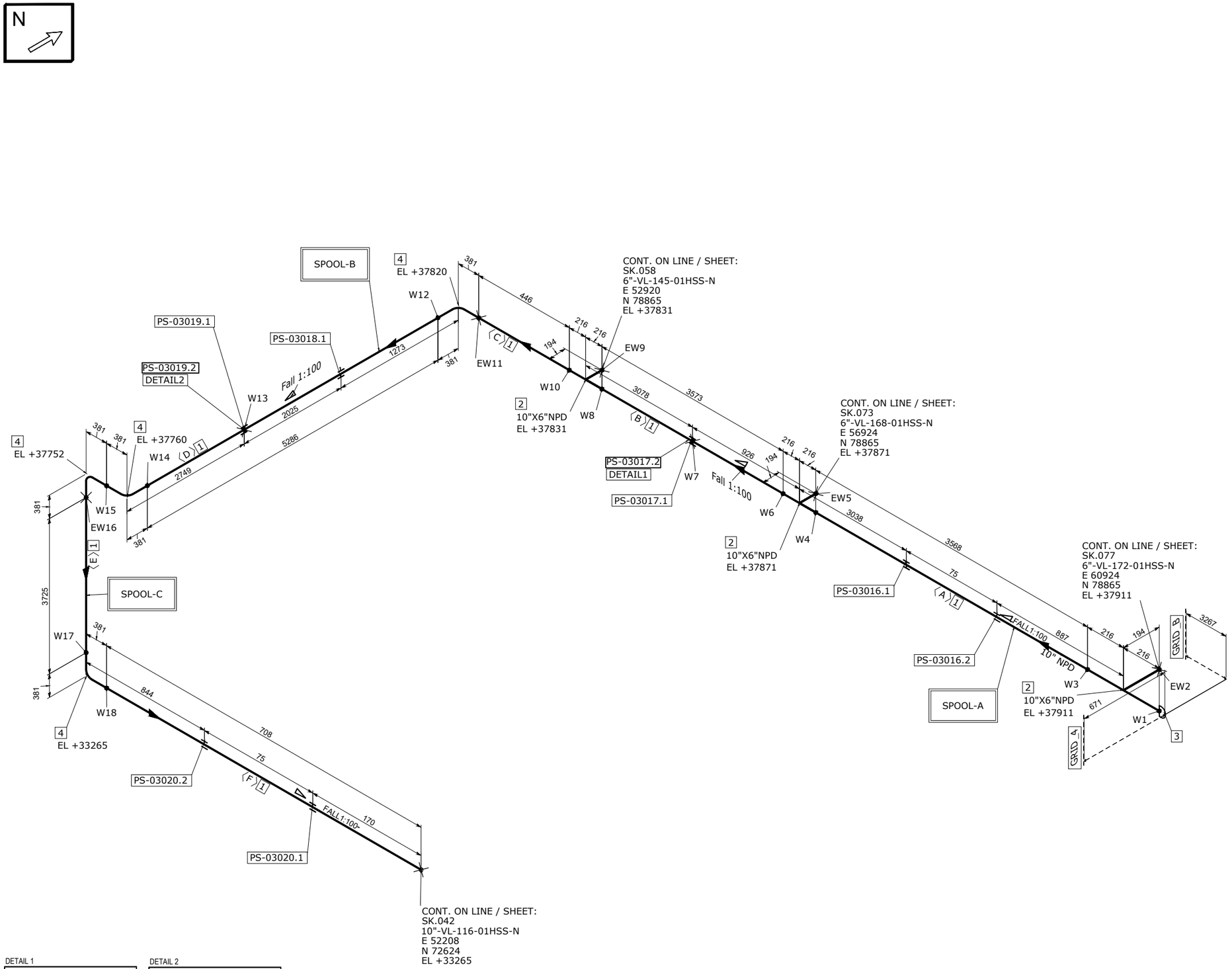
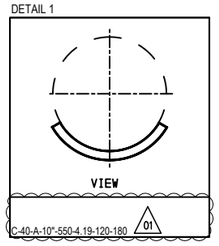
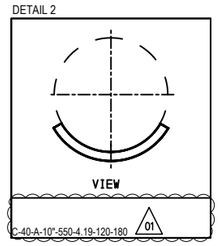


DETAIL 1



DETAIL 2



MATERIAL LIST

FABRICATION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
1	10	PIPESS01701000	Pipe ASME B36.19M PE 4,19 SML ASTM A312 Gr.TP316/316L	17.3M	488.1
2	10X6	TER0SS03441006	Tee Reducing ASME B16.9 BW 4,19x3,4 WRS ASTM A403 Gr.WP316/316L	3	56.4
3	10	CAP0SS00961000	Cap ASME B16.9 BW 4,19 WRS ASTM A403 Gr.WP316/316L	1	4.6
4	10	E90RSS01151000	90 Deg Elbow Long Radius ASME B16.9 BW 4,19 WRS ASTM A403 Gr.WP316/316L	4	67.9

ERECTION

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

FABRICATION WEIGHT [kg]	617.0
ERECTION WEIGHT [kg]	0.0
OVERALL WEIGHT [kg]	617.0

WELD SUMMARY

WELD No.	SIZE [inches]	TYPE
W1	10	BW
EW2	6	BW
W3	10	BW
W4	10	BW
EW5	6	BW
W6	10	BW
W7		FW
W8	10	BW
EW9	6	BW
W10	10	BW
EW11	10	BW
W12	10	BW
W13		FW
W14	10	BW
W15	10	BW
EW16	10	BW
W17	10	BW
W18	10	BW

CUTTING LIST

PIECE No.	SIZE [inches]	LENGTH [mm]	END PREP.1	END PREP.2
A	10	3568	BEVEL	BEVEL
B	10	3573	BEVEL	BEVEL
C	10	446	BEVEL	BEVEL
D	10	5286	BEVEL	BEVEL
E	10	3725	BEVEL	BEVEL
F	10	708	BEVEL	BEVEL

SUPPORT LIST

PS-03016.2
PS-03016.1
PS-03017.2
PS-03017.1
PS-03018.1
PS-03019.2
PS-03019.1
PS-03020.2
PS-03020.1

SPOOL	WELD [inches]	WEIGHT [kg]
A	60	274.9
B	30	200.0
C	20	142.1
MONT	38	0.0

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
01	03-09-2024	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. 10"-VL-123-01HSS-N

SK.044

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

SCALE: N/A

DRAWN: STAFF SRL | CHECKED: RT | APPROVED: LM | DATE: 03-09-2024

FORMAT: A3 | DRAWING NO.: 123A90-FDL-PP-DI-00044 | SHEET / OF: 1/1 | 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. 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-80028
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