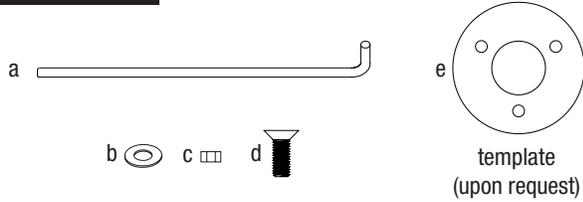


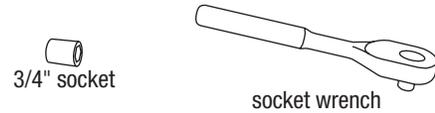
# CYRCA™ BOLLARD

## SURFACE MOUNT WITH J-BOLTS INSTALLATION INSTRUCTIONS

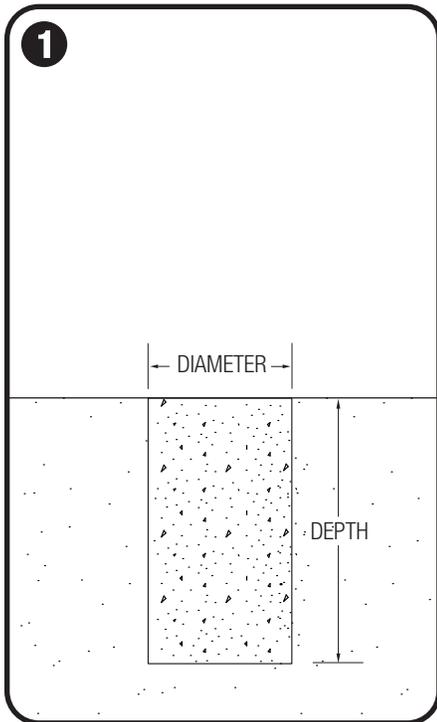
### MATERIALS INCLUDED



### TOOLS NEEDED

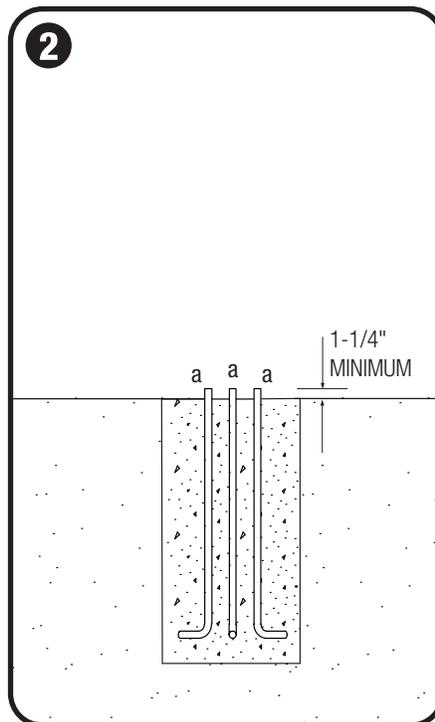


### STEP BY STEP INSTALLATION INSTRUCTIONS FOR ALL SURFACE MOUNT CYRCA BOLLARDS



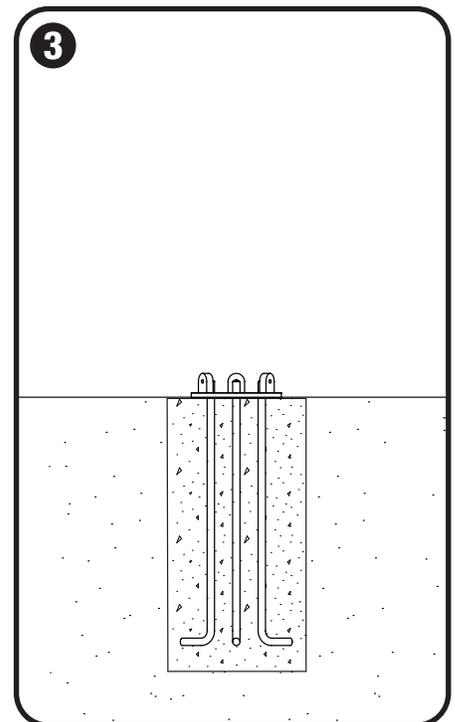
#### Pour concrete footer

- Mix and pour concrete footer according to concrete manufacturer's instructions.
- A sufficient footer size depends on frost and other conditions to be determined by the installer.
- A minimum of a 16" diameter x 20" deep footer is recommended.



#### Insert J-bolt anchors

- Insert 1/2"-13 x 18" galvanized steel J-bolt anchors (a) into concrete.
- Use template to position J-bolt anchors in proper locations. Tops of J-bolt anchors must be a minimum of 1-1/4" above concrete surface.
- Allow concrete to set completely, in accordance with concrete manufacturer's instructions, before moving to step 3.



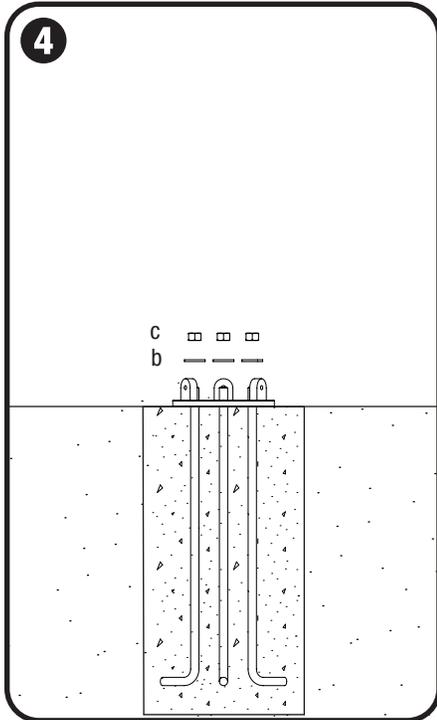
#### Slide base onto J-bolt anchors

- Slide base plate over J-bolt anchors and lower base to concrete level.

# CYRCA™ BOLLARD

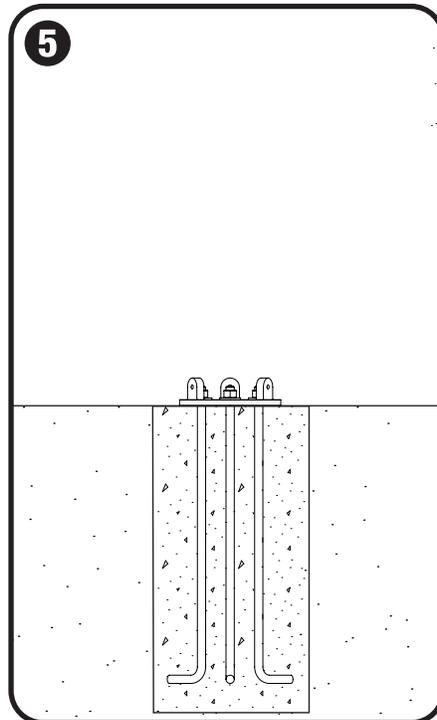
## SURFACE MOUNT WITH J-BOLTS INSTALLATION INSTRUCTIONS

### STEP BY STEP INSTALLATION INSTRUCTIONS FOR ALL SURFACE MOUNT CYRCA BOLLARDS



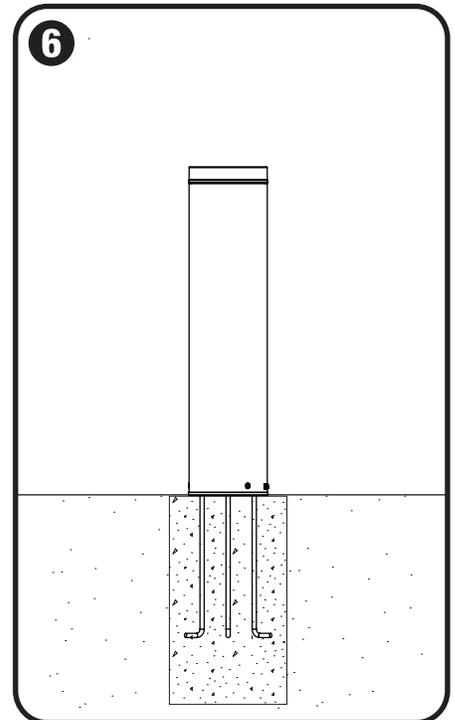
#### Attach base

- Slide 1/2" washer (b), then thread 1/2"-13 nut (c) onto each J-bolt anchor.



#### Tighten nuts

- Use 3/4" socket and socket wrench to tighten all nuts until snug.



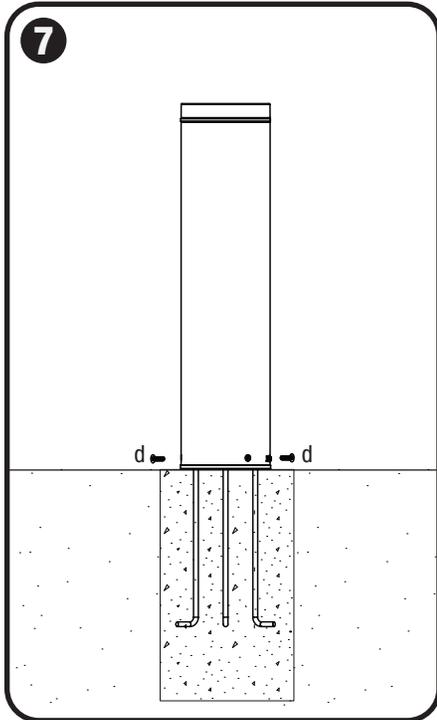
#### Place bollard

- Slide bollard over base plate, lower and align mounting holes.

# CYRCA™ BOLLARD

## SURFACE MOUNT WITH J-BOLTS INSTALLATION INSTRUCTIONS

### STEP BY STEP INSTALLATION INSTRUCTIONS FOR ALL SURFACE MOUNT CYRCA BOLLARDS



#### Attach bollard to base plate

- Thread 5/16"-18x1" tamper-resistant flat head screws (d) into each hole.
- Use provided T40 Torx bit for tamper-resistant screws to tighten all screws until snug.