

Installation of the Floor Support System

1. Determine the location of the floor support system.
2. Excavate the footing pad location, and prepare and compact base material. (Most typically, the base material is “clean rock” that is tamped into place.)
3. Measure and cut the high-capacity post to length. The post comes in a standard length and the contractor can cut the post to the proper length and re-insert into the post pad.
4. Install the support column to the underside of the load beam and secure.
 - A standard lag bolt can be used to secure the saddle portion of the ISC to the load beam. There are pre-drilled holes in the saddle that can accept a 3/8” x 2” long lag bolt.
 - Understand your local codes to determine if the support column base needs to be secured in concrete.
5. Transfer the floor system load to the support column and make any final adjustments.
 - The threaded bar supporting the saddle can be adjusted 6 inches and tightened with an adjustable wrench to transfer the load to the support column.
 - An alternate method is to use a bottle jack to raise the floor joist to level, set the support column in place snugly, and transfer the load by releasing the bottle jack.

