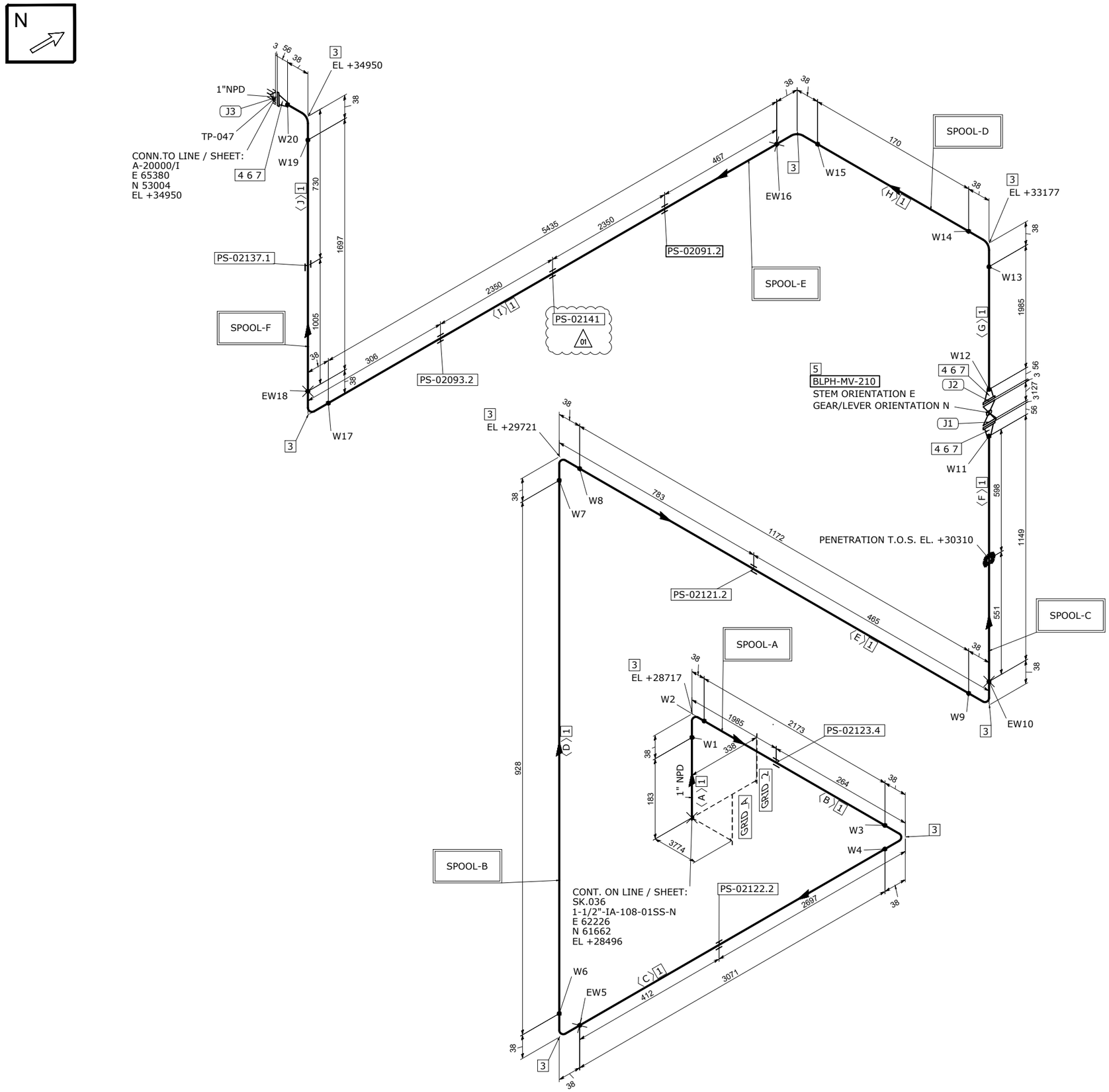


MATERIAL LIST

FABRICATION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
1	1	PIPESS00480100	Pipe ASME B36.19M PE 3,38 SML ASTM A312 Gr.TP316/316L	17.9M	45.6
3	1	E90RSS00670100	90 Deg Elbow Long Radius ASME B16.9 BW 3,38 WRS ASTM A403 Gr.WP316/316L	9	1.3
4	1	FLW0SS00930100	Flange WN ASME B16.5 150LB RF 3,38 FRG	3	4.3

ERECTION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
5	1	VBC0NN06950100	Ball Valve Split Body FB API 6D FLG 150LB RF BS01C01RF	1	6.0
6	1	GSW0GK11100100	Gasket Spiral Wound Thk. 3.2 mm ASME B16.20 150LB RF GSK AISI 316 + GRAPHITE c/w INNER RING	3	0.2
7	1/2	SB20BO01080200	65 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized	12	1.4

FABRICATION WEIGHT [kg]	51.2
ERECTION WEIGHT [kg]	7.6
OVERALL WEIGHT [kg]	58.8

WELD SUMMARY

WELD No.	SIZE [inches]	TYPE
W1	1	BW
W2	1	BW
W3	1	BW
W4	1	BW
EW5	1	BW
W6	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
W17	1	BW
EW18	1	BW
W19	1	BW
W20	1	BW

CUTTING LIST

PIECE No.	SIZE [inches]	LENGTH [mm]	END PREP.1	END PREP.2
A	1	183	BEVEL	BEVEL
B	1	2173	BEVEL	BEVEL
C	1	3071	BEVEL	BEVEL
D	1	928	BEVEL	BEVEL
E	1	1172	BEVEL	BEVEL
F	1	1149	BEVEL	BEVEL
G	1	1985	BEVEL	BEVEL
H	1	170	BEVEL	BEVEL
I	1	5435	BEVEL	BEVEL
J	1	1697	BEVEL	BEVEL

SUPPORT LIST

PS-02123.4
PS-02122.2
PS-02121.2
PS-02091.2
PS-02141 (01)
PS-02093.2
PS-02137.1

SPOOL	WELD [inches]	WEIGHT [kg]
A	4	14.1
B	4	5.8
C	1	4.3
D	4	7.3
E	1	13.7
F	2	5.9
MONT	4	7.6

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
01	26-03-2025	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. 1"-IA-191-01SS-N
SK.095

CONTRACT NO./ TITLE: CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK
SCALE: N/A
DRAWN: STAFF SRL | CHECKED: RT | APPROVED: LM
DATE: 20-08-2024
FORMAT: A3
DRAWING NO.: 123A90-FDL-PP-DI-00095
SHEET / OF: 1/1
REV.: 01

LINE DATA

NDT INSPECTION CATEGORY	2		PED CATEGORY	Art. 4, par.3			
PAINTING	SYSTEM 6A	BASE RAL RAL-9002	FLUID PHASE	GAS			
INSULATION	TYPE N	THICKNESS [mm]	DESIGN	PRESS. 12 [barg]	TEMP. -29 / 100 [°C]		
HEAT TRACING	N/A		TEST	PRESS. 18 [barg]	TEMP. AMB	MEDIUM Water	

REFERENCE DOCUMENTS

P&ID	123A90-DDL-PR-PID-80041
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