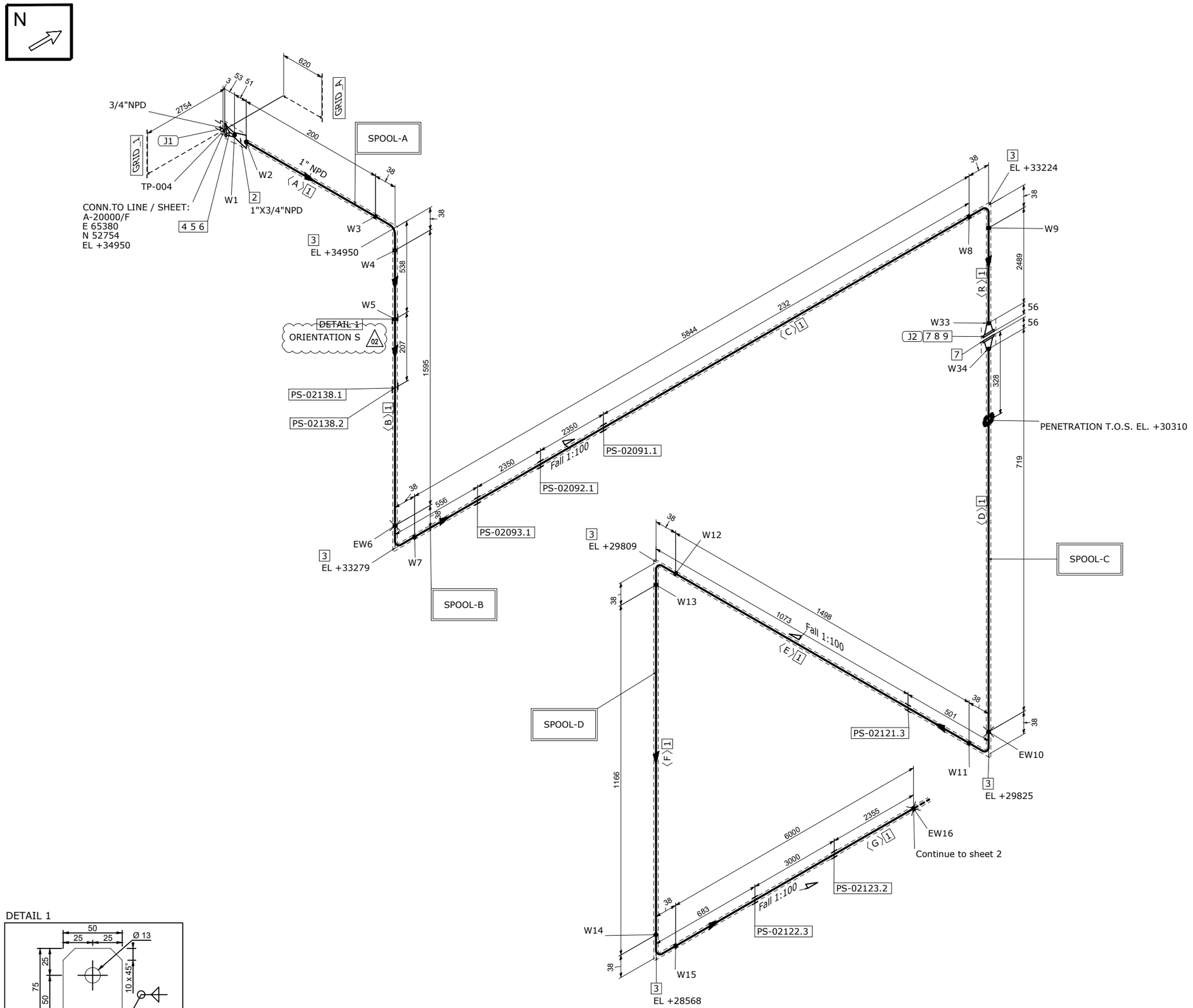


DETAIL 1

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	19.2M	62.2
2	1X3/4	REC0CS2203013Q	Reducer Concentric ASME B16.9 BW 4,55x3,91 WRS ASTM/ASME A/SA420 Gr.WPL6	1	0.2
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	3/4	FLW0CS16523Q00	Flange WN ASME B16.5 150LB RF 3,91 FRG ASTM/ASME A/SA350 Gr.LF2	1	0.9
7	1	FLW0CS16540100	Flange WN ASME B16.5 150LB RF 4,55 FRG ASTM/ASME A/SA350 Gr.LF2	2	2.8

ERECTION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
5	3/4	SPIKNN01213Q00	Insulation Kit Ends as per ASME B16.5 150LB RF	1	0.1
6	1/2	SB20BO00980200	80 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized	4	0.6
8	1	GSW0GK11100100	Gasket Spiral Wound Thk. 3.2 mm ASME B16.20 150LB RF GSK AISI 316 + GRAPHITE c/w INNER RING	1	0.1
9	1/2	SB20BO01080200	65 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized	4	0.5

FABRICATION WEIGHT [kg]	67.2
ERECTION WEIGHT [kg]	1.3
OVERALL WEIGHT [kg]	68.5

WELD SUMMARY

WELD No.	SIZE [inches]	TYPE
W1	3/4	BW
W2	1	BW
W3	1	BW
W4	1	BW
W5		FW
EW6	1	BW
W7	1	BW
W8	1	BW
W9	1	BW
EW10	1	BW
W11	1	BW
W12	1	BW
W13	1	BW
W14	1	BW
W15	1	BW
EW16	1	BW
W33	1	BW
W34	1	BW

CUTTING LIST

PIECE No.	SIZE [inches]	LENGTH [mm]	END PREP.1	END PREP.2
A	1	200	BEVEL	BEVEL
B	1	1595	BEVEL	BEVEL
C	1	5488	BEVEL	BEVEL
D	1	719	BEVEL	BEVEL
E	1	1498	BEVEL	BEVEL
F	1	1166	BEVEL	BEVEL
G	1	6000	BEVEL	BEVEL
R	1	2489	BEVEL	BEVEL

SUPPORT LIST

PS-02138.1
PS-02138.2
PS-02093.1
PS-02092.1
PS-02091.1
PS-02121.3
PS-02122.3
PS-02123.2

SPOOL	WELD [inches]	WEIGHT [kg]
A	3.75	7.1
B	4	27.8
C	1	3.7
D	5	28.6
MONT	3	1.3

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
02	26-03-2025	STAFF SRL	RT	LM	REVISED WHERE INDICATED
01	03-10-2024	STAFF SRL	RT	LM	REVISED WHERE INDICATED
00	27-08-2024	STAFF SRL	RT	LM	ISSUED FOR CONSTRUCTION

CROSSWIND

ROSETTI MARINO

TITLE
SHOP DRAWING ISOMETRIC
LINE NR. 1"-WW-004-01CS-H

SK.003

CONTRACT NO./ TITLE: CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK
SCALE: N/A
DRAWN: STAFF SRL | CHECKED: RT | APPROVED: LM | DATE: 03-10-2024
FORMAT: A3
DRAWING NO.: 123A90-FDL-PP-DI-00003
SHEET / OF: 1/2
REV.: 02

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. 5,25 [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