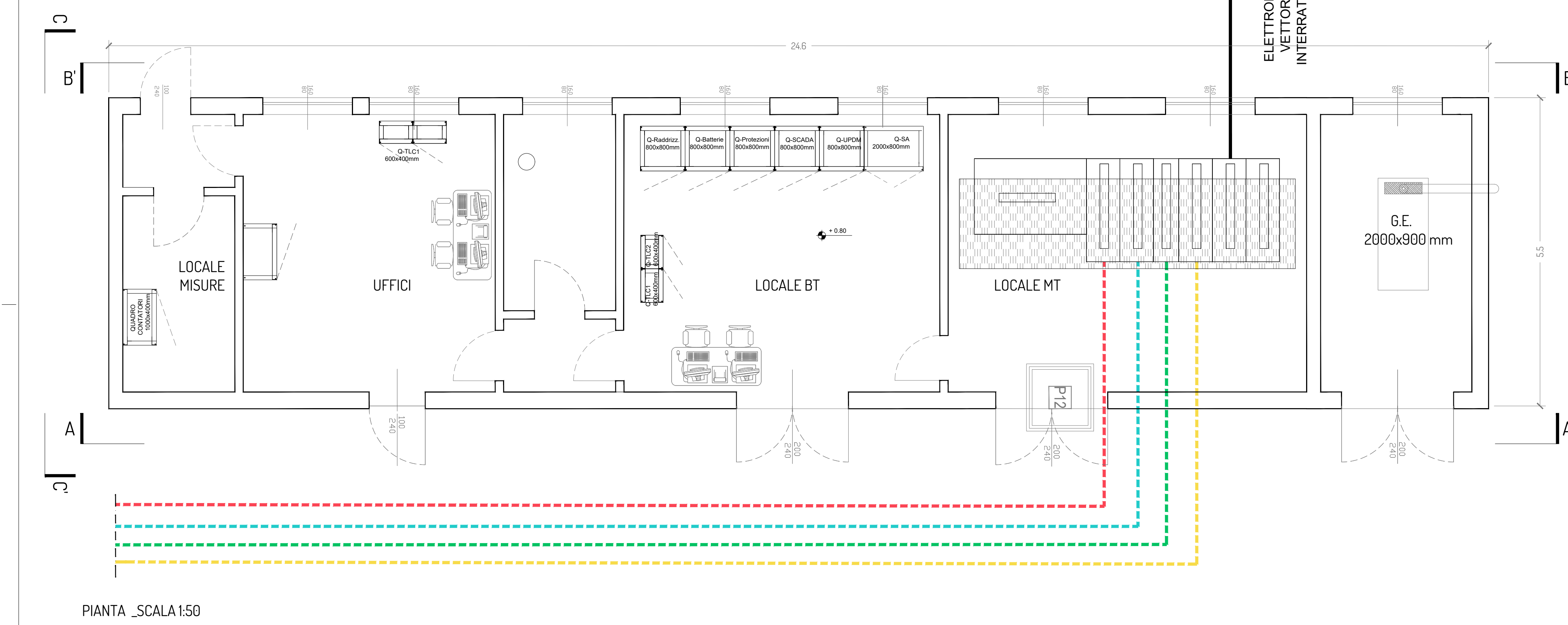
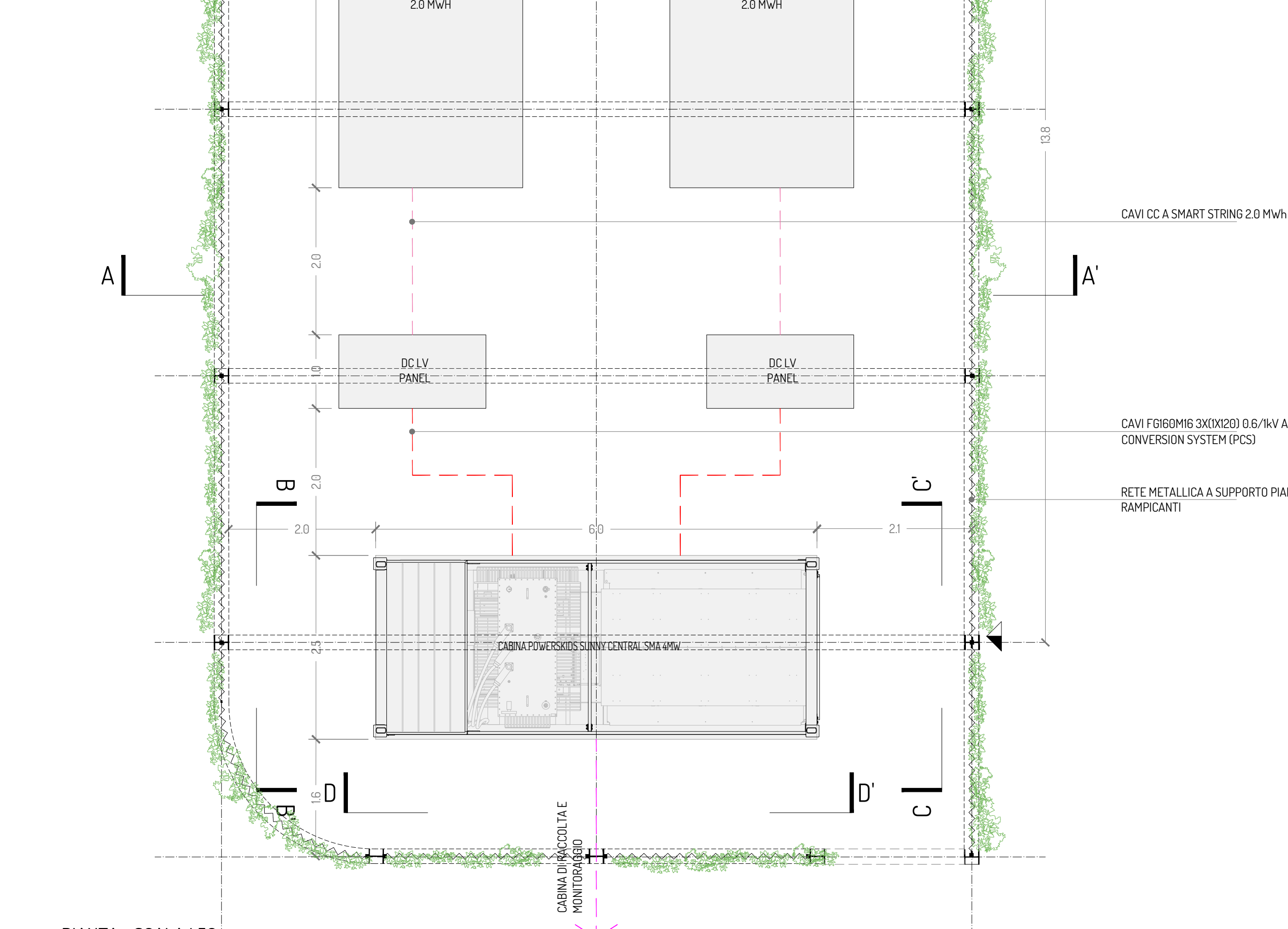


# CABINA DI RACCOLTA E MONITORAGGIO

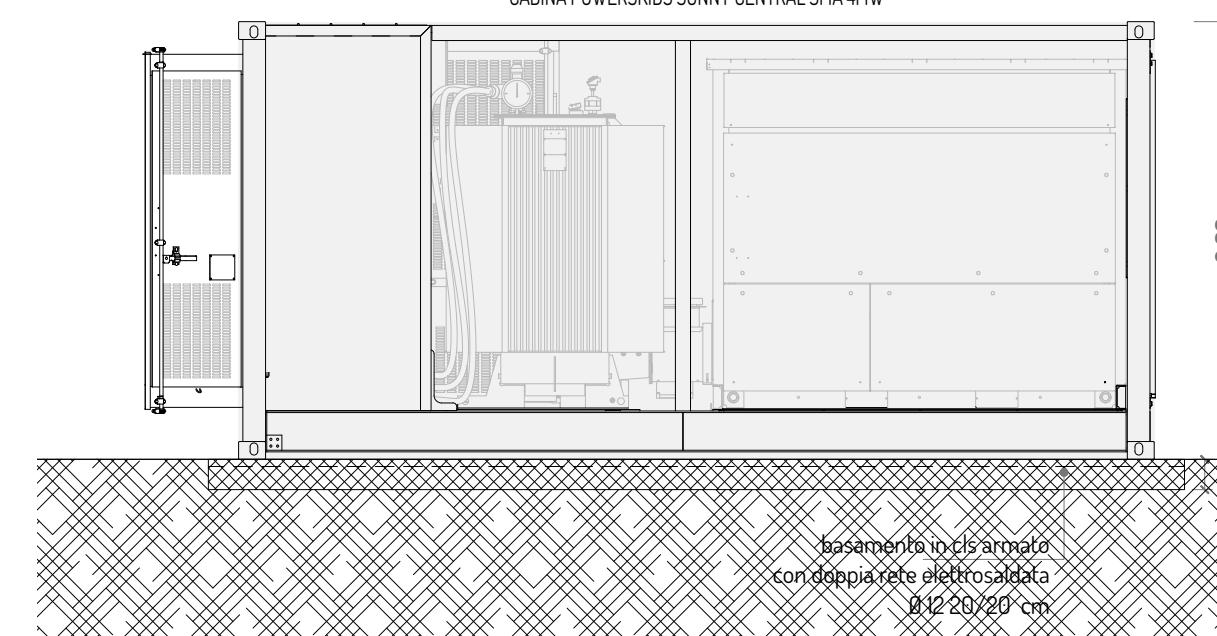
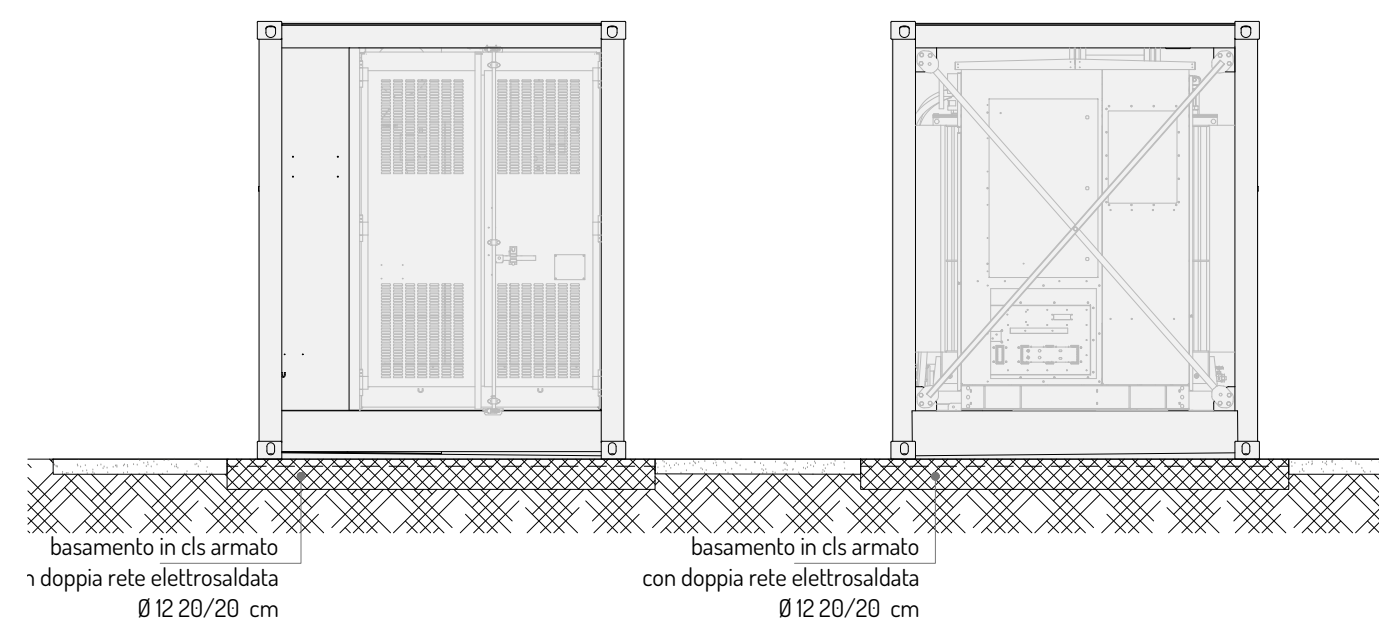
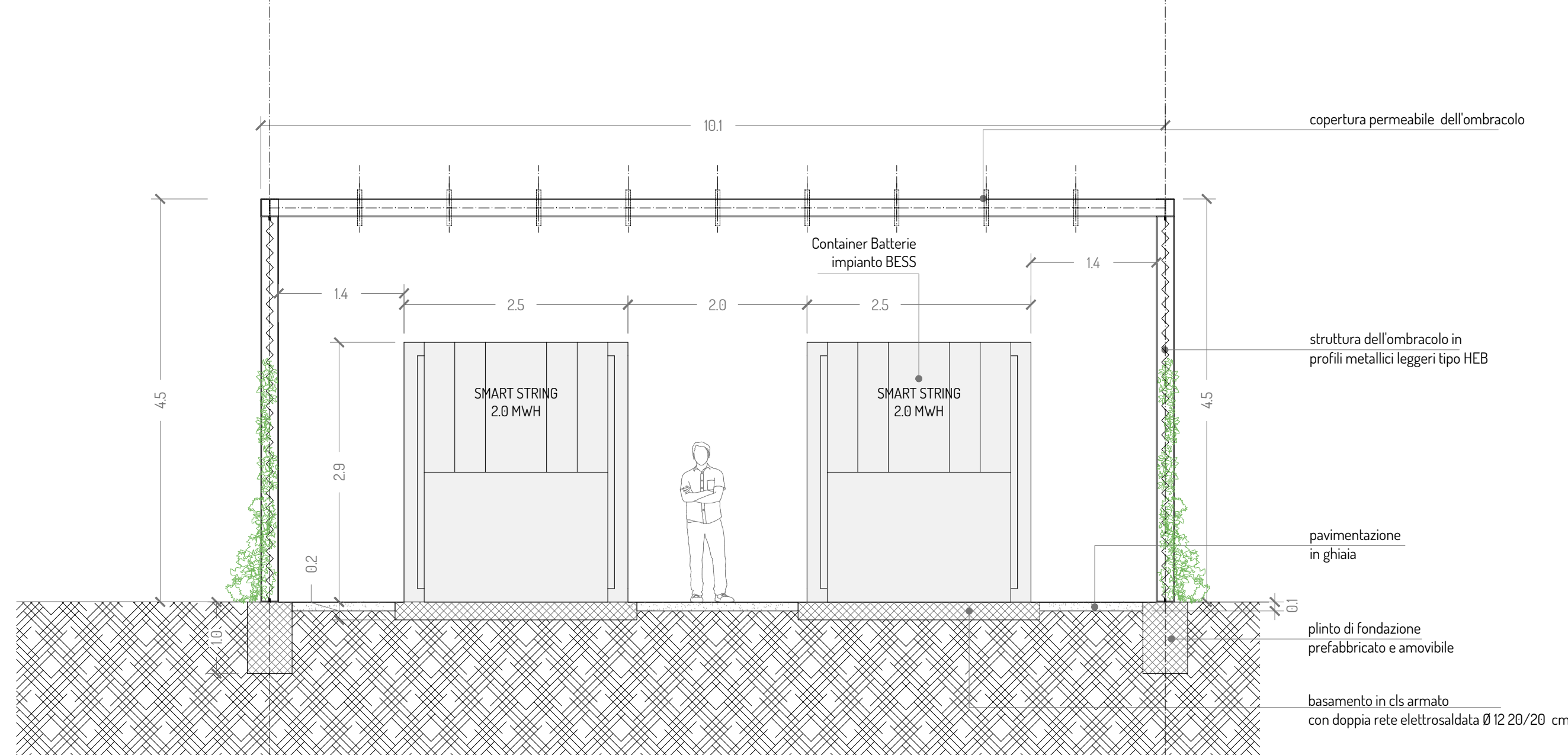
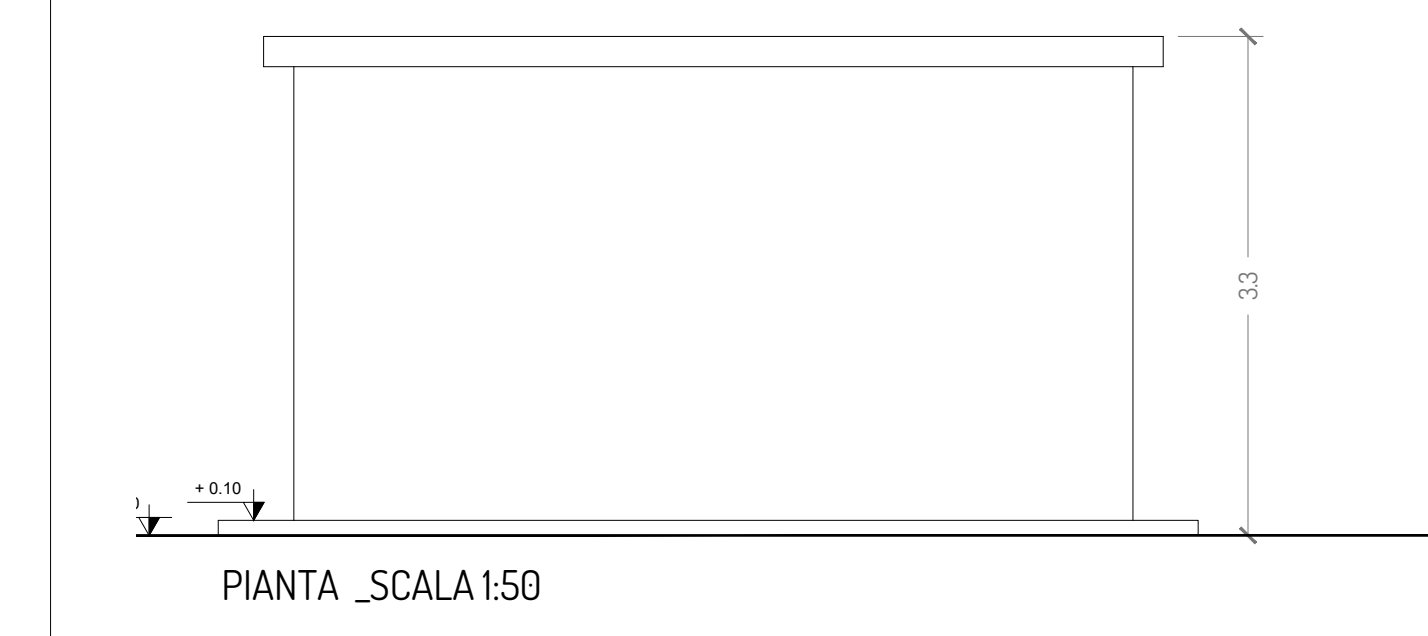
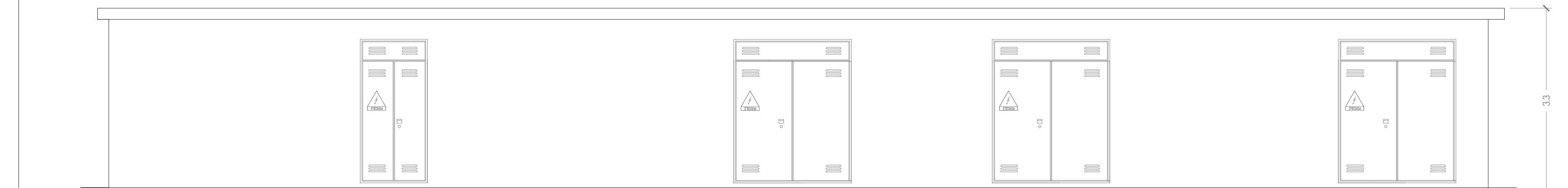
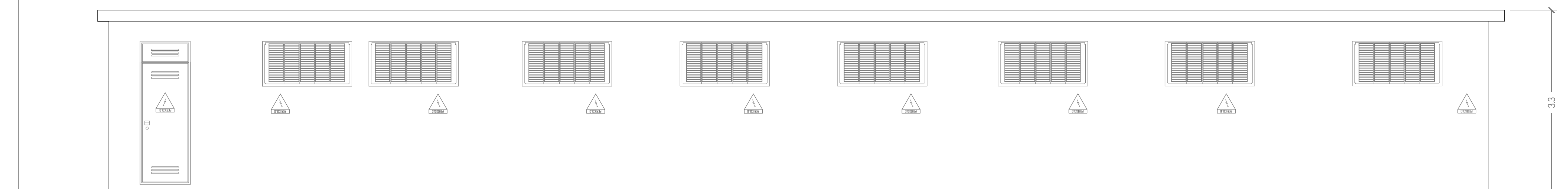
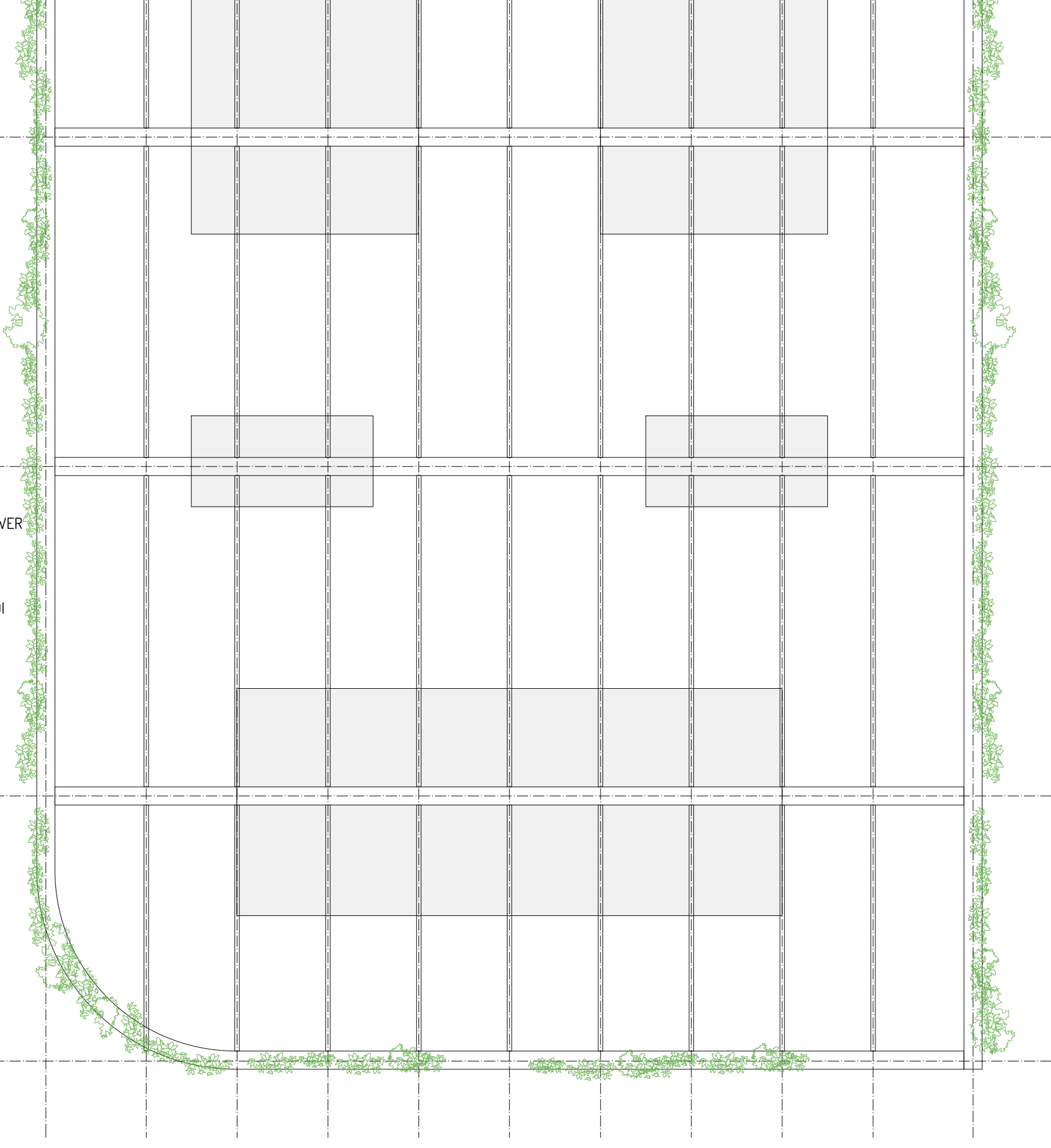


PIANTA \_SCALA 1:50

# SISTEMA BESS



PIANTA \_SCALA 1:50



## Schede tecniche dei componenti di impianto BESS

**LUNA2000-200KTL-HD Technical Specifications**

Area	Parameter	Value
Electrical	Max. Input Voltage	1500 V
	Max. Output Voltage	1500 V
	Max. Output Current for Battery Pack Size	101 A
	Max. Output Current for DC Bus	101 A
	Max. Output Current for AC Bus	101 A
Protection	DC Overcurrent Protection	Yes
	DC Short Circuit Protection	Yes
	AC Short Circuit Protection	Yes
	AC Overcurrent Protection	Yes
	AC Ground Fault Protection	Yes
General	Max. Operating Altitude	4000 m
	Max. Operating Temperature	-40°C ~ 40°C
	Max. Humidity	0 ~ 100%
	Max. Seismicity	0.2g
	Max. Wind Speed	150 km/h

**Battery Pack**

Model	LUNA2000-2.0MWH-1HD	LUNA2000-2.0MWH-2H1
Cell Material	LFP	LFP
Pack Configuration	16S 1P	16S 1P
Rated Voltage	51.2 V	51.2 V
Nominal Capacity	320 Ah / 16.38 kWh	280 Ah / 14.13 kWh
Supported Charge & Discharge Rate	≤ 1 C	≤ 0.5 C
Weight	≤ 140 kg	≤ 140 kg
Dimensions (W x H x D)	442 x 307 x 660 mm	442 x 307 x 660 mm



**Battery Container**

Model	LUNA2000-2.0MWH-1HD	LUNA2000-2.0MWH-2H1
DC Rated Voltage	1500 V	1500 V
DC Max. Voltage	1500 V	1500 V
Max. Output Current	200 A/400 kWh	200 A/400 kWh
Rated Power	100 kW / 3	100 kW / 3
DC Bus Voltage	512V / 512V / 512V	512V / 512V / 512V
DC Bus Current	100 A / 100 A / 100 A	100 A / 100 A / 100 A
DC Bus Power	150 kW / 150 kW / 150 kW	150 kW / 150 kW / 150 kW
DC Bus Voltage Fluctuation	± 0.5%	± 0.5%
DC Bus Current Fluctuation	± 0.5%	± 0.5%
DC Bus Power Fluctuation	± 0.5%	± 0.5%
DC Bus Voltage Protection	Yes	Yes
DC Bus Current Protection	Yes	Yes
DC Bus Power Protection	Yes	Yes
DC Bus Voltage Protection	Yes	Yes
DC Bus Current Protection	Yes	Yes
DC Bus Power Protection	Yes	Yes
DC Bus Voltage Protection	Yes	Yes
DC Bus Current Protection	Yes	Yes
DC Bus Power Protection	Yes	Yes

**hope group**  
SANTA LUCIA

PROGETTO PER LA REALIZZAZIONE DI UN NUOVO IMPIANTO AGRIVOLTAICO E DELLE RELATIVE OPERE DI CONNESSIONE ALLA RTN  
LOCALITÀ MASSERIA BARONI  
COMUNE DI PRESICCE ACQUARICA (LE)  
DENOMINAZIONE IMPIANTO - PVA003 ACQUARICA MASSERIA BARONI  
POTENZA NOMINALE 24.0 MW

**PROGETTO DEFINITIVO - SIA**

PROGETTAZIONE E SIA  
HOPE engineering  
Ing. Fabio PACCARLO  
Ing. Andrea ANGELELLI  
Arch. Andrea GILFERRA  
Arch. Gaetano FORNARELLI  
dott.ssa Annalisa AGNOLI

Studio AIAM  
Arch. Fabrizio SPANO  
Arch. Valterio RUBICCH  
Arch. Susanna TORO

PROGETTAZIONE DEGLI IMPIANTI ELETTRICI  
Ing. Roberto DI MONTE

AGRONOMIA E STUDI COLTURALI  
dott. Donato SAFANO

STUDI SPECIALISTICI E AMBIENTALI  
MICROCLIMATICA  
dott.ssa Elga GIATTO  
ARCHITETTURA  
dott. Cristian NAPOLIANO  
GEOLOGIA  
dott.ssa Sabina SCARANOZZI  
ACUSTICA

COLLABORAZIONE SCIENTIFICA  
UNIVERSITÀ CATTOLICA DEL SACRO CUORE  
OPERAZIONE DI INDIRIZZO DELLE PROVAZIONI VENTILAZIONE  
dott. Stefano ANAGNOLICI

