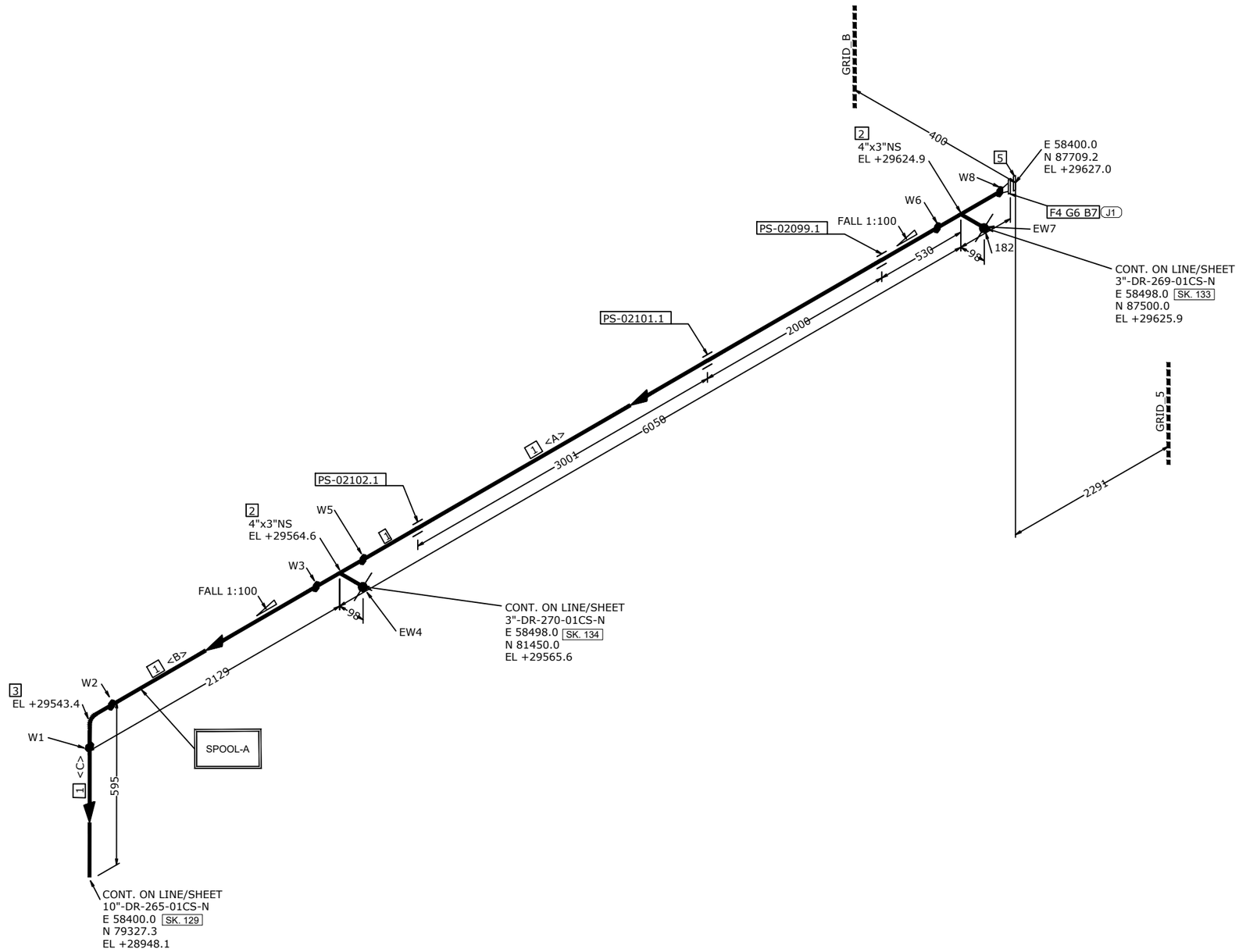


MATERIAL LIST

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	131.1
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	1	3.9
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]	152.2
ERECTION WEIGHT [kg]	9.0
OVERALL WEIGHT [kg]	161.2

WELD SUMMARY

WELD No.	SIZE [inches]	TYPE
W1	4"	BW
W2	4"	BW
W3	4"	BW
EW4	3"	BW
W5	4"	BW
W6	4"	BW
EW7	3"	BW
W8	4"	BW

CUTTING LIST

PIECE No.	SIZE [inches]	LENGTH [mm]	END PREP.1	END PREP.2
A	4"	5840	BEVEL	BEVEL
B	4"	1872	BEVEL	BEVEL
C	4"	443	BEVEL	BEVEL

SUPPORT LIST

PS-02099.1
PS-02101.1
PS-02102.1

SPOOL	WELD [inches]	WEIGHT [kg]
A	24.0	152.2
ERECT.	6.0	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-268-01CS-N
SK. 132

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-00132
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