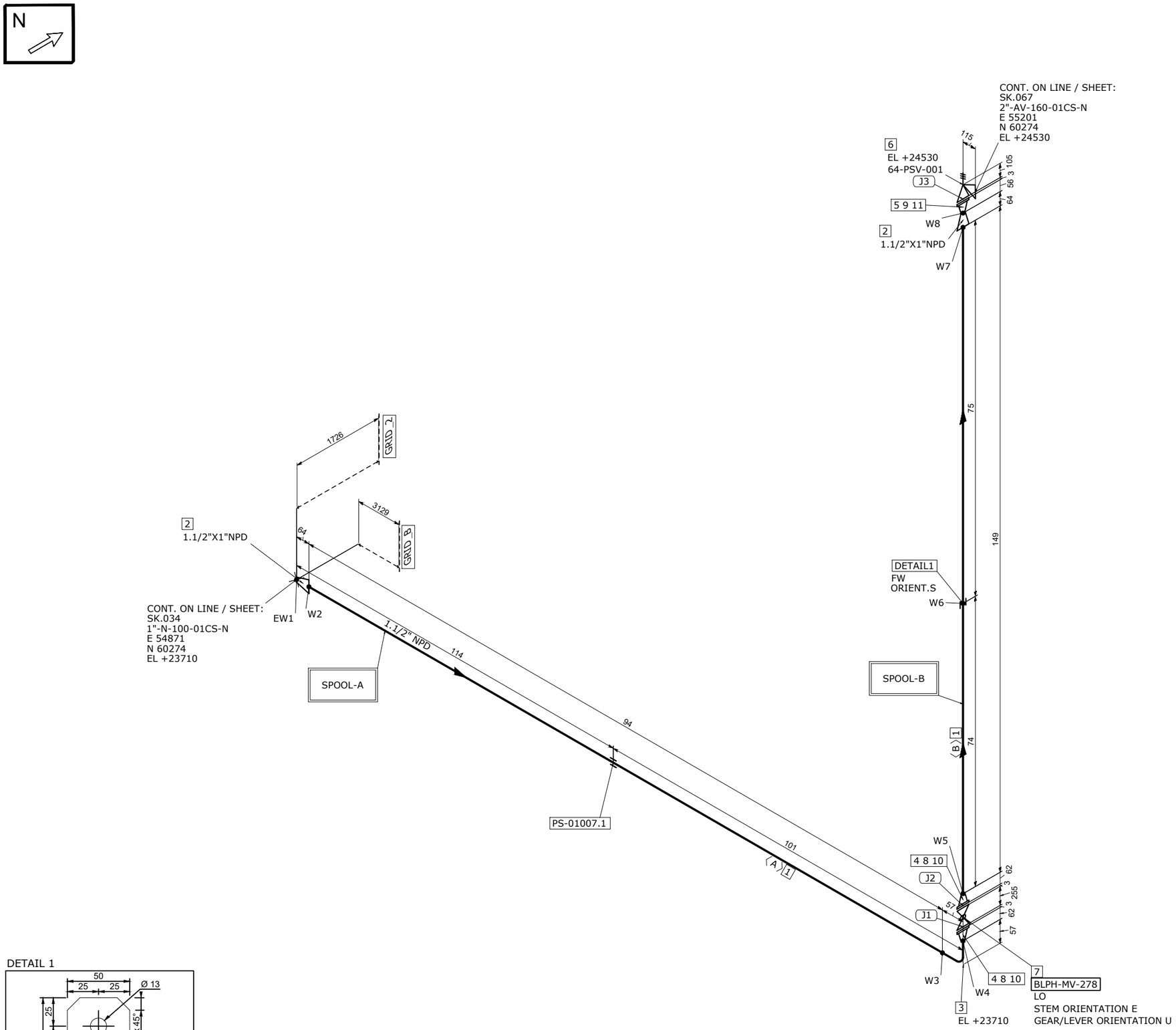
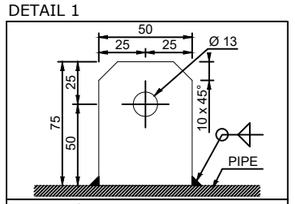


DETAIL 1



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	1.1/2	PIPECS02951H00	Pipe ASME B36.10M PE 5,08 SML ASTM/ASME A/SA333 Gr.6	0.2M	1.3
2	1.1/2X1	REC0CS22091H01	Reducer Concentric ASME B16.9 BW 5,08x4,55 WRS ASTM/ASME A/SA420 Gr.WPL6	2	0.7
3	1.1/2	E90RCS04991H00	90 Deg Elbow Long Radius ASME B16.9 BW 5,08 WRS ASTM/ASME A/SA420 Gr.WPL6	1	0.5
4	1.1/2	FLW0CS16561H00	Flange WN ASME B16.5 150LB RF 5,08 FRG ASTM/ASME A/SA350 Gr.LF2	2	3.6
5	1	FLW0CS16540100	Flange WN ASME B16.5 150LB RF 4,55 FRG ASTM/ASME A/SA350 Gr.LF2	1	1.4

ERECTION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
6	2X1		SAFETY VALVE FLG.150/150#	1	15.0
7	1.1/2	VLBLNN01291H00	Block & Bleed Valve API 6D FLG 150LB RF BS01B01RFS	1	26.4
8	1.1/2	GSW0GK11121H00	Gasket Spiral Wound Thk. 3.2 mm ASME B16.20 150LB RF GSK AISI 316 + GRAPHITE c/w INNER RING	2	0.1
9	1	SPIKNN01220100	Insulation Kit Ends as per ASME B16.5 150LB RF	1	0.1
10	1/2	SB20BO00930200	70 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized	8	1.0
11	1/2	SB20BO34450200	105 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized	4	0.7

FABRICATION WEIGHT [kg]	7.5
ERECTION WEIGHT [kg]	43.3
OVERALL WEIGHT [kg]	50.8

WELD SUMMARY

WELD No.	SIZE [inches]	TYPE
EW1	1	BW
W2	1.1/2	BW
W3	1.1/2	BW
W4	1.1/2	BW
W5	1.1/2	BW
W6		FW
W7	1.1/2	BW
W8	1	BW

CUTTING LIST

PIECE No.	SIZE [inches]	LENGTH [mm]	END PREP.1	END PREP.2
A	1.1/2	94	BEVEL	BEVEL
B	1.1/2	149	BEVEL	BEVEL

SUPPORT LIST

PS-01007.1

SPOOL	WELD [inches]	WEIGHT [kg]
A	4.5	3.2
B	4	4.4
MONT	1	43.3

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
00	20-08-2024	STAFF SRL	RT	LM	ISSUED FOR CONSTRUCTION

CROSSWIND

ROSETTI MARINO

TITLE
SHOP DRAWING ISOMETRIC
LINE NR. 1-1/2"-N-197-01CS-N

SK.097

CONTRACT NO./ TITLE	CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK			SCALE	N/A
DRAWN	STAFF SRL	CHECKED	RT	APPROVED	LM
FORMAT	A3	DRAWING NO.	123A90-FDL-PP-DI-00097	SHEET / OF	1/1
				DATE	20-08-2024
				REV.	00

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