

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 crosswise and T-arrangement without intermediate plate for F1 and F1 material clamp: S12z, clamp range R3F1: 30/30 mm

**Connection clamps**  
Grounding loop and cross connection cross-pieces for above and below ground connections for connection of conductors in crosswise and T-arrangement with intermediate plate for Rd and F1 material clamp: N19C (V4A), clamp range Rd/Rd: 8-10/8-10 mm, clamp range Rd/F1: 8-10/30 mm, clamp range F1/F1: 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, S12z**

**Impact tips**

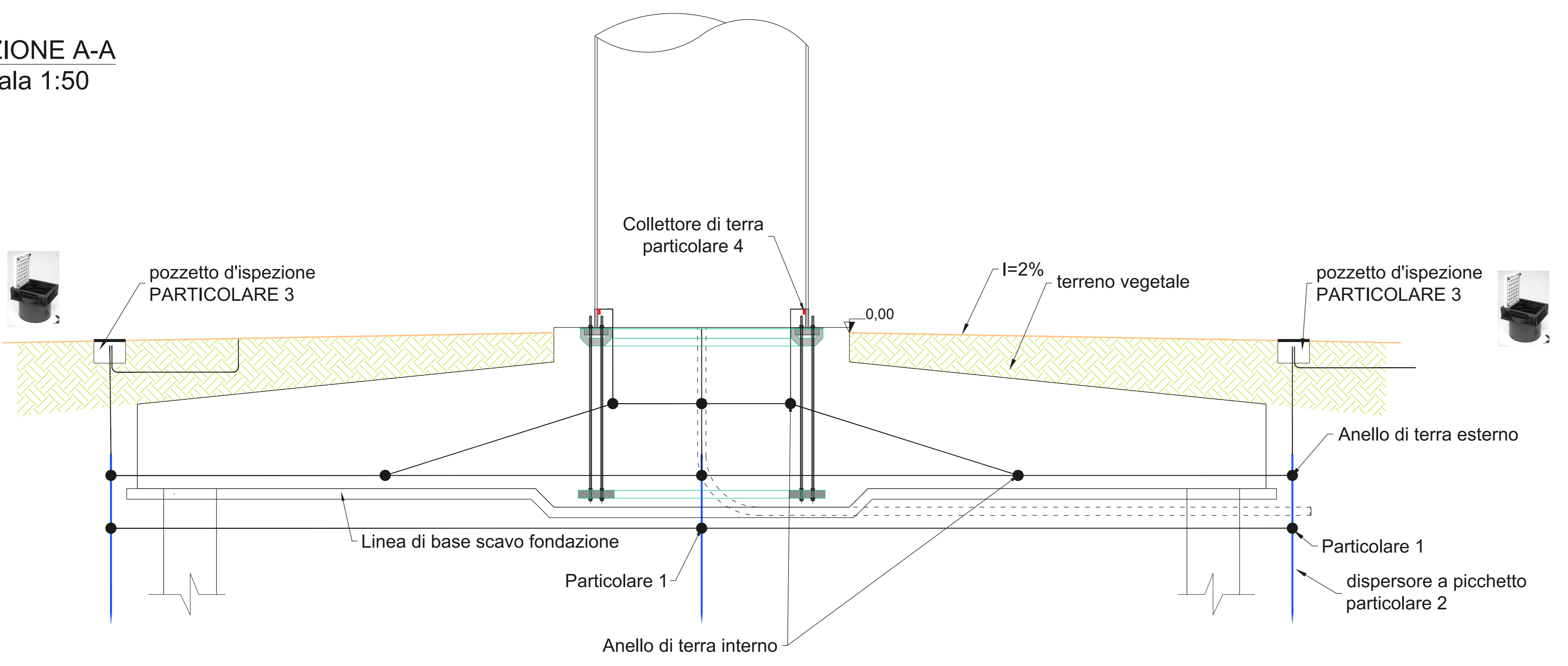
PARTICOLARE 3

**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 Palermo  
COMUNI DI PARTINICO- MONREALE

**PROGETTO**  
POTENZIAMENTO PARCO EOLICO PARTINICO-MONREALE

**PROGETTO DEFINITIVO**

**COMMITTENTE**  
ERG Wind Sicilia 4

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**OGGETTO DELL'ELABORATO**  
RETE DI TERRA E FONDAZIONE WTG

REV.	DATA	ATTIVITA'	REDATTO	VERIFICATO	APPROVATO
01	05 Maggio 2018	Prima Emissione	EG	DG	MG

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