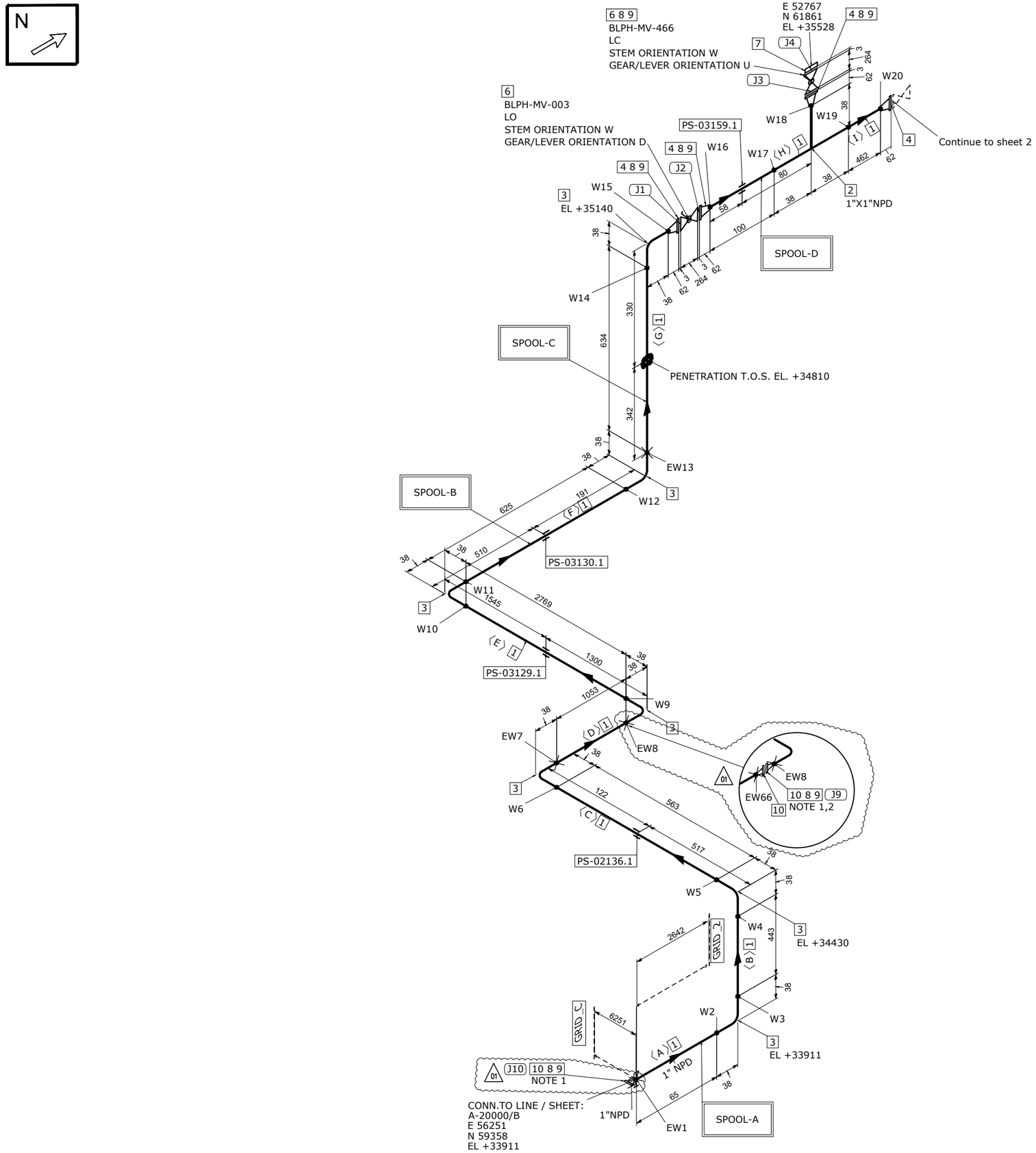


MATERIAL LIST

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	6.7M	17.1
2	1X1	TEE0SS00550100	Tee ASME B16.9 BW 3,38 WRS ASTM A403 Gr.WP316/316L	1	0.3
3	1	E90RSS00670100	90 Deg Elbow Long Radius ASME B16.9 BW 3,38 WRS ASTM A403 Gr.WP316/316L	7	1.0
4	1	FLW0SS03270100	Flange WN ASME B16.5 300LB RF 3,38 FRG ASTM A182 Gr.F316/316L	4	7.3

ERECTION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
6	1	VLBBNN07190100	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	2	27.0
7	1	FLB0SS01830100	Flange Blind ASME B16.5 300LB RF FRG ASTM A182 Gr.F316/316L	1	1.8
8	1	GSW0GK11210100	Gasket Spiral Wound Thk. 3.2 mm ASME B16.20 300LB RF GSK AISI 316 + GRAPHITE c/w INNER RING	6	0.6
9	5/8	SB20BO01870300	80 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized	24	5.6
01 10	1	FLW0SS03270100	Flange WN ASME B16.5 300LB RF 3,38 FRG ASTM A182 Gr.F316/316L	3	5.5

FABRICATION WEIGHT [kg]	25.7
ERECTION WEIGHT [kg]	40.5
OVERALL WEIGHT [kg]	66.2

WELD SUMMARY

WELD No.	SIZE [inches]	TYPE
EW1	1	BW
W2	1	BW
W3	1	BW
W4	1	BW
W5	1	BW
W6	1	BW
EW7	1	BW
01 EW8	1	BW
W9	1	BW
W10	1	BW
W11	1	BW
W12	1	BW
EW13	1	BW
W14	1	BW
W15	1	BW
W16	1	BW
W17	1	BW
W18	1	BW
W19	1	BW
W20	1	BW
01 EW66	1	BW

CUTTING LIST

PIECE No.	SIZE [inches]	LENGTH [mm]	END PREP.1	END PREP.2
A	1	65	SQ.CUT	BEVEL
B	1	443	BEVEL	BEVEL
C	1	563	BEVEL	BEVEL
D	1	1053	BEVEL	BEVEL
E	1	2769	BEVEL	BEVEL
F	1	625	BEVEL	BEVEL
G	1	634	BEVEL	BEVEL
H	1	100	BEVEL	BEVEL
I	1	462	BEVEL	BEVEL

SUPPORT LIST

PS-02136.1
PS-03129.1
PS-03130.1
PS-03159.1

SPOOL	WELD [inches]	WEIGHT [kg]
A	5	3.1
B	01 4	11.7
C	2	3.6
D	5	7.3
	01	
MONT	5	40.5

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
01	04-12-2024	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	CHECKED	APPROVED	DATE
STAFF SRL	RT	LM	03-09-2024

FORMAT: A3
DRAWING NO.: 123A90-FDL-PP-DI-00005
SHEET / OF: 1/3
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

1) TEMPORARY FLANGE FOR HYDROTEST, TO BE CUT AFTER TEST 01
2) PIPE 1<D> REMAIN 1053mm

MASTER