

INSTALLATION INSTRUCTIONS RECOMMENDED ANCHOR BOLT PLACEMENT

Document	CI102X01R3	Date	4/17/01
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NOTES

1. Before pouring foundation, confirm that the pole base configuration matches the masonite anchor bolt template. (See Table 1)
2. 5" (127 mm) and 6" (153 mm) square steel poles and 6" (153 mm) square aluminum poles require a minimum 24" (610 mm) dia. foundation. All other poles require a minimum 18" (457 mm) dia. foundation.

ANCHOR BOLT PLACEMENT

1. Use masonite template provided for anchor bolt placement.
2. Remove all grease, oil, dirt and contaminants from anchor bolts with a suitable solvent.
3. Center anchor bolt group on concrete foundation.
4. Place anchor bolts in a plumb position.
5. Point hook at end of anchor bolt toward the center of the foundation. See Figure 1.
6. Anchor bolt projections should be 3-3/8" (86 mm) minimum to 3-5/8" (92 mm) maximum above top of concrete foundation. See Figure 2.
7. For information concerning recommended foundation reinforcement, see reverse side.

Figure 1

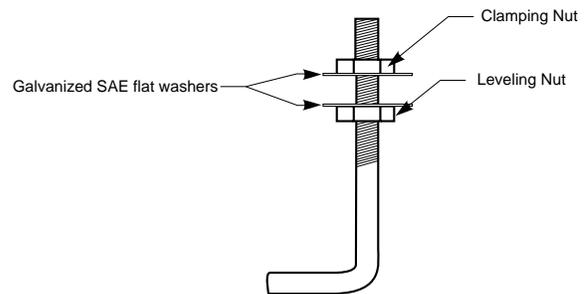
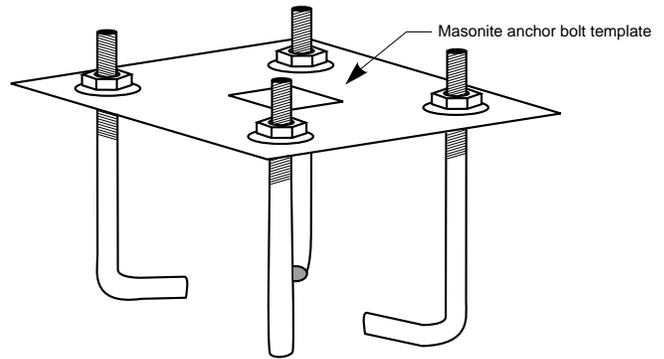
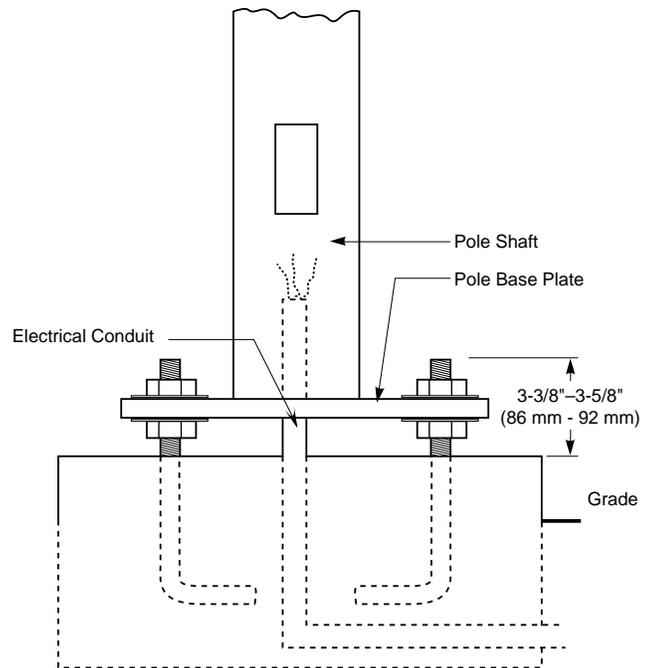


Table 1

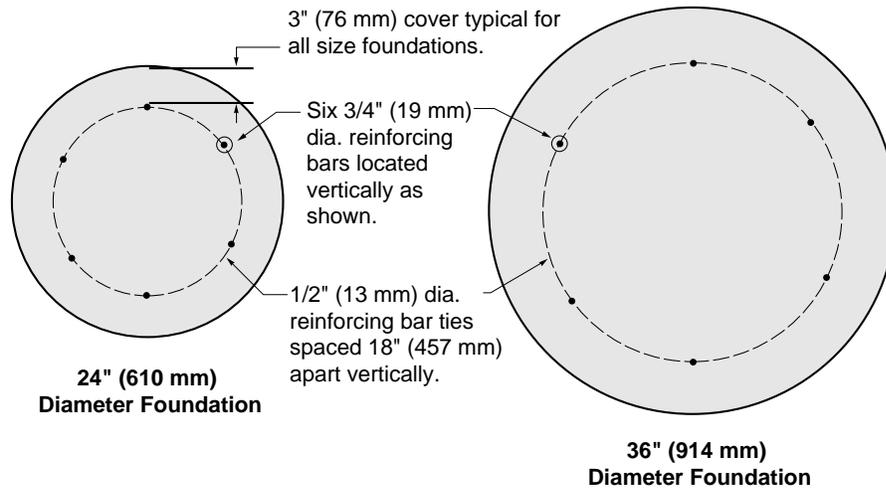
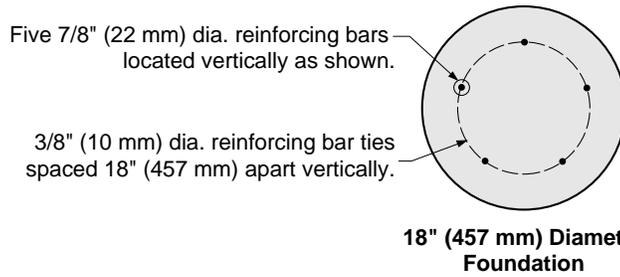
Steel Poles		
Pole	Anchor Bolt Size	Bolt Circle
3" (76 mm) sq.	3/4" (19 mm) x 18" (457 mm)	10" (254 mm)
4" (102 mm) sq x 10'	3/4" (19 mm) x 18" (457 mm)	10" (254 mm)
4" (102 mm) sq (15'-30')	3/4" (19 mm) x 30" (762 mm)	10" (254 mm)
5" (127 mm) sq	1" (25 mm) x 36" (914 mm)	10" (254 mm)
6" (153 mm) sq	1" (25 mm) x 36" (914 mm)	11.5" (292 mm)
4.5" (114 mm) Round	3/4" (19 mm) x 18" (457 mm)	8.5" (216 mm)
5.5" (140 mm) Round	3/4" (19 mm) x 30" (762 mm)	8.5" (216 mm)
Aluminum Poles		
Pole	Anchor Bolt Size	Bolt Circle
3" (76 mm) sq	1/2" (13 mm) x 12" (305 mm)	8" (203 mm)
4" (102 mm) sq	3/4" (19 mm) x 18" (457 mm)	9.25" (235 mm)
5" (127 mm) sq	1" (25 mm) x 36" (914 mm)	11.5" (292 mm)
6" (153 mm) sq	1" (25 mm) x 36" (914 mm)	13" (330.2 mm)

Figure 2



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REINFORCEMENT REQUIREMENTS

1. All reinforcing bars to be ASTM A615 grade 60 (60,000 PSI min. (413 MPa) yield strength).
2. All ties to have a minimum of 12" (305 mm) overlap
3. All vertical bars to stop 3" (76 mm) short of top and bottom of foundation.
4. All ties to have 3" (76 mm) cover.
5. All concrete to have a minimum compressive strength of 3,000 PSI (21 MPa) at 28 days: 1-1/2" aggregate, 6-1/2% min. air entrainment.
6. Consult local structural steel fabricator for fabrication.

Typical Elevation

