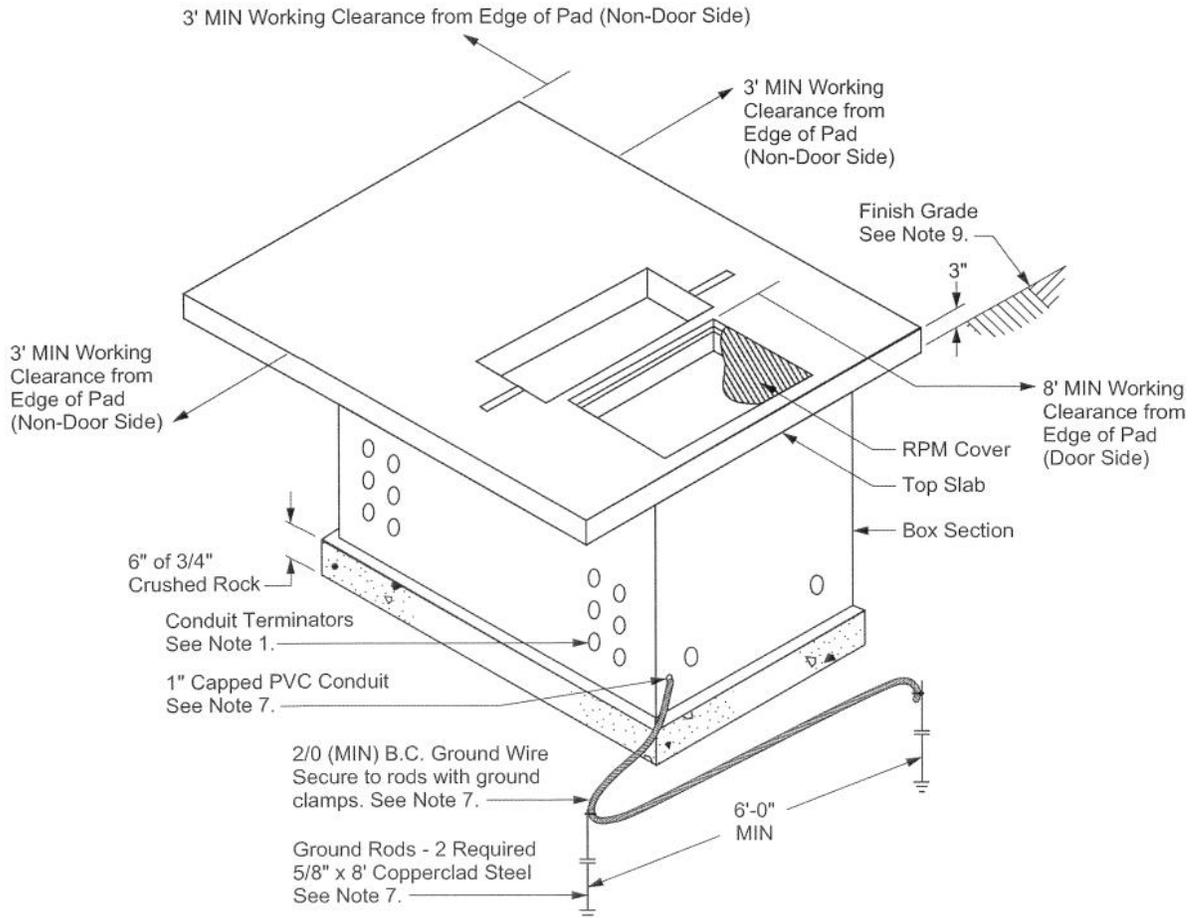


SS 535 10' x 12' Precast Slab Box for 3Ø Pad-Mounted Transformers — 1,500 kVA through 3,750 kVA

Scope SS 535.1 10' x 12' Precast Slab Box for 3Ø Pad-Mounted Transformers — 1,500 kVA through 3,750 kVA

Figure SS 535-1: 10' x 12' Precast Slab Box for 3Ø Pad-Mounted Transformers — 1,500 kVA through 3,750 kVA



Note(s):

1. Conduit terminators to be located as shown on Figure SS 535-2 (Sheet 2) to Figure SS 535-5 (Sheet 5). Standard conduit entrance will be a flatwall design. Slight variations by manufacturers may be allowed with Company approval.
2. When cable trench openings are required in a slab box, they can be special ordered from the concrete precaster.
3. For slab box structural design criteria, see Figure SS 535-2 (Sheet 2) to Figure SS 535-5 (Sheet 5).
4. For list of material requirements notes, see Table SS 535-1 (Sheet 6).
5. Consult manufacturers' installation guides for excavation dimensions.
6. An 8' minimum clearance is required on door side of transformer for operation.
7. Ground rods, clamps, and wire will be furnished by contractor. See AC 703 for approved grounding materials. Ground wire to be a minimum of 2/0 bare copper. Ground wire to be placed through capped one-inch PVC conduit at either end of slab box. A minimum three-foot length of ground wire will be placed in slab box.
8. Mastic sealant is required at joints.
9. Top surface of slab box will be set three inches above finished grade.
10. See SS 500 for approved manufacturers.

Approved by: 	10' x 12' Precast Slab Box for 3Ø Pad-Mounted Transformers — 1,500 kVA through 3,750 kVA	SS 535
Effective Date: 01-30-2009	What's Changed? Figure SS 535-1 was revised to clarify the working clearance requirements for three-phase pad-mounted transformers.	Sheet 1 of 6
		UGS