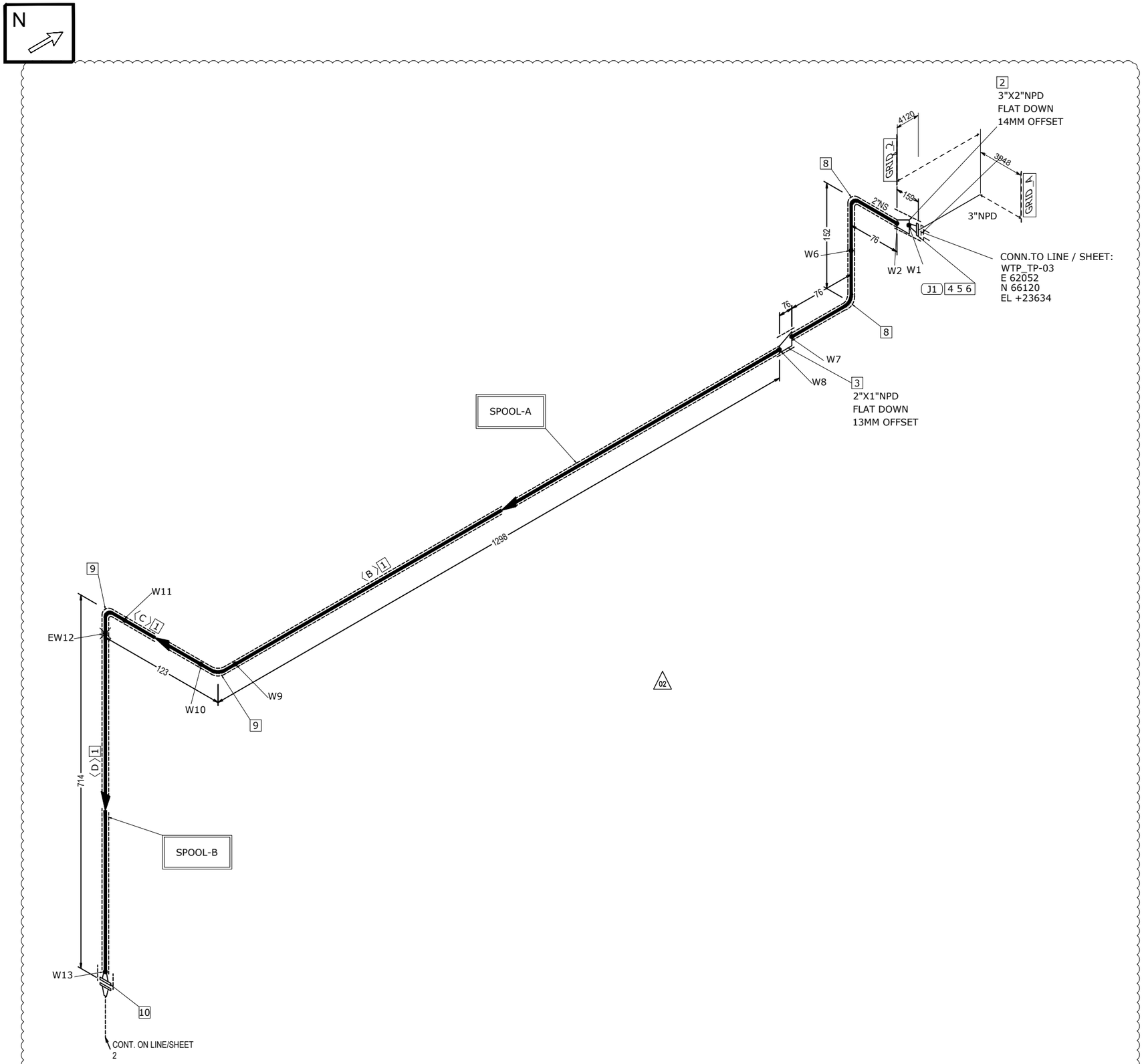


MATERIAL LIST

FABRICATION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
1	1	PIPECS08300100	Pipe ASME B36.10M PE 4,55 SML ASTM/ASME A/SA333 Gr.6	1.9M (02)	6.2
2	3X2	REE0CS13010302	Reducer Eccentric ASME B16.9 BW 5,49x5,54 WRS ASTM/ASME A/SA420 Gr.WPL6	1	1.0
3	2X1	REE0CS15650201	Reducer Eccentric ASME B16.9 BW 5,54x4,55 WRS ASTM/ASME A/SA420 Gr.WPL6	1	0.6
4	3	FLW0CS03180300	Flange WN ASME B16.5 150LB RF 5,49 FRG ASTM/ASME A/SA350 Gr.LF2	1	4.5
(02) 8	2	E90RCS01330200	90 Deg Elbow Long Radius ASME B16.9 BW 5,54 WRS ASTM/ASME A/SA420 Gr.WPL6	2	1.8
9	1	E90RCS01780100	90 Deg Elbow Long Radius ASME B16.9 BW 4,55 WRS ASTM/ASME A/SA420 Gr.WPL6	2	0.4
10	1	FLW0CS16540100	Flange WN ASME B16.5 150LB RF 4,55 FRG ASTM/ASME A/SA350 Gr.LF2	1	1.4

ERECTION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
5	3	GSW0GK11140300	Gasket Spiral Wound Thk. 3.2 mm ASME B16.20 150LB RF GSK AISI 316 + GRAPHITE c/w INNER RING	1	0.2
6	5/8	SB20BO04190300	90 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized	4	1.0

FABRICATION WEIGHT [kg]		15.9
ERECTION WEIGHT [kg]	(02)	1.2
OVERALL WEIGHT [kg]		17.1

WELD SUMMARY

WELD No.	SIZE [inches]	TYPE
W1	3	BW
W2	2	BW
(02) W6	2	BW
W7	2	BW
W8	1	BW
W9	1	BW
W10	1	BW
W11	1	BW
EW12	1	BW
W13	1	BW
W3	1	BW

CUTTING LIST

PIECE No.	SIZE [inches]	LENGTH [mm]	END PREP.1	END PREP.2
B	1	1260	BEVEL	BEVEL
C	1	47	BEVEL	BEVEL
D	1	620 (02)	BEVEL	BEVEL

SUPPORT LIST

SPOOL	WELD [inches]	WEIGHT [kg]
A	13	13.0
B	1	2.9
(02)		
MONT	1	1.2

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
02	26-03-2025	STAFF SRL	RT	LM	GENERAL REVISION
01	12-02-2025	STAFF SRL	RT	LM	REVISED WHERE INDICATED
00	27-08-2024	STAFF SRL	RT	LM	ISSUED FOR CONSTRUCTION

CROSSWIND

ROSETTI MARINO

TITLE: SHOP DRAWING ISOMETRIC
LINE NR. 1"-SWR-045-01CS-H

SK.029

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

SCALE: N/A

DRAWN: STAFF SRL | CHECKED: RT | APPROVED: LM | DATE: 12-02-2025

FORMAT: A3 | DRAWING NO.: 123A90-FDL-PP-DI-00029 | SHEET / OF: 1/2 | REV.: 02

LINE DATA

NDT INSPECTION CATEGORY	2		PED CATEGORY	Art. 4, par. 3			
PAINTING	SYSTEM 1D	BASE RAL N/A	FLUID PHASE	Liquid			
INSULATION	TYPE H	THICKNESS 20 [mm]	DESIGN	PRESS. 3.5 [barg]	TEMP. -46 / 100 [°C]		
HEAT TRACING	N/A		TEST	PRESS. 5,25 [barg]	TEMP. AMB	MEDIUM Water	

REFERENCE DOCUMENTS

P&ID	123A90-DDL-PR-PID-80022
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