

Table AC 701-1: Minimum Ground Conductor Size

Structure Type	Structure Size	Ground Wire Size
Transformers		
Pads	4' x 4'-6"	#6
	6' x 5'-6"	#2
	7'-10" x 6'	2/0
Slab Box	6' x 8"	2/0
	8' x 10'	2/0
	10' x 12'	2/0
Capacitors/Ground Fault Detector		
Pad	7'-10" x 6'	#6

Note(s):

1. When driving ground rods, care should be taken not to drive rod through buried cable or duct.
2. When specified on working drawing, telephone company #6 tinned copper bondwire is to be attached to ground rod with clamp. Wire and clamp furnished and installed by telephone company.
3. Ground rods, clamps, and ground wire furnished by the contractor. See Table AC 701-1 (Sheet 2) for minimum transformer and capacitor bare copper ground wire size. Contractor will install all grounding material.

AC 701	Ground Rod Installation for Pad-Mounted Transformers and Capacitors	Approved by: 
Sheet 2 of 2	What's Changed? Information in Table AC 701-1 was updated to include ground fault detectors.	Effective Date: 04-25-2008
UGS		