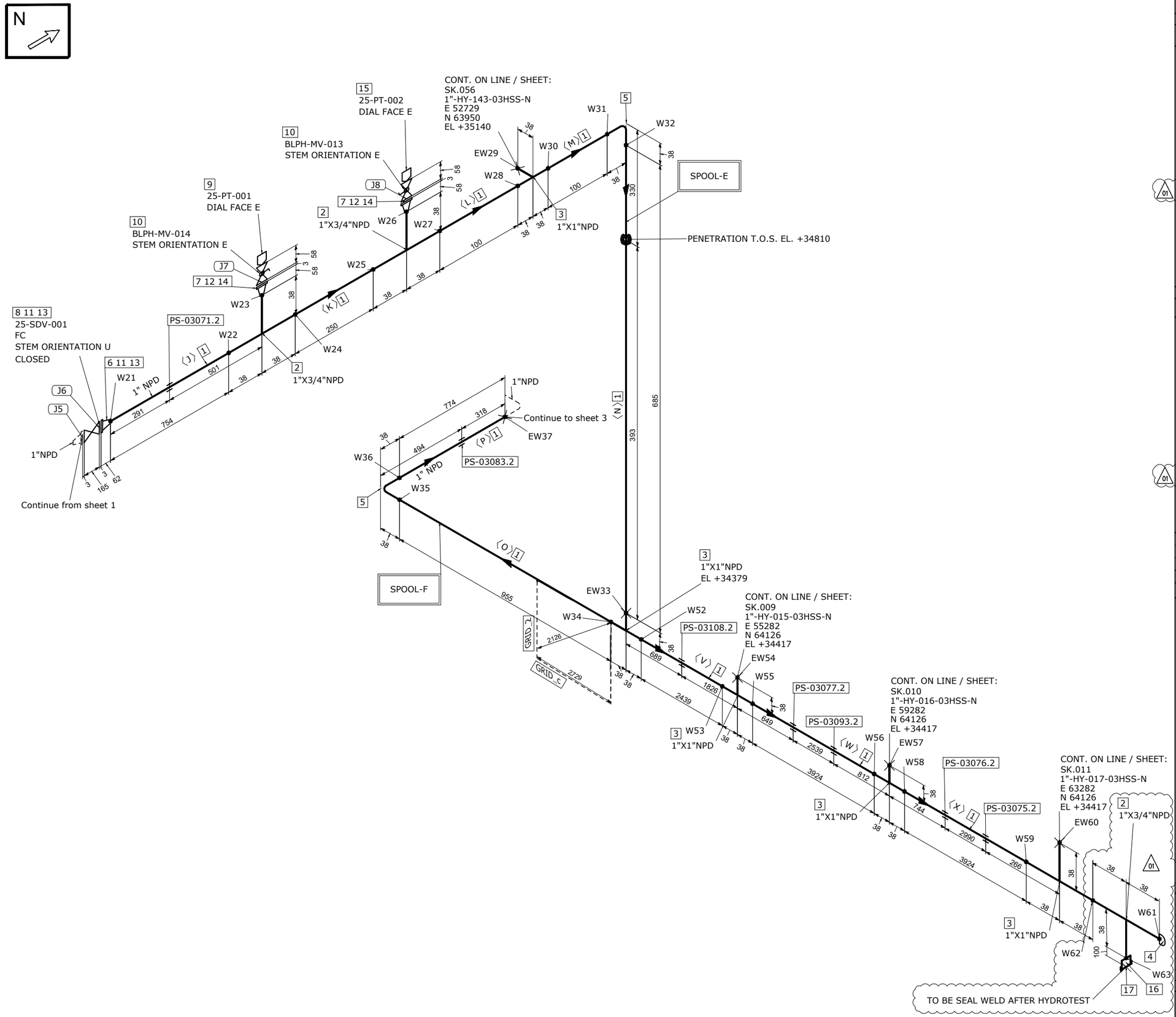


MATERIAL LIST

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	13.9M	35.3
2	1X3/4	TER0SS0171013Q	Tee Reducing ASME B16.9 BW 3,38x2,87 WRS ASTM A403 Gr.WP316/316L	3 (01)	1.0
3	1X1	TEE0SS00550100	Tee ASME B16.9 BW 3,38 WRS ASTM A403 Gr.WP316/316L	5	1.7
4	1	CAP0SS01030100	Cap ASME B16.9 BW 3,38 WRS ASTM A403 Gr.WP316/316L	1	0.1
5	1	E90RSS00670100	90 Deg Elbow Long Radius ASME B16.9 BW 3,38 WRS ASTM A403 Gr.WP316/316L	2	0.3
6	1	FLW0SS03270100	Flange WN ASME B16.5 300LB RF 3,38 FRG ASTM A182 Gr.F316/316L	1	1.8
7	3/4	FLW0SS01033Q00	Flange WN ASME B16.5 300LB RF 2,87 FRG ASTM A182 Gr.F316/316L	2	2.8
(01) 16	3/4	N100SS02653Q00	Nipple L=100mm ASME B36.19M THRD-M NPT x PE 2,87 SML ASTM A312 Gr.TP316/316L	1	0.2

ERECTION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
8	1		ON/OFF Ball Actuator Valve - 300#RF Flanged	1	41.0
9	1/2		Pressure Transmitter - Online	1	0.0
10	3/4X1/2	VLBMNN00013Q0H	Monoflange Double Block & Bleed Valve API 6D FLG x THRD-F NPT 300LB RF MD03C02YH	2	11.6
11	1	GSW0GK11210100	Gasket Spiral Wound Thk. 3.2 mm ASME B16.20 300LB RF GSK AISI 316 + GRAPHITE c/w INNER RING	2	0.1
12	3/4	GSW0GK11203Q00	Gasket Spiral Wound Thk. 3.2 mm ASME B16.20 300LB RF GSK AISI 316 + GRAPHITE c/w INNER RING	2	0.1
13	5/8	SB20BO01870300	80 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized	8	1.8
14	5/8	SB20BO07540300	75 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized	8	1.8
15	1/2		Pressure Transmitter - Online	1	0.0
(01) 17	3/4	CAPFSS00023Q00	Cap Forged ASME B16.11 THRD-F NPT 3000# FRG ASTM A182 Gr.F316/316L	1	0.2

FABRICATION WEIGHT [kg]		43.2
ERECTION WEIGHT [kg]	(01)	56.6
OVERALL WEIGHT [kg]		99.8

WELD SUMMARY

WELD No.	SIZE [inches]	TYPE
W21	1	BW
W22	1	BW
W23	3/4	BW
W24	1	BW
W25	1	BW
W26	3/4	BW
W27	1	BW
W28	1	BW
EW29	1	BW
W30	1	BW
W31	1	BW
W32	1	BW
EW33	1	BW
W34	1	BW
W35	1	BW
W36	1	BW
EW37	1	BW
W52	1	BW
W53	1	BW
EW54	1	BW
W55	1	BW
W56	1	BW
EW57	1	BW
W58	1	BW
W59	1	BW
EW60	1	BW
W61	1	BW
W62	1	BW
W63	3/4	BW

CUTTING LIST

PIECE No.	SIZE [inches]	LENGTH [mm]	END PREP.1	END PREP.2
J	1	754	BEVEL	BEVEL
K	1	250	BEVEL	BEVEL
L	1	100	BEVEL	BEVEL
M	1	100	BEVEL	BEVEL
N	1	685	BEVEL	BEVEL
O	1	956	BEVEL	BEVEL
P	1	774	BEVEL	BEVEL
V	1	2439	BEVEL	BEVEL
W	1	3924	BEVEL	BEVEL
X	1	3924	BEVEL	BEVEL

SUPPORT LIST

PS-03071.2
PS-03083.2
PS-03108.2
PS-03077.2
PS-03093.2
PS-03076.2
PS-03075.2

SPOOL	WELD [inches]	WEIGHT [kg]
E	10.5	10.6
F	11.75	32.6
		(01)
MONT	6	56.6

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
01	17-09-2024	STAFF SRL	RT	LM	REVISED WHERE INDICATED
00	03-09-2024	STAFF SRL	RT	LM	ISSUED FOR CONSTRUCTION

CROSSWIND

ROSETTI MARINO

TITLE
SHOP DRAWING ISOMETRIC
LINE NR. 1"-HY-007-03HSS-N

SK.005

CONTRACT NO./ TITLE	CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK			SCALE	N/A
DRAWN	STAFF SRL	CHECKED	RT	APPROVED	LM
DATE	17-09-2024				
FORMAT	A3	DRAWING NO.	123A90-FDL-PP-DI-00005	SHEET / OF	2/3
REV.	01				

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. 40 [barg]	TEMP. -29 / 80 [°C]		
HEAT TRACING	N/A		TEST	PRESS. 60 [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