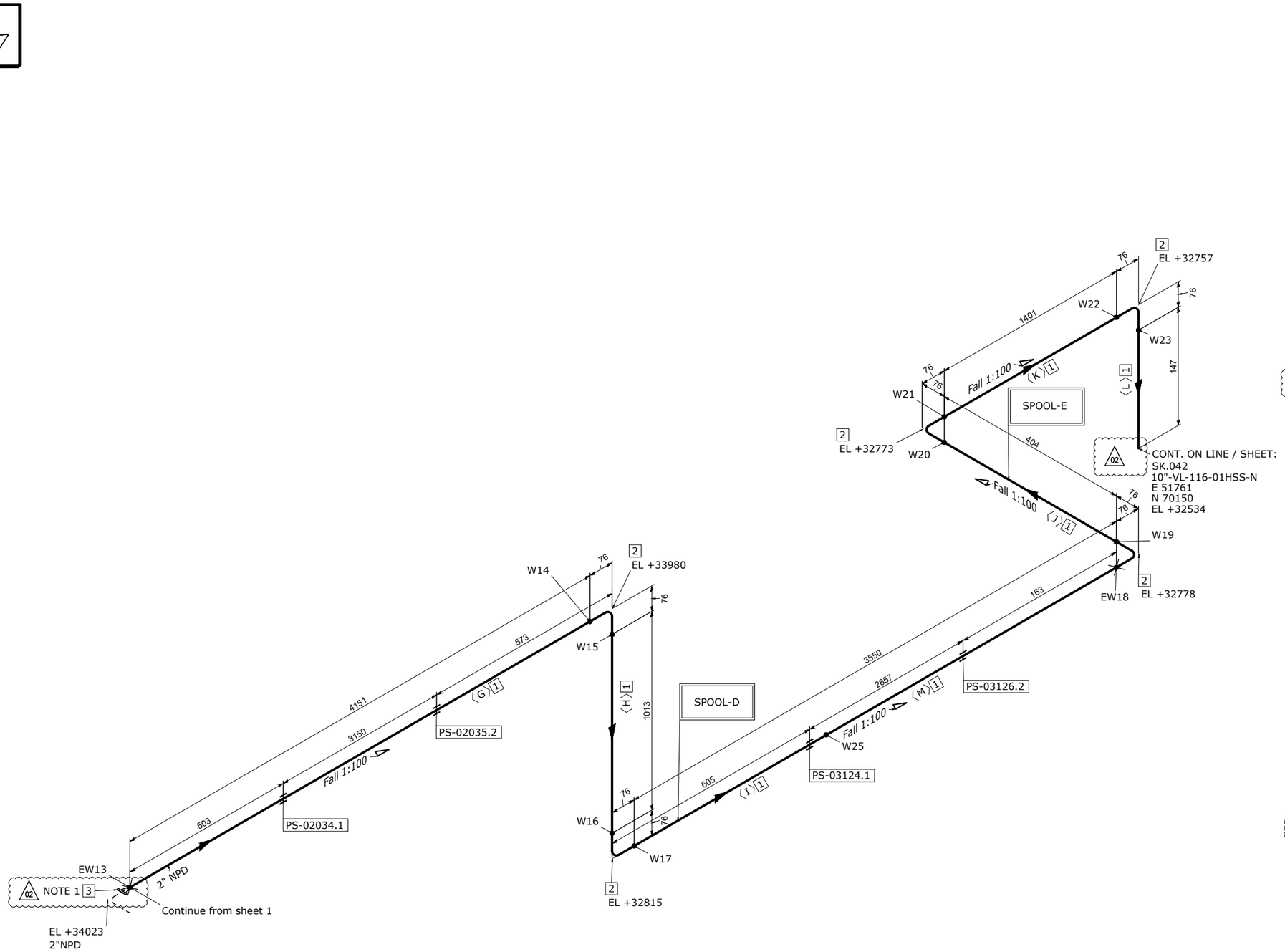


MATERIAL LIST

FABRICATION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
1	2	PIPESS00540200	Pipe ASME B36.19M PE 2,77 SML ASTM A312 Gr.TP316/316L	10.7M	42.6
2	2	E90RSS00010200	90 Deg Elbow Long Radius ASME B16.9 BW 2,77 WRS ASTM A403 Gr.WP316/316L	5	2.4

ERECTION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
02 3	2	FLW0SS00010200	Flange WN ASME B16.5 150LB RF 2,77 FRG ASTM A182 Gr.F316/316L	1	2.7

FABRICATION WEIGHT [kg]	45.0
ERECTION WEIGHT [kg]	02 2.7
OVERALL WEIGHT [kg]	47.7

WELD SUMMARY

WELD No.	SIZE [inches]	TYPE
EW13	2	BW
W14	2	BW
W15	2	BW
W16	2	BW
W17	2	BW
EW18	2	BW
W19	2	BW
W20	2	BW
W21	2	BW
W22	2	BW
W23	2	BW
02 W25	2	BW

CUTTING LIST

PIECE No.	SIZE [inches]	LENGTH [mm]	END PREP.1	END PREP.2
G	2	4151	BEVEL	BEVEL
H	2	1013	BEVEL	BEVEL
I	2	1775	BEVEL	BEVEL
J	2	404	BEVEL	BEVEL
K	2	1401	BEVEL	BEVEL
L	2	147	BEVEL	BEVEL
M	2	1775	BEVEL	BEVEL

SUPPORT LIST

PS-02034.1
PS-02035.2
PS-03124.1
PS-03126.2

SPOOL	WELD [inches]	WEIGHT [kg]
D	10	35.7
E	10	9.2
01 MONT	4	2.7

LINE DATA

NDT INSPECTION CATEGORY	1		PED CATEGORY	I			
PAINTING	SYSTEM 6A	BASE RAL RAL-9002	FLUID PHASE	Gas			
INSULATION	TYPE N	THICKNESS [mm]	DESIGN	PRESS. 3.5 [barg]	TEMP. -29 / 100 [°C]		
HEAT TRACING	N/A		TEST	PRESS. 5.25 [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 02

MASTER

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
02	04-12-2024	STAFF SRL	RT	LM	REVISED WHERE INDICATED
01	03-10-2024	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. 2"-VL-003-01HSS-N

SK.002

CONTRACT NO./ TITLE: CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK

SCALE: N/A

DRAWN: STAFF SRL | CHECKED: RT | APPROVED: LM | DATE: 03-10-2024

FORMAT: A3 | DRAWING NO.: 123A90-FDL-PP-DI-00002 | SHEET / OF: 2/2 | REV.: 02