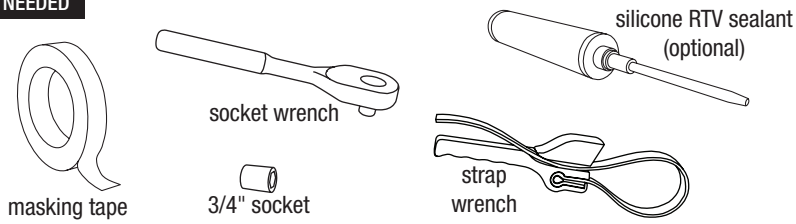
LIGHT COLUMN BOLLARD

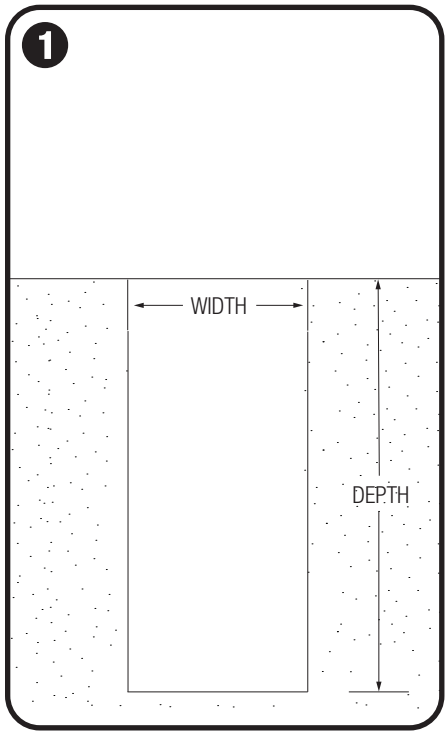
S10 SECURITY CORE INSTALLATION INSTRUCTIONS

MATERIALS INCLUDED

TOOLS NEEDED

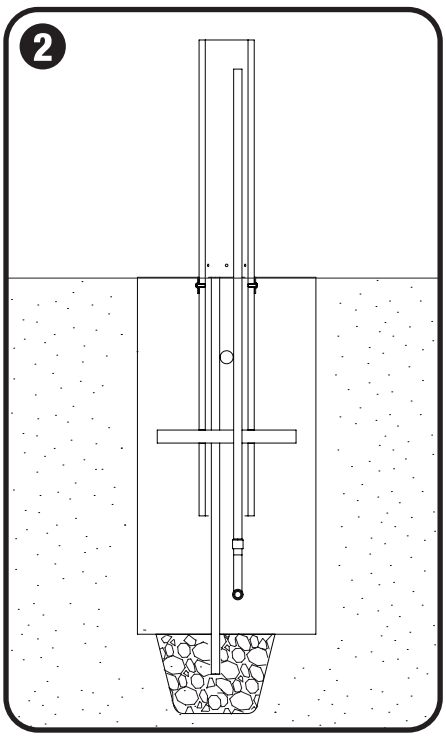


STEP BY STEP FOR ALL LIGHT COLUMN BOLLARDS WITH S10 SECURITY CORE



Create space for footer

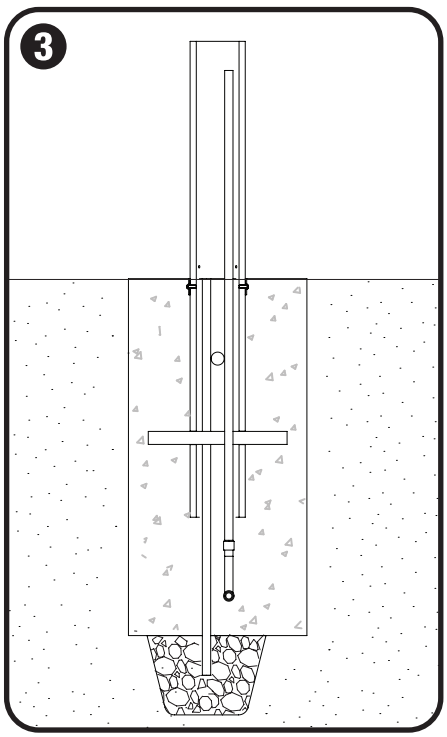
- A sufficient footer size depends on frost and other conditions to be determined by the installer. A minimum of an 18" x 18" wide x 36" deep footer is recommended for a single S10-P1 bollard installation.



Prepare foundation and position security core

- Refer to foundation detail drawings for specifications required to support S10 security rating.
- Position security core in desired final location and prepare rebar per foundation drawings.
- The bottom of the base plate should be level with the ground surface.

  NOTE: The security core also serves as a conduit path.



Pour concrete foundation

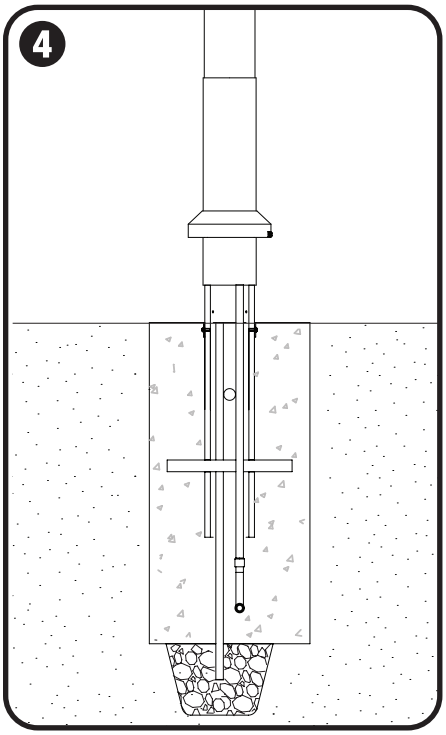
- Mix and pour concrete according to concrete manufacturer's instructions.
- As soon as concrete is poured, verify levelness.
- Allow concrete to cure completely according to concrete manufacturer's instructions before removing any temporary supports or installing fixture.

  NOTE: Security core will need to be free of moisture prior to fixture installation.

LIGHT COLUMN BOLLARD

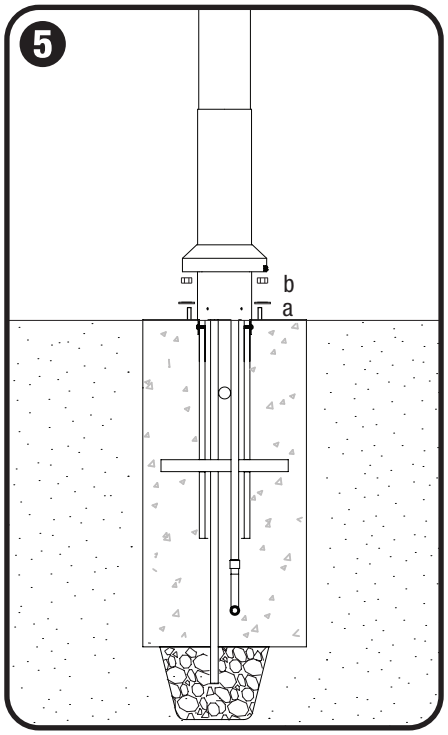
S10 SECURITY CORE INSTALLATION INSTRUCTIONS

STEP BY STEP **FOR ALL LIGHT COLUMN BOLLARDS WITH S10 SECURITY CORE**



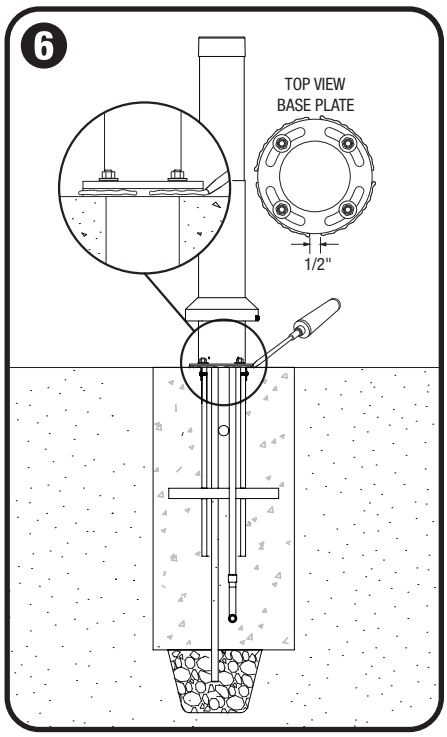
Position bollard over security core

- Inspect security core for moisture. If moisture is present, dry immediately before installing fixture. Do not install fixture unless security core is completely dry.
- Slide bollard over security core so threaded pegs slide through holes in bollard base plate.
- Carefully use masking tape to tape escutcheon cover further up the body until installation is complete.



Attach bollard to security core

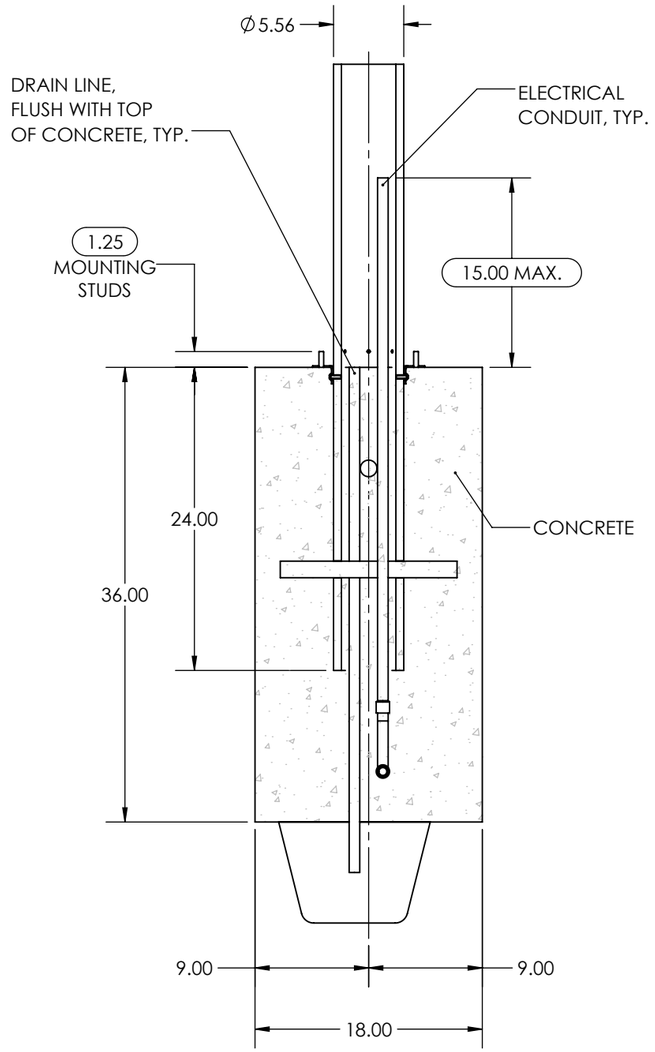
- Slide 1/2" washer (a), then thread 1/2"-13 nut (b) onto each threaded peg.
- Use 3/4" socket and socket wrench to tighten all nuts until snug.



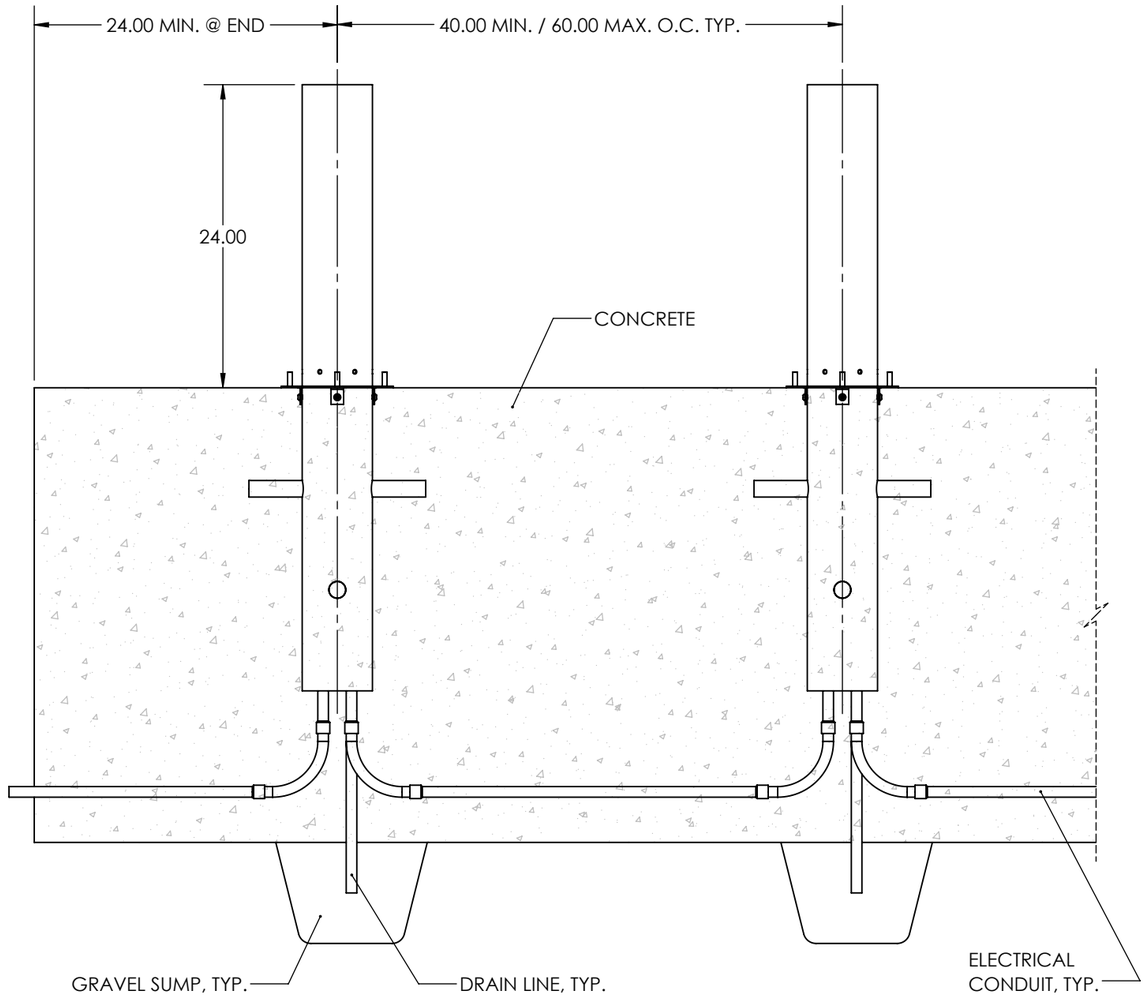
Apply sealant to permanently attach escutcheon cover (optional) and lower onto base

- Apply a thick bead of silicone RTV sealant around the vertical edge of the base plate.

  NOTE: Leave four 1/2” gaps to allow for water drainage.
- Lower escutcheon cover to ground level and wipe away any excess sealant.



END VIEW (PARTIAL SECTION)



SIDE VIEW (PARTIAL SECTION)

NOTES:

1. FOOTINGS HAVE BEEN DESIGNED TO BEAR ON UNDISTURBED SOIL OR PROPERLY COMPACTED ENGINEERED FILL ASSUMING A NET BEARING CAPACITY OF 3000 PSF.
2. CONCRETE WORK SHALL BE DONE IN ACCORDANCE WITH THE "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318) AND THE SPECIFICATIONS FOR STRUCTURAL CONCRETE (ACI 301)OF THE AMERICAN CONCRETE INSTITUTE (EDITIONS AS REQUIRED BY GOVERNING CODE).
3. CAST-IN-PLACE CONCRETE SHALL BE NORMAL WEIGHT CONCRETE WITH A MINIMUM 28-DAY COMPRESSIVE STRENGTH (F'C) OF 5000 PSI UNO.
4. PROVIDE 6% (+/-1.5%) AIR ENTRAINMENT IN CONCRETE EXPOSED TO FREEZE/THAW.

REV.	DESCRIPTION	REVISED BY	DATE
0	INITIAL RELEASE	----------	----------

UNLESS OTHERWISE SPECIFIED:
1. PRIMARY DIM. ARE IN INCHES & SECONDARY [DIM] IN MM
2. TOLERANCES
FRACTIONAL: ±1/32 ; ANGULAR/BEND: ±1°
TWO PLACE DECIMAL ±.030
THREE PLACE DECIMAL ±.020
3.REMOVE ALL BURRS AND SHARP EDGES
THIRD ANGLE PROJECTION

MATERIAL: N/A
FINISH: N/A
WEIGHT: N/A
SCALE: NOT TO SCALE

FORMS+SURFACES
30 Pine Street, Pittsburgh, PA 15223
Tel (412) 781-9003 Fax (412) 781-7840

	NAME	DATE
DWN	RTS	06/07/22
CHK		

DO NOT SCALE DRAWING

DESCRIPTION:
FORMS+SURFACES
S10-P1 SECURITY CORE, LIGHT COLUMN CONTINUOUS STRIP FOUNDATION

SIZE	DWG. NO.	REV	SHEET
B	S10-LBHLO-INSTALL	0	1 OF 1