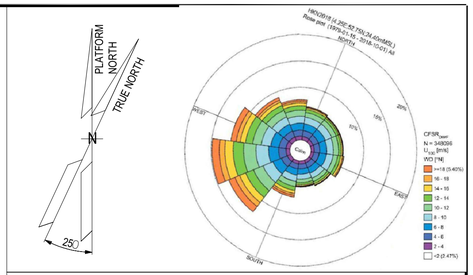
DRAWING NO. 1724000049-HV-PID-00040

REV. 4

BASE LOAD POWER HUB (BLPH)
B-200 LV SWITCH ROOM
P&ID HVAC System



NOTES

LEGEND

HOLDS

1	NO COMMENTS - APPROVED - WORK MAY PROCEED
2	MINOR COMMENTS - REVISE AND RESUBMIT - WORK MAY PROCEED
3	MAJOR COMMENTS – REJECTED – DO NOT PROCEED
4	APPROVAL NOT REQUIRED

NOTE: Approval doesn't relieve the supplier from mandatory compliance with contractual documents and specifications. Comments made do not imply acceptance of any cost or delivery impact.

Sign	Date
L. Caviglia	10/02/2025

ALEXSISTEMI spa

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
4	06/02/25	S.Z.	S.S.	M.G.	ISSUE FOR INFORMATION (IFI)
3	03/12/24	S.Z.	S.S.	M.G.	ISSUE FOR INFORMATION (IFI)
2	29/10/24	S.Z.	S.S.	M.G.	ISSUE FOR INFORMATION (IFI)
1	09/07/24	S.Z.	S.S.	M.G.	ISSUE FOR INFORMATION (IFI)
0	10/06/24	S.Z.	S.S.	M.G.	ISSUE FOR INFORMATION (IFI)

CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
B-200 LV SWITCH ROOM
P&ID HVAC System

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK			SCALE 1 : 1
DRAWN G.M.	CHECKED A.O.	APPROVED A.C.	DATE 27/01/25
A1	DRAWING NO. 1724000049-HV-PID-00040	SHEET 001	REV. 4

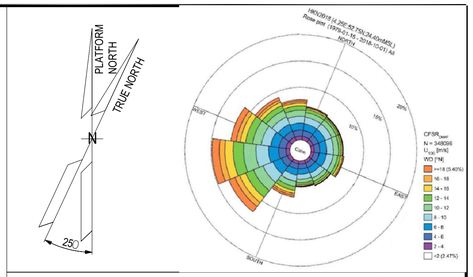
File Name : 1724000049-HV-PID-00040

DRAWING NO. 1724000049-HV-PID-00040

REV. 4

REV.	SHEET NUMBER	DESCRIPTION	REF. CODE
04	001	FRONT PAGE	IFI
04	002	SUMMARY and GENERAL NOTES	IFI
04	003	P&ID HVAC System	IFI

GENERAL NOTES



NOTES

LEGEND

HOLDS

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
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0	10/06/24	S.Z.	S.S.	M.G.	ISSUE FOR INFORMATION (IFI)

ALEXSISTEMI spa

CROSSWIND

ROSETTI MARINO

TITLE :
BASE LOAD POWER HUB (BLPH)
B-200 LV SWITCH ROOM
P&ID HVAC System

CONTRACT NO./TITLE CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK			SCALE 1 : 1
DRAWN G.M.	CHECKED A.O.	APPROVED A.C.	DATE 27/01/25
A1	DRAWING NO. 1724000049-HV-PID-00040	SHEET 002	REV. 4

File Name : 1724000049-HV-PID-00040

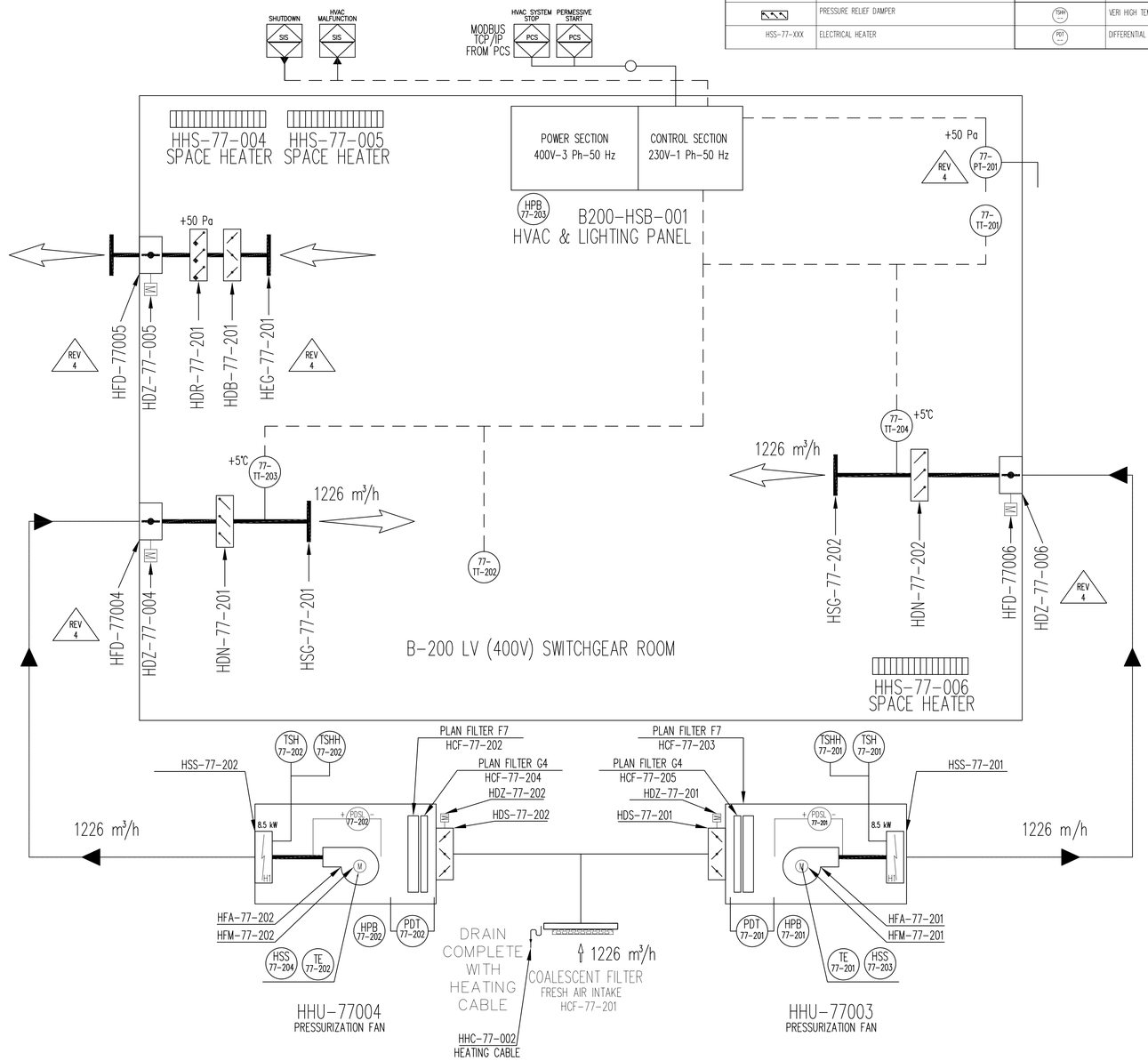
DRAWING NO. 1724000049-HV-PID-00040

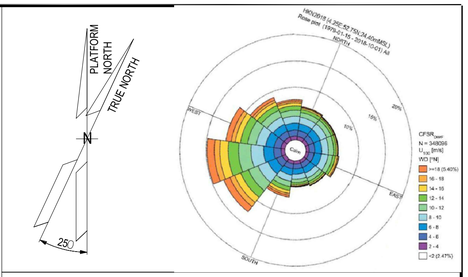
REV. 4

ITEM	HVAC-PRESSURISING FAN
DESCRIPTION	HVAC UNIT
MAKER	FRIGOTERMICA srl
MODEL	4112-DMPD-300
SUPPLY AIR FLOW	1226 mc/h
COOLING COIL CAPACITY	N.A.
HEATING COIL CAPACITY	8.5 kW
TENSIONE	400 V - 50 Hz - 3 Ph+N
EXECUTION	SAFE AREA
REFRIGERANT	N.A.

LEGEND

	MOTORISED DAMPER WITH SPRING RETURN	F1	AIR FILTER "G4"		MOTORISED FIRE DAMPER WITH SPRING RETURN
	REGULATION DAMPER	F2	BAG FILTER "F8"		EVAPORATING COIL
	OVERPRESSURE DAMPER		CONDENSING COIL		LIQUID RECEIVER
DPSH	DIFFERENTIAL PRESSURE SWITCH HIGH PRESSURE		CONDENSING FAN	MT	MOISTURE TRASMITTER
DPSL	DIFFERENTIAL PRESSURE SWITCH LOW PRESSURE		HEATING COIL	PTH	HIG PRESSURE TRASDUCER
TT	TEMPERATURE TRASMITTER		SUPPLY FAN	TP	COMPRESSOR THERMIC PROTECTION
MPB	EMERGENCY PUSH BUTTON		GLOBE VALVE	TSH	HIGH TEMPERATURE SECURITY THERMOSTATE
CH	COMPRESSOR OIL HEATER		DRYER FILTER	PSH	HIGH PRESSURE SWITCH
SV	SOLENOID VALVE		SIGHT GLASS	PS	LOW PRESSURE SWITCH
	REFRIGERANT COMPRESSOR		THERMOSTATIC VALVE	PC	CONDENSING PRESSURE SWITCH
	PRESSURE RELIEF DAMPER		PRESSURE RELIEF VALVE		SPACE HEATER
HSS-77-XXX	ELECTRICAL HEATER	TSHH	VERI HIGH TEMPERATURE SECURITY THERMOSTATE	TP	DIFFERENTIAL PRESSURE TRANSMITTER
		PDT	DIFFERENTIAL PRESSURE SWITCH FOR FILTER	HHC-77-XXX	HEATING CABLE





NOTES

OUTDOOR DESIGN CONDITIONS

Safe Area
Min. design DB Temp: -8.4°C with RH 100 %
Max. design DB Temp: +25°C with RH 90 %

Module B200 LV Switchroom

Safe Area
Indoor min. design temperature: +5°C with RH 30 ÷ 70%
Indor max. design temperature: +35°C with RH 30 ÷ 70%
Min. ACH: 6

NOTES:

- HVAC POWER CABINET will energize what above shown.
- HVAC CONTROL CABINET will control all what above shown.
- HVAC POWER CABINET will energize light and socket.
- Outside drainage system shall be provided of heatng cable with anti-freeze funcion to avoid ice inside pipes when outside temeprature reaches values close to 0°C.
- Outdoor air ductworks in stainless steel AISI 316

LEGEND

HOLDS

ALEXSISTEMI spa

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CROSSWIND

ROSETTI MARINO

TITLE : BASE LOAD POWER HUB (BLPH)
B-200 LV SWITCHROOM
P&ID HVAC System

CONTRACT NO./TITLE	CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK			SCALE 1 : 1
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A1	DRAWING NO. 1724000049-HV-PID-00040		SHEET 003	REV. 4

File Name : 1724000049-HV-PID-00040