

Supplied Hardware

- **Base (Parts Kit: CP6PK)**

- (1) Base Casting
- (1) Door Casting
- (2) 1/4" x 1/2" Hex Head Bolt
- (1) 14-4 Copper Ground Lug
- (1) 1/4" Internal Lock Washer
- (2) 3/8" x 3/4" Set Screw*

- **Cable Tether (Parts Kit: CTPK)**

- (1) 5/16" x 7" Hex Head Bolt
- (1) 18" Cable Looped Assembly
- (1) 5/16" Spring Lock Washer
- (1) 5/16" Galvanized Hex Nut
- (2) 5/16" Flat Washer
- (1) 5/8" Galvanized Jam Nut
- (2) 5/8" Flat Washer

- **Anchor Bolt Kit (Parts Kit: 25ABPK)**

- (4) 5/8" x 7-1/2" Stainless Steel Rod
- (4) 5/8" Galvanized Hex Nut
- (4) 5/8" Flat Washer

- **Top Cap (Parts Kit: 4840TCSSPK)**

- (1) Top Cap Casting
- (3) 1/4" x 3/8" Set Screws
- (1) 1/2" Insulating Sleeve
- (2) IN1/420 1/4" Insert Nuts

- **Pipe**

*Use if Cable Tether is not specified/supplied in order.

Installation Notes

- Wear approved and specified protective gear during the installation process.
- Apply anti-seize lubricant on all threaded surfaces during the installation process.
- Use specified epoxy for anchor bolt installation.
- Use appropriate setting tool for insert nut installation.
- Feed wire and connect mounted devices as needed throughout the installation process.
- **TORQUE WRENCH VALUES:**
 - 1/4" Bolt: Seven ft-lbs. (7 ft-lbs.)
 - 5/16" Bolt: Eleven ft-lbs. (11 ft-lbs.)
 - 5/8" Anchor Bolt: Ninety-Four ft-lbs. (94 ft-lbs.)
 - 5/8" Cable Tether Jam Nut: Twenty-Five ft-lbs. (25 ft-lbs.)



Insert Nut Install

- Assembly Questions? Call 952-467-4402 or email freymfg@freymfgcorp.com

Installation

• Install Anchor Rods into Concrete

- Use template to mark locations of anchor bolts.
- Using a 3/4" Concrete Drill Bit, drill 5" deep holes into the concrete on the marked locations.
- Clear hole of debris and dust for optimal application.
- Apply specified epoxy into the holes.
- Insert the anchor rods with a twisting motion until 2-1/2" of anchor rod is protruding from the hole.
- Let epoxy cure per epoxy manufacturer's recommendations.

• Fasten Copper Ground Lug on Base

• Fasten Base to Anchor Rods

- Place the base casting over the anchor rods.
- Use a level and leveling shim(s), if needed, to plumb the base.
- Place one 5/8" Flat Washer over each anchor rod.
- Fasten with one 5/8" Galvanized Nut on each anchor rod.

• Install Cable Tether on Anchor Rod*

- Looking through the door opening, install the cable tether on the back-left anchor rod.
- Place one 5/8" Flat Washer over the anchor rod.
- Place one end of the looped cable assembly over the anchor rod.
- Place a second 5/8" Flat Washer over the anchor rod.
- Fasten using the 5/8" Galvanized Jam Nut.

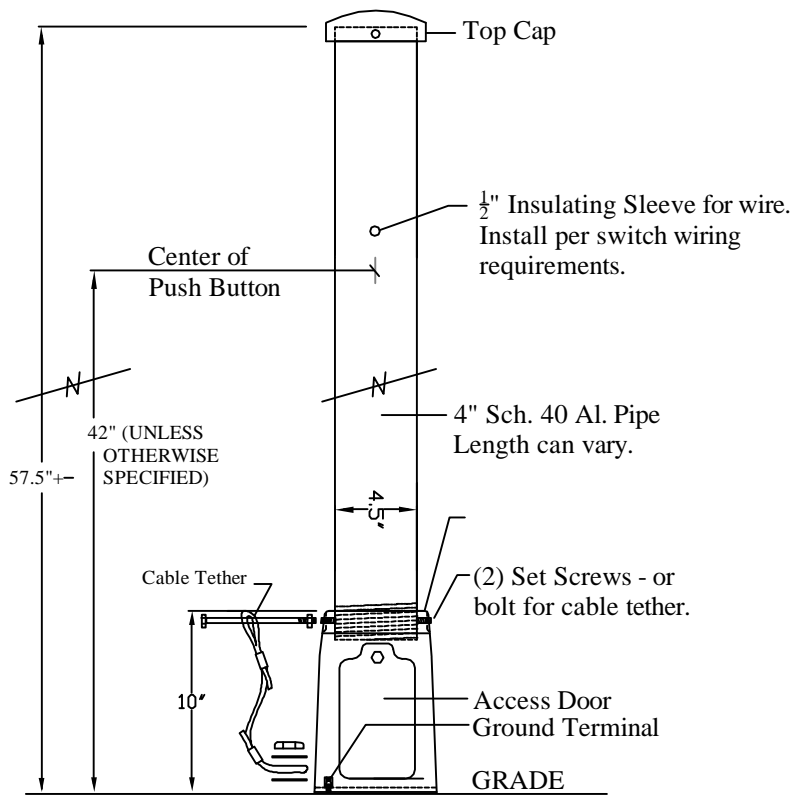
• Secure Top Cap on Pipe

• Fasten Pipe on Base

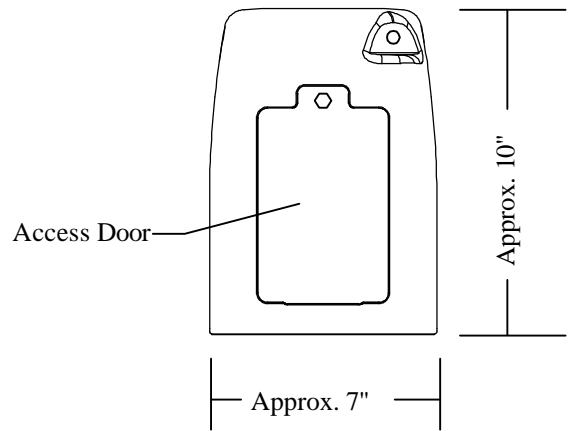
- Thread the pipe into the base. Ensure there is no wobble or movement between the pipe and base.
Do not use pipe threads for directional adjustment of signals.
- Secure Pipe to Base with one of the following: *
 - Install the 3/8" x 3/4" set screws at the top of the base and into pipe threads.
 - Install Cable Tether Kit.
 - Using an 11/32" bit, drill through the 3/8" threaded holes in the top of the base and through the pipe on both sides of the base and pipe.
 - Install the 5/16" x 7" thru-bolt through the base and pipe making sure to pass through the remaining end of the looped cable tether assembly inside the base.
 - Fasten thru-bolt with supplied hardware.
- If an APS/Button is specified on the pole, mount with the supplied insert nuts.

• Install Base Door on Base

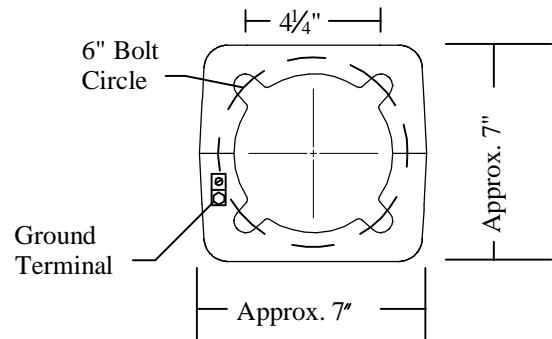
*If the Cable Tether is not specified/supplied, use 3/8" x 3/4" Set Screws.



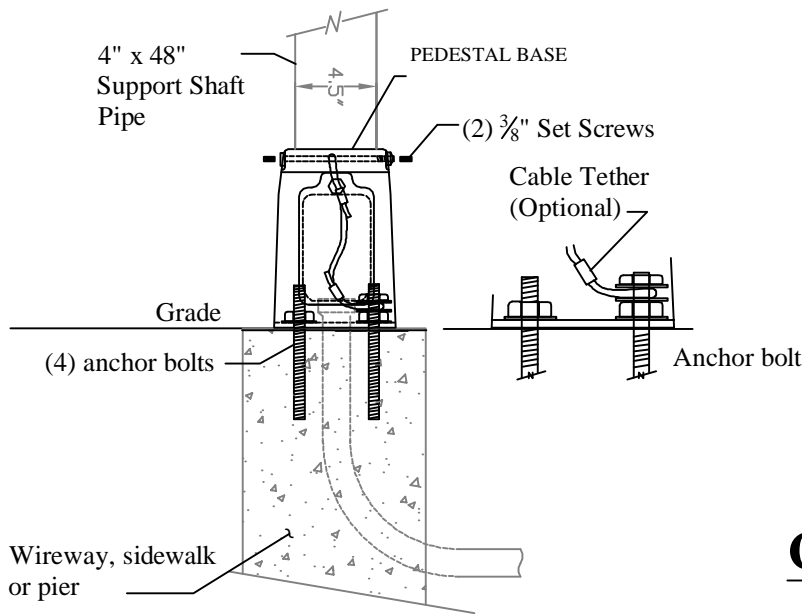
CROSSWALK PEDESTAL ASSEMBLY



BASE SIDE VIEW



BASE BOTTOM VIEW



BASE MOUNTING

Crosswalk Pedestal

NOT TO SCALE

HARDWARE MEETS OR EXCEEDS STATE SPECIFICATIONS

FREY
Manufacturing Corp.
www.FreyMfgCorp.com

Patent 9493918
Made in USA
Phone: 952-467-4402

CROSSWALK PEDESTAL
Generic Installation

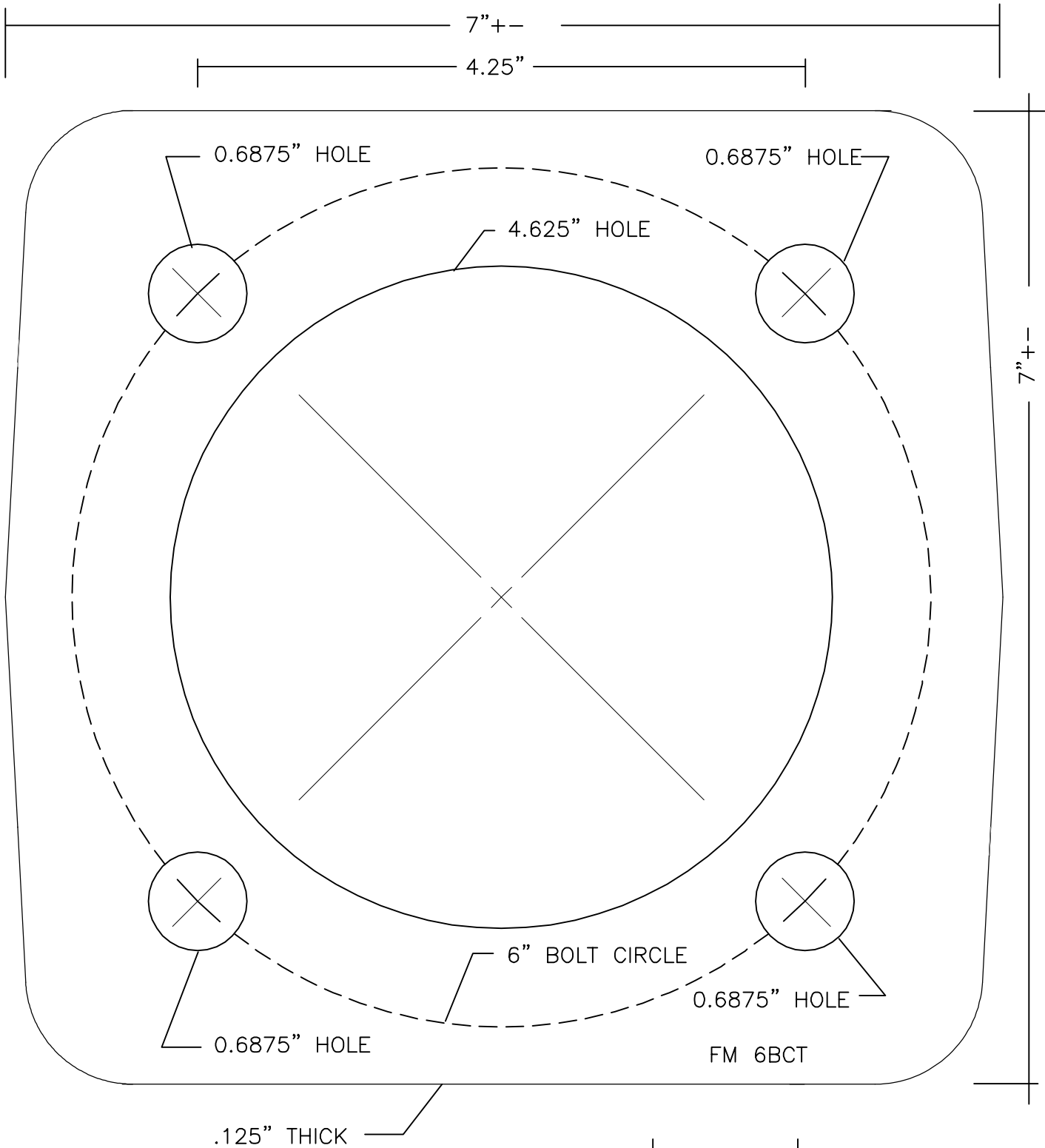
DATE
11-30-17

DWG. NO.

8.3.0

REV.

-



Scale: 1"=1"

DRAWING CAN BE PRINTED FULL SCALE.
 IF THIS LINE IS NOT 1 INCH LONG,
 ADJUST MEASUREMENTS ACCORDINGLY.
 DO NOT PHOTOCOPY ORIGINAL.