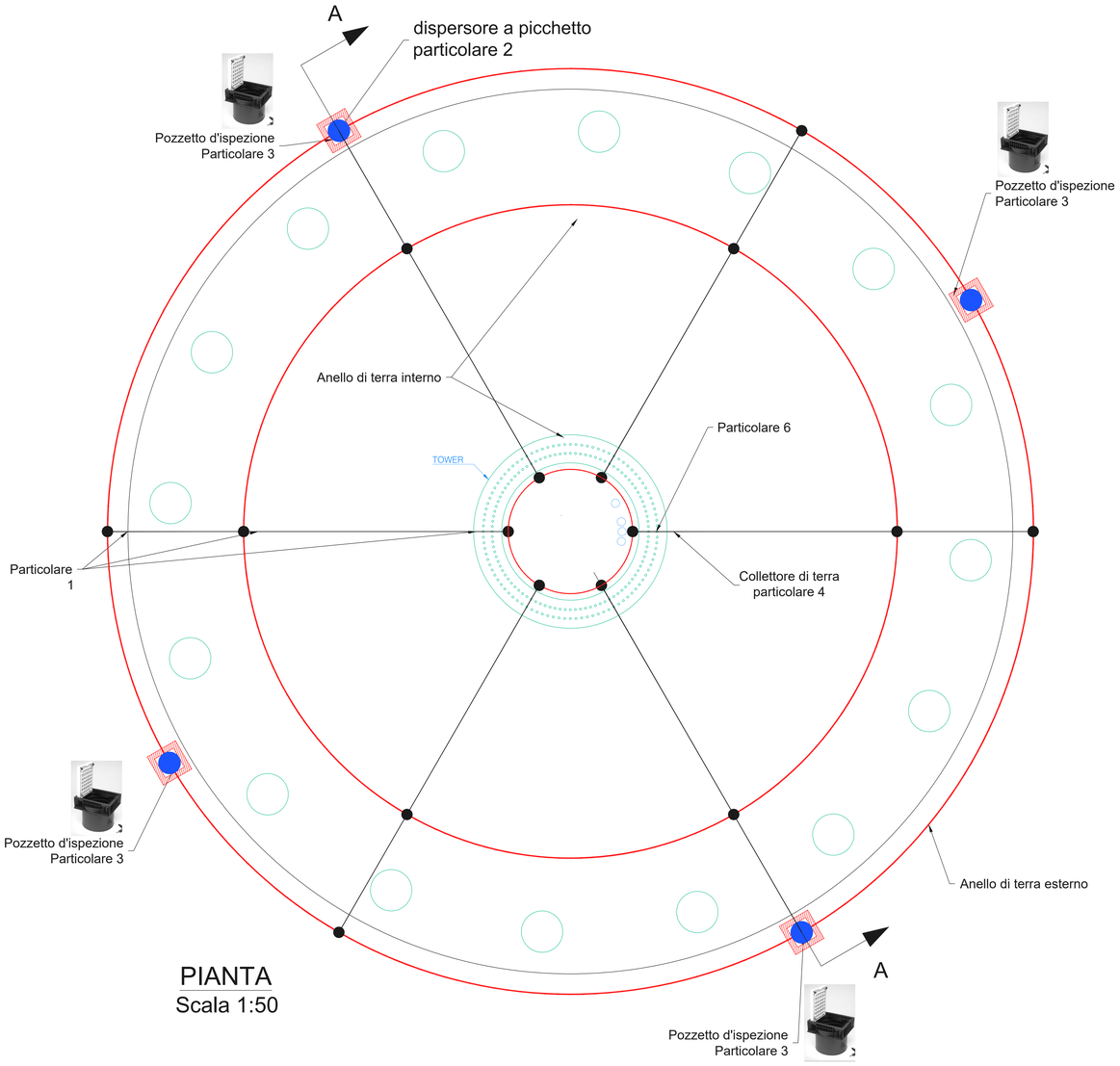
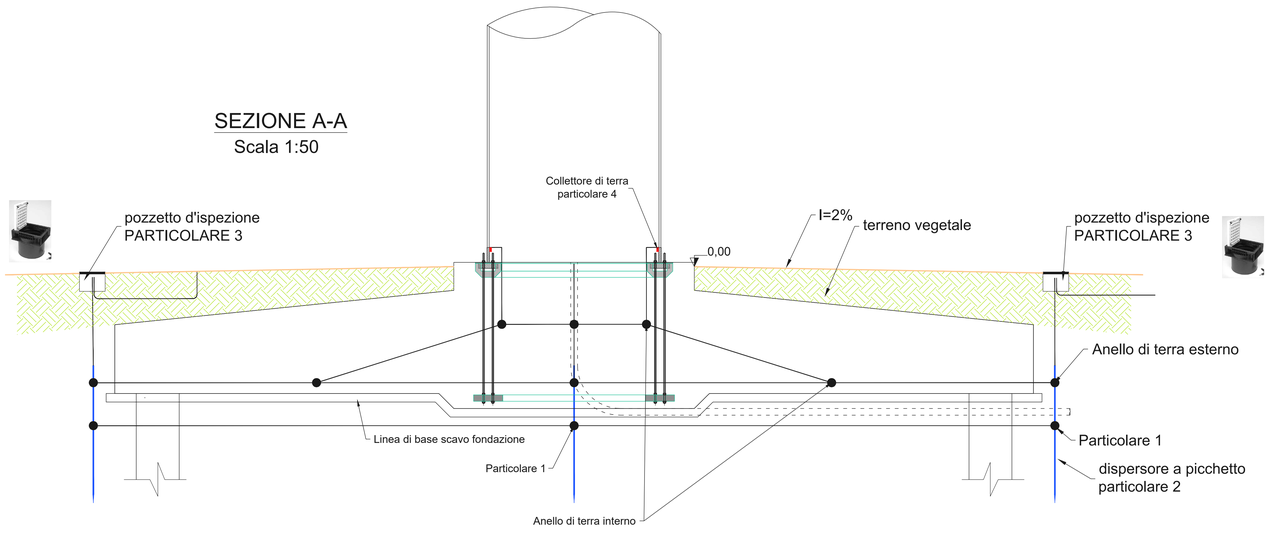


PIANTA
Scala 1:50



SEZIONE A-A
Scala 1:50

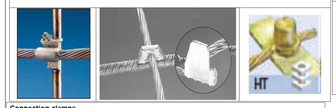
PARTICOLARE 1

TIPOLOGICI GIUNZIONI/SALDATURE

Cadweld connection

Example of Cadweld connection (exothermic welding):

- Ring grounding electrode on ground rod
- Ring grounding electrode on reinforcing steel
- Ring grounding electrode on galvanized steel strip (30 x 3.5 mm)



Connecting clamps, foundation loop and cross connections

Cross-pieces for above and below ground connections for connection of conductors in crossvise and T-arrangement without intermediate plate for FI and FI material clamp: St/Zn, clamp range FI/FI: 30/30 mm

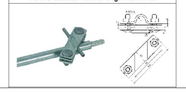
Connection clamps

Grounding loop and cross connection cross-pieces for above and below ground connections for connection of conductors in crossvise and T-arrangement with intermediate plate for Rd and FI material clamp: NIRO (V4A) , clamp range Rd/Rd: 8-10/8-10 mm, clamp range Rd/FI: 8-10/30 mm, clamp range FI/FI: 30/30 mm

Connection clamps for foundation ground electrodes and reinforcements

Terminals for connecting round and flat cables in the concrete foundation or concrete reinforcing mats and reinforcements to round and flat cables

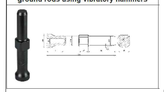
Clamps for connecting round conductors, cables and flat cables to ground rods



PARTICOLARE 2

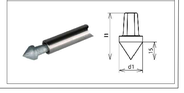
TIPOLOGICI DISP. VERTICALE
O IN ALTERNATIVA IN ACC.ZINCATO A CROCE L.3m

Hammer inserts for driving in ground rods using vibratory hammers



Ground rods
1.5 m, 20 mm Ø, St/Zn

Impact tips



PARTICOLARE 3

Inspection shaft for ground connection

The ERICO TIP-03 inspection shaft has a closable cover and is suitable for an equipotential bonding busbar. The following ground connections can be connected:

1. Connection of ground rods
2. Grounding of the external transformer station
3. Grounding of the stairs
4. Radial extension of the grounding system if the grounding resistance is too high
5. Resurveying of the grounding resistance

DIMENSIONI MINIME
25x25x25

REGIONE SICILIA
Provincia di Catania
COMUNI DI MILITELLO VAL DI CATANIA -VIZZINI- MINEO

PROGETTO
POTENZIAMENTO PARCO EOLICO MINEO-MILITELLO- VIZZINI

PROGETTO DEFINITIVO

COMMITTENTE

ERG Wind Sicilia 2 — ERG Wind Sicilia 5

PROGETTISTA

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di Damiano e Mariano Galbo
via Rossotti, 39
91011 Alcamo (TP) Italy

ORDINE DEGLI INGEGNERI PROV. TRAPANI
Ing. Mariano Galbo N. 724

OGGETTO DELL'ELABORATO

RETE DI TERRA E FONDAZIONE WTG

REV.	DATA	ATTIVITA'	REDATTO	VERIFICATO	APROVATO
0	FEB.2018	PRIMA EMISSIONE	LV	VF	MG

CODICE PROGETTISTA	DATA	SCALA	FORMATO	FOGLIO	CODICE COMMITTENTE IMP.	DISC.	TIPO DOC.	PROGR.	REV.
	Febbraio 2018	Varie	A0	1 di 1	MMV	ENG	TAV	0075	00

NOME FILE: MMV-ENG-TAV-0075_00.dwg

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ISO A0