



ATTACHING 3-1/4" CORE TO FLOOR

Tools Required:

1/2" Hammer drill
Masonry drill bit - 12" long minimum
and diameter to fit floor anchor
Socket set with 1/2" & 9/16" socket
1/2" & 9/16" Combination wrench
Philips Screw Driver No. 2 & 3 Tips
Hammer

Hardware Include in PLCH0325-KIT A included with core:

6 Nuts, 5/16 -18	2 Floor clamp
4 Nuts, 3/8 -16	2 Locking angles
4 HHCS, 3/8 -16 x 2-1/2", grade 5	4 Washers, 3/8"
2 HHCS, 5/16 -18 x 3-1/2", grade 5	2 Spacer

Note 1: Floor anchors are supplied by the installer. All floor anchors must be installed in order to achieve the maximum load ratings.

Note 2: Core base panel is not shown to improve clarity.

1. Determine the location of the 3-1/4" core assemblies and snap a chalk line down the center of the assembly.
2. Determine the highest floor elevation point on the floor for the core assembly. Note: All cores within this assembly will be leveled to this point with a 1" space (A) between the bottom of the core and high point elevation location. This space is required for accessibility to core levelers and installation of the base molding support angle, (L).
3. Remove the side closure panels (not shown). Then remove the base panel (not shown) by removing screws (B) to gain access to core for floor clamps installation.
4. Place the first core in position and attached the floor clamps (C) to the core (see Detail A) with the head of the HHCS 3/8-16 x 2-1/2", grade 5 bolt (D), washer (E), spacer (F), on the outside of the core upright, through the upright with floor clamp (C), locking angle (G), lock washer (H) and nut (J) on the inside leaving the hardware loose. Make sure the core is in the desired location, level core and tighten hardware.
 - a. Note: If this is the end of an island assembly and end covers are being installed, refer to section "Attaching End Covers to 3-1/4" Cores" before installing HHCS 3/8" hardware.
 - b. Note: If connecting to another core refer to section "Connecting 3-1/4" Core to 3-1/2" Core", different length HHCS are required.
5. Align the floor clamp bracket hole (K) with the snapped chalk line. Use the floor clamp as a template drill hole through the hole (K), install anchor and before tightening insert the base molding angle (L) between the floor clamp and floor, aligning the front vertical surface of the angle with the front face of the 3-1/4" core. Tighten center anchor hardware.
6. Install the vertical HHCS, 5/16-18 x 3-1/2" (M) and locking nuts (N) through the top of the floor clamp to the locking angles (G) to lock the vertical movement.
7. Re-install the base panel and side closure panels.

