

PHOTOVOLTAIC PANELS:

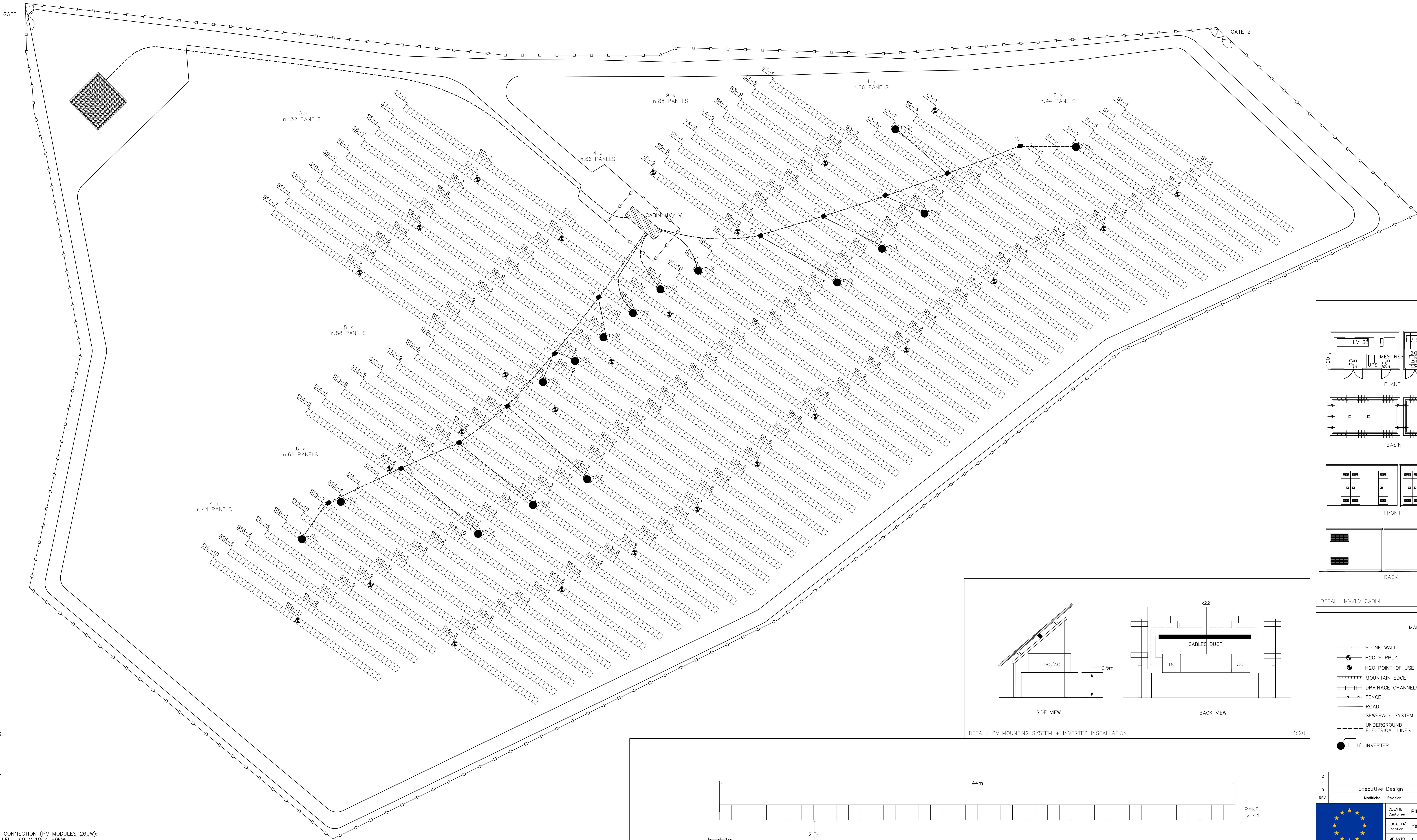
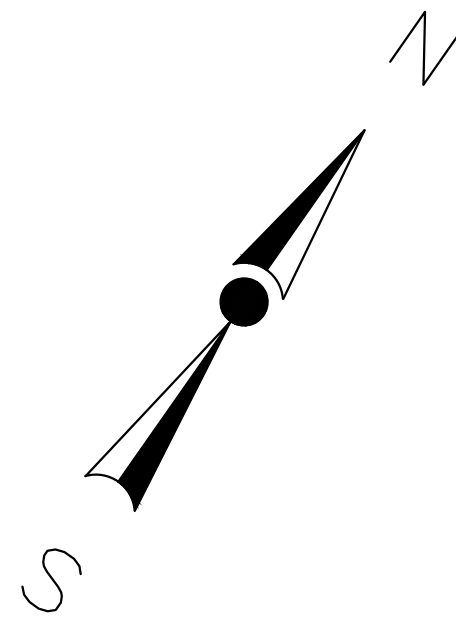
MULTI CRYSTALLINE PHOTOVOLTAIC MODULES:

-	NOMINAL POWER	260	W
-	MODULE EFFICIENCY	16,1	%
-	NOMINAL VOLTAGE	31,2	V
-	NOMINAL CURRENT	8,34	A
-	DIMENSIONS	1639x983x40	mm
-	WEIGHT	18,5	kg
-	NOCT	46±2%	

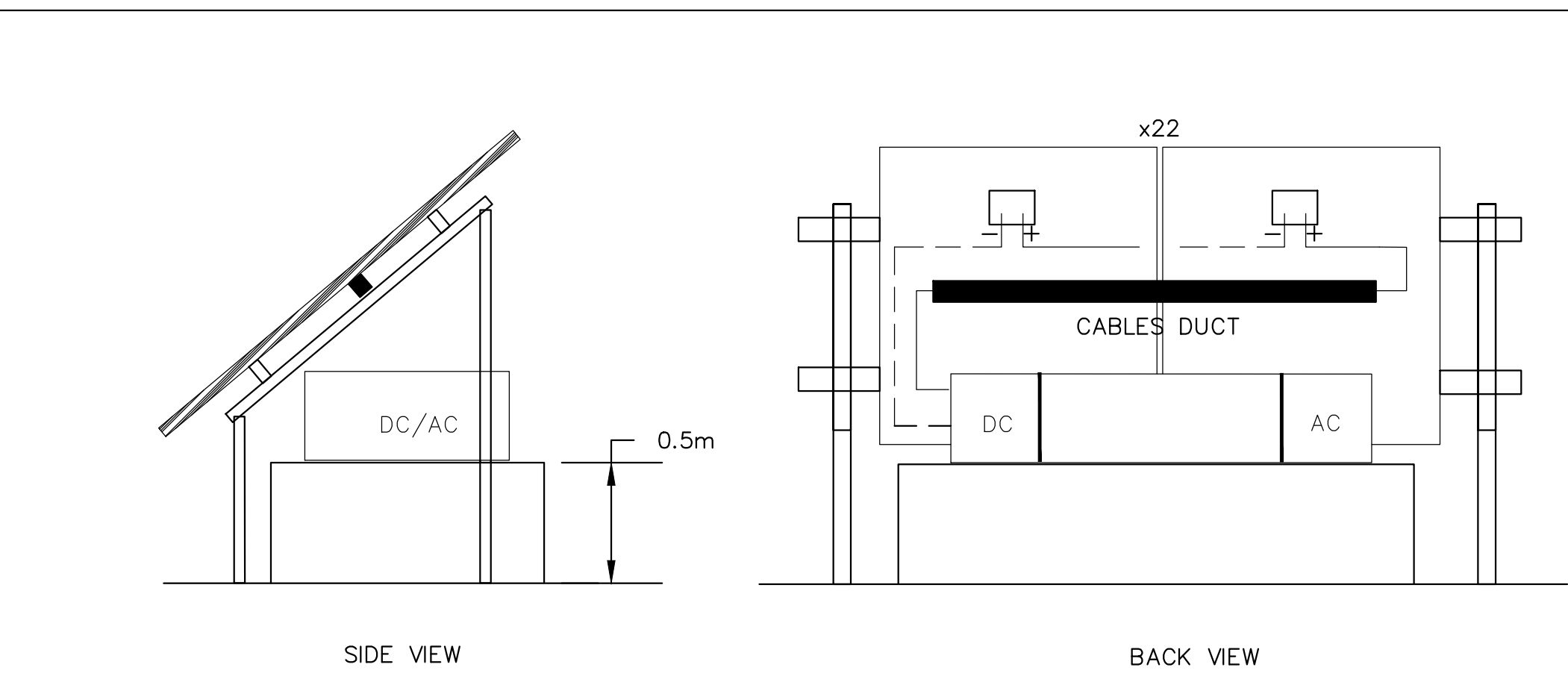
SPP MAIN CHARACTERISTICS:

-	STRINGS WITH n.22 MODULES IN SERIAL CONNECTION (PV MODULES 260W):	
-	ARRAY TYPE 1: n.12 STRINGS IN PARALLEL	690V 100A 69kW;
-	n.14 ARRAYS CONNECTED TO INVERTER	60kW
-	ARRAY TYPE 2: n.11 STRINGS IN PARALLEL	690V 92A 63,4kW;
-	n.2 ARRAYS CONNECTED TO INVERTER	60kW
-	TOTAL DC POWER	1.087kW
-	TOTAL AC POWER	960kW
-	TOTAL NUMBER OF PV PANELS	n: 4180
-	TOTAL NUMBER OF INVERTERS	n: 16
-	C/AC RATIO	112%
-	TOTAL NUMBER OF INVERTERS	n: 2

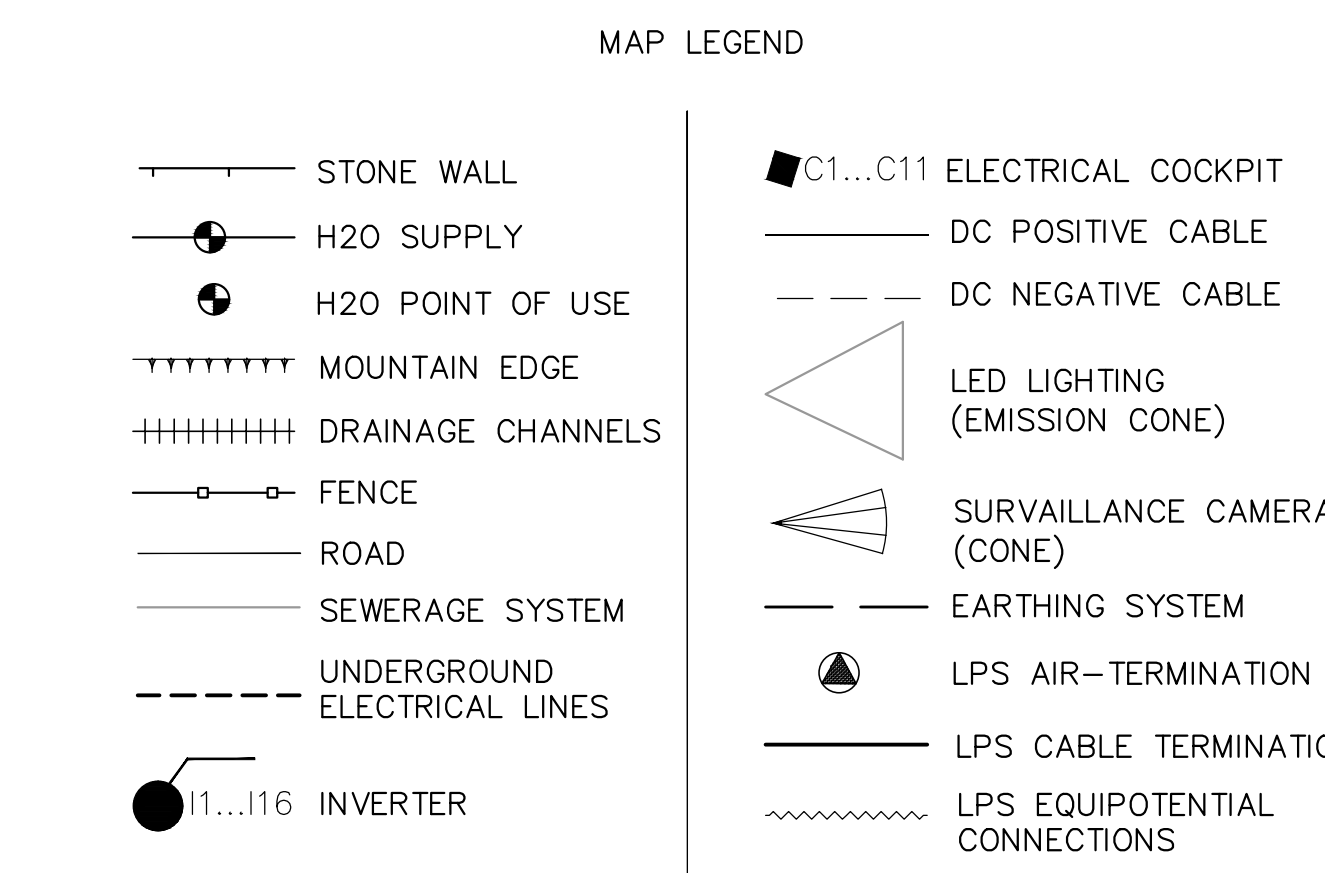
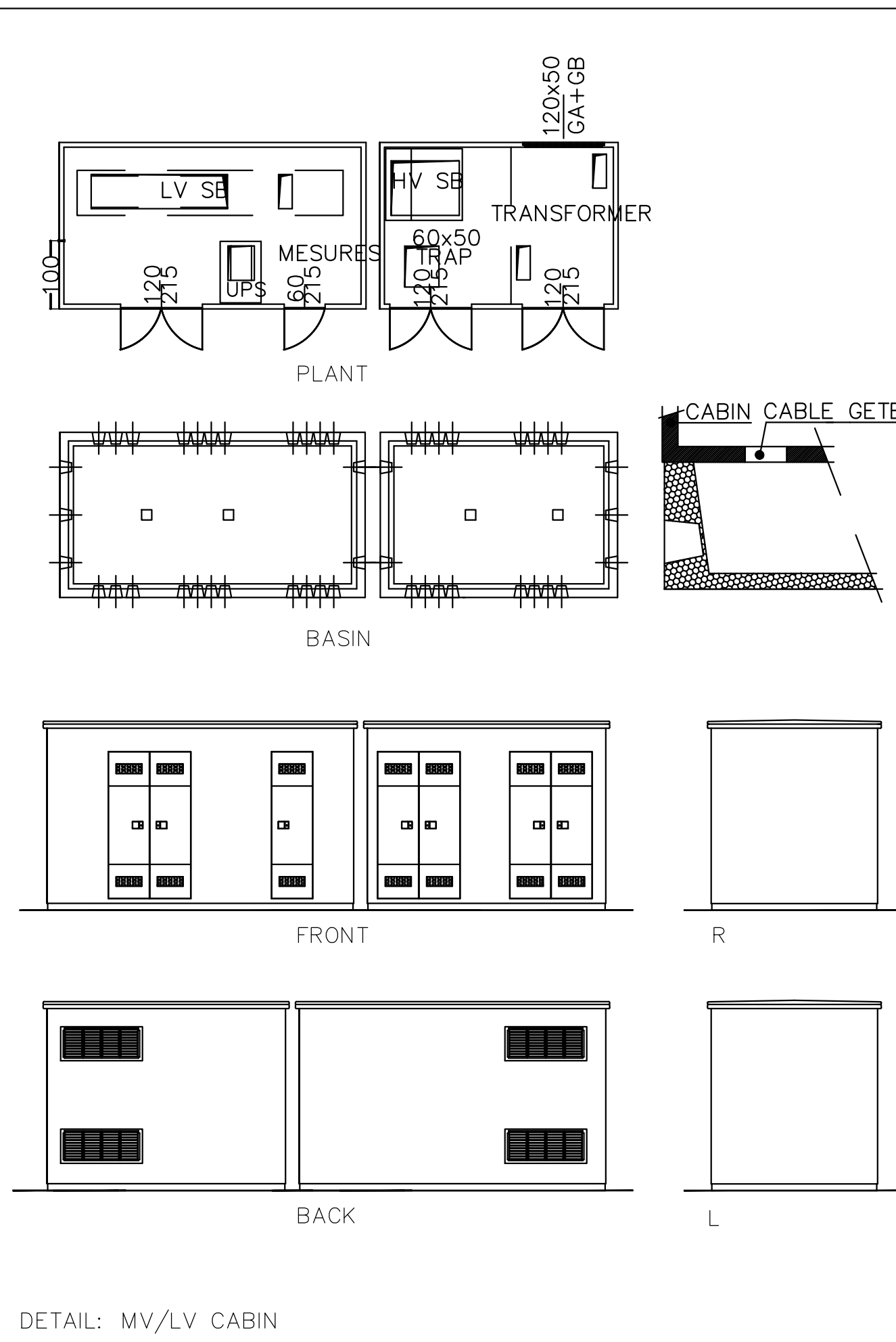
Proprietà del disegno / Drawing property: Ing. Paolo Toddei Pardelli



DETAIL: PV PANELS



DETAIL: PV MOUNTING SYSTEM + INVERTER INSTALLATION



2					
1					
0	Executive Design	26/10/2017			
REV.	Modifiche - Revision	DATA Date	DISEG.Draw.	VERIF.Verif.d	APPR.App.d
CLIENTE Customer PIN s.c.r.l. - Polo Universitario città di Prato					
LOCALITA' Location Yeghegnadzor - Armenia					
IMPIANTO Plant 1 MW Photovoltaic System					
Ing. Paolo Toddei Pardelli, Viale Manfredi Fanti 217 - 50137 Firenze - Italy www.studiotoddeipardelli.com - paolo.toddei@campodimare.eu					
TITOLO - Title	DIS. N. SPP 02	Dis. n.			
SOLAR POWER PLANT	F.TO Size AO	COMM. - Job			
SCALE 1:250	REV. 0	SHEET 1/1			