

## **City Post SM** **Installation Procedures**

### **A) Important Notice**

Follow all instructions on this page and those included with the Hilti HCA anchor bolts carefully. Failure to do so may reduce anchor performance and result in premature failure in the field.

### **B) Tools Needed**

- 1) SDS Hammer Drill
- 2) Suitable power source for the drill
- 3) Hilti 3/8" diameter Masonry drill bit (3/8-6 Part #435006)
- 4) Air Source for cleaning holes and possibly powering impact wrench
- 5) Impact Wrench or socket set for tightening bolts
- 6) Hammer

### **C) Positioning post for installation:**

There is no wrong or right position of the bolt holes as the post is cylindrical, it has been tested in all orientations and no performance differences can be found.

- Recommended practice – position the bolt holes so that two bolts on each side when lined up run parallel to flow of traffic. This will ensure future developments to the product line can be used with these holes.
  - Quick visual check the CITY POST logo on the base can be positioned at 0°, 90°, 180° or 270° to the flow of traffic for the recommended practice.

### **D) HILTI HCA Coil Anchor Bolts**

- 1) Position the post assembly over the intended installation point.
- 2) Carefully drill through one bolt hole to establish the first anchor point
- 3) Drilling to a depth of ½" beyond the length of the bolt, remove drill bit from hole
- 4) Using an air source clean out the hole
- 5) Taking a bolt assembly, ensure the coil is on the tip; a washer is on the bolt then insert that through one of the openings on the base.
- 6) Using a hammer tap the bolt/washer/coil assembly into the hole till it bottoms, it should stop about ¾" above the base.  
**NOTE:** Make sure the tip of the coil makes contact with the bottom of the hole. If it does not it will not lock up and will pull right out.
- 7) Tighten the bolt down with an impact wrench or socket wrench.
- 8) Repeat steps 1 -5 for the remaining 3 bolts until all four bolts are installed.

### **E) Important Notice To Purchaser**

NOTE: The Hilti HCA Coil Anchor Bolts is the only approved anchor for the City Post SM Surface Mount post. The use of any other anchor bolt will void all relevant product warranties.

The following is made in lieu of all warranties, expressed or implied, including the implied warranties of merchantability and fitness for purpose: Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith. Neither manufacturer nor seller shall be liable either in tort or in contract for any loss or damage, direct, incidental, or consequential, arising out of the use of or the inability to use the product.

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