

## Electrical Equipment Pad Installation

### Installation Instructions

#### 1. General

- 1.01 This section covers the description, installation and use of support pads for transformers and switchgear.
- 1.02 The foundation base is designed for use with most transformers and switchgear now being used in the field.

#### 2. Description and Use

- 2.01 The foundation pad is constructed of polymer concrete and reinforced with a heavy-weave fiberglass mat.
- 2.02 Various types and sizes of pads are available for use depending on the size of the equipment to be installed.
- 2.03 Inserts (3/8" or 1/2" anchors) or struts are molded into the pad and must align with the base of the equipment base lugs, or support leg sets.

#### 3. Installation

- 3.01 The following installation procedure is the same for all sizes of foundation pads.
- 3.02 Determine cable/conduit entry position.
- 3.03 Dig recess for pad so that top surface of pad will be level with surrounding area.
- 3.04 Level dirt around cable opening.
- 3.05 Level and tamp down dirt in the area to be occupied by the foundation pad.
- 3.06 Backfill and tamp in trench area leading to cable opening.
- 3.07 Place pad in prepared, level area with opening in pad (throat) directly over cable entry position.
- 3.08 Attach equipment to the foundation pad with bolts, brackets, and/or lugs provided by equipment manufacturer.
- 3.09 Backfill and tamp earth around pad so it is level with surrounding landscape.

