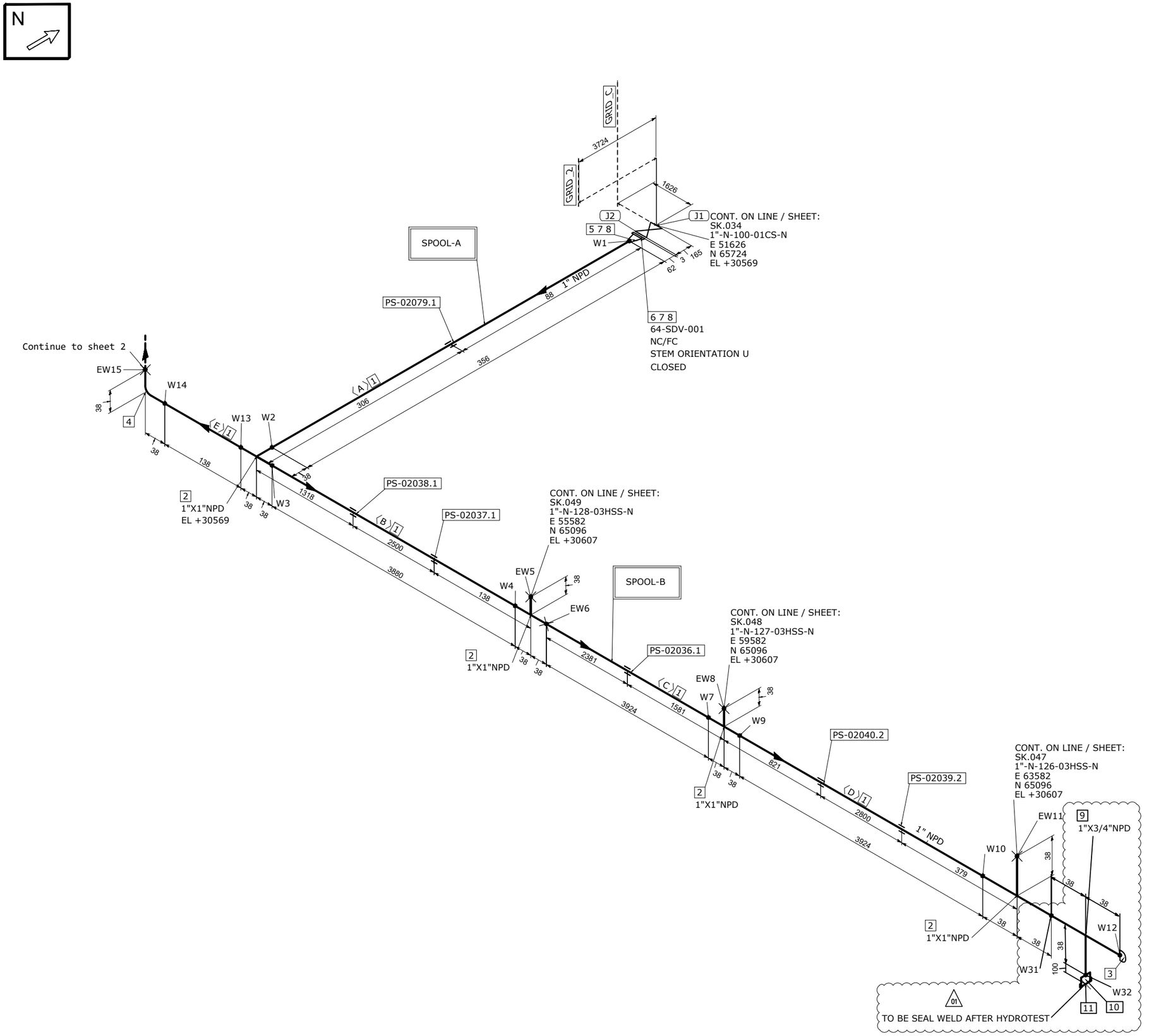


MATERIAL LIST

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	12.2M	31.0
2	1X1	TEE0SS00550100	Tee ASME B16.9 BW 3,38 WRS ASTM A403 Gr.WP316/316L	4	1.4
3	1	CAP0SS01030100	Cap ASME B16.9 BW 3,38 WRS ASTM A403 Gr.WP316/316L	1	0.1
4	1	E90RSS00670100	90 Deg Elbow Long Radius ASME B16.9 BW 3,38 WRS ASTM A403 Gr.WP316/316L	1	0.1
5	1	FLW0SS03270100	Flange WN ASME B16.5 300LB RF 3,38 FRG ASTM A182 Gr.F316/316L	1	1.8
9	1X3/4	TER0SS01171013Q	Tee Reducing ASME B16.9 BW 3,38x2,87 WRS ASTM A403 Gr.WP316/316L	1	0.4
10	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]
6	1		ON/OFF Ball Actuator Valve - 300#RF Flanged	1	41.0
7	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
8	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
11	3/4	CAPFSS00023Q00	Cap Forged ASME B16.11 THRD-F NPT 3000# FRG ASTM A182 Gr.F316/316L	1	0.2

FABRICATION WEIGHT [kg]	35.0
ERECTION WEIGHT [kg]	43.1
OVERALL WEIGHT [kg]	78.1

WELD SUMMARY

WELD No.	SIZE [inches]	TYPE
W1	1	BW
W2	1	BW
W3	1	BW
W4	1	BW
EW5	1	BW
EW6	1	BW
W7	1	BW
EW8	1	BW
W9	1	BW
W10	1	BW
EW11	1	BW
W12	1	BW
W13	1	BW
W14	1	BW
EW15	1	BW
W31	1	BW
W32	3/4	BW

CUTTING LIST

PIECE No.	SIZE [inches]	LENGTH [mm]	END PREP.1	END PREP.2
A	1	356	BEVEL	BEVEL
B	1	3880	BEVEL	BEVEL
C	1	3924	BEVEL	BEVEL
D	1	3924	BEVEL	BEVEL
E	1	138	BEVEL	BEVEL

SUPPORT LIST

PS-02079.1
PS-02038.1
PS-02037.1
PS-02036.1
PS-02040.2
PS-02039.2

SPOOL	WELD [inches]	WEIGHT [kg]
A	6	13.8
B	5.75	21.2
MONT	5	43.1

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
01	17-09-2024	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. 1"-N-257-03HSS-N

SK.122

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-00122			SHEET / OF	1/2
						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. 40	[barg]	TEMP. -46 / 80	[°C]		
HEAT TRACING	N/A		TEST	PRESS. 60	[barg]	TEMP. AMB.	MEDIUM	Water	

REFERENCE DOCUMENTS

P&ID	123A90-DDL-PR-PID-80027
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