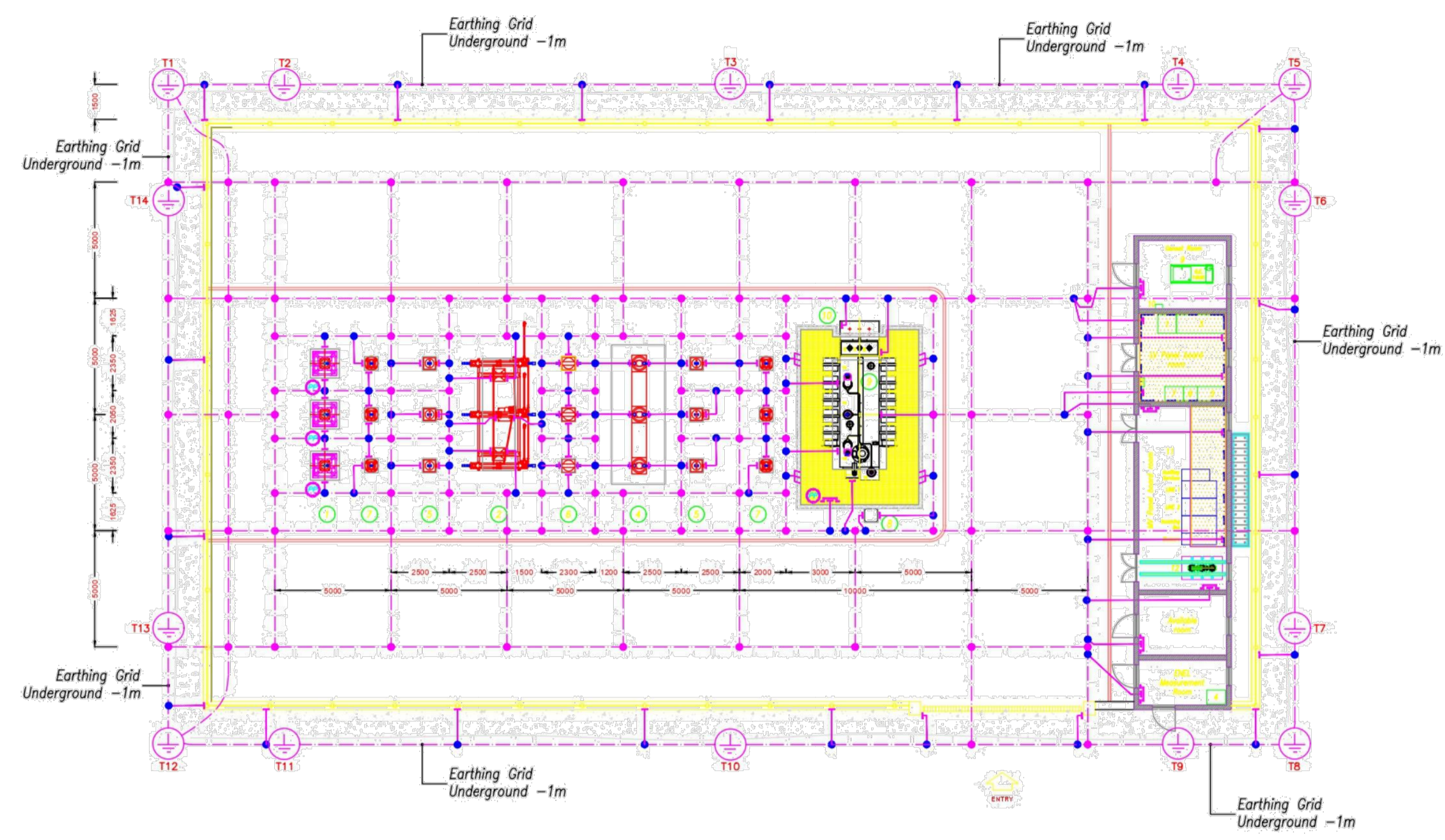


MV and LV EQUIPMENT LEGEND	
1	Supervision panel board "P01"
2	Pc + scada desk
3	Measurement panel board "QME"
4	Rectifier Battery and panel board
5	CC Auxiliary services panel board "QSACC"
6	A.C. auxiliary services panel board "QSAC"
7	Fire detection panel board "QRI"
8	Genset 14kVA "GE"
9	Genset control panel board "QGE"
10	MV Switchgear 20kV-1250A-16kA "QMT"
11	Auxiliary Transformer TSA

**NOTES**  
 Impianti tecnologici di cabina a cura Impresa Civile: condizionamento, anti-intrusione, rilevazione incendi, illuminazione interna ed esterna /  
 Technical Installation of cabinet by Civil Company : air conditioning, intrusion detection, Fire detection, interior and outdoor lighting

HV EQUIPMENT LEGEND	
1	HV Cable terminal
2	Disconnecting switch with grounding blades
3	Box for secondary Inductive voltage transformer
4	Circuit breaker
5	Inductive voltage transformer
6	Current transformer
7	Surge Arrester for Transformer HV/MV EXLIM Q144-EH170
8	Support structure for neutral transformer earthing system
9	Power transformer ONAN/ONAF 18/20MVA 150/20kV YNd11
10	MV Cable terminal



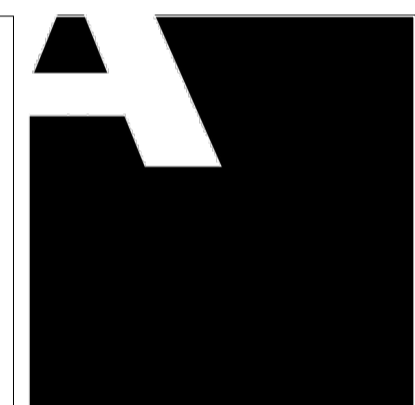
Qty	LEGEND
550 mt	Bare Copper Conductor sez. 70mmq UNI 5469-71 lay underground level from -0.6m to -0.8m to plane
100	Built Ground connection to Terminal Copper Compression "CRIMPIT" 70-70
81	Built Ground connection to Terminal Copper Compression "CRIMPIT" 70-120
76	Bare Copper Conductor sez. 120mmq UNI 5469-71 for connection metallic structure and electrical equipment N.B: For grounding Voltage Transformer points of connection are four (4)
21 mt	Copper Collector dim. 30x3mm look on under floating floor to wall into technical room for connection electrical equipment & foundation plinth
4	Connection Metallic structure, outward equipment with bare copper conductor sez. 70mmq N.B: The connections of foundation plinth are not visible: everyone of this is single connection to ground, with a conductor
6	Copper Bus-bar B7H for various connection, 6 x 80 x 200 mm
14	Fe-Cu Vertical pile dispersion total length 6m # 20/25mm type Coppercoat or equivalent
4	Spherical Connection for equipment

**STUDIO ALCHEMIST**  
 Ing. Stefano Floris - Arch. Cinzia Nieddu

Via Isola San Pietro 3 - 09126 Cagliari (CA)  
 Via Semplicio Spano 10 - 07026 Olbia (OT)

stefano.floris@studioalchemist.it  
 cinzia.nieddu@studioalchemist.it

www.studioalchemist.it



**COMUNE DI UTA E ASSEMINI**

OGGETTO  
 REALIZZAZIONE DI IMPIANTO FOTOVOLTAICO A TERRA 25000 kWp CON SISTEMA DI ACCUMULO - TIPO A INSEGUIMENTO MONOASSIALE

COMMITTENTE  
 ENERGIAC3 SRL  
 VIA SIMPLICIO SPANO 10, 07026 OLBIA (SS)

**PROGETTO DEFINITIVO**

ELABORATO  
 DETTAGLIO COSTRUTTIVO - FONDAZIONE SOTTOSTAZIONE

NUMERO ELABORATO  
**AU 18**  
 SCALA: VARIE  
 DATA: DICEMBRE 2021

3	Terza emissione			
2	Seconda emissione			
1	Prima emissione	Arch. Valentina Madeddu	Arch. Chiara Martis	Ing. S. Floris
REV.	DATA	DESCRIZIONE	REDATTO	CONTROLLATO
				APPROVATO

CODICE COMMESSA	NOME FILE	DEF	IMPIANTI	00
		FASE PROGETTUALE	CATEGORIA	REV.
STUDIO ALCHEMIST: Ing. Stefano Floris Arch. Cinzia Nieddu		PROGETTISTA - TIMBRO E FIRMA		PROGETTISTA - TIMBRO E FIRMA
COLLABORATORI: Arch. Chiara Martis Arch. Valentina Madeddu Arch. Elena Porcu Ing. Carlo Casula Arch. Luigi Mereu Geol. Mario Strinna Geom. Alberto Barroccu		ORDINE INGEGNERI PROVINCIA DI CAGLIARI Dott. Ing. STEFANO FLORIS N. 5777		

