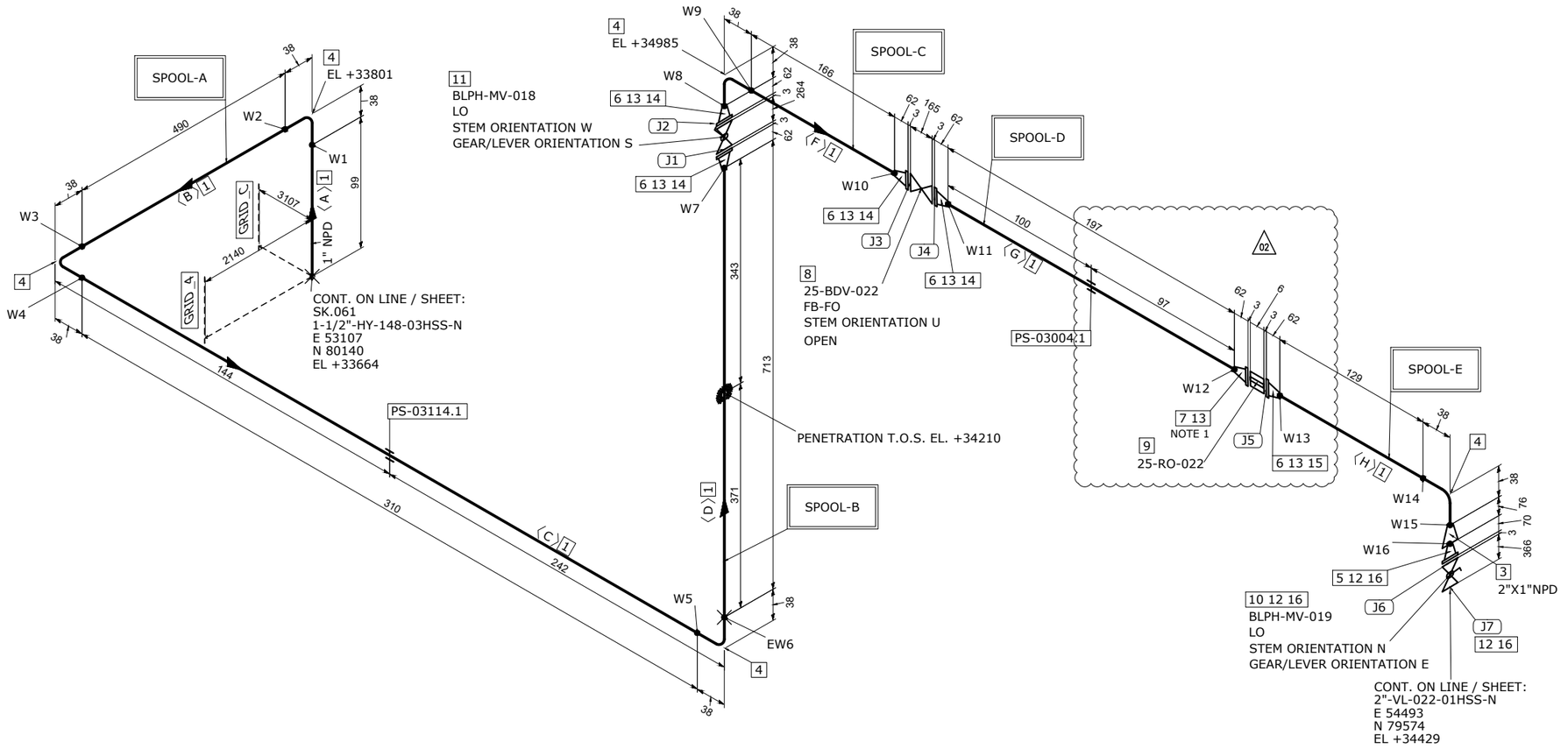


MATERIAL LIST

FABRICATION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
1	1	PIPESS00480100	Pipe ASME B36.19M PE 3,38 SML ASTM A312 Gr.TP316/316L	2.1M	5.3
3	2X1	REC0SS02790201	Reducer Concentric ASME B16.9 BW 2,77x3,38 WRS ASTM A403 Gr.WP316/316L	1	0.3
4	1	E90RSS00670100	90 Deg Elbow Long Radius ASME B16.9 BW 3,38 WRS ASTM A403 Gr.WP316/316L	5	0.7
5	2	FLW0SS00180200	Flange WN ASME B16.5 300LB RF 2,77 FRG ASTM A182 Gr.F316/316L	1	4.2
6	1	FLW0SS03270100	Flange WN ASME B16.5 300LB RF 3,38 FRG ASTM A182 Gr.F316/316L	5	9.2
7	1	FLWDSS00770100	Flange WN For Jackscrews ASME B16.5 300LB RF 3,38 FRG ASTM A182 Gr.F316/316L	1	1.8

ERECTION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
8	1		ON/OFF Ball Actuator Valve - 300#RF Flanged	1	41.0
9	1		Restriction Orifice 300#RF	1	1.0
10	2	VLBBNN07210200	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	1	42.0
11	1	VLBBNN07190100	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	1	13.5
12	2	GSW0GK11230200	Gasket Spiral Wound Thk. 3.2 mm ASME B16.20 300LB RF GSK AISI 316 + GRAPHITE c/w INNER RING	2	0.3
13	1	GSW0GK11210100	Gasket Spiral Wound Thk. 3.2 mm ASME B16.20 300LB RF GSK AISI 316 + GRAPHITE c/w INNER RING	6	0.4
14	5/8	SB20BO01870300	80 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized	16	3.7
15	5/8	SB20BO04190300	90 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized 02	4	1.0
16	5/8	SB20BO04190300	90 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized	16	4.0

FABRICATION WEIGHT [kg]	22.1
ERECTION WEIGHT [kg]	107.0
OVERALL WEIGHT [kg]	129.1

WELD SUMMARY

WELD No.	SIZE [inches]	TYPE
W1	1	BW
W2	1	BW
W3	1	BW
W4	1	BW
W5	1	BW
EW6	1	BW
W7	1	BW
W8	1	BW
W9	1	BW
W10	1	BW
W11	1	BW
W12	1	BW
W13	1	BW
W14	1	BW
W15	1	BW
W16	2	BW

CUTTING LIST

PIECE No.	SIZE [inches]	LENGTH [mm]	END PREP.1	END PREP.2
A	1	100	BEVEL	BEVEL
B	1	490	BEVEL	BEVEL
C	1	310	BEVEL	BEVEL
D	1	713	BEVEL	BEVEL
F	1	166	BEVEL	BEVEL
G	1	02 197	BEVEL	BEVEL
H	1	129	BEVEL	BEVEL

SUPPORT LIST

PS-03114.1
PS-03004.1

SPOOL	WELD [inches]	WEIGHT [kg]
A	5	2.7
B	1	4.2
C	3	4.2
D	2	4.2
E	5	6.8
MONT	1	107.0

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
02	17-09-2024	STAFF SRL	RT	LM	REVISED WHERE INDICATED
01	03-09-2024	STAFF SRL	RT	LM	REVISED WHERE INDICATED
00	30-07-2024	STAFF SRL	RT	LM	ISSUED FOR CONSTRUCTION

CROSSWIND

ROSETTI MARINO

TITLE
SHOP DRAWING ISOMETRIC
LINE NR. 1"-HY-144-03HSS-N

SK.057

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-00057
SHEET / OF: 1/1
REV.: 02

LINE DATA

NDT INSPECTION CATEGORY	1		PED CATEGORY	II				
PAINTING	SYSTEM 6A	BASE RAL RAL 9002	FLUID PHASE	GAS				
INSULATION	TYPE N	THICKNESS [mm]	DESIGN	PRESS. 40 [barg]	TEMP. -29 / 80 [°C]			
HEAT TRACING	--		TEST	PRESS. 60 [barg]	TEMP. AMB	MEDIUM Water		

REFERENCE DOCUMENTS

P&ID	123A90-DDL-PR-PID-80014
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