SAN-EARTH Vertical Electrode:  Step 1

- Drill a hole 3-6 inches in diameter.
- Vertical design is best where space is limited.
- Depth and diameter are determined by site conditions and resistance requirements.
SAN-EARTH Vertical Electrode: Step 2

- Position copper wire or ground rod in the center of the hole.
- Insulating the wire where it exits the cement is a good idea (Electrical tape works well for this).
SAN-EARTH Vertical Electrode:  Step 3

- Mix a slurry using 3-4 gallons of water per bag of SAN-EARTH
- Pour the mixture into the hole filling it completely.
- The result is a permanent electrode that is the diameter of the hole.
Surface Area:

2 \times 3.14 \times (0.625"/2) \times 96" = 188.4 \text{ Square Inches} 
(1.31 \text{ Square Feet})

OD: 5/8"
96" (8')

Surface Area:

2 \times 3.14 \times (3.0"/2) \times 96" = 904.3 \text{ Square Inches} 
(6.28 \text{ Square Feet})

OD: 5/8"
96" (8')

More Surface Area Means Lower Resistance

- Almost 5 times more surface area
- Ideal contact with surrounding soil
- Never needs maintenance
SAN-EARTH

- Best Results
- Lowest Cost
- Proven Performance
- Environmentally Safe
- Permanent
- Made in USA

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