Polyethylene earth inspection pit installation schematic

Not to scale

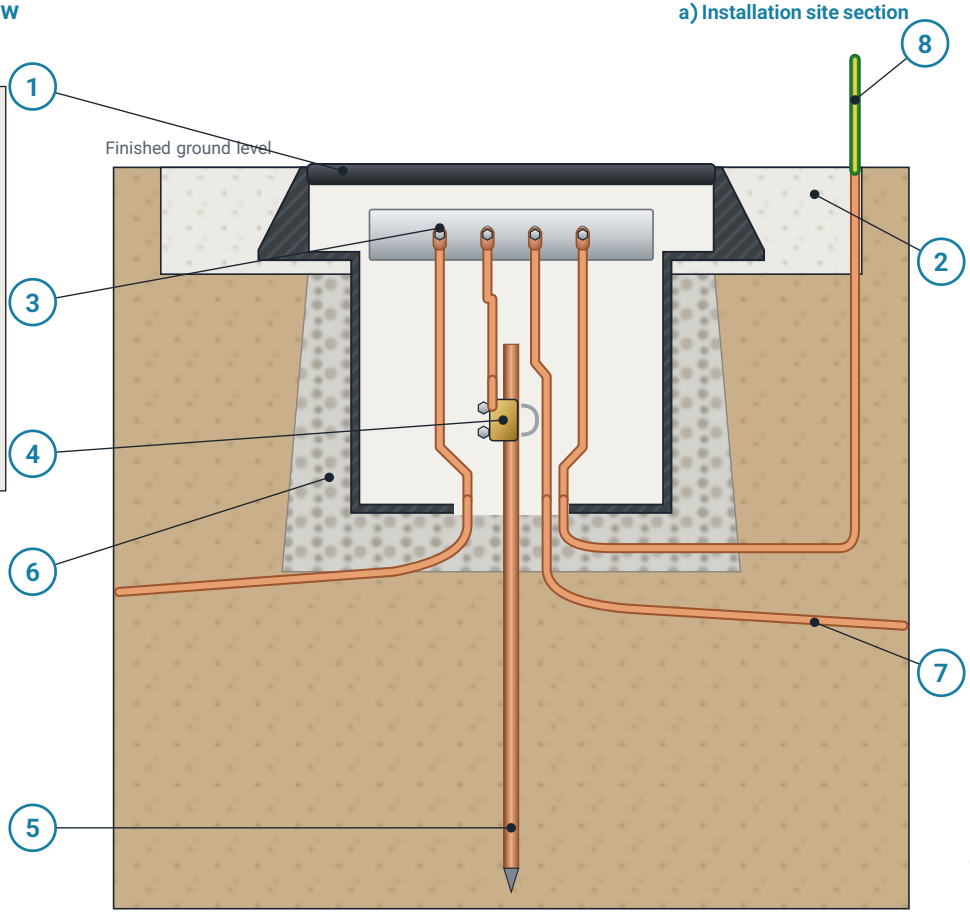
PE 3030 · 300 × 300 · 250 × 250 · Ø190 · H 205

KALOT GROUP · TECHNICAL ILLUSTRATION · NOT TO SCALE

b) Top view



a) Installation site section



Installation notes

1. Dig a hole about 600 × 600 and about 350 mm deep, and drive the earth rod until the design resistance is reached.
2. Lay a gravel bed under and around the earth rod so water drains away.
3. Set the pit over the earth rod so the rod passes through the slotted floor and the top of the cover is level with the finished ground.
4. Connect the earth rod to the conductor with a suitable clamp or exothermic welding, and fix the conductors to the earth bar with cable lugs.
5. Always pour concrete around the pit so it does not tilt over time; after measuring the resistance and reconnecting the joint, secure the cover with the two recessed Allen screws.

Key

1 Polyethylene pit	2 Concrete around the pit
3 Earth bar and cable lugs	4 Earth rod clamp
5 Earth rod	6 Gravel bed
7 Bare copper conductor in soil	8 Green and yellow conductor to building

This document is not contractual; we may update product design, dimensions, weights and images without prior notice.

گروه کالوت
KALOT GROUP
Protect Today For Tomorrow
Since: 1972 تاسیس: ۱۳۵۱
www.kalot.ir · Tel +98 21 2268 8852