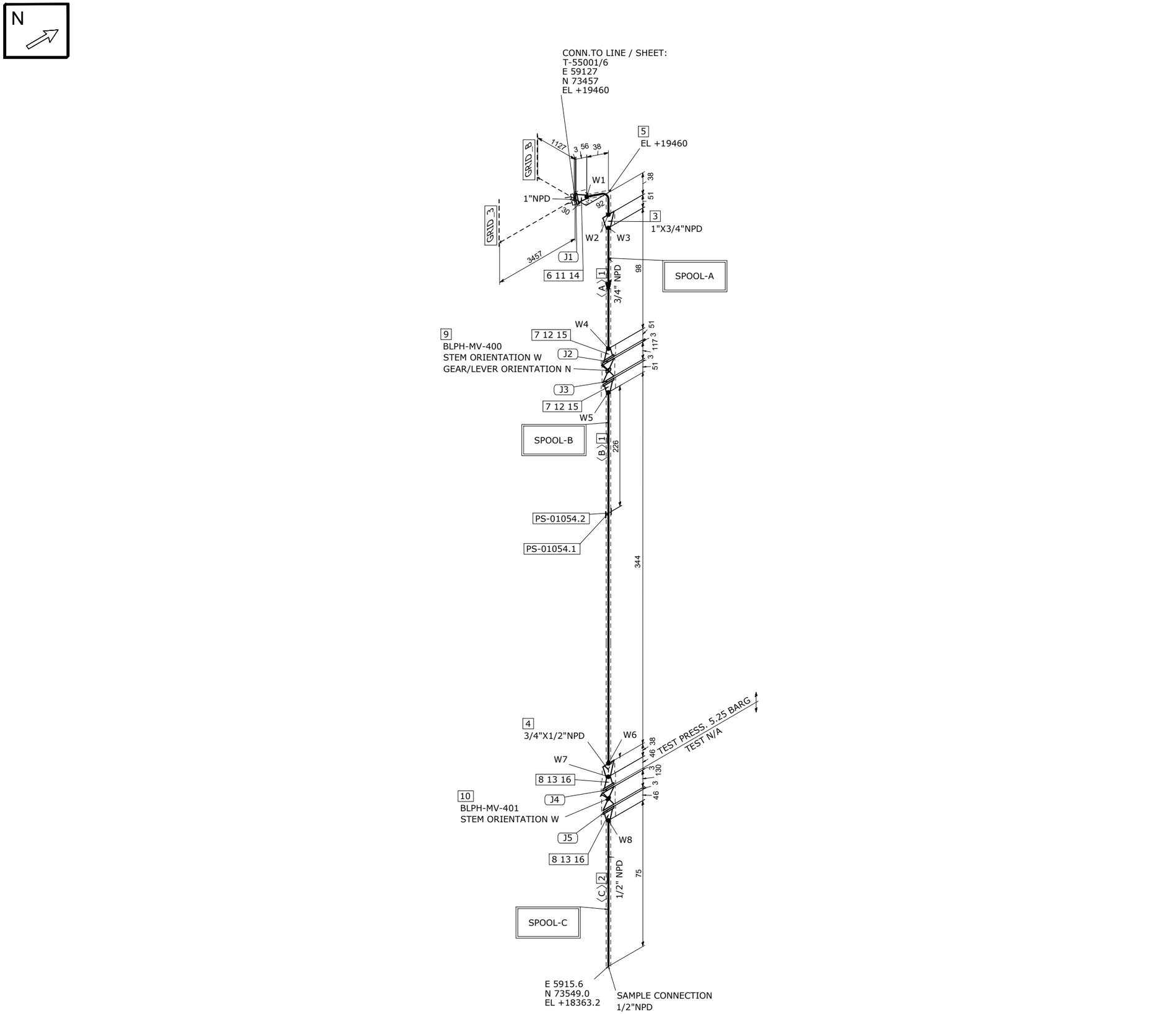


MATERIAL LIST

FABRICATION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
1	3/4	PIPECS08293Q00	Pipe ASME B36.10M PE 3,91 SML ASTM/ASME A/SA333 Gr.6	0.4M	1.0
2	1/2	PIPECS10360H00	Pipe ASME B36.10M PE 3,73 SML ASTM/ASME A/SA333 Gr.6	0.1M	0.1
3	1X3/4	REC0CS2203013Q	Reducer Concentric ASME B16.9 BW 4,55x3,91 WRS ASTM/ASME A/SA420 Gr.WPL6	1	0.2
4	3/4X1/2	REC0CS22003Q0H	Reducer Concentric ASME B16.9 BW 3,91x3,73 WRS ASTM/ASME A/SA420 Gr.WPL6	1	0.1
5	1	E90RCS01780100	90 Deg Elbow Long Radius ASME B16.9 BW 4,55 WRS ASTM/ASME A/SA420 Gr.WPL6	1	0.2
6	1	FLWDCS02740100	Flange WN For Jackscrews ASME B16.5 150LB RF 4,55 FRG ASTM/ASME A/SA350 Gr.LF2	1	1.4
7	3/4	FLW0CS22243Q00	Flange WN ASME B16.5 150LB FF 3,91 FRG ASTM/ASME A/SA350 Gr.LF2	2	1.8
8	1/2	FLW0CS22230H00	Flange WN ASME B16.5 150LB FF 3,73 FRG ASTM/ASME A/SA350 Gr.LF2	2	1.8

ERECTION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
9	3/4	VBC0NN24893Q00	Ball Valve Split Body FB Manuf.s STD FLG 150LB FF BA01P01KT	1	7.0
10	1/2	VDA0NN16150H00	Globe Valve Manuf.s STD FLG 150LB FF HS01P01KT	1	3.8
11	1	GSW0GK11100100	Gasket Spiral Wound Thk. 3.2 mm ASME B16.20 150LB RF GSK AISI 316 + GRAPHITE c/w INNER RING	1	0.1
12	3/4	SPIKNN01253Q00	Insulation Kit Ends as per ASME B16.5 150LB FF	2	0.1
13	1/2	SPIKNN01240H00	Insulation Kit Ends as per ASME B16.5 150LB FF	2	0.1
14	1/2	SB20BO01080200	65 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized	4	0.5
15	1/2	SB20BO00980200	80 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized	8	1.0
16	1/2	SB20BO00940200	75 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized	8	1.0

FABRICATION WEIGHT [kg]	6.6
ERECTION WEIGHT [kg]	13.6
OVERALL WEIGHT [kg]	20.2

WELD SUMMARY

WELD No.	SIZE [inches]	TYPE
W1	1	BW
W2	1	BW
W3	3/4	BW
W4	3/4	BW
W5	3/4	BW
W6	3/4	BW
W7	1/2	BW
W8	1/2	BW

CUTTING LIST

PIECE No.	SIZE [inches]	LENGTH [mm]	END PREP.1	END PREP.2
A	3/4	98	BEVEL	BEVEL
B	3/4	344	BEVEL	BEVEL
C	1/2	75	BEVEL	SQ.CUT

SUPPORT LIST

PS-01054.1
PS-01054.2

SPOOL	WELD [inches]	WEIGHT [kg]
A	3.5	2.9
B	2.0	2.6
C	0.5	1.0
MONT	0	13.6

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
00	27-08-2024	STAFF SRL	RT	LM	ISSUED FOR CONSTRUCTION

CROSSWIND

ROSETTI MARINO

TITLE
SHOP DRAWING ISOMETRIC
LINE NR. 1"-WW-292-01CS-H

SK.156

HOOK-UP 006

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-80026
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

CONTRACT NO./ TITLE	CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK		SCALE	N/A
DRAWN STAFF SRL	CHECKED RT	APPROVED LM	DATE	27-08-2024
FORMAT A3	DRAWING NO. 123A90-FDL-PP-DI-00156		SHEET / OF	1/1
			REV.	00