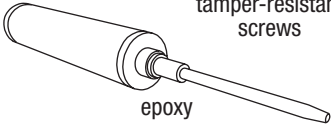



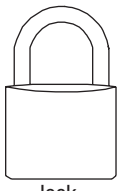

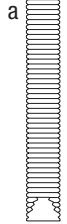

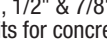






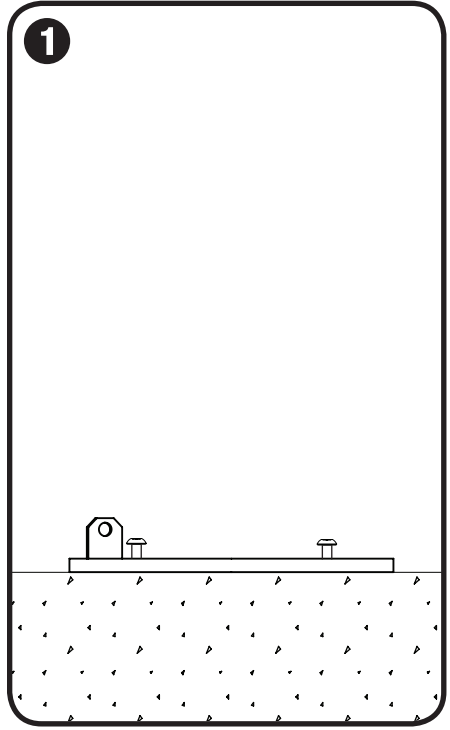


LIGHT COLUMN BOLLARD

REMOVABLE BASE INSTALLATION INSTRUCTIONS

MATERIALS INCLUDED		TOOLS NEEDED			
	5/16" hex bit for tamper-resistant screws				
					
					
					
					
					

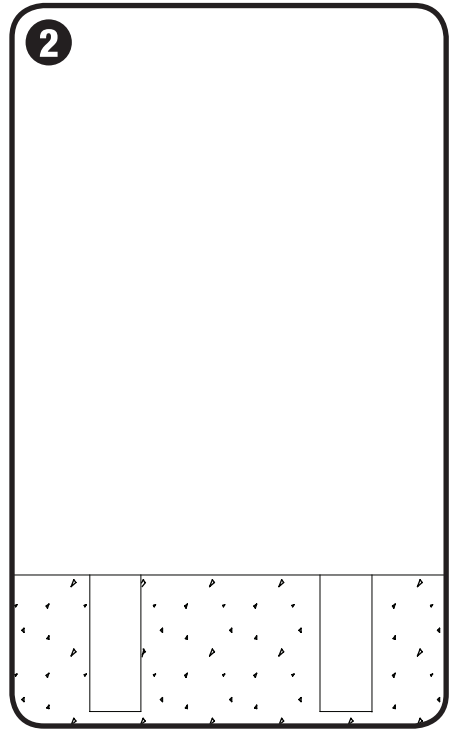
STEP BY STEP FOR ALL LIGHT COLUMN BOLLARDS WITH REMOVABLE BASES



1

Mark hole locations

- Place bollard's base plate in desired bollard location. Mark center of each hole location with a pencil.

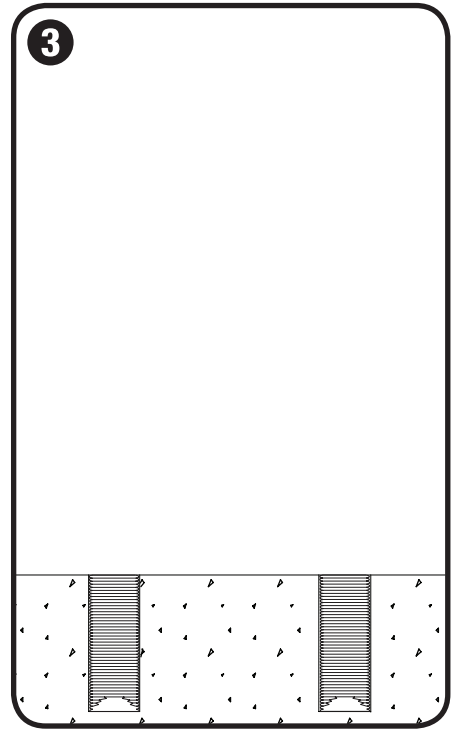


2

Drill holes

- Use hammer drill to drill 5" deep x 7/8" diameter anchor hole at each marked location using a 7/8" drill bit suitable for concrete drilling.

NOTE: Forms+Surfaces recommends starting holes with 1/4" diameter drill bit followed by 1/2" and finally 7/8" for maximum accuracy.



3

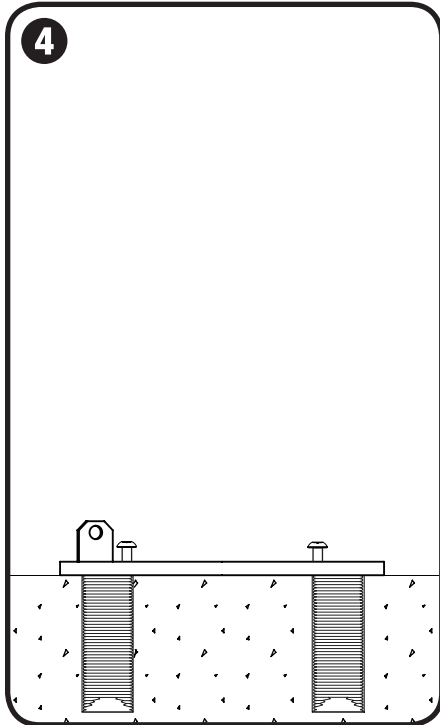
Fill holes & insert anchors

- Use compressed air and steel wire brush to clean each anchor hole in accordance with epoxy instructions.
- Use epoxy in epoxy gun to fill each anchor hole 5/8 of the hole depth in accordance with epoxy instructions.
- Insert 1/2"-13 x 5" epoxy anchor (a) into each anchor hole so anchor top is flush with ground. Allow proper curing time according to cure schedule on epoxy instructions before moving on to Step 4.

LIGHT COLUMN BOLLARD

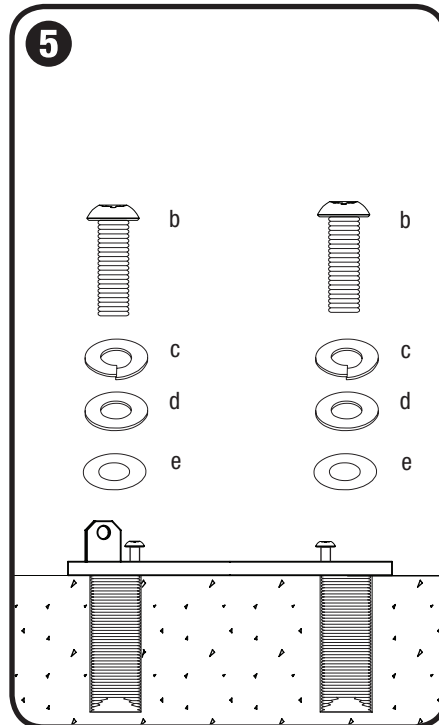
REMOVABLE BASE INSTALLATION INSTRUCTIONS

STEP BY STEP FOR ALL LIGHT COLUMN BOLLARDS WITH REMOVABLE BASES



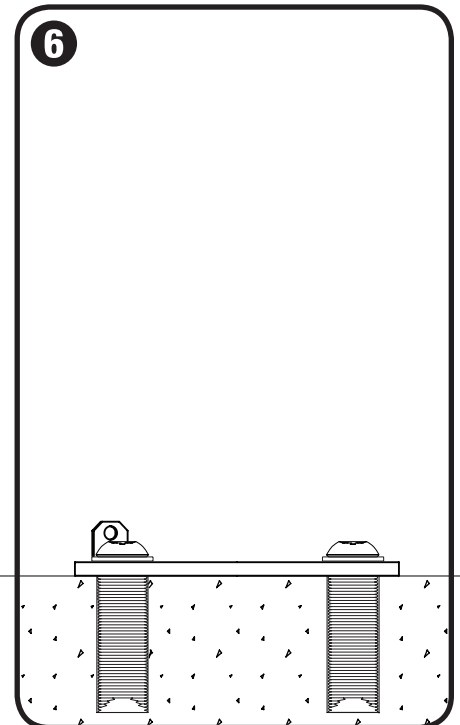
Position base plate

- Position base plate so that mounting holes line up with anchors.



Attach base plate

- Slide 1/2" stainless steel lock washer (c), 1/2" stainless steel flat washer (d), and 1/2" nylon flat washer (e) onto each 1/2"-13 x 1-1/2" tamper-resistant button head cap screw (b).
- Insert screws into mounting holes in base plate and thread into anchors using provided 5/16" hex bit for tamper-resistant screws.



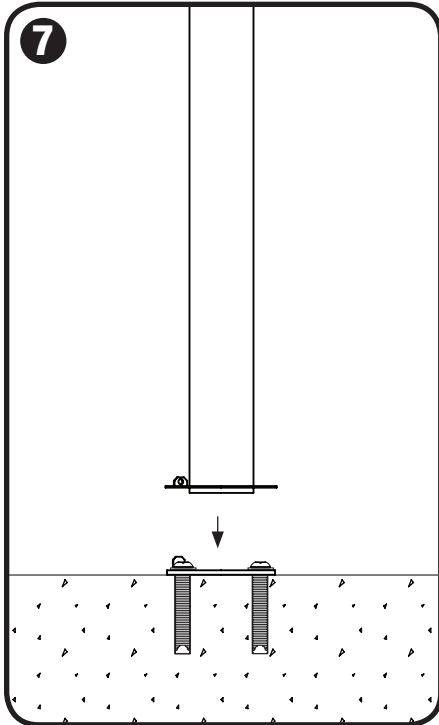
Tighten bolts

- Tighten screws until snug.

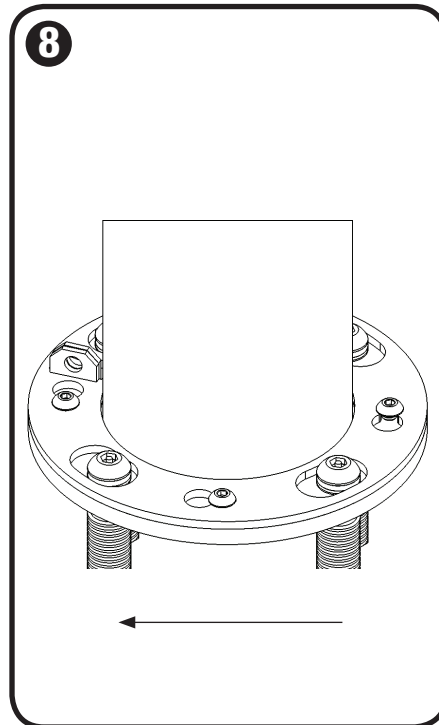
LIGHT COLUMN BOLLARD

REMOVABLE BASE INSTALLATION INSTRUCTIONS

STEP BY STEP FOR ALL LIGHT COLUMN BOLLARDS WITH REMOVABLE BASES



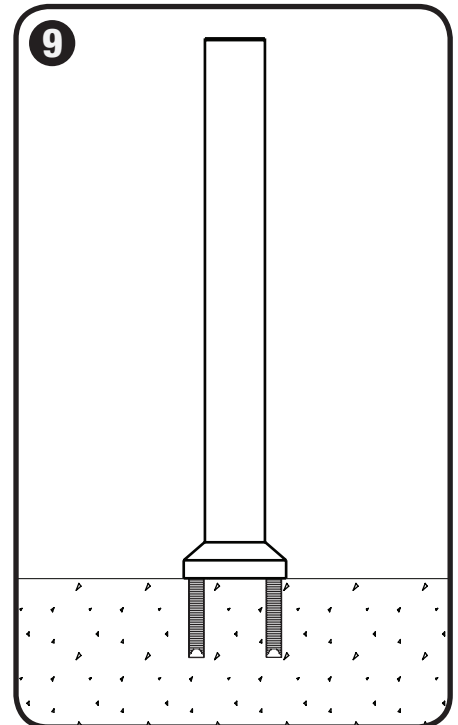
Slide bollard over base plate



Rotate bollard

- Engage screws by turning the bollard clockwise.
- Put lock through hasp.

NOTE: Lock supplied by others.



Lower escutcheon cover over bollard

- Slide escutcheon cover over bollard and lower escutcheon cover to ground level.