



Pour-In-Place Transformer Pad  
(Prior Approval is Required)

NOTES

- (1) No concrete in trough area.
- (2) Bring conduit up flush with pad.
- (3) Guard Posts are required in traffic areas.
- (4) Concrete pad shall be 3000 psi concrete, level within  $\pm 1/4"$  in 5' straight edge.
- (5) Existing grade and back fill under concrete pad shall be compacted to 95% in accordance with ASTM D1557.
- (6) Minimum of 14" x 14" to be maintained for secondary duct area.

Pad Preferences: Order of Hierarchy for T4 Padmount Transformers Installation

- Fiberglass box pad, 000000013 for 25-100kVA transformers and 0100005826 for 167kVA transformers. **Preferred and recommended.**
- Pre-engineered structural pads, 0100005825 for 25-100kVA transformers and 0100005826 for 167kVA transformers.
- Flat pad 7000311005.
- Prior PNM approval required for the pour-in-place pad option. For the 25-100kVA transformers the required dimensions are 43" x 40" x 12" and for the 167kVA transformer the required dimensions are 43" x 48" x 12". Both pads should have #4 rebar, 6" of center each way, see detail above.

REFERENCES

- (1) See DS-7-16.8 Page 1 and 2 Transformer and Switchgear Pad Foundation Preparation and Inspection
- (2) See DS-7-16.10 Guard Post
- (3) See DS-7-16.12 Minimum Working Space and Fire Safety Requirements for Transformers