**Typical Grounding Bushings**

To ground rod.

**Typical Grounding Detail**

**Grounding Requirements:**

- Contractor shall provide a minimum of 6 inches of ground wire for testing prior to connecting the wire to Transformer base.

- Pole - Transformer base ground - ground wire shall come from the ground rod through the PVC conduit, connecting to the transformer base/pole and then to each rigid steel grounding bushing.

- All conductors used for the grounding, spare conductors that are installed in the pole base are perpendicular to the pole shaft. This includes providing a minimum of 24 inches of conduit past the edge of the pole base.

**Typical Cast Aluminum Transformer Base**

- Transformer base door shall have a minimum of 6 inches of ground wire for testing prior to connecting the wire to the Transformer base.

- The contractor shall install a 4-inch Schedule 80 PVC conduit (with bushings) for grounding wire in each base.

- Grounding nut or lug shall be used to connect the grounding wire to the transformer base.

**Foundation Detail**

- Foundation shall be level and plumb.

- Concrete bases shall be poured level and shall be at least 24 inches below grade.

- Concrete bases shall be poured level and shall be at least 24 inches below grade.

**Breakaway Support Stub Height Measurement**

- Breakaway support stub height measurements shall be at least 15 inches from the top of the base.