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 13” 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 (included) 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 plate onto J-bolt anchors
- Slide base plate over J-bolt anchors and lower to concrete level.
STEP BY STEP FOR ALL KNIGHT BOLLARDS

4. Attach base plate & tighten
   • Slide 1/2" washer (b), then thread 1/2"-13 nut (c) onto each J-bolt anchor.
   • Use socket wrench and 3/4" socket to tighten all nuts until snug.

5. Slide bollard onto base plate
   • Slide bollard over base plate and lower.

6. Attach bollard to base plate
   • Thread 1/4"-20 x 3/4" tamper-resistant flat head cap screw (d) into each hole.
   • Use provided 5/32" hex bit for tamper-resistant screws to tighten all screws until snug.