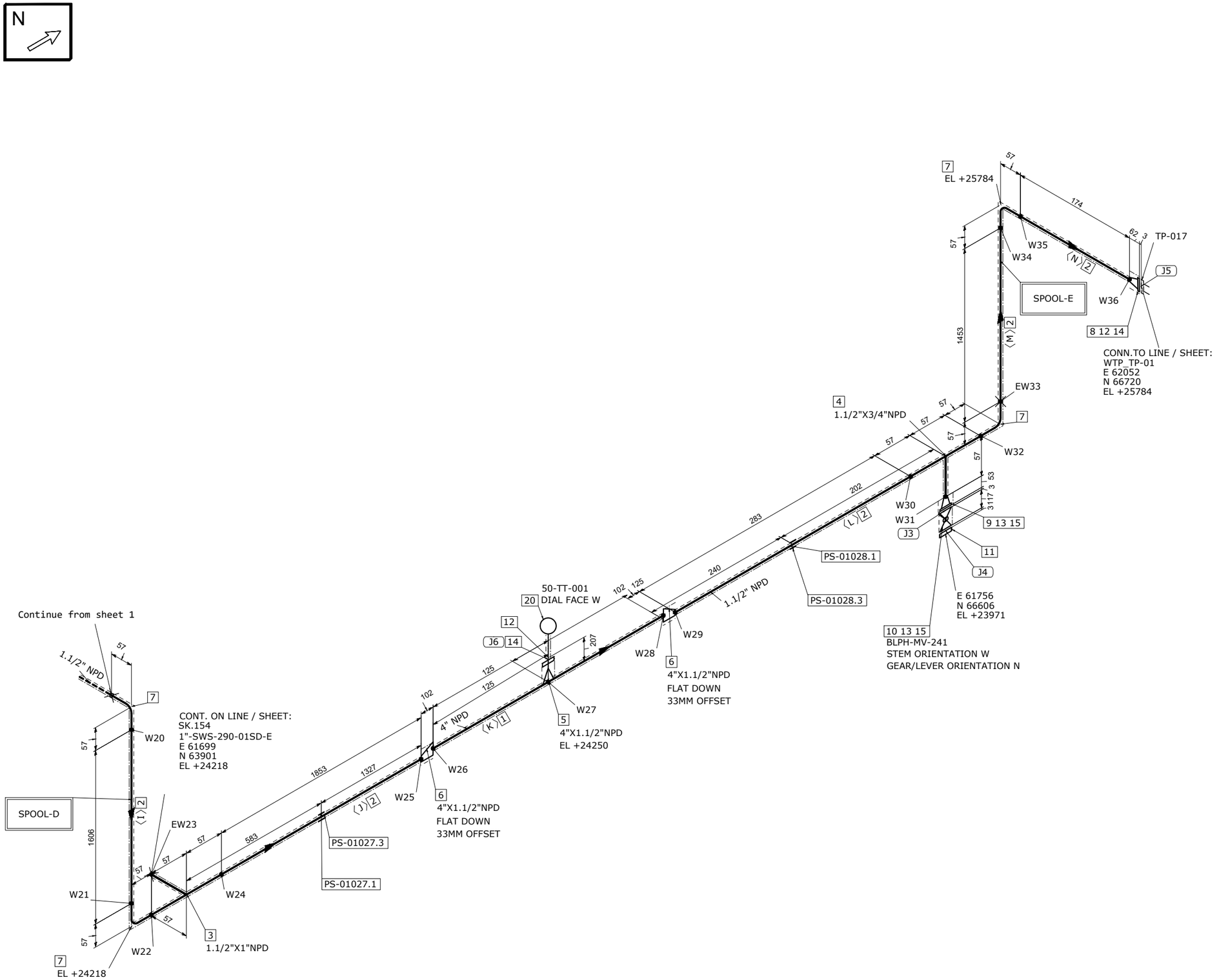


MATERIAL LIST

FABRICATION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
1	4	PIPESD02880400	Pipe ASME B36.19M PE 3,05 SML ASTM A790 UNS S32760	0.3M	2.1
2	1.1/2	PIPESD04761H00	Pipe ASME B36.19M PE 3,68 SML ASTM A790 UNS S32760	5.4M	22.2
3	1.1/2X1	TER0SD09381H01	Tee Reducing ASME B16.9 BW 3,68x3,38 WRS ASTM A815 UNS S32760	1	0.8
4	1.1/2X3/4	TER0SD09371H3Q	Tee Reducing ASME B16.9 BW 3,68x2,87 WRS ASTM A815 UNS S32760	1	0.8
5	4X1.1/2	ONFRSD02000041H	NipoFlange Reinforced Manuf.s STD 150LB RF 3,05x3,68 FRG ASTM A182 Gr.F55	1	3.3
6	4X1.1/2	REE0SD0809041H	Reducer Eccentric ASME B16.9 BW 3,05x3,68 WRS ASTM A815 UNS S32760	2	1.7
7	1.1/2	E90RSD03031H00	90 Deg Elbow Long Radius ASME B16.9 BW 3,68 WRS ASTM A815 UNS S32760	4	1.5
8	1.1/2	FLW0SD02861H00	Flange WN ASME B16.5 150LB RF 3,68 FRG ASTM A182 Gr.F55	1	1.8
9	3/4	FLW0SD02853Q00	Flange WN ASME B16.5 150LB RF 2,87 FRG ASTM A182 Gr.F55	1	0.9

ERECTION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
10	3/4	VBC0NN24433Q00	Ball Valve Split Body FB API 6D FLG 150LB RF BS01F01RF	1	7.0
11	3/4	FLB0SD01843Q00	Flange Blind ASME B16.5 150LB RF FRG ASTM A182 Gr.F55	1	0.9
12	1.1/2	GFL3GK15981H00	Gasket Flat Thk. 3 mm ASME B16.21 150LB RF GSK NEOPRENE	2	0.1
13	3/4	GFL3GK15963Q00	Gasket Flat Thk. 3 mm ASME B16.21 150LB RF GSK NEOPRENE	2	0.1
14	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
15	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
20	1.1/2		Temperature Trasmitter 150#	1	2.0

FABRICATION WEIGHT [kg]	35.1
ERECTION WEIGHT [kg]	12.1
OVERALL WEIGHT [kg]	47.2

WELD SUMMARY

WELD No.	SIZE [inches]	TYPE
W20	1.1/2	BW
W21	1.1/2	BW
W22	1.1/2	BW
EW23	1	BW
W24	1.1/2	BW
W25	1.1/2	BW
W26	4	BW
W27	1.1/2	LET
W28	4	BW
W29	1.1/2	BW
W30	1.1/2	BW
W31	3/4	BW
W32	1.1/2	BW
EW33	1.1/2	BW
W34	1.1/2	BW
W35	1.1/2	BW
W36	1.1/2	BW

CUTTING LIST

PIECE No.	SIZE [inches]	LENGTH [mm]	END PREP.1	END PREP.2
I	1.1/2	1606	BEVEL	BEVEL
J	1.1/2	1854	BEVEL	BEVEL
K	4	250	BEVEL	BEVEL
L	1.1/2	283	BEVEL	BEVEL
M	1.1/2	1453	BEVEL	BEVEL
N	1.1/2	174	BEVEL	BEVEL

SUPPORT LIST

PS-01027.1
PS-01027.3
PS-01028.1
PS-01028.3

SPOOL	WELD [inches]	WEIGHT [kg]
D	22.25	26.1
E	4.5	8.9
MONT	2.5	12.1

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. 1-1/2"-SWS-035-01SD-E

SK.026

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-00026
SHEET / OF: 2/2
REV.: 00

LINE DATA

NDT INSPECTION CATEGORY	2		PED CATEGORY	Art. 4, par. 3			
PAINTING	SYSTEM N/A	BASE RAL N/A	FLUID PHASE	Liquid			
INSULATION	TYPE H	THICKNESS 20 [mm]	DESIGN	PRESS. 7.6 [barg]	TEMP. -29 / 100 [°C]		
HEAT TRACING	Yes		TEST	PRESS. 9 [barg]	TEMP. AMB	MEDIUM Water	

REFERENCE DOCUMENTS

P&ID	123A90-DDL-PR-PID-80021
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