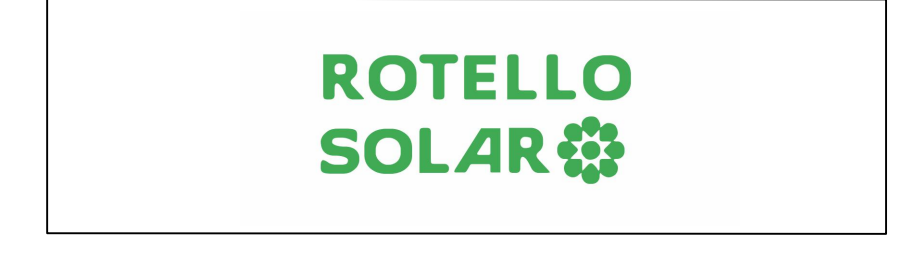
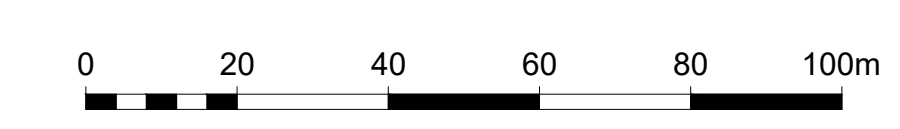


- NOTE**
- TUTTE LE DIMENSIONI SONO ESPRESSE IN m SALVO DOVE DIVERSAMENTE SPECIFICATO
  - TUTTE LE QUOTE ALTIMETRICHE SONO ESPRESSE IN m l.m.m.
  - TUTTE LE COORDINATE SONO RIFERITE AL SISTEMA UTM-WGS84 ZONA 33N

Montante	Profilo	Materiale	Infissione [m]	Unità	
Zone I C Central Post	1R_EXT	HEA 180	S355	4.50	<b>196</b>
Zone I C Lateral Post	1R_EXT	IPEA 220	S355	4.20	<b>784</b>

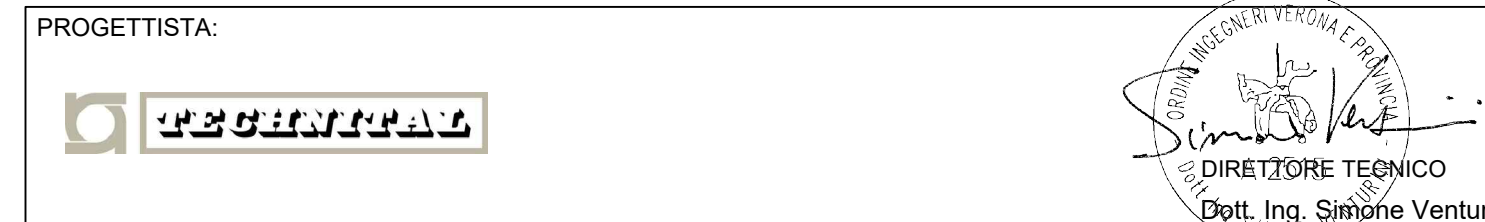
**DATI IMPIANTO**

pitch [m]	11
potenza modulo [W]	685
Tracker da 28 moduli	178
Tracker da 26 moduli	18
Pot. totale [kW]	3734.62
Pot Inverter [kVA]	330.00
Numero inverter	10
Potenza AC [kW]	3300
Potenza apparente 30° [kVA]	3520



**PROGETTO DEFINITIVO**

COMMITTENTE: ROTELLO SOLAR s.r.l.



TITOLO ELABORATO: **PARTICOLARI COSTRUTTIVI TRACKERS - FONDAZIONI ZONA EST - LOTTO 9**

ELABORATO N°: B020F-D-R009-GEN-TP-09  
 NOME FILE: B020F-D-R009-GEN-TP-09-00.DWG  
 SCALA: 1:1000  
 DATA: Dicembre 2022

N.	DATA	DESCRIZIONE	ELABORATO	CONTROLLATO	APPROVATO
00	01 Dicembre 2022	Emissione	R. Minola	M. Palvarini	S. Venturini
01					
02					
03					
04					

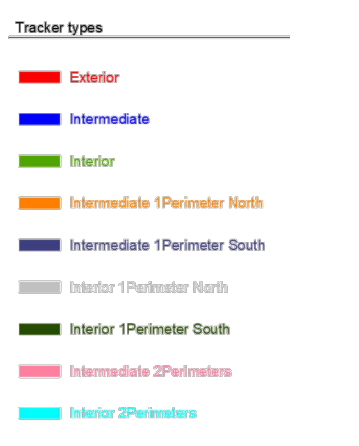
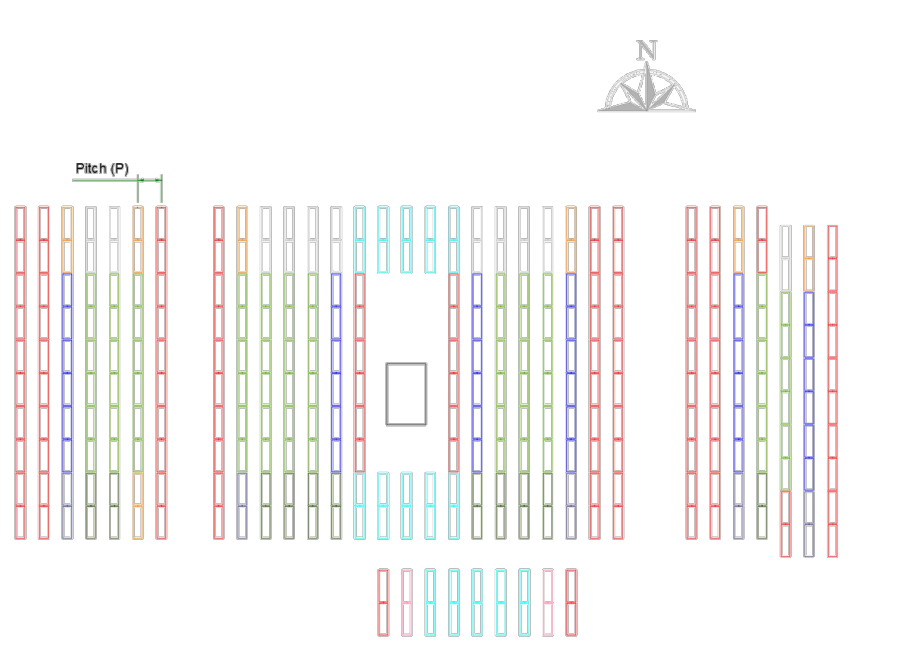
**Exterior trackers:** Most exposed to the wind and more robust trackers, they are in the EW perimeter areas. For these tracker types there is no difference in perimeter area North or South.

**Intermediate trackers:** Medium exposed to the wind, they are in between the exterior and interior trackers.

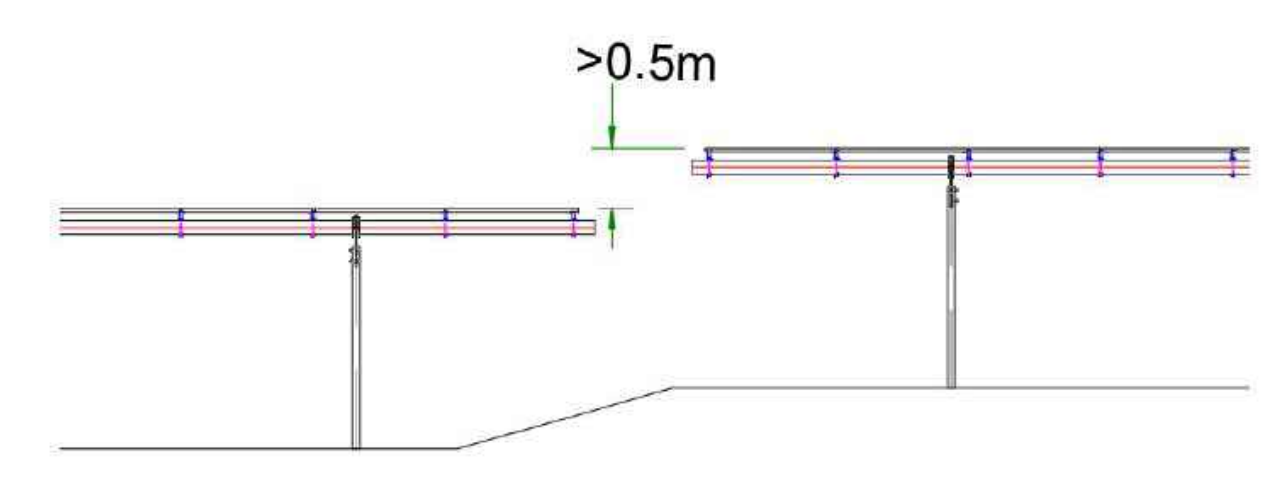
**Interior trackers:** 3<sup>rd</sup> tracker into the array and on. Less exposed to the wind and lighter trackers. They are covered by other trackers in the four quadrants.

**Perimeter trackers:** It affects to the intermediate and interior trackers, they have piles, panel rails and torque tube reinforced in the end area because this wing is exposed to the perimeter.

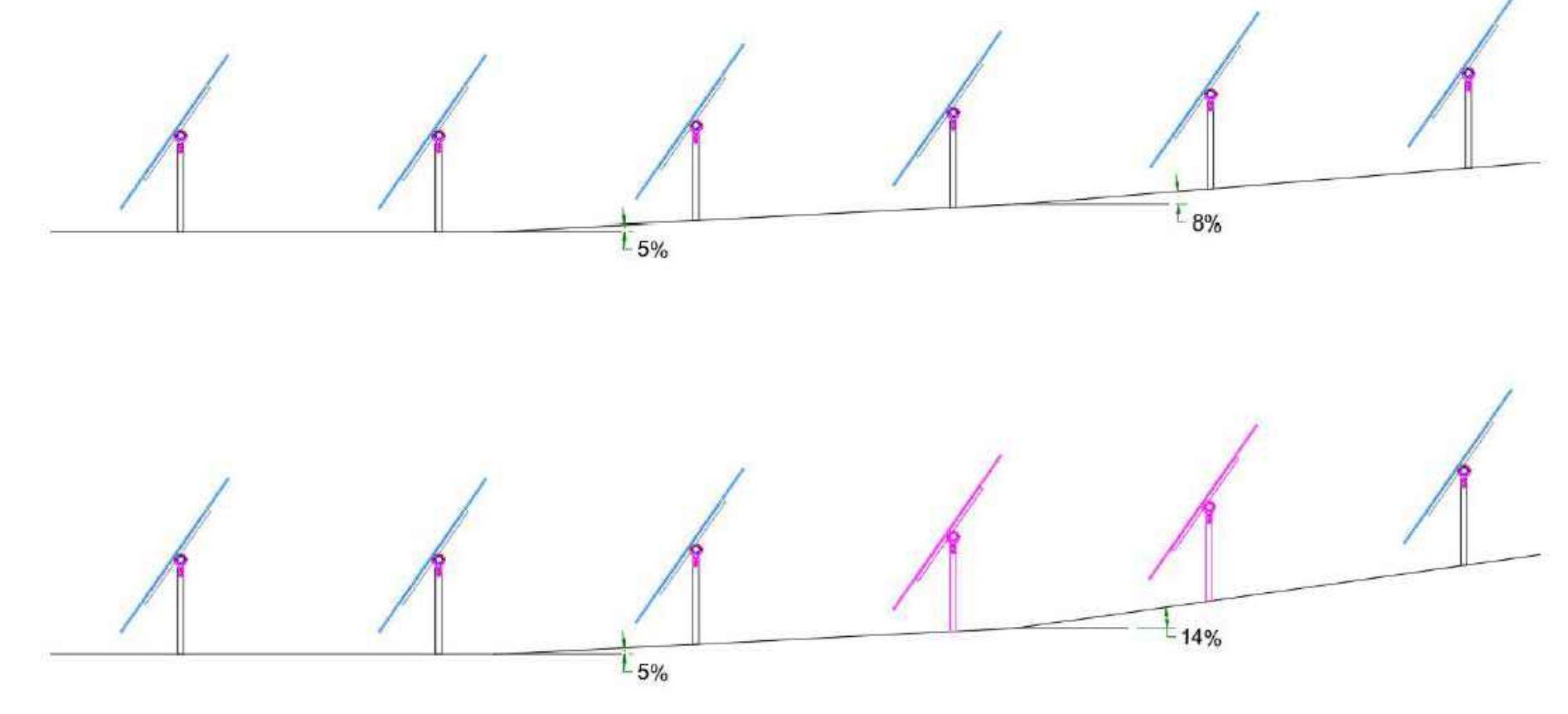
**2<sup>nd</sup> Perimeter trackers:** It affects to the intermediate and interior trackers, they have piles, panel rails and torque tube reinforced in the end areas because the two wings are exposed to the perimeter.



**North South effect:**  
 For differences in height between the neighbour tracker at north or south higher than 0.5m, both trackers must be considered as perimeter.



**East West effect:**  
 For changes of slope higher than 5%, both trackers must be considered as exterior.



- For pitches higher than the double the series of exterior intermediate-interior is repeated.
- For pitches between 15 and 2 times the standard only one exterior tracker is necessary in the central area of the side followed of interior trackers, so intermediate is not necessary.
- For separations higher than 6m in EW roads, perimeter trackers must be added.
- In case of inverters in middle of the aisle, perimeter and the series of ext-inter-int trackers must be added.
- In case of misaligned trackers, for spaces higher than 8m an exterior tracker followed of the corresponding intermediate must be defined.

