

Placement of SQ8 & SQ10 Slipbase System

1. Drill or dig hole with a minimum width of 12" and to a depth called for by local standards or 42" minimum.



2. Fill the hole with a structural concrete having a minimum yield of 2000 lbs. or as required by local standards.



3. If you are deploying the two-piece anchor, continue to step 4. If you are placing the solid anchor, skip to step 5.

4. Place the ground stub insert into the anchor. Insert the 3/8" X 3-1/2" shoulder bolt through the anchor and into the smaller (7/16") hole on the stub. The head of the bolt will protrude approximately 1/4" from the anchor wall. Put a 3/8" flanged hex nut on the end of the bolt and tighten. Repeat with the other hole.



5. Center the anchor in the hole and slowly press it down until the stub triangular plate is a maximum of 3" from the ground line. Properly align the anchor to oncoming traffic. This will ensure that when the casting and post are attached the sign will be correctly aligned to traffic.



Level the base to make sure it does not drift off level while concrete sets.



6. Place bolt retainer plate on top of the ground stub. Place the 8" casting on top of the retainer plate and align with ground stub slots. With a washer on the 1/2" X 3" hex bolt, insert it up thru the ground stub base, keeper plate, and upper casting. Put a 1/2" hex nut and washer on the bolt and hand tighten. Repeat with the other two 1/2" X 3" hex bolts. Using a torque wrench with a socket and a wrench, tighten the three nuts. The torque wrench should start at the center of the nut and pull toward the base to avoid tearing the retainer plate. Torque all three nuts to 40 ft-lb min. / 80 ft-lb max. Then, check the first nut again to make sure it did not shift. The casting is now in place for the post.



7. Attach the sign to the post per plans/standards.



8. Lift and insert the post into the casting. Align the sign facing traffic. Insert a 3/8" X 3 1/2" shoulder bolt through one slot of holes in the casting and post. Attach a flanged hex nut and tighten. Repeat with other set of holes.

