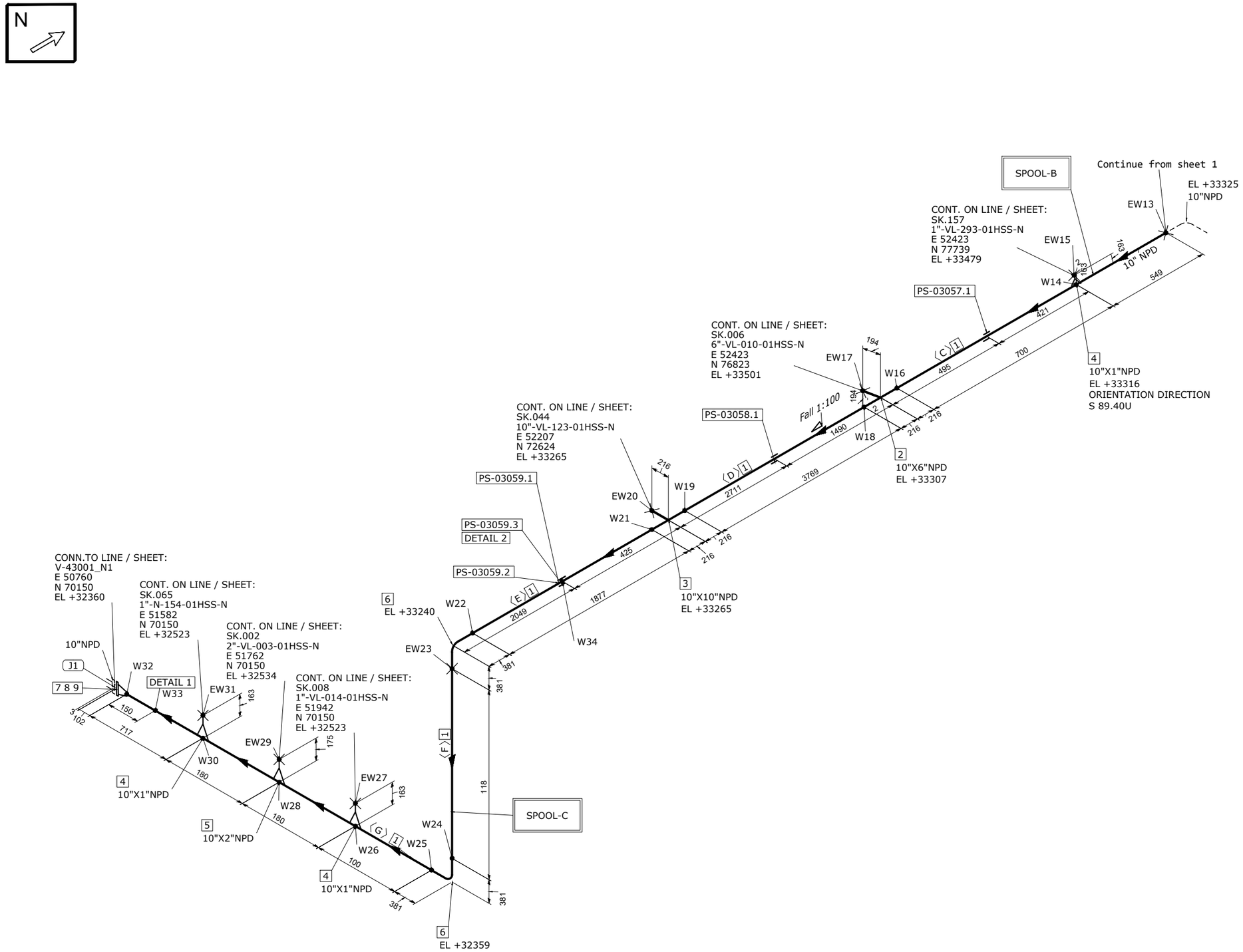
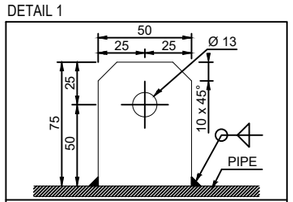
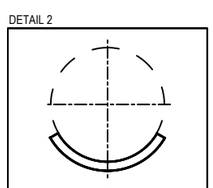


DETAIL 1



EARTHING PLATE
DIMENSIONS: 75 x 50 x 5 thk. HOLE Ø13
MATERIAL: 316L STAINLESS STEEL
ORIENTATION: UP UNLESS OTHERWISE NOTED

DETAIL 2



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	8.2M	231.2
2	10X6	TER0SS03441006	Tee Reducing ASME B16.9 BW 4,19x3,4 WRS ASTM A403 Gr.WP316/316L	1	18.8
3	10X10	TEE0SS00941000	Tee ASME B16.9 BW 4,19 WRS ASTM A403 Gr.WP316/316L	1	18.8
4	10X1	OWELSS02441001	Weldolet MSS SP-97 BW 4,19x3,38 FRG ASTM A182 Gr.F316/316L	3	0.9
5	10X2	OWELSS01971002	Weldolet MSS SP-97 BW 4,19x2,77 FRG ASTM A182 Gr.F316/316L	1	0.8
6	10	E90RSS01151000	90 Deg Elbow Long Radius ASME B16.9 BW 4,19 WRS ASTM A403 Gr.WP316/316L	2	33.9
7	10	FLW0SS03491000	Flange WN ASME B16.5 150LB RF 4,19 FRG ASTM A182 Gr.F316/316L	1	24.4

ERECTION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
8	10	SPIKNN00611000	Insulation Kit Ends as per ASME B16.5 150LB RF	1	0.6
9	7/8	SB20BO19840500	135 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized	12	8.4

FABRICATION WEIGHT [kg]	328.8
ERECTION WEIGHT [kg]	9.0
OVERALL WEIGHT [kg]	337.8

WELD SUMMARY

WELD No.	SIZE [inches]	TYPE
EW13	10	BW
W14	1	LET
EW15	1	BW
W16	10	BW
EW17	6	BW
W18	10	BW
W19	10	BW
EW20	10	BW
W21	10	BW
W22	10	BW
EW23	10	BW
W24	10	BW
W25	10	BW
W26	1	LET
EW27	1	BW
W28	2	LET
EW29	2	BW
W30	1	LET
EW31	1	BW
W32	10	BW
W33		FW
W34		FW

CUTTING LIST

PIECE No.	SIZE [inches]	LENGTH [mm]	END PREP.1	END PREP.2
C	10	1249	BEVEL	BEVEL
D	10	3769	BEVEL	BEVEL
E	10	1877	BEVEL	BEVEL
F	10	118	BEVEL	BEVEL
G	10	1177	BEVEL	BEVEL

SUPPORT LIST

PS-03057.1
PS-03058.1
PS-03059.1
PS-03059.2
PS-03059.3

SPOOL	WELD [inches]	WEIGHT [kg]
B	51	249.4
C	34	79.4
MONT	41	9.0

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
02	14-10-2024	STAFF SRL	RT	LM	REVISED WHERE INDICATED
01	03-09-2024	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-116-01HSS-N

SK.042

CONTRACT NO./ TITLE	CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK	SCALE	N/A
DRAWN	STAFF SRL	CHECKED	RT
APPROVED	LM	DATE	14-10-2024
FORMAT	A3	DRAWING NO.	123A90-FDL-PP-DI-00042
SHEET / OF	2/2	REV.	02

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-80028
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