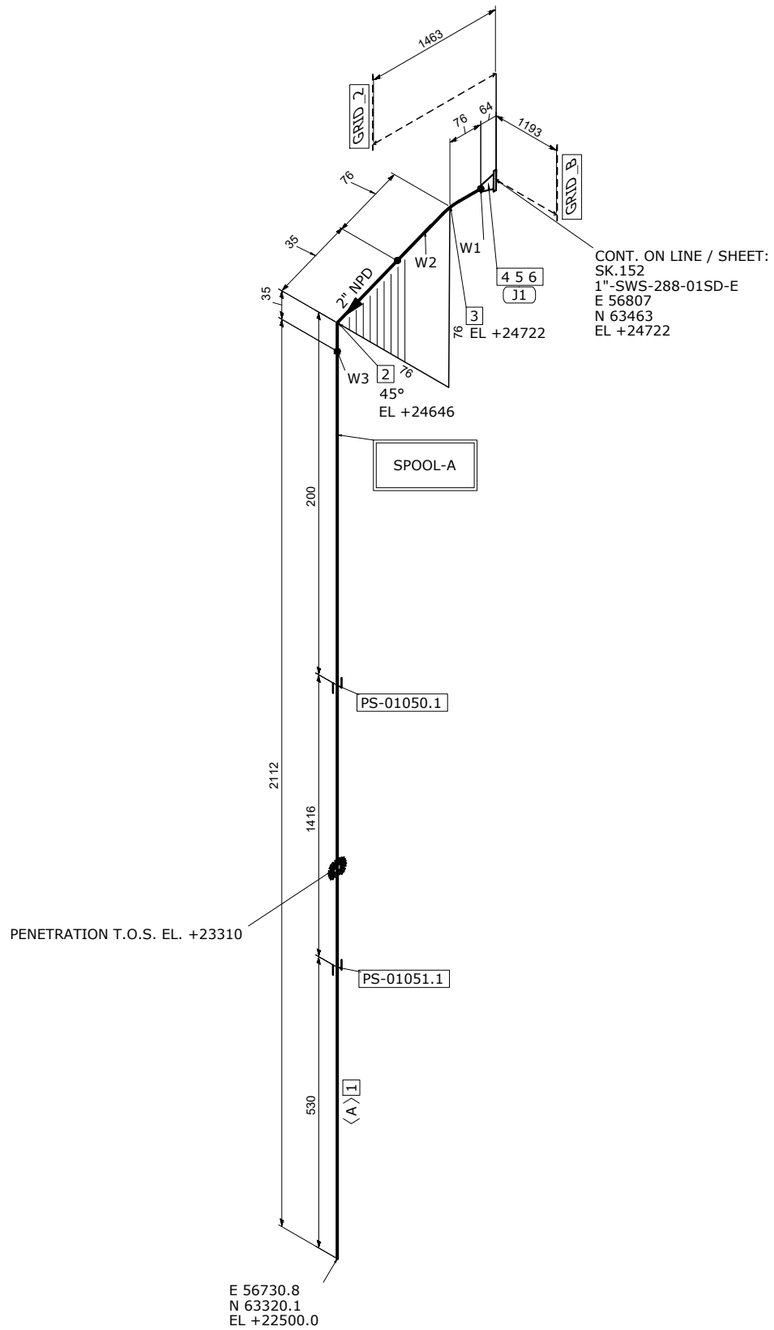


MATERIAL LIST

FABRICATION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
1	2	PIPESD02860200	Pipe ASME B36.19M PE 2,77 SML ASTM A790 UNS S32760	2.1M	8.5
2	2	E45RSD01550200	45 Deg Elbow Long Radius ASME B16.9 BW 2,77 WRS ASTM A815 UNS S32760	1	0.2
3	2	E90RSD01650200	90 Deg Elbow Long Radius ASME B16.9 BW 2,77 WRS ASTM A815 UNS S32760	1	0.5
4	2	FLWDSD01250200	Flange WN ASME B16.5 150LB RF 2,77 FRG ASTM A182 Gr.F55 (01)	1	2.8

ERECTION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
5	2	GFL3GK13230200	Gasket Flat Thk. 3 mm ASME B16.21 150LB RF GSK NEOPRENE	1	0.1
6	5/8	SB20BO00990300	110 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized	4	1.1

FABRICATION WEIGHT [kg]	12.0
ERECTION WEIGHT [kg]	1.2
OVERALL WEIGHT [kg]	13.2

WELD SUMMARY

WELD No.	SIZE [inches]	TYPE
W1	2	BW
W2	2	BW
W3	2	BW

CUTTING LIST

PIECE No.	SIZE [inches]	LENGTH [mm]	END PREP.1	END PREP.2
A	2	2112	BEVEL	BEVEL

SUPPORT LIST

PS-01050.1
PS-01051.1

SPOOL	WELD [inches]	WEIGHT [kg]
A	6	11.9
MONT	0	1.2

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
01	17-09-2024	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. 2"-SWR-289-01SD-N

SK.153

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

SCALE: N/A

DRAWN: STAFF SRL | CHECKED: RT | APPROVED: LM | DATE: 17-09-2024

FORMAT: A3 | DRAWING NO.: 123A90-FDL-PP-DI-00153 | SHEET / OF: 1/1 | REV.: 01

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 N	THICKNESS [mm]	DESIGN	PRESS. 3.5 [barg]	TEMP. -29 / 100 [°C]			
HEAT TRACING	N/A		TEST	PRESS. N/A [barg]	TEMP. AMB	MEDIUM N/A		

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