + GRAPHITE c/w INNER RING | 1 | 0.1 |
| 9 | 3/4 | SB20BO23540400 | 95 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized | 8 | 3.1 |
| 10 | 5/8 | SB20BO00680300 | 100 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized | 4 | 1.0 |

| | |
|---|---|
| FABRICATION WEIGHT [kg] | 9.1 |
| ERECTION WEIGHT [kg] | 53.4 |
| OVERALL WEIGHT [kg] | 68.5 |

### WELD SUMMARY

| WELD No. | SIZE [inches] | TYPE |
|---|---|---|
| W1 | 1.1/2 | BW |
| W2 | 1.1/2 | BW |
| W3 | 1 | BW |

### CUTTING LIST

| PIECE No. | SIZE [inches] | LENGTH [mm] | END PREP.1 | END PREP.2 |
|---|---|---|---|---|

### SUPPORT LIST

| SPOOL | WELD [inches] | WEIGHT [kg] |
|---|---|---|
| A | 1.5 | 3.7 |
| B | 2.5 | 5.3 |
| MONT | 0 | 53.4 |

| REV. | DATE | DRN | CHKD | APPD | DESCRIPTION |
|---|---|---|---|---|---|
| 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. 1-1/2"-HY-166-03HSS-N

SK.071

CONTRACT NO./ TITLE: CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE: N/A

DRAWN: STAFF SRL | CHECKED: RT | APPROVED: LM | DATE: 03-09-2024

FORMAT: A3 | DRAWING NO.: 123A90-FDL-PP-DI-00071 | SHEET / OF: 1/1 | REV.: 01

### 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-80016 |
| 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