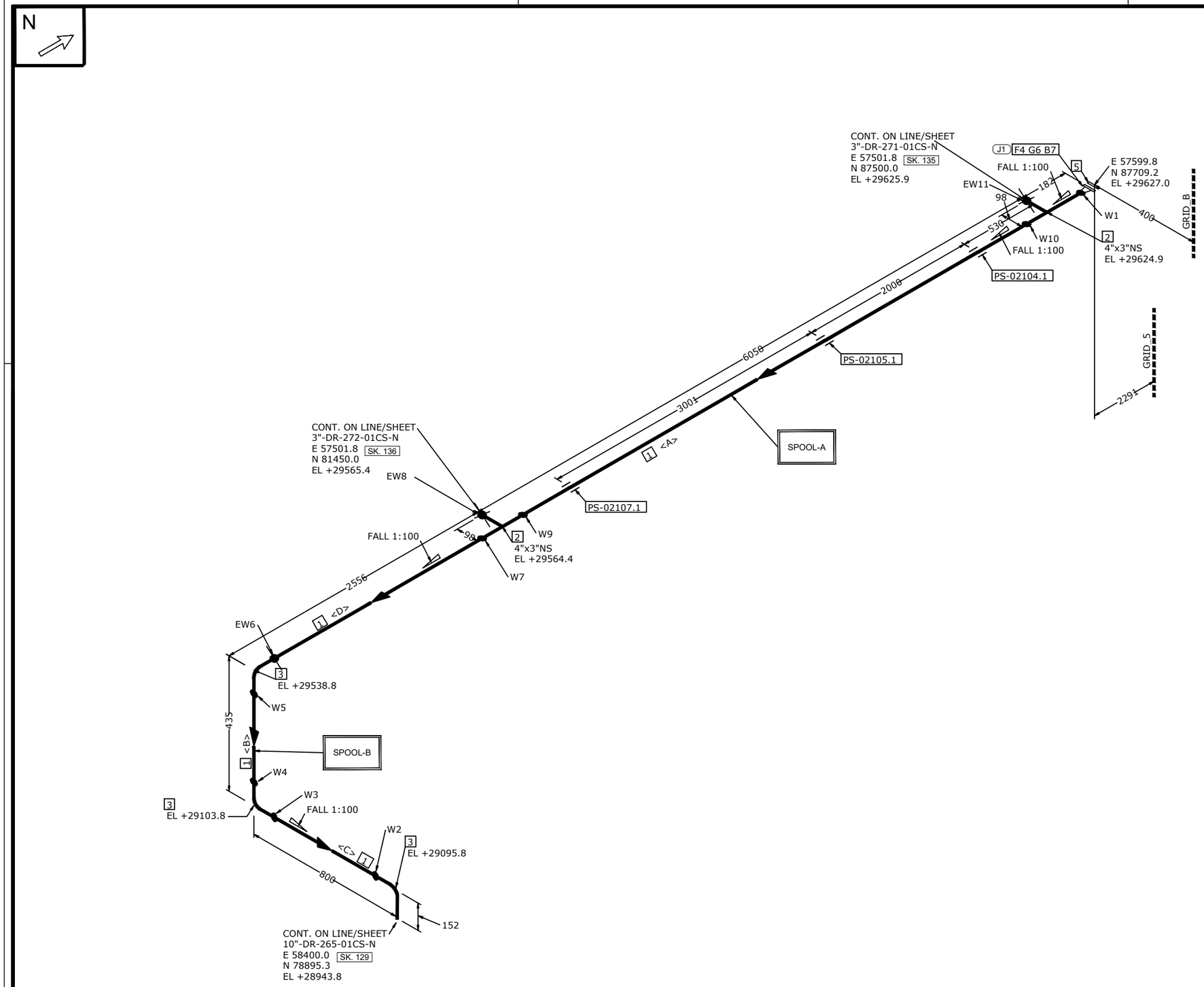


MATERIAL LIST

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
FABRICATION					
1	4	PIPECS03750400	Pipe ASME B36.10M PE 6.02 SML ASTM/ASME A/SA333 Gr.6	8.8 M	141.0
2	4 x 3	TER0CS15730403	Tee Reducing ASME B16.9 BW 6,02x5,49 WRS ASTM/ASME A/SA420 Gr.WPL6	2	10.4
3	4	E90RCS02380400	90 Deg Elbow Long Radius ASME B16.9 BW 6,35 WRS ASTM/ASME A/SA420 Gr.WPL6	3	11.7
4	4	FLW0CS03210400	Flange WN ASME B16.5 150LB RF 6,35 FRG ASTM/ASME A/SA350 Gr.LF2	1	6.8
ERECTION					
5	4	FLB0CS07390400	Flange Blind ASME B16.5 150LB RF FRG ASTM/ASME A/SA350 Gr.LF2	1	6.8
6	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
7	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]	169.9
ERECTION WEIGHT [kg]	9.0
OVERALL WEIGHT [kg]	178.9

WELD SUMMARY

WELD No.	SIZE [inches]	TYPE
W1	4"	BW
W2	4"	BW
W3	4"	BW
W4	4"	BW
W5	4"	BW
EW6	4"	BW
W7	4"	BW
EW8	3"	BW
W9	4"	BW
W10	4"	BW
EW11	3"	BW

CUTTING LIST

PIECE No.	SIZE [inches]	LENGTH [mm]	END PREP.1	END PREP.2
A	4"	5840	BEVEL	BEVEL
B	4"	131	BEVEL	BEVEL
C	4"	496	BEVEL	BEVEL
D	4"	2299	BEVEL	BEVEL

SUPPORT LIST

PS-02104.1
PS-02105.1
PS-02107.1

SPOOL	WELD [inches]	WEIGHT [kg]
A	16.0	148.1
B	16.0	21.8
ERECT.	10.0	9.0

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
01	03-09-2024	RM	RT	LM	REVISED WHERE INDICATED
00	04-06-2024	RM	RT	LM	ISSUED FOR CONSTRUCTION

CROSSWIND

ROSETTI MARINO

TITLE: SHOP DRAWING ISOMETRIC
LINE NR. 4"-DR-267-01CS-N
SK. 131

CONTRACT NO./ TITLE: CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK
SCALE: N/A
DRAWN: RM | CHECKED: RT | APPROVED: LM
DATE: 03-09-2024
FORMAT: A3
DRAWING NO.: 123A90-FDL-PP-DI-00131
SHEET / OF: 1 / 1
REV.: 01

LINE DATA

NDT INSPECTION CATEGORY	2			PED CATEGORY	01	Art. 4, par. 3			
PAINTING	SYSTEM	1	BASE RAL RAL 9002	FLUID PHASE		Liquid			
INSULATION	TYPE	N	THICKNESS 0 [mm]	DESIGN	PRESS.	3.5 [barg]	TEMP. - / 80 [°C]		
HEAT TRACING	N/A			TEST	PRESS. N/A [barg]	TEMP. AMB	MEDIUM	N/A	

REFERENCE DOCUMENTS

P&ID	123A90-DDL-PR-PID-80043
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