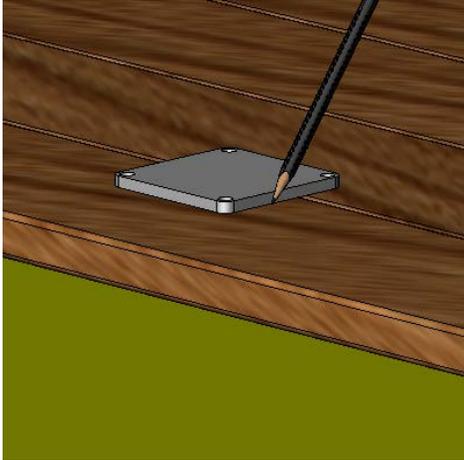


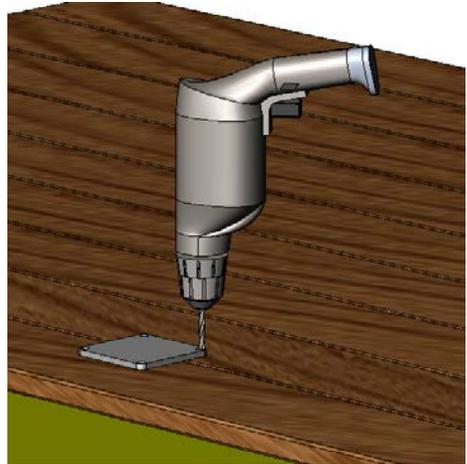
HB&G NEWEL-LOC™
NEWEL POST MOUNT INSTALLATION
INSTRUCTIONS



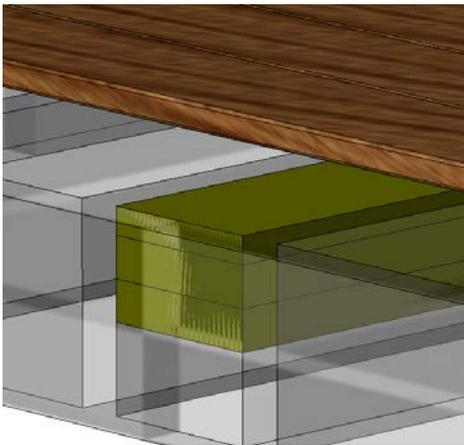
NEWEL-LOC™ - WOOD, COMPOSITE, VINYL DECK INSTALLATION



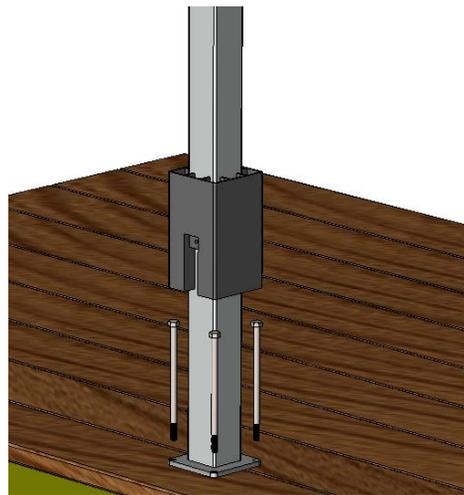
1. Lay out the locations of the posts. Take the Bottom Plate and use it as a template. Trace round the perimeter and mark the 4 corner holes.



3. Drill four 3/8" diameter holes through the marks you made in Step 2. Drill completely through both the deck boards and the reinforcing wood blocking.



2. The thickness of the wood deck surface plus the reinforcing blocking underneath the deck boards should have a combined thickness of at least 4-3/4". **Note: The overall length of each bolt is 6"**. Add reinforcing pressure-treated wooden blocking as required.

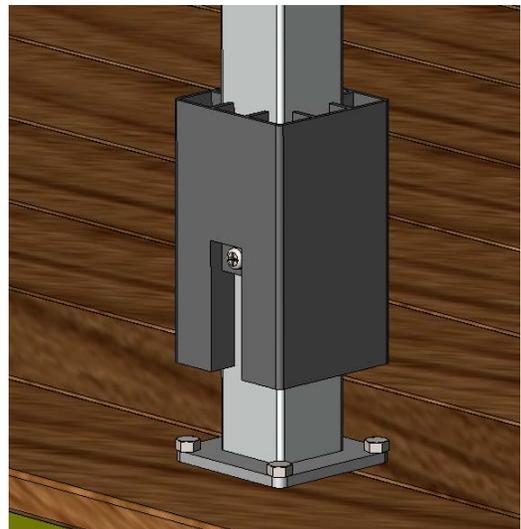
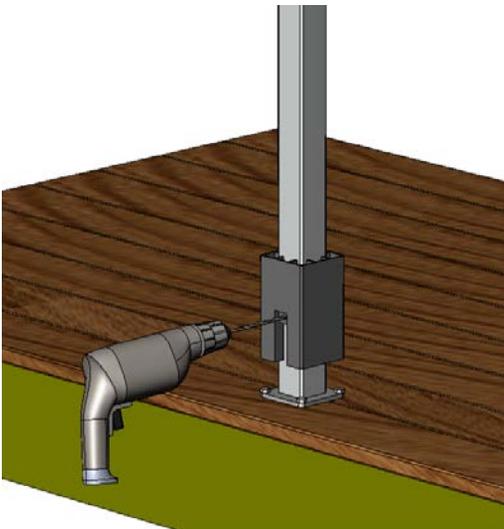


4. Take the post mount and place it on the deck where you just drilled. Align the holes in the base plate of the post mount with the holes you drilled in the deck.

Next, insert the (4) 5/16" x 6" bolts through the holes of the post mount base plate and through the 3/8" holes drilled through the deck.



5. Under the deck, take the bottom plate, and line up the 4 corner holes in the plate with the ends of the bolts extending through the deck. Slide the bottom plate over the bolts, add the washers and nuts, and tighten the nuts securely.

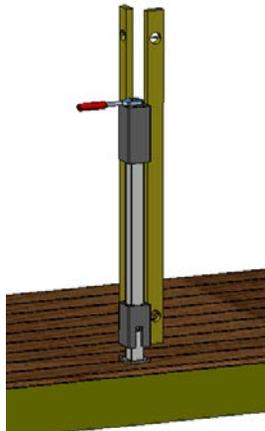
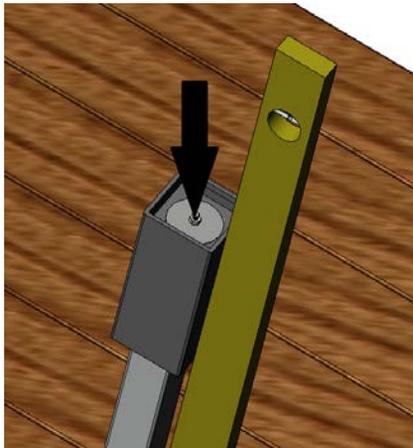


6. Slide the bottom post mount guide up from the bottom of the post mount and locate it so your handrail attachment brackets will connect with the middle of the face of the upper half of the post mount guide. Secure in place by drilling a 1/8" diameter hole into the metal post mount. Drill through the set-screw hole provided in the bottom post mount guide. Use the supplied #10 screw to secure the bottom post mount guide in place.

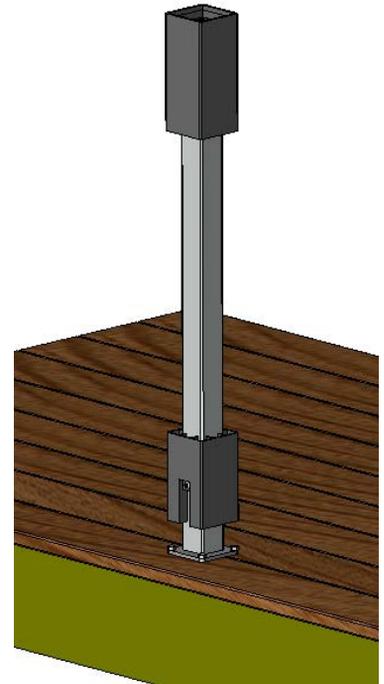


7. If not in place already, insert the top rail guide into position over the bolt extending out the top of the post mount. **Note: If you are using a 54" newel sleeve, the top rail guide of a 42" Newel-Loc™ post mount can be flipped over to accommodate the taller 54" newel.**

42" Newel-Loc™	36" Newel-Loc™
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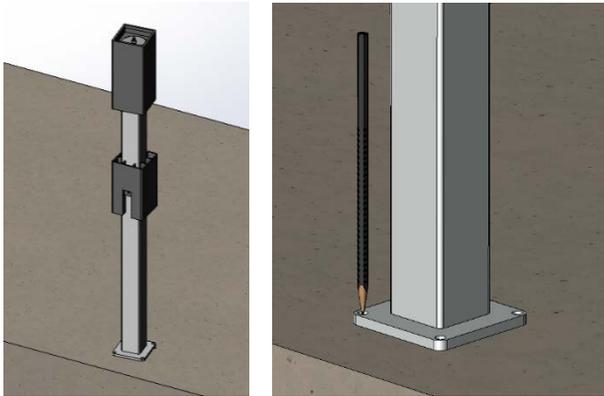


8. Plumb the post mount. You can plumb the post mount by plumbing the guides or you can slide the newel sleeve over the post mount. In either case, loosen the nut securing the top guide. This will allow the top guide to slide in all directions. Check the newel mount / newel sleeve for plumb and tighten the center nut with a 7/16" socket wrench. **Note: If you are using a 42" Newel-Loc™ post mount with a 54" newel sleeve and have flipped the top rail guide over, you will need to use a socket wrench extension in order to reach the nut down inside the top guide.** After securing the top guide, double check for plumb and adjust again if necessary.

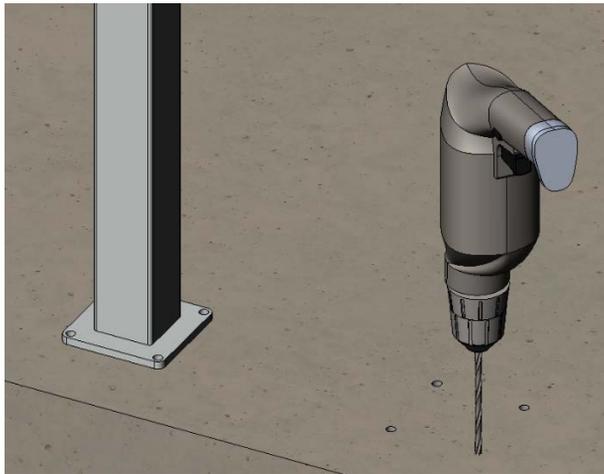


Installation of Newel-Loc™ newel mount is complete and ready for newel post installation

NEWEL-LOC™ - CONCRETE FLOOR INSTALLATION

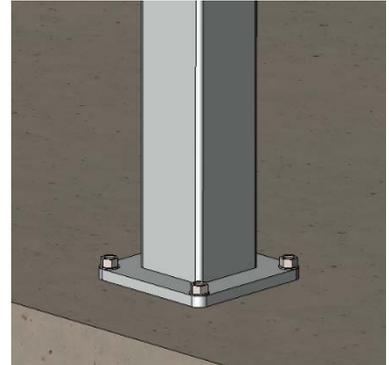
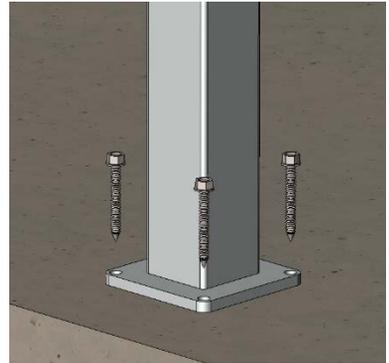


1. Lay out the locations of the posts on the concrete slab. Slide the bottom post mount guide up from the bottom of the post mount and out of the way. Use the post mount as a template and mark the drill locations for each of the 4 corner holes.

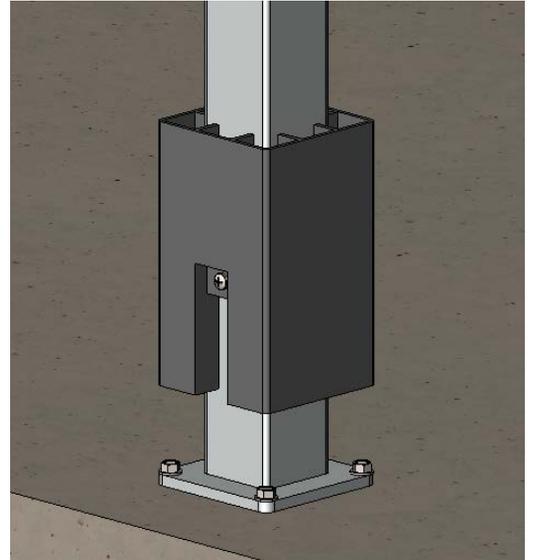
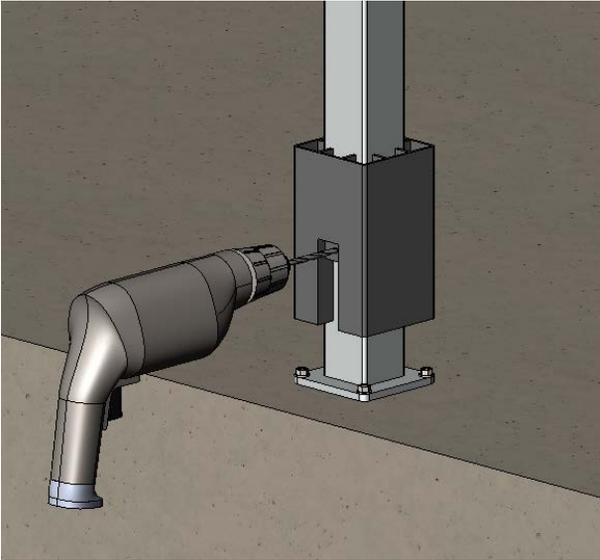


2. Using a $\frac{1}{4}$ " masonry drill bit, drill the 4 holes to a minimum depth of at least 3-1/2".

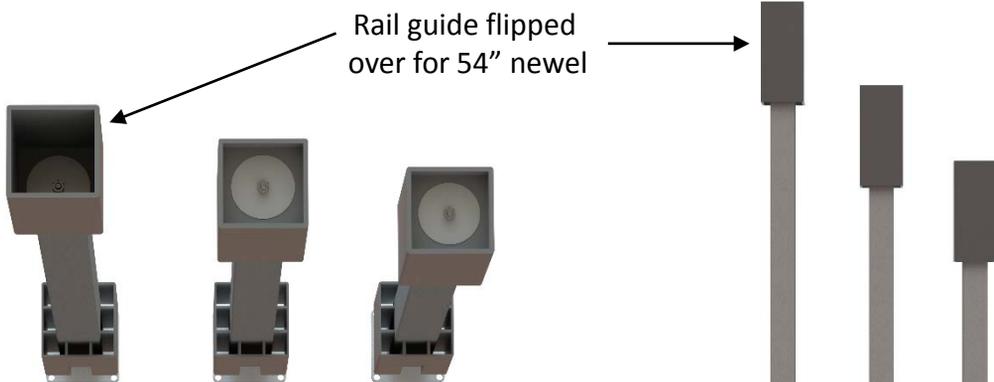
IMPORTANT: THOROUGHLY CLEAN THE HOLES OF ALL DUST AND DEBRIS



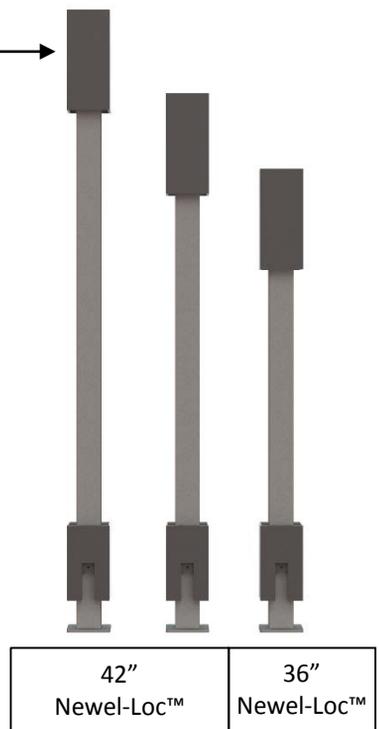
3. Place the post mount into position over the drilled holes. Insert the four $\frac{1}{4}$ "x3" concrete bolts with 4 small washers into the holes and tighten carefully with a wrench, cordless impact driver or drill.



4. Slide the bottom post mount guide down into place and locate it so your handrail attachment brackets will connect with the middle of the face of the upper half of the post mount guide. Secure in place by drilling a 1/8" diameter hole into the metal post mount. Drill through the set-screw hole provided in the bottom post mount guide. Use the supplied #10 screw to secure the bottom post mount guide in place.



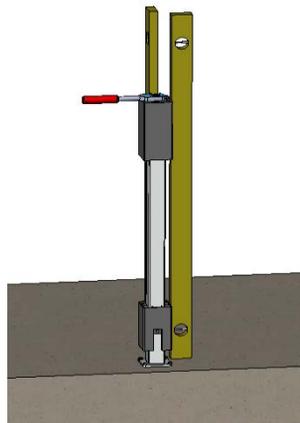
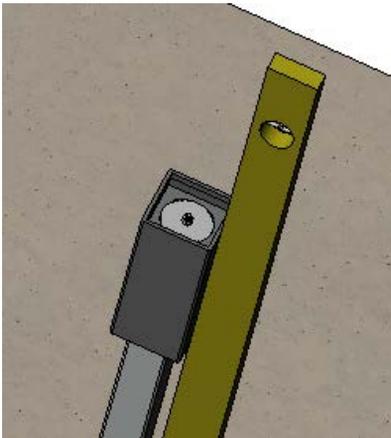
5. If not in place already, insert the top rail guide into position over the bolt extending out the top of the post mount. **Note: If you are using a 54" newel sleeve, the top rail guide of a 42" Newel-Loc™ post mount can be flipped over to accommodate the taller 54" newel.**



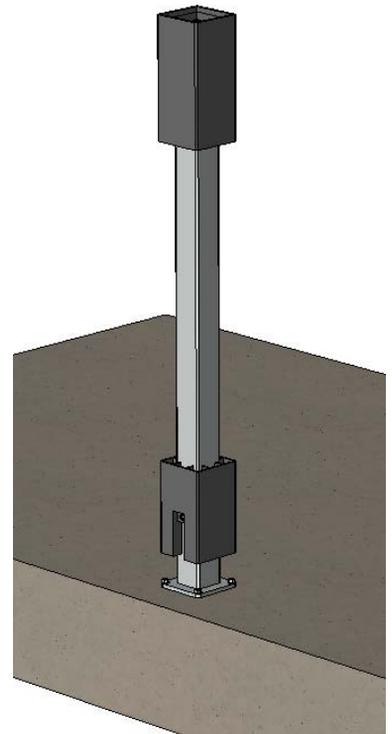


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42" Newel-Loc™	36" Newel-Loc™
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