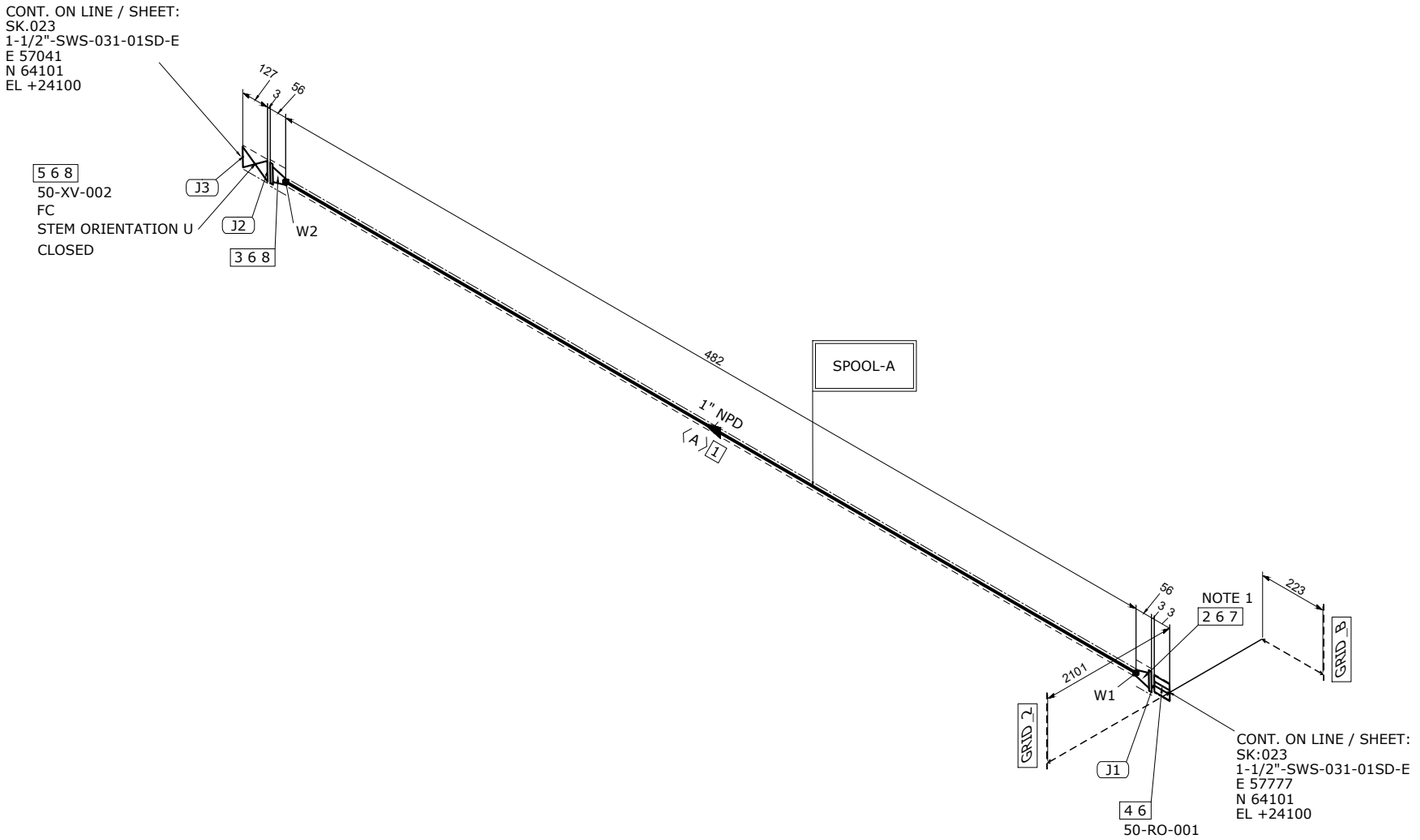


MATERIAL LIST

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	0.5M	1.2
2	1	FLWDSD00300100	Flange WN For Jackscrews ASME B16.5 150LB RF 3,38 FRG ASTM A182 Gr.F55	1	1.4
3	1	FLW0SD01240100	Flange WN ASME B16.5 150LB RF 3,38 FRG ASTM A182 Gr.F55	1	1.4

ERECTION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
4	1		Restriction Orifice 150#RF	1	1.0
5	1		ON/OFF Ball Actuator Valve - 150#RF Flanged	1	40.0
6	1	GFL3GK15970100	Gasket Flat Thk. 3 mm ASME B16.21 150LB RF GSK NEOPRENE	4	0.2
7	1/2	SB20BO00940200	75 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized	4	0.5
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

FABRICATION WEIGHT [kg]	4.0
ERECTION WEIGHT [kg]	42.7
OVERALL WEIGHT [kg]	46.7

WELD SUMMARY

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

CUTTING LIST

PIECE No.	SIZE [inches]	LENGTH [mm]	END PREP.1	END PREP.2
A	1	482	BEVEL	BEVEL

SUPPORT LIST

SPOOL	WELD [inches]	WEIGHT [kg]
A	2	4.1
MONT	0	42.7

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-146-01SD-E

SK.059

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-00059			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

1.JACKSCREWS POSITION N/S

MASTER