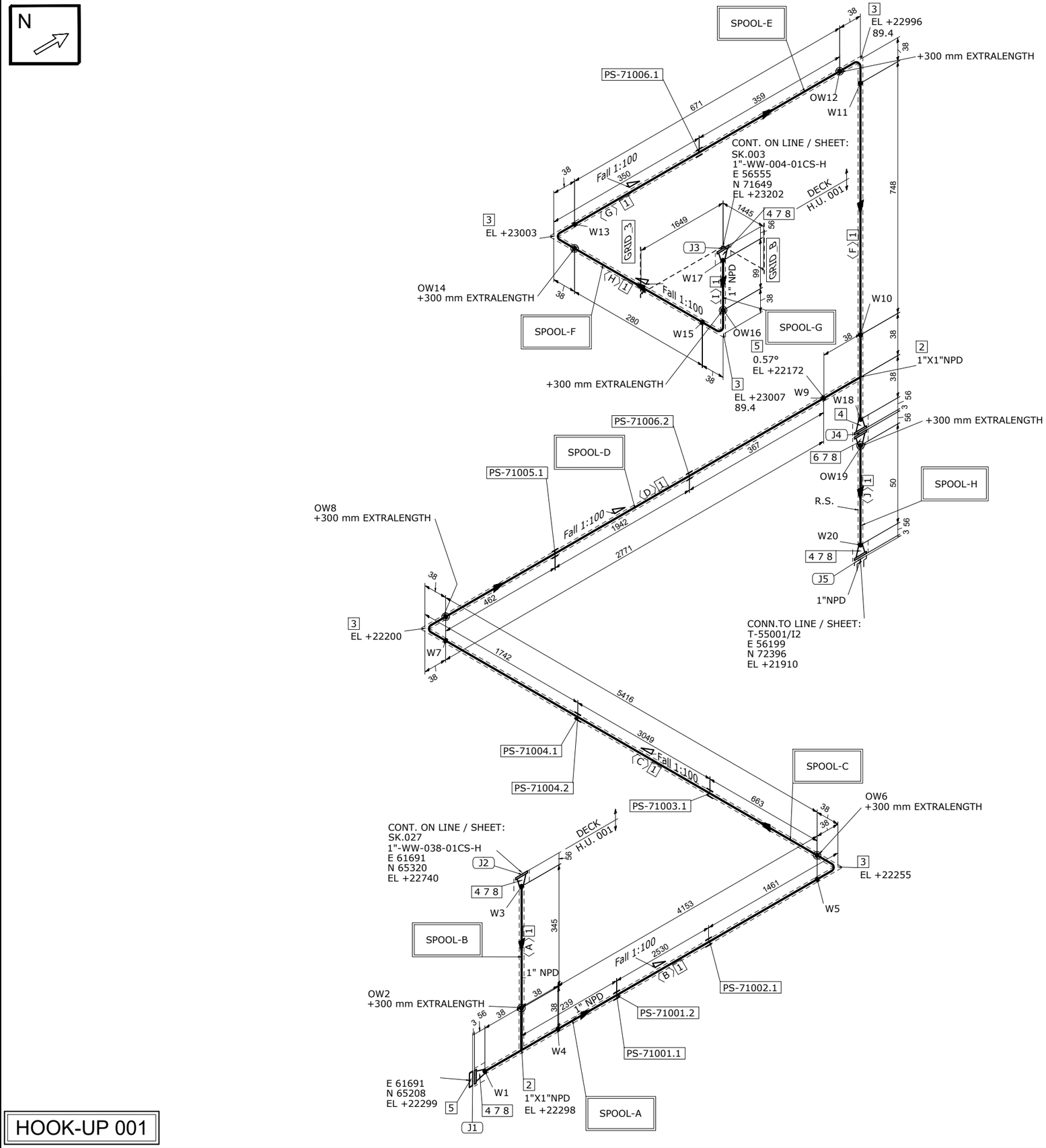


HOOK-UP 001

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	16.6M	52.9
2	1X1	TEE0CS01110100	Tee ASME B16.9 BW 4,55 WRS ASTM/ASME A/SA420 Gr.WPL6	2	0.9
3	1	E90RCS01780100	90 Deg Elbow Long Radius ASME B16.9 BW 4,55 WRS ASTM/ASME A/SA420 Gr.WPL6	5	0.9
4	1	FLW0CS16540100	Flange WN ASME B16.5 150LB RF 4,55 FRG ASTM/ASME A/SA350 Gr.LF2	5	7.0

ERECTION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
5	1	FLB0CS07340100	Flange Blind ASME B16.5 150LB RF FRG ASTM/ASME A/SA350 Gr.LF2	1	1.4
6	1	FLW0CS16540100	Flange WN ASME B16.5 150LB RF 4,55 FRG ASTM/ASME A/SA350 Gr.LF2	1	1.4
7	1	GSW0GK11100100	Gasket Spiral Wound Thk. 3.2 mm ASME B16.20 150LB RF GSK AISI 316 + GRAPHITE c/w INNER RING	5	0.3
8	1/2	SB20BO01080200	65 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized	20	2.4

FABRICATION WEIGHT [kg]	62.7
ERECTION WEIGHT [kg]	5.5
OVERALL WEIGHT [kg]	68.2

WELD SUMMARY

WELD No.	SIZE [inches]	TYPE
W1	1	BW
OW2	1	BW
W3	1	BW
W4	1	BW
W5	1	BW
OW6	1	BW
W7	1	BW
OW8	1	BW
W9	1	BW
W10	1	BW
W11	1	BW
OW12	1	BW
W13	1	BW
OW14	1	BW
W15	1	BW
OW16	1	BW
W17	1	BW
W18	1	BW
OW19	1	BW
W20	1	BW

CUTTING LIST

PIECE No.	SIZE [inches]	LENGTH [mm]	END PREP.1	END PREP.2
A	1	646	SQ.CUT	BEVEL
B	1	4153	BEVEL	BEVEL
C	1	5716	SQ.CUT	BEVEL
D	1	3071	SQ.CUT	BEVEL
F	1	748	BEVEL	BEVEL
G	1	971	BEVEL	SQ.CUT
H	1	580	SQ.CUT	BEVEL
I	1	399	SQ.CUT	BEVEL
J	1	350	BEVEL	SQ.CUT

SUPPORT LIST

PS-71001.1
PS-71001.2
PS-71002.1
PS-71003.1
PS-71004.1
PS-71004.2
PS-71005.1
PS-71006.1

SPOOL	WELD [inches]	WEIGHT [kg]
A	3	15.5
B	1	2.5
C	1	18.7
D	4	14.4
E	1	3.3
F	1	2.1
G	1	2.7
H	1	2.5
MONT	7	6.5

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

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

CROSSWIND

ROSETTI MARINO

TITLE: SHOP DRAWING ISOMETRIC
LINE NR. 1"-WW-081-01CS-H

SK.033

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-00033 | SHEET / OF: 1/1 | REV.: 00