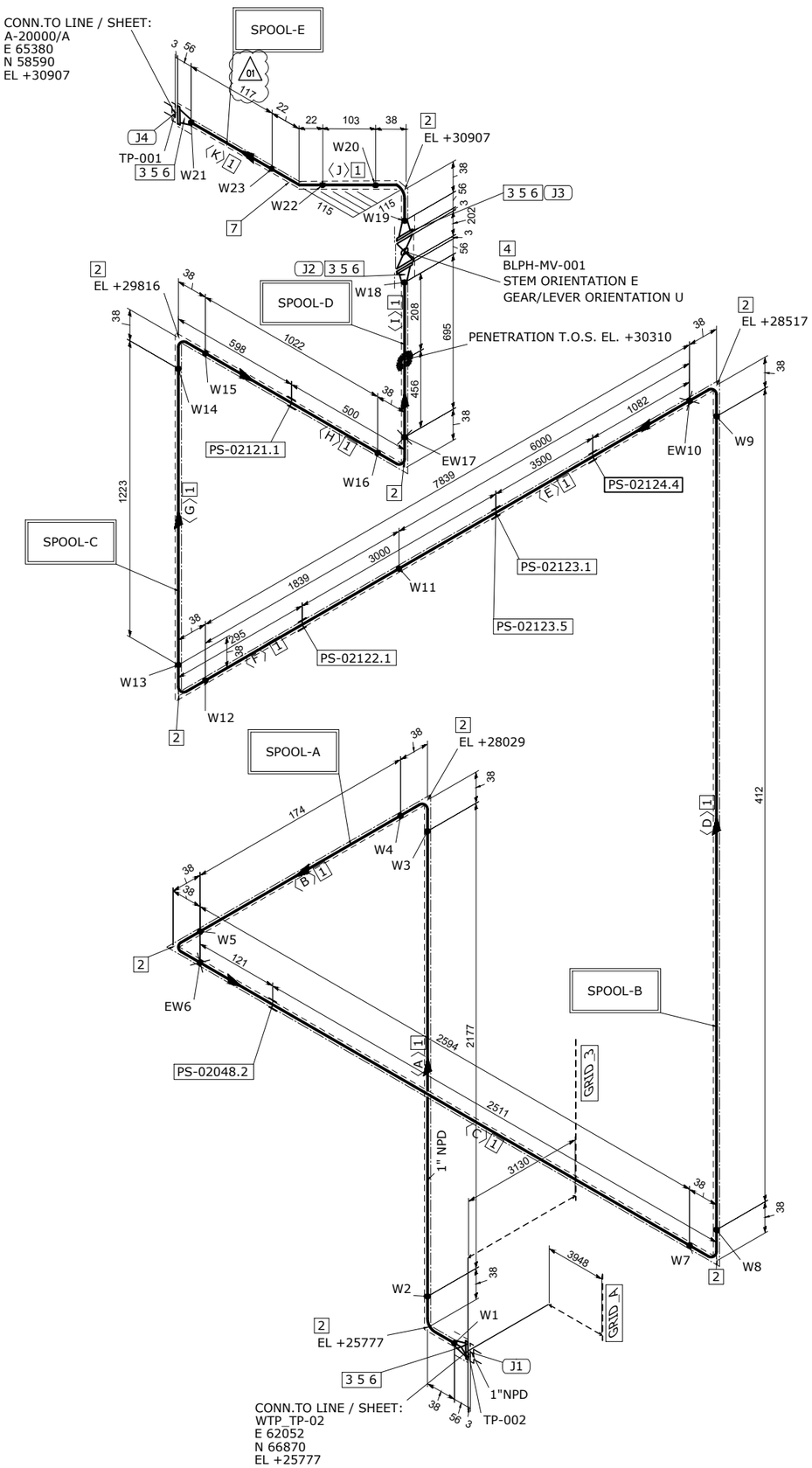


MATERIAL LIST

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	16.4M	41.5
2	1	E90RSS00670100	90 Deg Elbow Long Radius ASME B16.9 BW 3,38 WRS ASTM A403 Gr.WP316/316L	9	1.3
3	1	FLW0SS00930100	Flange WN ASME B16.5 150LB RF 3,38 FRG ASTM A182 Gr.F316/316L	4	5.7
7	1	E45RSS00860100	45 Deg Elbow Long Radius ASME B16.9 BW 3,38 WRS ASTM A403 Gr.WP316/316L	1	0.1

ERECTION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
4	1	VLBLNN01410100	Block & Bleed Valve API 6D FLG 150LB RF BS01C01RFS	1	12.5
5	1	GSW0GK11100100	Gasket Spiral Wound Thk. 3.2 mm ASME B16.20 150LB RF GSK AISI 316 + GRAPHITE c/w INNER RING	4	0.2
6	1/2	SB20BO01080200	65 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized	16	1.9

FABRICATION WEIGHT [kg]	48.6
ERECTION WEIGHT [kg]	14.6
OVERALL WEIGHT [kg]	63.2

WELD SUMMARY

WELD No.	SIZE [inches]	TYPE
W1	1	BW
W2	1	BW
W3	1	BW
W4	1	BW
W5	1	BW
EW6	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
W16	1	BW
EW17	1	BW
W18	1	BW
W19	1	BW
W20	1	BW
W21	1	BW
W22	1	BW
W23	1	BW

CUTTING LIST

PIECE No.	SIZE [inches]	LENGTH [mm]	END PREP.1	END PREP.2
A	1	2177	BEVEL	BEVEL
B	1	174	BEVEL	BEVEL
C	1	2594	BEVEL	BEVEL
D	1	412	BEVEL	BEVEL
E	1	6000	BEVEL	BEVEL
F	1	1839	BEVEL	BEVEL
G	1	1223	BEVEL	BEVEL
H	1	1022	BEVEL	BEVEL
I	1	695	BEVEL	BEVEL
J	1	103	BEVEL	BEVEL
K	1	117 (01)	BEVEL	BEVEL

SUPPORT LIST

PS-02048.2
PS-02124.4
PS-02123.5
PS-02123.1
PS-02122.1
PS-02121.1

SPOOL	WELD [inches]	WEIGHT [kg]
A	5	7.8
B	3	7.9
C	5	26.0
D	1	3.1
E	5	3.7
MONT	3	14.6

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
01	26-03-2025	STAFF SRL	RT	LM	REVISED WHERE INDICATED
00	27-08-2024	STAFF SRL	RT	LM	ISSUED FOR CONSTRUCTION

CROSSWIND

ROSETTI MARINO

TITLE
SHOP DRAWING ISOMETRIC
LINE NR. 1"-DM-001-01SS-E

SK.001

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-00001 | SHEET / OF: 1/1 | REV.: 01

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. 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-80011
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