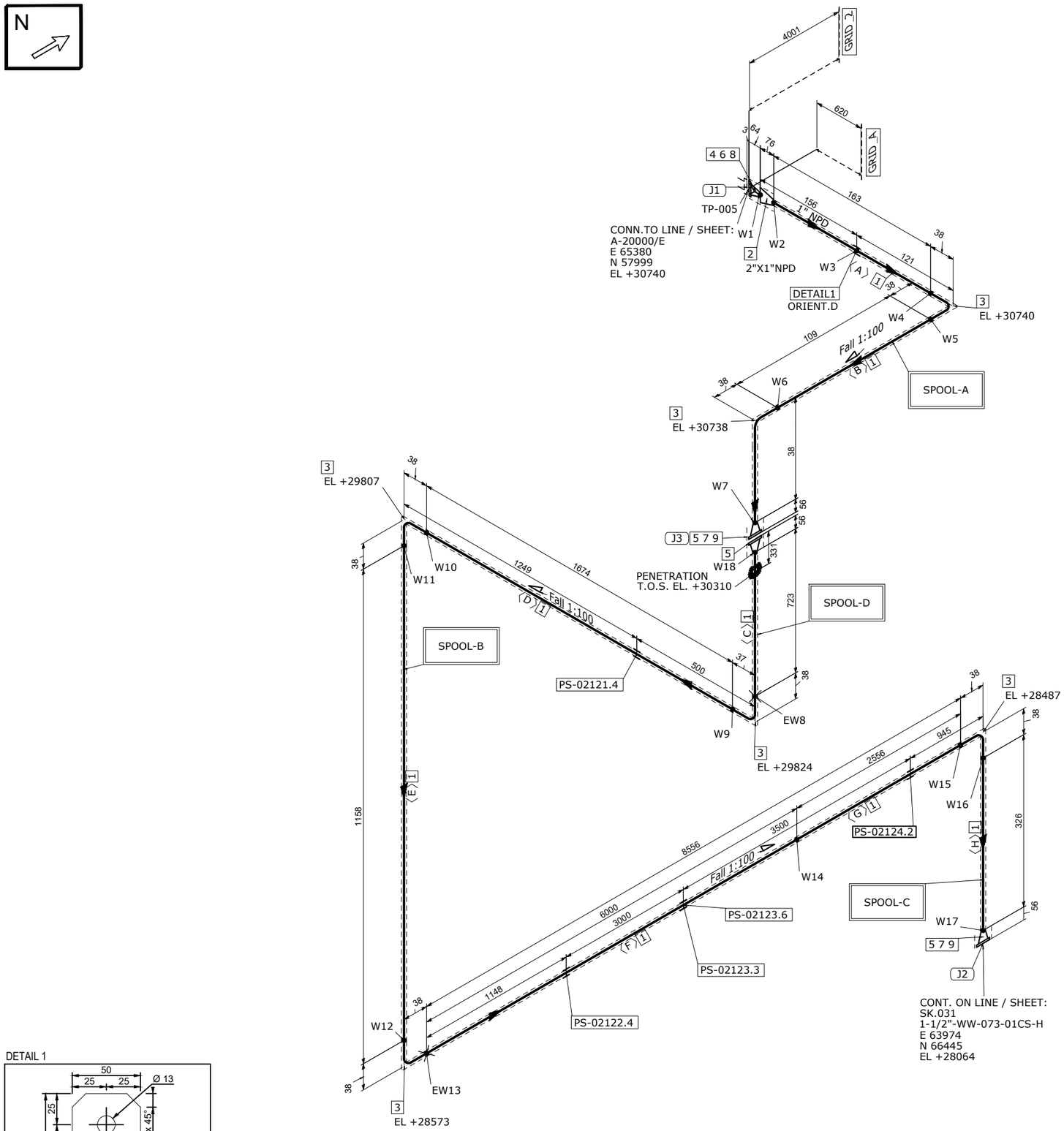


DETAIL 1

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	12.7M	41.2
2	2X1	REC0CS16210201	Reducer Concentric ASME B16.9 BW 5,54x4,55 WRS ASTM/ASME A/SA420 Gr.WPL6	1	0.6
3	1	E90RCS01780100	90 Deg Elbow Long Radius ASME B16.9 BW 4,55 WRS ASTM/ASME A/SA420 Gr.WPL6	6	1.1
4	2	FLW0CS02210200	Flange WN ASME B16.5 150LB RF 5,54 FRG ASTM/ASME A/SA350 Gr.LF2	1	2.7
5	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]
6	2	SPIKNN00560200	Insulation Kit Ends as per ASME B16.5 150LB RF	1	0.1
7	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
8	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
9	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]	49.7
ERECTION WEIGHT [kg]	2.2
OVERALL WEIGHT [kg]	51.9

WELD SUMMARY

WELD No.	SIZE [inches]	TYPE
W1	2	BW
W2	1	BW
W3		FW
W4	1	BW
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
W15	1	BW
W16	1	BW
W17	1	BW
W18	1	BW

CUTTING LIST

PIECE No.	SIZE [inches]	LENGTH [mm]	END PREP.1	END PREP.2
A	1	163	BEVEL	BEVEL
B	1	109	BEVEL	BEVEL
C	1	723	BEVEL	BEVEL
D	1	1674	BEVEL	BEVEL
E	1	1159	BEVEL	BEVEL
F	1	6000	BEVEL	BEVEL
G	1	2556	BEVEL	BEVEL
H	1	326	BEVEL	BEVEL

SUPPORT LIST

PS-02121.4
PS-02122.4
PS-02123.6
PS-02123.3
PS-02124.2

SPOOL	WELD [inches]	WEIGHT [kg]
A	7	5.9
B	4	9.7
C	4	30.4
D	1	3.7
MONT	2	2.2

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"-DM-005-01CS-H

SK.004

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-00004 | 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. 6 [barg]	TEMP. -46 / 100 [°C]		
HEAT TRACING	N/A			TEST	PRESS. 9 [barg]	TEMP. AMB	MEDIUM Water	

REFERENCE DOCUMENTS

P&ID	123A90-DDL-PR-PID-80011
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