

BOLT BASE INSTALLATION GUIDE

TOLL FREE: 1-800-705-1446 WE CAN HELP!

CALL BEFORE YOU DIG

No matter where you do business, the gas, electric, cable TV, water, and sewer lines that serve you may very likely be underground. If you are planning a project that involves digging, state laws require you to notify your utility company at least three working days in advance. Most will come to your premise at no charge to mark the buried utilities on your property, so they won't be cut or damaged by you or your contractors. It's one phone call that can save time, money – and your life!

POUR CONCRETE PYLON

- 1) Measure and mark a 12"-18" diameter Sontube concrete form at the desired length. Length will vary depending on the height of the lamp post and local recommendations. 24" to 48" burial depth are common for most conditions. Cut the form at the mark.
- 2) Stand the concrete form at the location of the lamp post. Mark the outside edge of the form and set form aside. NOTE: The form can protrude above ground 2"-4" to provide protection for the finished lamp post from ground moisture and yard equipment.
- 3) Dig hole accordingly to fit form vertically to the desired depth. If running electrical conduit through concrete base, place conduit in appropriate direction and place concrete form into hole. Level the concrete form.
- 4) Prior to mixing concrete, prepare j-bolt concrete anchors by attaching to bolt template (provided). Place the template with attached bolts in a convenient place near concrete form.
- 5) Backfill the outside of form as necessary, checking the top of the form with 2' level. Tamp the soil to secure form.
- 6) Pour dry concrete mix to desired depth into concrete form. Add water and mix with electric drill and mixing paddle. Mix to desired consistency through to the bottom of the form.
- 7) Firmly press j-bolt/template assembly into the center of the liquid concrete to the desired orientation so that all threads are exposed above concrete surface.
- 8) Allow 48 hours for concrete to cure prior to attaching lamp post.

ATTACH LAMP POST

- 1) **NOTE:** Contract a certified electrician to pull wiring prior to attaching lamp post.
- 2) Remove (1) nut and (1) washer from each j-bolt. Remaining nut should be fully threaded onto each j-bolt with one washer remaining on top. Slide post and bolt-base onto j-bolts being sure to orient the electrical door in desired direction.
- 3) Place second washer and loosely add nut to each exposed j-bolt.
- 4) Place a 2' level on each side of post and turn bottom nut until post is position properly. Tighten the top nut completely to secure attachment.

COMPLETE ELECTRICAL CONNECTION

- 1) Complete wiring process by removing electrical door and pulling wiring to top of post.
- 2) Easily remove and reattach lamp head for wiring purposes by loosening set screws.

ADD POST CONNECTION

- 1) To complete installation, attach 2-piece pole base. Once attached, the base will seat onto concrete pylon and cover the electrical door and bolt-base.

