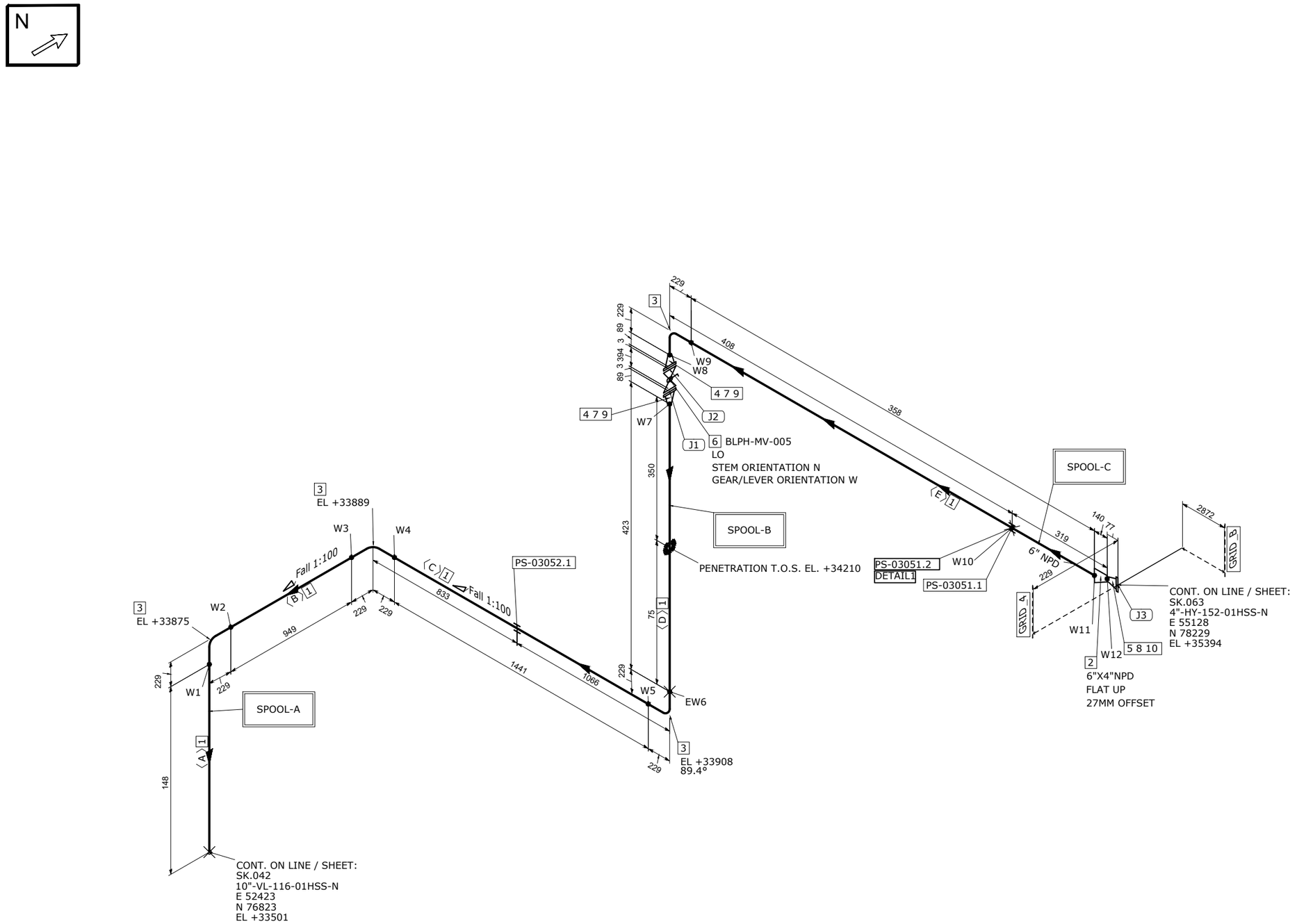
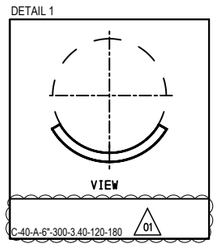


DETAIL 1



MATERIAL LIST

FABRICATION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
1	6	PIPESS00570600	Pipe ASME B36.19M PE 3,4 SML ASTM A312 Gr.TP316/316L	3.3M	46.7
2	6X4	REE0SS02460604	Reducer Eccentric ASME B16.9 BW 3,4x3,05 WRS ASTM A403 Gr.WP316/316L	1	1.9
3	6	E90RSS01030600	90 Deg Elbow Long Radius ASME B16.9 BW 3,4 WRS ASTM A403 Gr.WP316/316L	4	19.8
4	6	FLW0SS02980600	Flange WN ASME B16.5 150LB RF 3,4 FRG ASTM A182 Gr.F316/316L	2	22.3
5	4	FLW0SS00880400	Flange WN ASME B16.5 150LB RF 3,05 FRG ASTM A182 Gr.F316/316L	1	6.9

ERECTION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
6	6	VLBLNN01460600	Block & Bleed Valve API 6D FLG 150LB RF BA01C01RFHS	1	180.0
7	6	GSW0GK11160600	Gasket Spiral Wound Thk. 3.2 mm ASME B16.20 150LB RF GSK AISI 316 + GRAPHITE c/w INNER RING	2	0.6
8	4	GSW0GK11150400	Gasket Spiral Wound Thk. 3.2 mm ASME B16.20 150LB RF GSK AISI 316 + GRAPHITE c/w INNER RING	1	0.2
9	3/4	SB20BO01890400	105 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized	16	6.7
10	5/8	SB20BO04190300	90 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized	8	2.0

FABRICATION WEIGHT [kg]	97.6
ERECTION WEIGHT [kg]	189.5
OVERALL WEIGHT [kg]	287.1

WELD SUMMARY

WELD No.	SIZE [inches]	TYPE
W1	6	BW
W2	6	BW
W3	6	BW
W4	6	BW
W5	6	BW
EW6	6	BW
W7	6	BW
W8	6	BW
W9	6	BW
W10		FW
W11	6	BW
W12	4	BW

CUTTING LIST

PIECE No.	SIZE [inches]	LENGTH [mm]	END PREP.1	END PREP.2
A	6	148	BEVEL	BEVEL
B	6	949	BEVEL	BEVEL
C	6	1441	BEVEL	BEVEL
D	6	423	BEVEL	BEVEL
E	6	358	BEVEL	BEVEL

SUPPORT LIST

PS-03051.2
PS-03051.1
PS-03052.1

SPOOL	WELD [inches]	WEIGHT [kg]
C	22	29.9
B	6	17.1
A	30	50.5
MONT	6	189.5

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. 6"-VL-010-01HSS-N

SK.006

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-00006
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-80012
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