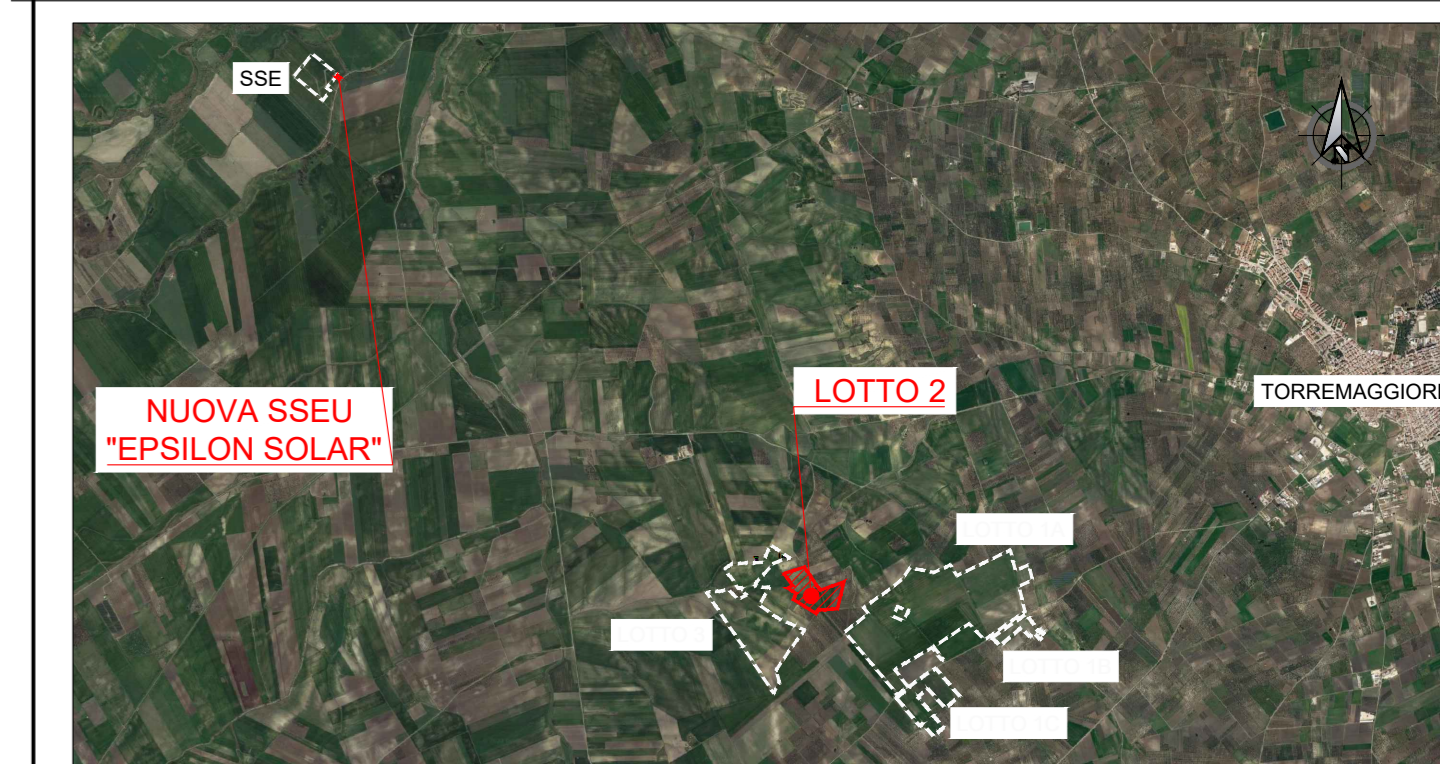


PIANTA CHIAVE



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

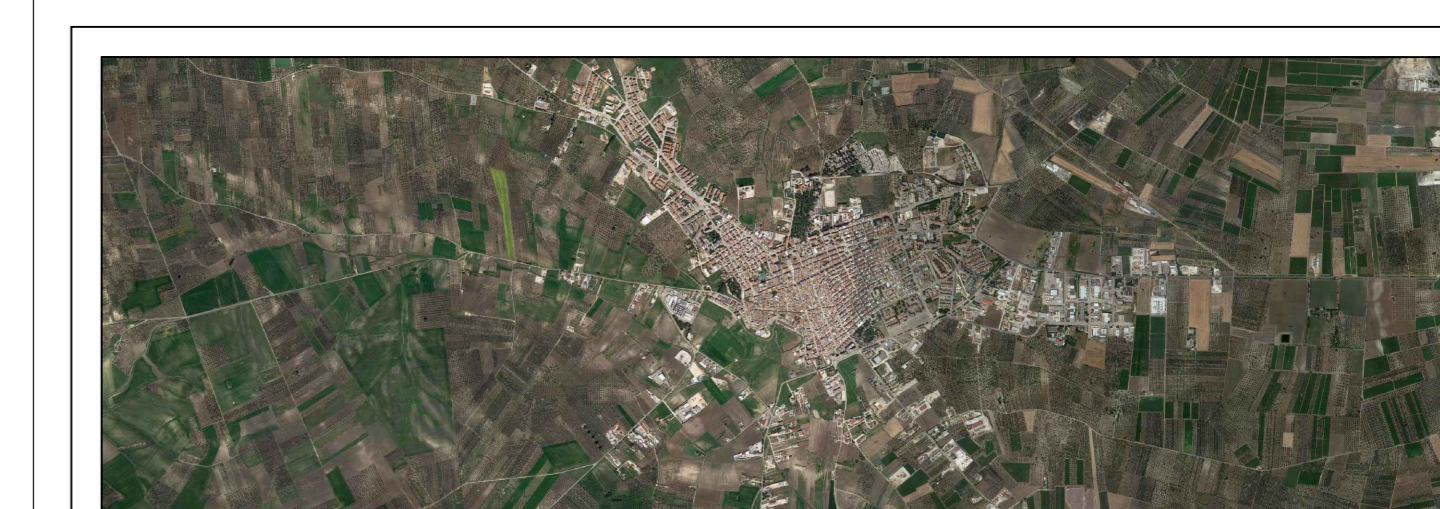
LEGENDA

- CABINA DI CAMPO PREFABBRICATA IN CONTAINER
- LIMITE RECINZIONE LOTTO
- LIMITE CATASTALE LOTTO

TRACKERS TOTALI: 113
76 (2x28M) ; 3 (2x26M) ; 18 (2x16M) ; 6 (2x14M) ; 10 (2x12)

- 54 TRACKERS 1R_EXT (2X28 M) dim. 37,34 x 4,78 m
- 22 TRACKERS 1R_INT (2X28 M)
- 3 TRACKERS 1R_EXT (2X26 M) dim. 34,74 x 4,78 m
- 0 TRACKERS 1R_INT (2X26 M)
- 18 TRACKERS 1R_EXT (2X16 M) dim. 21 x 4,78 m
- 0 TRACKERS 1R_INT (2X16 M)
- 6 TRACKERS 1R_EXT (2X14 M) dim. 18,67 x 4,78 m
- 0 TRACKERS 1R_INT (2X14 M)
- 10 TRACKERS 1R_EXT (2X12 M) dim. 16,07 x 4,78 m
- 0 TRACKERS 1R_INT (2X12 M)

TRACKER	N°	Sostegno Centrale - N° Sostegno Laterale - N°	Materiale	Profilo Alternativa 1	Inflessione Montante [m] Alternativa 1	Profilo Alternativa 2	Inflessione Montante [m] Alternativa 2	Unità
1R_EXT (2X28 M)	54	SC - 7	S275	HEA 180	3,70	-	-	378
1R_INT (2X28 M)	=	SL - 2	S275	HEA 160	3,50	HEA 180	3,00	108
1R_EXT (2X26 M)	3	SC - 7	S275	HEA 180	3,70	-	-	21
1R_INT (2X26 M)	=	SL - 2	S275	HEA 160	3,50	HEA 180	3,00	6
1R_EXT (2X16 M)	18	SC - 3	S275	HEA 160	3,70	-	-	54
1R_INT (2X16 M)	=	SL - 2	S275	HEA 160	3,50	HEA 180	3,00	36
1R_EXT (2X14 M)	6	SC - 3	S275	HEA 160	3,70	-	-	18
1R_INT (2X14 M)	=	SL - 2	S275	HEA 160	3,50	HEA 180	3,00	12
1R_EXT (2X12 M)	10	SC - 1	S275	HEA 160	4,30	HEA 180	3,70	10
1R_INT (2X12 M)	=	SL - 2	S275	HEA 160	3,50	HEA 180	3,00	20
1R_EXT (2X12 M)	0	SC - 1	S275	HEA 160	4,30	HEA 180	3,70	-
1R_INT (2X12 M)	=	SL - 2	S275	HEA 160	3,50	HEA 180	3,00	-
TOTALE MONTANTI								961



PROGETTO DEFINITIVO DI UN IMPIANTO AGRO-FOTOVOLTAICO DELLA POTENZA COMPLESSIVA DI 104,4 MWp, E RELATIVE OPERE DI CONNESSIONE ALLA RETE, DOTATO DI SISTEMA DI ACCUMULO CON POTENZA DI 17,6 MW DA REALIZZARSI NEL COMUNE DI TORREMAGIORE (FG)

PROGETTO DEFINITIVO

COMMITTENTE: EPSILON SOLAR s.r.l.

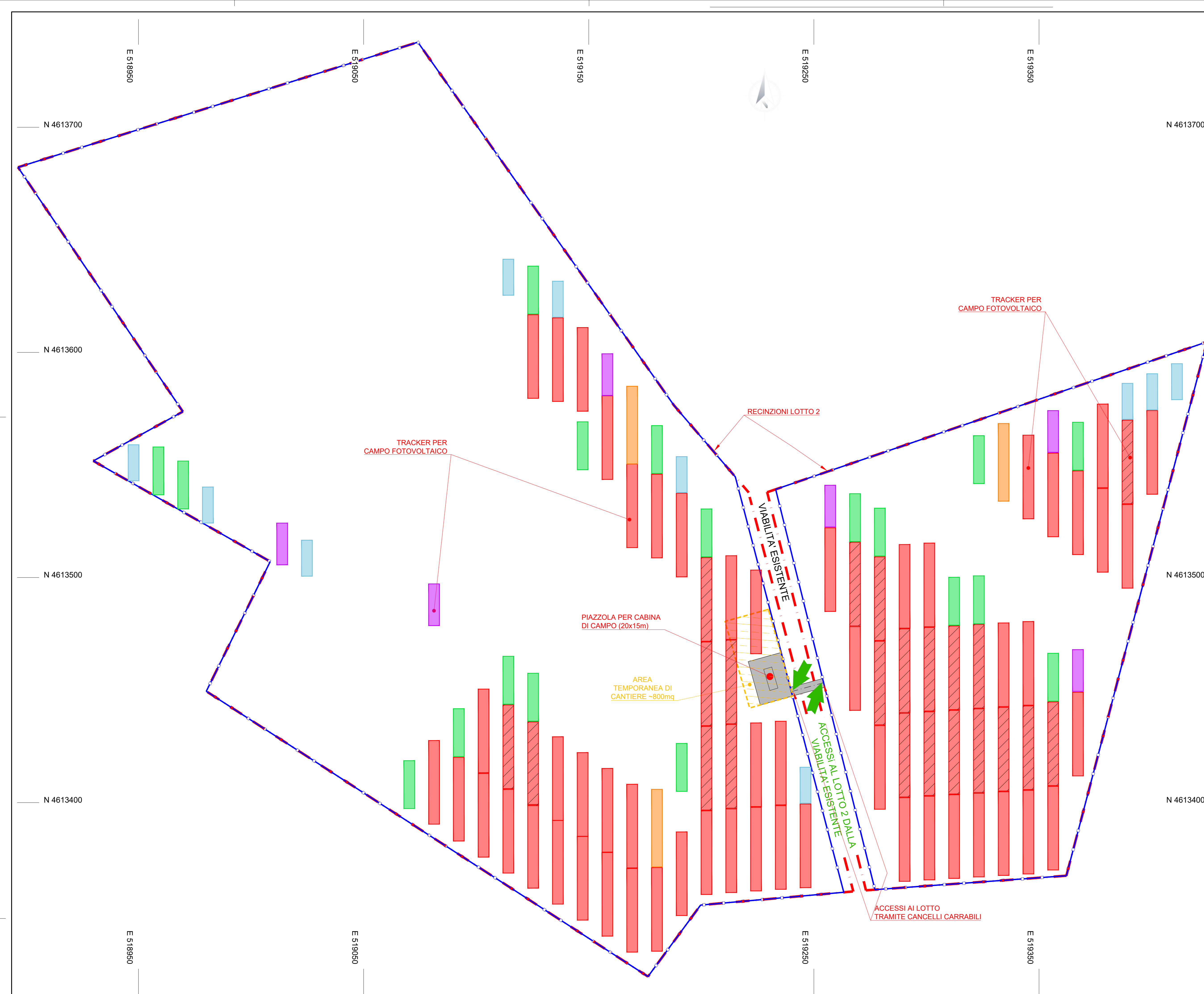
PROGETTISTA:



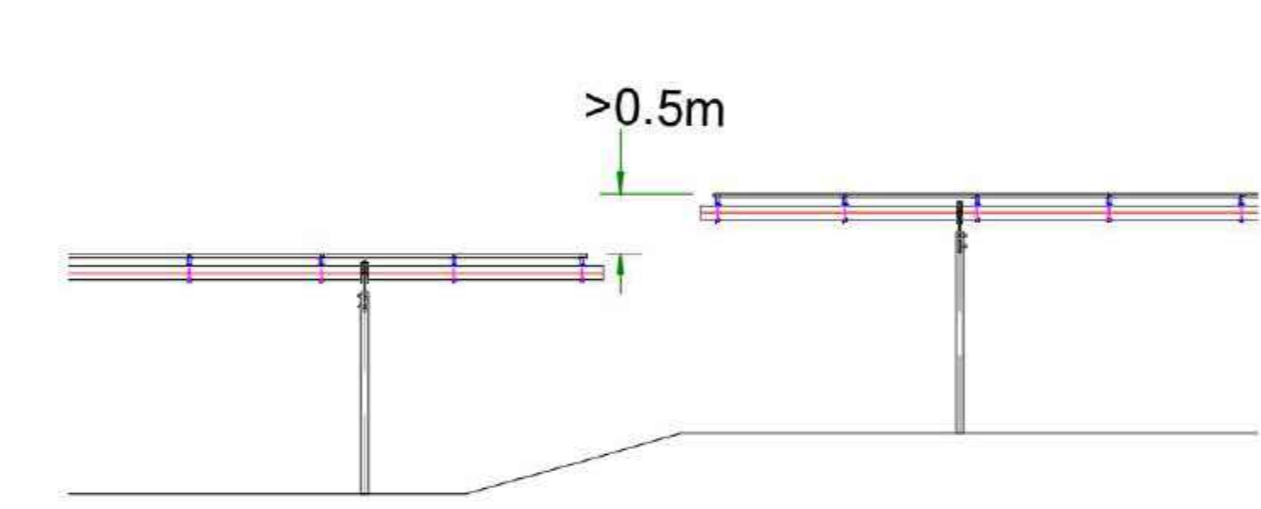
TITOLO ELABORATO: PARTICOLARI COSTRUTTIVI TRACKERS - FONDAZIONI LOTTO 2
 ELABORATO n°: B035F-D-TM02-GEN-TP-05
 NOME FILE: B035F-D-TM02-GEN-TP-05-00.DWG
 SCALA: 1:750
 DATA: Marzo 2024

N.	DATA	DESCRIZIONE	ELABORATO	CONTROLLATO	APPROVATO
00	Marzo 2024	Emissione	R. Minola	N. Ostojch	S. Venturini
01					
02					
03					
04					

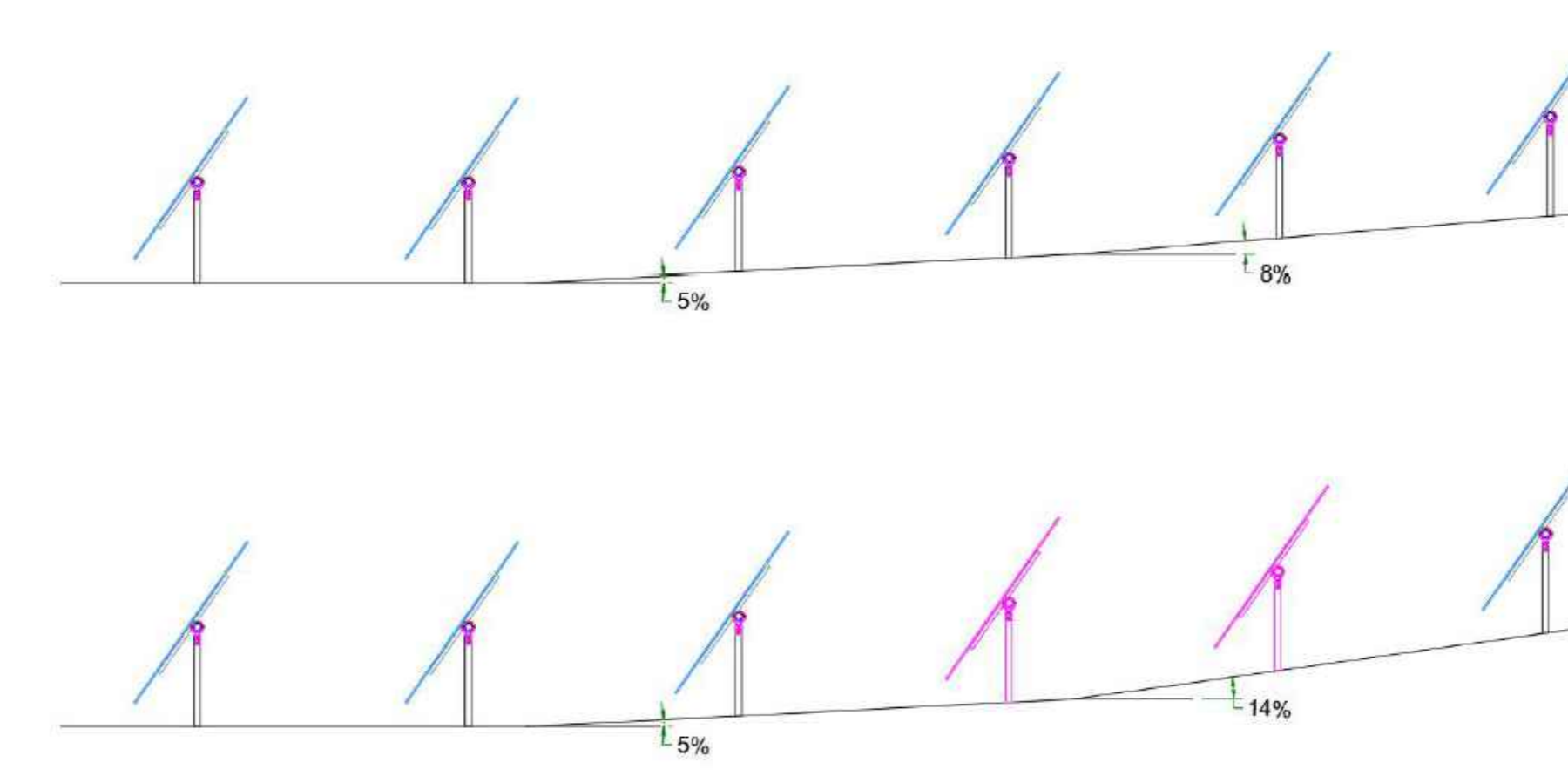
A TITOLU DI LEGGE SI RISERVA LA PROPRIETA' DI QUESTO ELABORATO CON DIRITTO DI RIPRODUZIONE RENDENDOLO NOTO A TERZI ANCHE FAVOREVAMENTE SENZA NOSTRA AUTORIZZAZIONE



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.



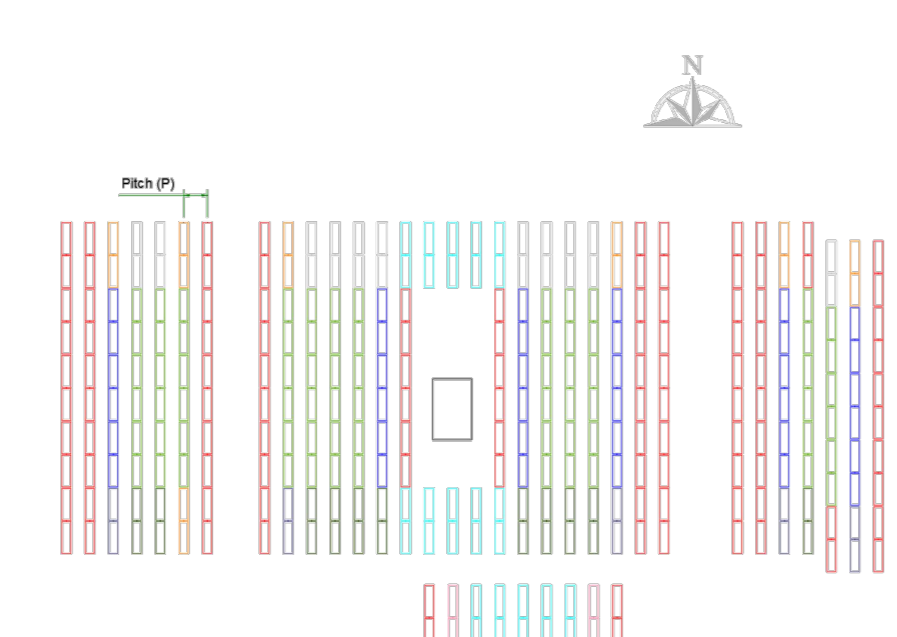
Exterior trackers: Most exposed to the wind and more robust trackers, they are in the EW perimeter areas. For these tracker types there is no difference in perimeter are North or South.

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

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

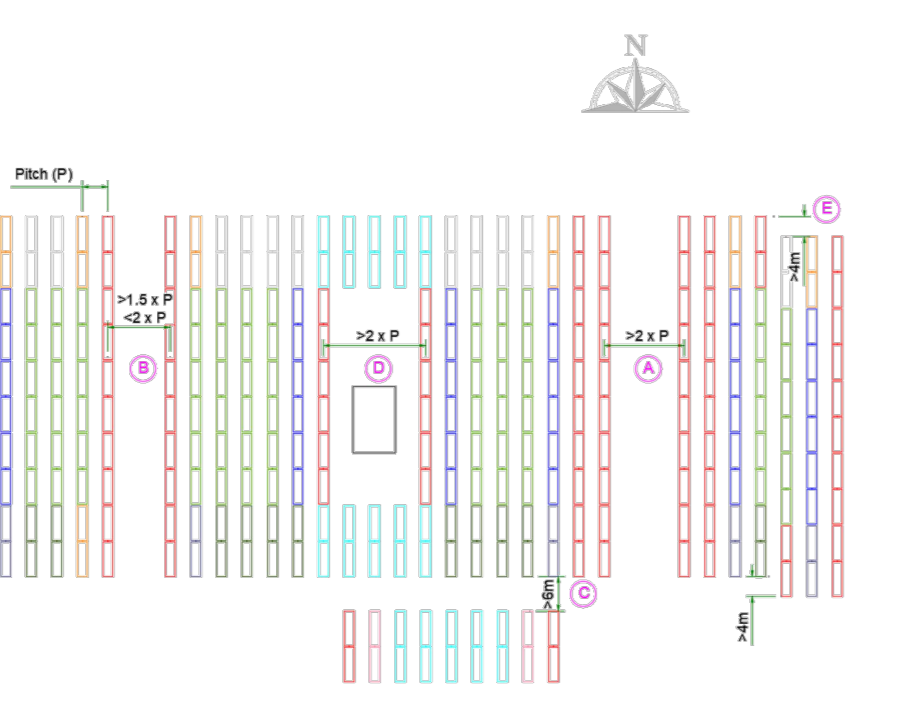
1st Perimeter trackers: It affects to the intermediate and interior trackers, they have piles, panel rails and torque tube reinforced in the end area because this wing is exposed to the perimeter.

2nd 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.



- Tracker types
- Exterior
 - Intermediate
 - Interior
 - Intermediate (Perimeter North)
 - Intermediate (Perimeter South)
 - Interior (Perimeter North)
 - Interior (Perimeter South)
 - Intermediate (Perimeter)
 - Interior (Perimeter)

- 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 by 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-interm-tracker must be added.
- In case of misaligned trackers, for spaces higher than 8m an exterior tracker followed of the corresponding intermediate must be defined.



- Tracker types
- Exterior
 - Intermediate
 - Interior
 - Intermediate (Perimeter North)
 - Intermediate (Perimeter South)
 - Interior (Perimeter North)
 - Interior (Perimeter South)
 - Intermediate (Perimeter)
 - Interior (Perimeter)