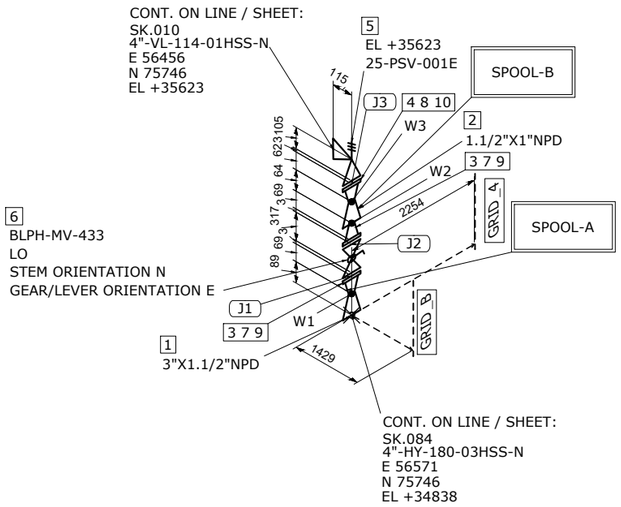




MATERIAL LIST

FABRICATION

POS.	SIZE	SAP CODE	DESCRIPTION	Q.TY	WEIGHT [kg]
1	3X1.1/2	REC0SS0128031H	Reducer Concentric ASME B16.9 BW 3,05x3,68 WRS ASTM A403 Gr.WP316/316L	1	0.5
2	1.1/2X1	REC0SS03191H01	Reducer Concentric ASME B16.9 BW 3,68x3,38 WRS ASTM A403 Gr.WP316/316L	1	0.3
3	1.1/2	FLW0SS03481H00	Flange WN ASME B16.5 300LB RF 3,68 FRG ASTM A182 Gr.F316/316L	2	6.5
4	1	FLW0SS03270100	Flange WN 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]
5	2X1		Pressure Safety Valve FLG.300/150#RF	1	15.0
6	1.1/2	VLBBNN07201H00	Double Block & Bleed Valve API 6D FLG 300LB RF DA03C01RFH	1	40.0
7	1.1/2	GSW0GK11221H00	Gasket Spiral Wound Thk. 3.2 mm ASME B16.20 300LB RF GSK AISI 316 + GRAPHITE c/w INNER RING	2	0.2
8	1	GSW0GK11210100	Gasket Spiral Wound Thk. 3.2 mm ASME B16.20 300LB RF GSK AISI 316 + GRAPHITE c/w INNER RING	1	0.1
9	3/4	SB20BO23540400	95 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized	8	3.1
10	5/8	SB20BO00680300	100 Stud Bolt + 2 Heavy Nuts ASME B1.1 ASTM A193 Gr.B7 - A194 Gr.2H Hot dip galvanized	4	1.0

FABRICATION WEIGHT [kg]	9.1
ERECTION WEIGHT [kg]	59.4
OVERALL WEIGHT [kg]	68.5

WELD SUMMARY

WELD No.	SIZE [inches]	TYPE
W1	1.1/2	BW
W2	1.1/2	BW
W3	1	BW

CUTTING LIST

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

SUPPORT LIST

SPOOL	WELD [inches]	WEIGHT [kg]
A	1.5	3.7
B	2.5	5.3
MONT	0	59.4

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
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. 1-1/2"-HY-179-03HSS-N

SK.083

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

SCALE: N/A

DRAWN: STAFF SRL | CHECKED: RT | APPROVED: LM | DATE: 03-09-2024

FORMAT: A3 | DRAWING NO.: 123A90-FDL-PP-DI-00083 | SHEET / OF: 1/1 | REV.: 01

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-80019
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