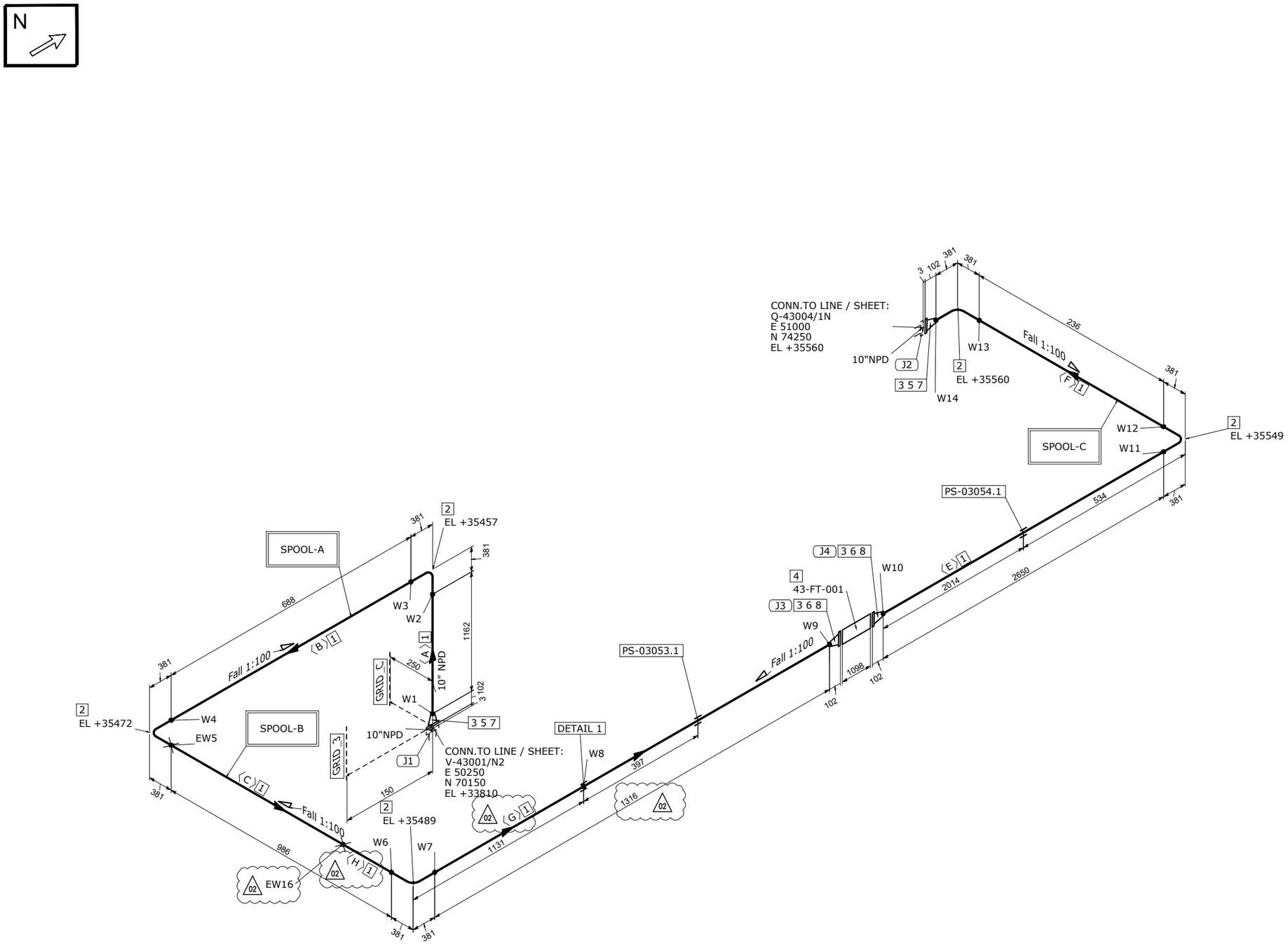
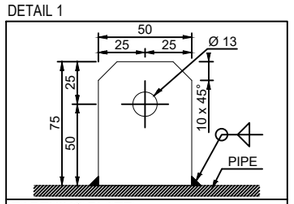


DETAIL 1



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	10	PIPESS01701000	Pipe ASME B36.19M PE 4,19 SML ASTM A312 Gr.TP316/316L	7.1M (02)	198.5
2	10	E90RSS01151000	90 Deg Elbow Long Radius ASME B16.9 BW 4,19 WRS ASTM A403 Gr.WP316/316L	5	84.9
3	10	FLW0SS03491000	Flange WN ASME B16.5 150LB RF 4,19 FRG ASTM A182 Gr.F316/316L	4	97.5

ERECTION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
4	10		Flow Meter 150#RF	1	98.0
5	10	SPIKNN00611000	Insulation Kit Ends as per ASME B16.5 150LB RF	2	1.1
6	10	GSW0GK11181000	Gasket Spiral Wound Thk. 3.2 mm ASME B16.20 150LB RF GSK AISI 316 + GRAPHITE c/w INNER RING	2	1.1
7	7/8	SB20BO19840500	135 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized	24	16.8
8	7/8	SB20BO22250500	120 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized	24	15.6

FABRICATION WEIGHT [kg]	(02) 380.9
ERECTION WEIGHT [kg]	132.6
OVERALL WEIGHT [kg]	(02) 513.5

WELD SUMMARY

WELD No.	SIZE [inches]	TYPE
W1	10	BW
W2	10	BW
W3	10	BW
W4	10	BW
EW5	10	BW
W6	10	BW
W7	10	BW
W8		FW
W9	10	BW
W10	10	BW
W11	10	BW
W12	10	BW
W13	10	BW
W14	10	BW
EW16	10	BW
	(02)	

CUTTING LIST

PIECE No.	SIZE [inches]	LENGTH [mm]	END PREP.1	END PREP.2
A	10	1162	BEVEL	BEVEL
B	10	688	BEVEL	BEVEL
C	10	(02) 431	BEVEL	BEVEL
E	10	2650	BEVEL	BEVEL
F	10	236	BEVEL	BEVEL
G	10	1316	BEVEL	BEVEL
H	10	555	BEVEL	BEVEL
		(02)		

SUPPORT LIST

PS-03053.1
PS-03054.1

SPOOL	WELD [inches]	WEIGHT [kg]
A	40	110.7
B	30	(02) 106.4
C	50	163.8
	(02)	
MONT	20	132.6

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
02	12-02-2025	STAFF SRL	RT	LM	REVISED WHERE INDICATED
01	03-10-2024	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. 10"-VL-117-01HSS-N

SK.043

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. 3.5 [barg]	TEMP. -29 / 100 [°C]			
HEAT TRACING	N/A		TEST	PRESS. 5.25 [barg]	TEMP. AMB	MEDIUM Water		

REFERENCE DOCUMENTS	
P&ID	123A90-DDL-PR-PID-80029
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

CONTRACT NO./ TITLE	CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK		SCALE	N/A
DRAWN STAFF SRL	CHECKED RT	APPROVED LM	DATE	12-02-2025
FORMAT A3	DRAWING NO. 123A90-FDL-PP-DI-00043		SHEET / OF	1/1
			REV.	02