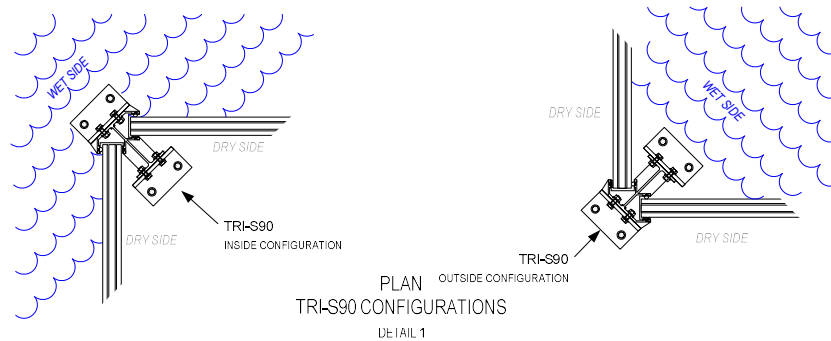


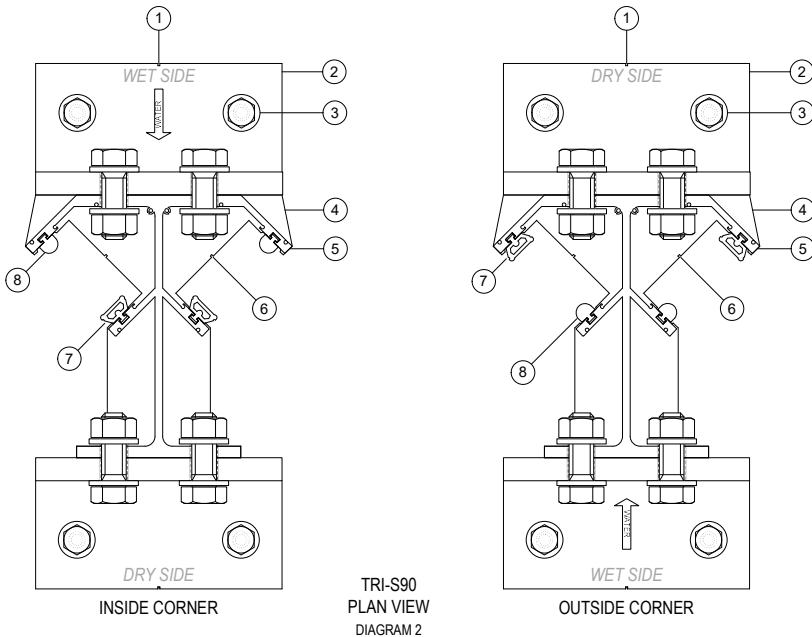
INSTALLATION OF A TRI-S90 INTERMEDIATE CORNER POST

TRI-S90 INTERMEDIATE STANCHION POST

The TRI-S90 (DIAGRAM 2) is the corner post for the Triton Stoplog System. It alters the run of the barrier by 90 degrees and configured either and inside or outside corner (DETAIL 1). This post is to be used within a run of barrier section and is able to terminate the barrier run.



It connects to the ground with 4 bolts. These bolts are located on the bottom angle and connect to internal threaded epoxy anchors set within the floor, with anchor sizing varied for protection height.



TRI-S90 COMPONENT DIAGRAM

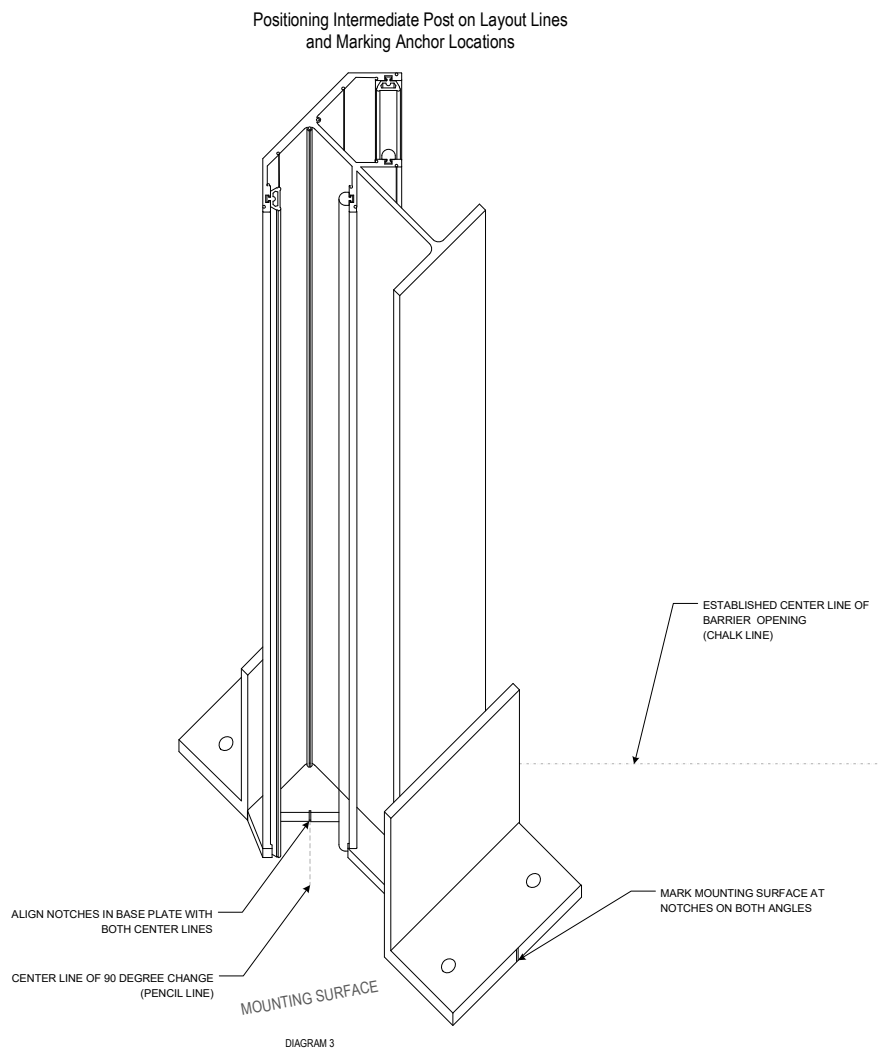
1. CENTERLINE NOTCH
2. BOTTOM ANGLE
3. BOLT HOLE TO GROUND ANCHOR
4. BASE PLATE
5. TRI-S90 EXTRUSION
6. CENTERLINE NOTCH
7. WET-SIDE VERTICAL GASKET
8. DRY-SIDE VERTICAL GASKET

Establishing the location of the TRI-S90 Intermediate Post

In order to determine the installation location of the TRI-S90 within the opening; it requires a minimal of one established barrier center line (chalk-line) to reference off of.

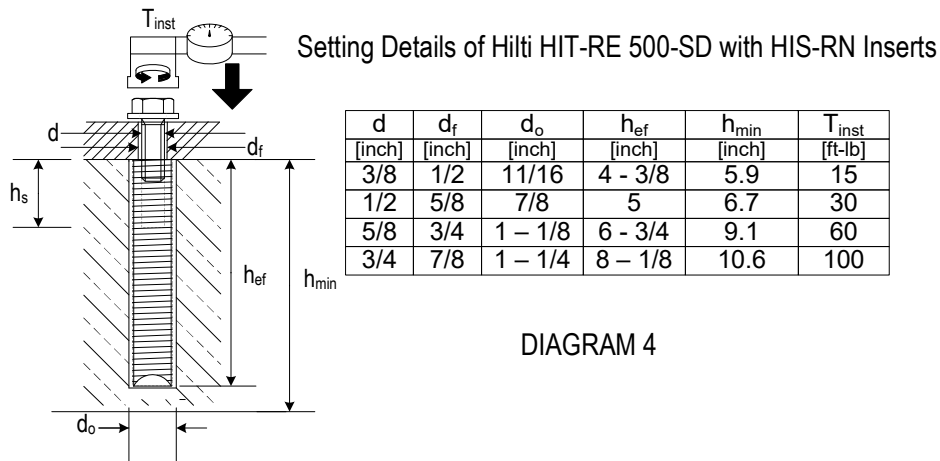
REFER TO THE PROJECT'S SHOP DRAWINGS FOR THE LAYOUT TYPE AND DESIGNED CENTERLINE DIMENSIONS/LOCATIONS

1. Once the barrier center line has established and shop drawing referenced to identify reference location for the centerline of the 90 degree change of direction.
 - a. Place a pencil mark at the identified location and using a framing square carry that mark out (in the direction the barrier section will run) about 6".
 - b. Set the TRI-S90 into position by aligning the notches in the base plate with the center lines established in step (a)(DIAGRAM 3)
 - c. Mark the mounting surfaces at the notch locations on the bottom angle. This just provides another reference location for placing the post.



Installing the TRI-S90 Intermediate Post

1. Transfer the Bolt Holes locations on the Angles to the Ground
 - a. Recommended Using a Concrete Bit the Size of the Holes (Reference Diagram 8- d_f) to just mark the concrete. This will give an accurate center point.
 - b. Remove Post
2. Using the Drill Bit Size Required for the Hilti HIS-RN Anchor Drill Anchor Holes to Required Depth(Reference Diagram 8 – h_{ef})
3. Clean Out Holes of debris and any water
 - a. The Hilti HIT-RE-500-SD epoxy does not require that concrete be dry prior to use.
4. Install Hilti HIS-RN Anchors with HIT-RE-500-SD
 - a. Reference Manufacturers Installation Instructions (www.hilti.com)
 - b. Allow Epoxy to properly cure prior to use



5. Reset Post into position and attach with bolts and washers
 - a. Bolts should be tighten to proper Torque Settings (Reference Diagram 8)
6. Post is now ready to accept StopLog Blades.

Bolt types for Intermediate Post

All Intermediate Posts have 2 types of bolts

When the system is in use Hex Head Bolts with Washers (4 per post) connect the post to the epoxy anchor. The bolts should be tightened to torque settings in Diagram 4

When the system is not in use, a cover or blanking bolt is used. The purpose of the blanking bolt is to protect the internal threading of the epoxy anchor and to provide a more aesthetic finish for the system when not in use.

