

## Quick Assembly Enclosure Installations

### ***Installation Guidelines for Quick Assembly Enclosures (QAV)***

#### **1. Prepare the Excavation**

- 1.01 Excavate approximately 10 inches greater around the actual outside dimension of the Enclosure to be installed and 6 inches deeper than to depth will be required for installation.
- 1.02 For installation around an existing transformer, determine at the site the appropriate procedure and sequence for removing the existing enclosure and installing the new enclosure.
- 1.03 Quick Assembly Enclosures are shipped dis-assembled and complete on one pallet. Enclosures are equipped with holes in each corner or the enclosure wall where a lifting sling can be attached for handling fully or partially assembled units with suitable lifting equipment.

#### **2. Enclosure Assembly**

- 2.01 Unpalletize the enclosure.
- 2.02 The following and tools may be required to assemble the enclosure:
  - Adjustable wrench
  - Hammer and/or mallet
  - Hex Socket or Open-end wrenches (3/4-in & 9/16-in)
  - Rasp or coarse file
  - Pliers
  - Band cutter or shears
  - Penta-socket wrench
  - Power saw (chop saw or saws-all)
- 2.03 Assemble enclosure per accompanying instructions. (It may be fully pre-assembled or may be assembled inside of the excavation as warranted by field conditions.)

#### **3. Prepare the enclosure for Placement**

- 3.01 If the enclosure is fully assembled outside the excavation, Place nylon straps or chains around the lifting bolts or through lifting holes and secure to the backhoe or equivalent lifting equipment.
- 3.02 Lift the enclosure and place it into the hole.
- 3.03 Place gravel in the enclosure and around the side if necessary.
- 3.04 Lift the enclosure to the proper elevation allowing the gravel to run out under the enclosure.
- 3.05 Check the elevation of the enclosure with a level and range pole.
- 3.06 Make the necessary elevation adjustments with lifting equipment and recheck the elevation.
- 3.07 Once the enclosure is set to the proper elevation, reinstall the cover or covers and backfill using procedures prescribed by your company's specifications or instructions.