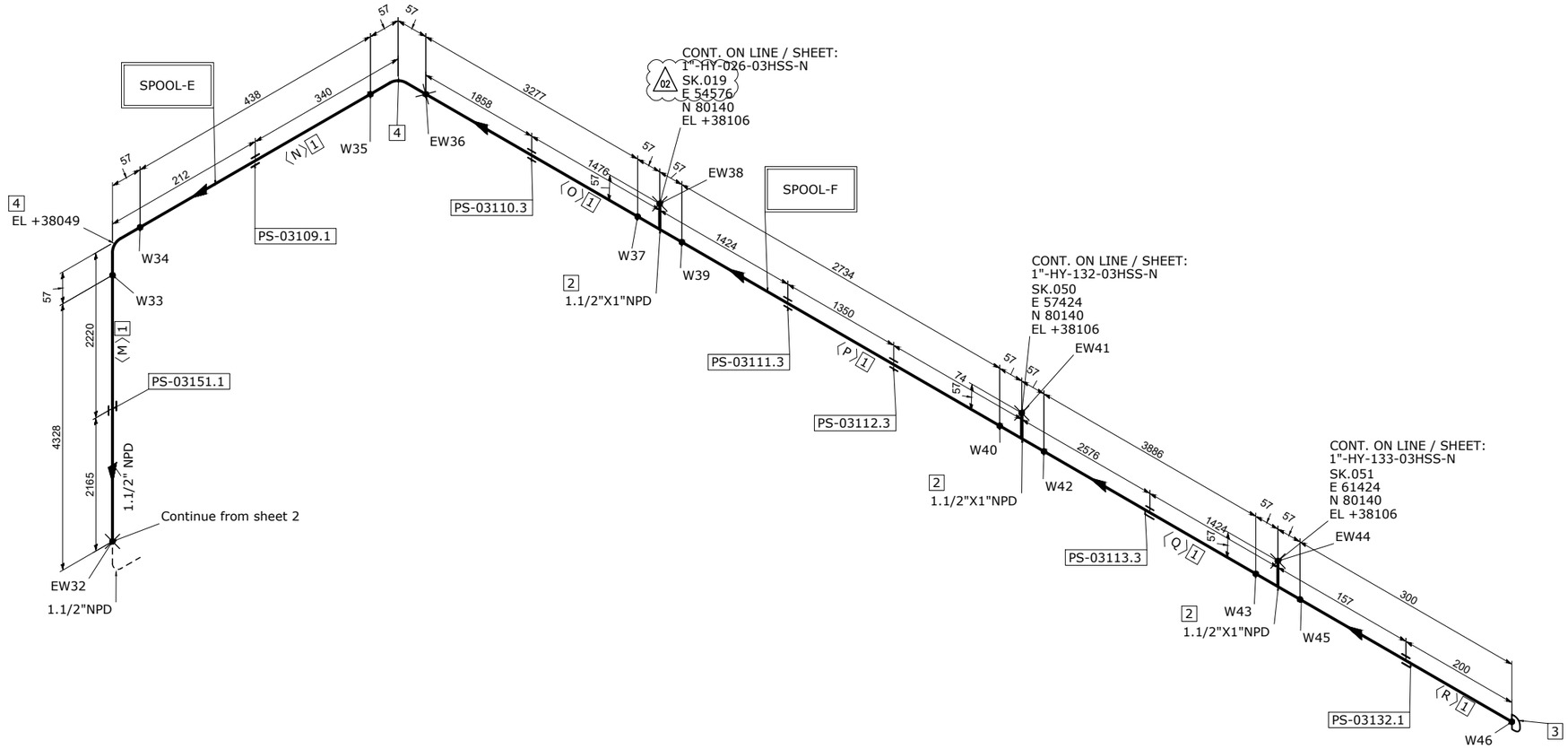


MATERIAL LIST

FABRICATION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
1	1.1/2	PIPESS00531H00	Pipe ASME B36.19M PE 3,68 SML ASTM A312 Gr.TP316/316L	15.0M	61.5
2	1.1/2X1	TER0SS01741H01	Tee Reducing ASME B16.9 BW 3,68x3,38 WRS ASTM A403 Gr.WP316/316L	3	2.3
3	1.1/2	CAP0SS01041H00	Cap ASME B16.9 BW 3,68 WRS ASTM A403 Gr.WP316/316L	1	0.2
4	1.1/2	E90RSS00681H00	90 Deg Elbow Long Radius ASME B16.9 BW 3,68 WRS ASTM A403 Gr.WP316/316L	2	0.7

ERECTION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]

FABRICATION WEIGHT [kg]	64.7
ERECTION WEIGHT [kg]	0.0
OVERALL WEIGHT [kg]	64.7

WELD SUMMARY

WELD No.	SIZE [inches]	TYPE
EW32	1.1/2	BW
W33	1.1/2	BW
W34	1.1/2	BW
W35	1.1/2	BW
EW36	1.1/2	BW
W37	1.1/2	BW
EW38	1	BW
W39	1.1/2	BW
W40	1.1/2	BW
EW41	1	BW
W42	1.1/2	BW
W43	1.1/2	BW
EW44	1	BW
W45	1.1/2	BW
W46	1.1/2	BW

CUTTING LIST

PIECE No.	SIZE [inches]	LENGTH [mm]	END PREP.1	END PREP.2
M	1.1/2	4328	BEVEL	BEVEL
N	1.1/2	438	BEVEL	BEVEL
O	1.1/2	3277	BEVEL	BEVEL
P	1.1/2	2734	BEVEL	BEVEL
Q	1.1/2	3886	BEVEL	BEVEL
R	1.1/2	300	BEVEL	BEVEL

SUPPORT LIST

PS-03151.1
PS-03109.1
PS-03110.3
PS-03111.3
PS-03112.3
PS-03113.3
PS-03132.1

SPOOL	WELD [inches]	WEIGHT [kg]
E	6	20.3
F	10.5	44.4
MONT	4.5	0.0

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
02	12-02-2025	STAFF SRL	RT	LM	REVISED WHERE INDICATED
01	03-09-2024	STAFF SRL	RT	LM	REVISED WHERE INDICATED
00	30-07-2024	STAFF SRL	RT	LM	ISSUED FOR CONSTRUCTION

CROSSWIND

ROSETTI MARINO

TITLE
SHOP DRAWING ISOMETRIC
LINE NR. 1-1/2"-HY-148-03HSS-N

SK.061

CONTRACT NO./ TITLE: CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK
SCALE: N/A
DRAWN: STAFF SRL | CHECKED: RT | APPROVED: LM | DATE: 12-02-2025
FORMAT: A3 | DRAWING NO.: 123A90-FDL-PP-DI-00061 | SHEET / OF: 3/3 | REV.: 02

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	--		TEST	PRESS. 60 [barg]	TEMP. AMB	MEDIUM Water	

REFERENCE DOCUMENTS

P&ID	123A90-DDL-PR-PID-80014
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