CREE LIGHTING

SSS Series

Square Straight Steel Pole

Recommended Anchor Bolt Placement

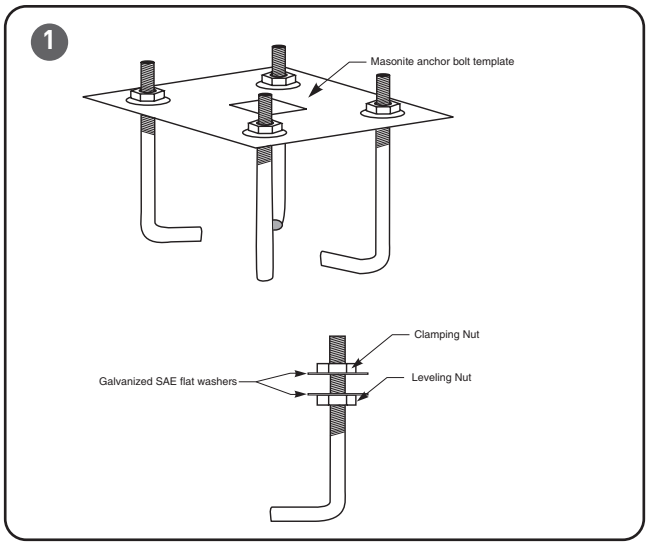
INSTALLATION INSTRUCTIONS
INSTRUCTIONS D'INSTALLATION

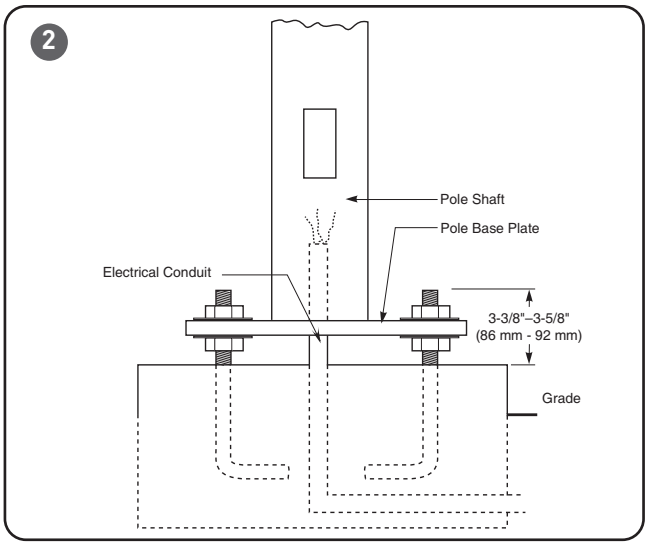
NOTES:

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

STEEL POLES		
Pole	**Anchor Bolt Size (Diameter x Length x Horizontal Length)**	**Bolt Circle**
3" (76 mm) sq.	0.75" x 17" x 3" (19mm x 432mm x 76mm)	10" (254 mm)
4" (102 mm) sq x (10' - 12')	0.75" x 17" x 3" (19mm x 432mm x 76mm)	10" (254 mm)
4" (102 mm) sq (15'-30')	0.75" x 24" x 4" (19mm x 610mm x 102mm)	10" (254 mm)
5" (127 mm) sq	1.00" x 36" x 4" (25mm x 914mm x 102mm)	10" (254 mm)
6" (153 mm) sq	1.00" x 36" x 4" (25mm x 914mm x 102mm)	11.5" (292 mm)

TO INSTALL:





ANCHOR BOLT PLACEMENT

STEP 1:
Use masonite template provided for anchor bolt placement.

STEP 2:
Remove all grease, oil, dirt and contaminants from anchor bolts with a suitable solvent.

STEP 3:
Center anchor bolt group on concrete foundation.

STEP 4:
Place anchor bolts in a plumb position.

STEP 5:
Point hook at end of anchor bolt toward the center of the foundation. See **Figure 1.**

STEP 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.**

STEP 7:
For information concerning recommended foundation reinforcement, see reverse side.

REINFORCEMENT REQUIREMENTS- See Figures 3 and 4

STEP 1:
All reinforcing bars to be ASTM A615 grade 60 (60,000 PSI min. (413 MPa) yield strength).

STEP 2:
All ties to have a minimum of 12" (305 mm) overlap

STEP 3:
All vertical bars to stop 3" (76 mm) short of top and bottom of foundation.

STEP 4:
All ties to have 3" (76 mm) cover.

STEP 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.

STEP 6:
Consult local structural steel fabricator for fabrication.

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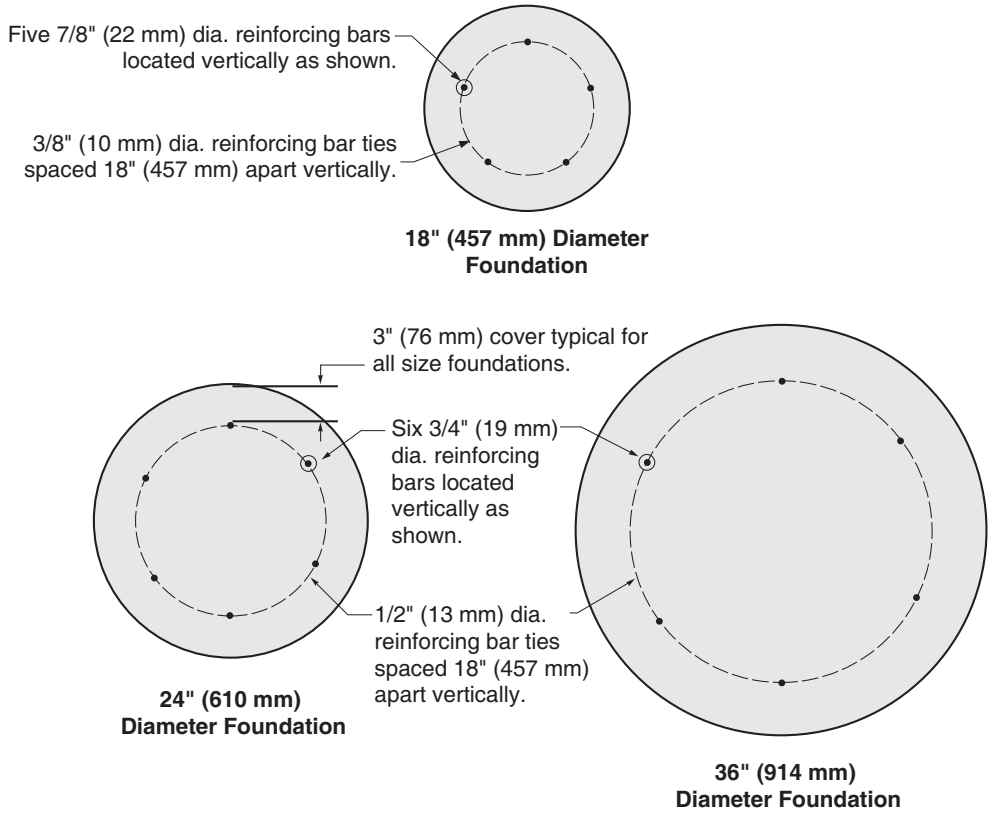

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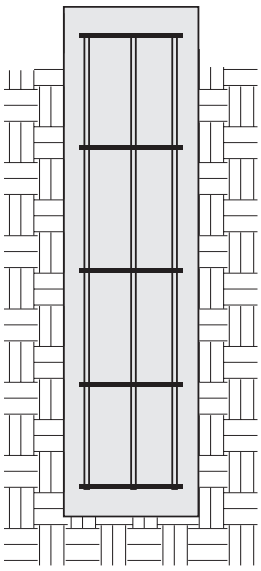
Typical Elevation



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