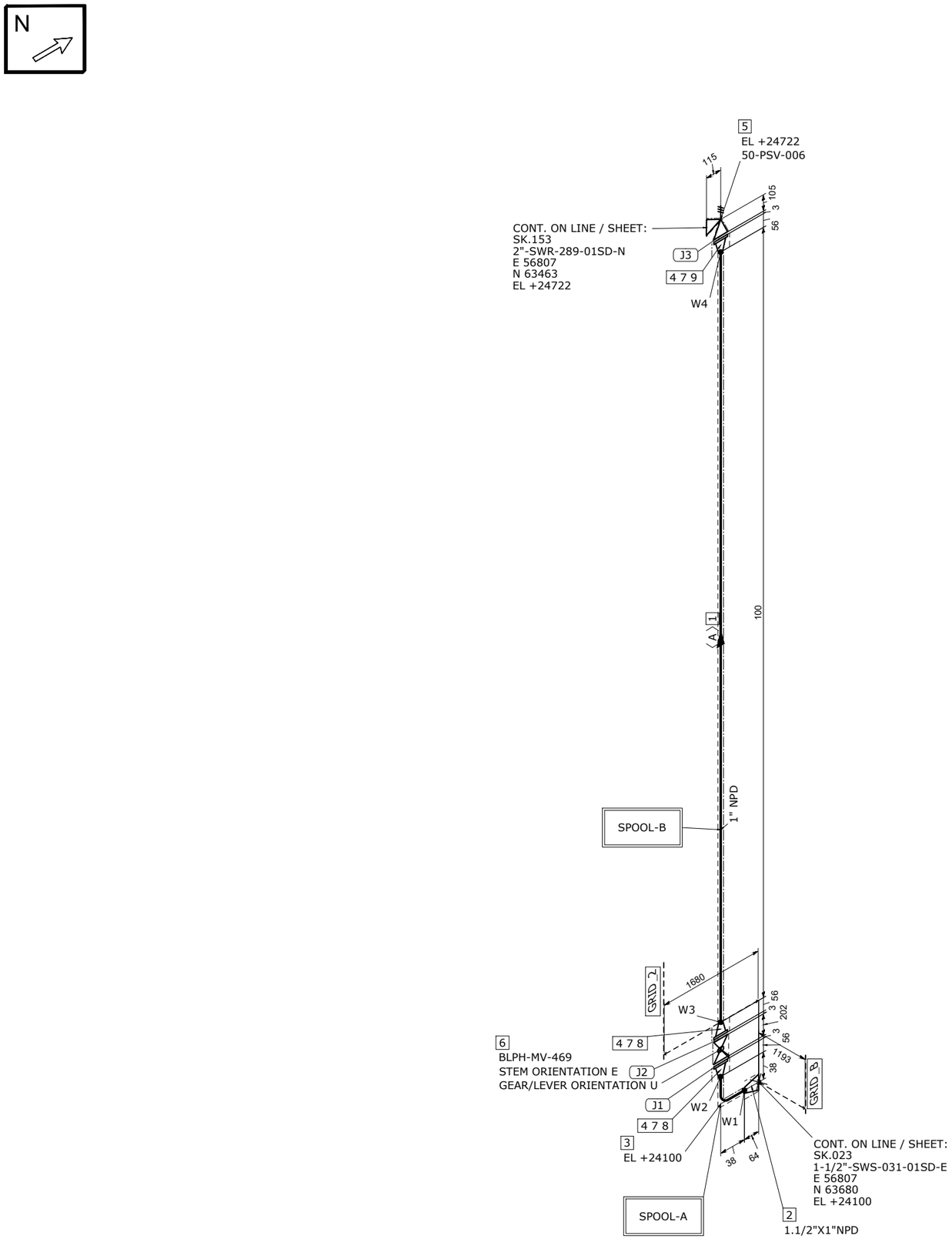


MATERIAL LIST

FABRICATION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
1	1	PIPESD02850100	Pipe ASME B36.19M PE 3,38 SML ASTM A790 UNS S32760	0.1M	0.3
2	1.1/2X1	REC0SD08001H01	Reducer Concentric ASME B16.9 BW 3,68x3,38 WRS ASTM A815 UNS S32760	1	0.3
3	1	E90RSD01640100	90 Deg Elbow Long Radius ASME B16.9 BW 3,38 WRS ASTM A815 UNS S32760	1	0.1
4	1	FLW0SD01240100	Flange WN ASME B16.5 150LB RF 3,38 FRG ASTM A182 Gr.F55	3	4.3

ERECTION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
5	2X1		SAFETY VALVE FLG.150/150#RF	1	15.0
6	1	VLBLNN01370100	Block & Bleed Valve API 6D FLG 150LB RF BS01F01RFS	1	12.5
7	1	GFL3GK15970100	Gasket Flat Thk. 3 mm ASME B16.21 150LB RF GSK NEOPRENE	3	0.2
8	1/2	SB20BO01080200	65 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized	8	1.0
9	1/2	SB20BO34450200	105 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized	4	0.7

FABRICATION WEIGHT [kg]	5.0
ERECTION WEIGHT [kg]	29.4
OVERALL WEIGHT [kg]	34.4

WELD SUMMARY

WELD No.	SIZE [inches]	TYPE
W1	1	BW
W2	1	BW
W3	1	BW
W4	1	BW

CUTTING LIST

PIECE No.	SIZE [inches]	LENGTH [mm]	END PREP.1	END PREP.2
A	1	100	BEVEL	BEVEL

SUPPORT LIST

SPOOL	WELD [inches]	WEIGHT [kg]
A	2	1.8
B	2	3.1
MONT	0	29.4

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"-SWS-288-01SD-E

SK.152

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-00152 | SHEET / OF: 1/1 | REV.: 00

LINE DATA

NDT INSPECTION CATEGORY	2		PED CATEGORY	Art. 4, par. 3					
PAINTING	SYSTEM N/A	BASE RAL N/A	FLUID PHASE	Liquid					
INSULATION	TYPE H	THICKNESS 20 [mm]	DESIGN	PRESS. 7.6 [barg]	TEMP. -29 / 100 [°C]				
HEAT TRACING	Yes		TEST	PRESS. 11.4 [barg]	TEMP. AMB	MEDIUM Water			

REFERENCE DOCUMENTS

P&ID	123A90-DDL-PR-PID-80021
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