

Equipment Support Pad Installation

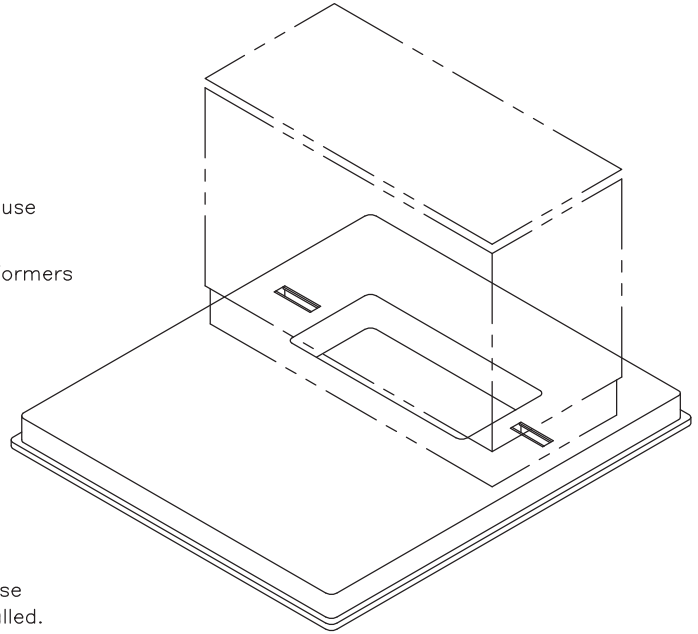
Installation Instructions

1. General

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

2. Description and Use

- 2.01 The foundation box pad is constructed of fiberglass reinforced composite.
- 2.02 Various types and sizes of pads are available for use depending on the size of the equipment to be installed.
- 2.03 3/8" or 1/2" inserts (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.

Box Pad & Ground Sleeve Installation

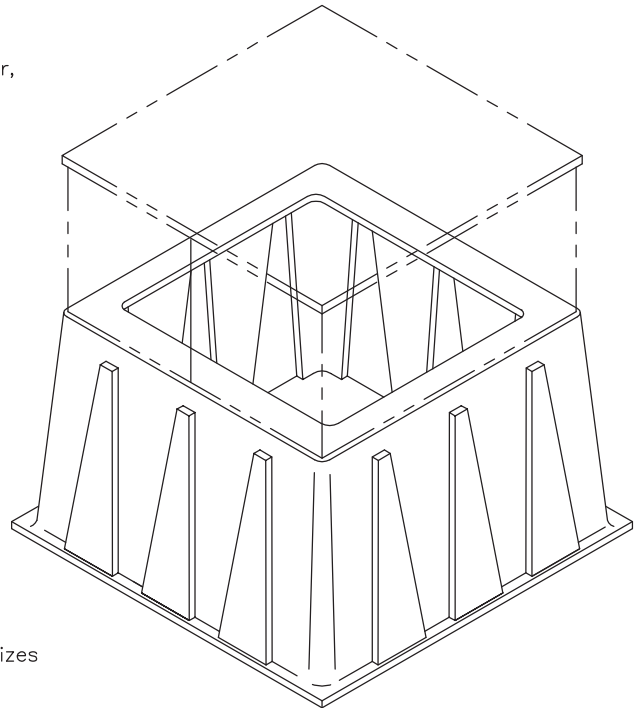
Installation Instructions

1. General

- 1.01 This section covers the description, installation and use of box pads and ground sleeves.
- 1.02 The foundation base is designed for use with transformer, switchgear and cabinets of most manufacturers.

2. Description and Use

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



3. Installation

- 3.01 The following installation procedure is the same for all sizes of foundation bases.
- 3.02 Determine cable/conduit entry position.
- 3.03 Excavate hole for the base. Make hole 1'-2" longer and wider and approximately 6" deeper than the base.
- 3.04 Put eyebolts into lifting inserts on top of the base (4 bolts are shipped with the foundation base).
- 3.05 Attach lifting chain or straps to bolts.
- 3.06 Lift and position base into hole using a backhoe. Check plan for proper orientation of box pad or ground sleeve.
- 3.07 Place gravel in the base to a depth of approximately 6" to 8".
- 3.08 Lift base to proper elevation, allowing gravel to run out under the base.
- 3.09 Check the elevation of the base.
- 3.10 Make necessary elevation adjustments with the bucket and recheck the elevation.
- 3.11 Remove the bolts once the base is set to proper elevation.

