



CITYPOST®

SIMPLE · AFFORDABLE

INSTALLATION SUGGESTIONS

SECOND STEP

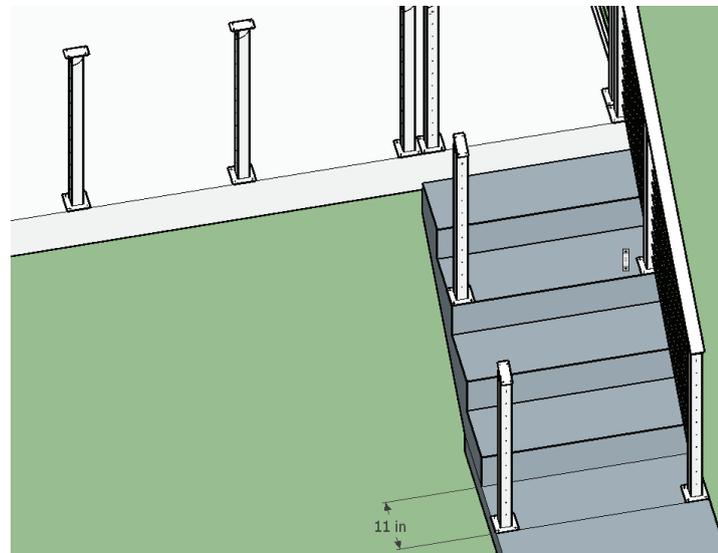
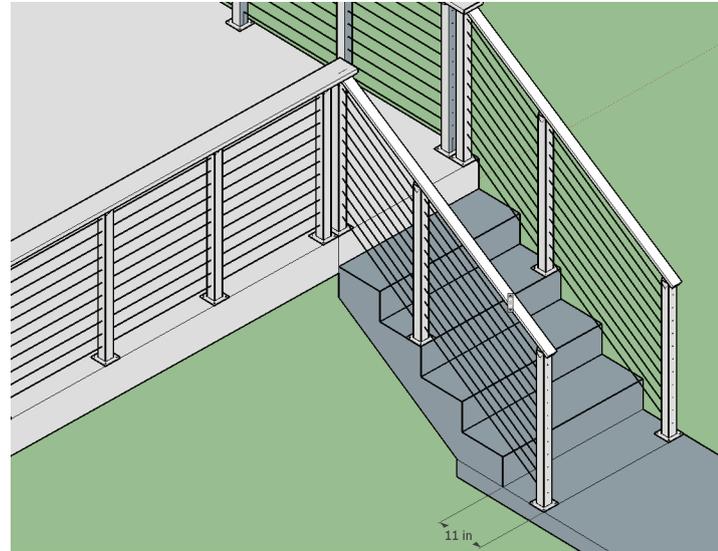
LAYOUT STAIR SEGMENTS

Many configurations are possible but it is recommended that you place your bottom post 1 tread distance out on the landing (note the 11" in above). This guarantees that the railing is at least 36" tall before the top rail is added.

Now note the placement of the remainder of the posts with the top railings removed. The stair posts are less than 3' apart horizontally and placed at the leading structural edge of the stair (do not screw the posts into any unsupported part of the stair such as bullnose).

Also worth noting in the picture to the right is that the top post holes are directed down the stairs. In addition the last post in the horizontal run is butted up against the top-of-stair post so that less than a 4" gap exists between the two posts. At most a 1" gap is allowed between CityPosts in this configuration.

Now that post layout is complete you can drop your CityBrackets into the open post tops and secure the posts to the framing using the provided 2 7/8" Star Drive Screws



FINAL STEPS

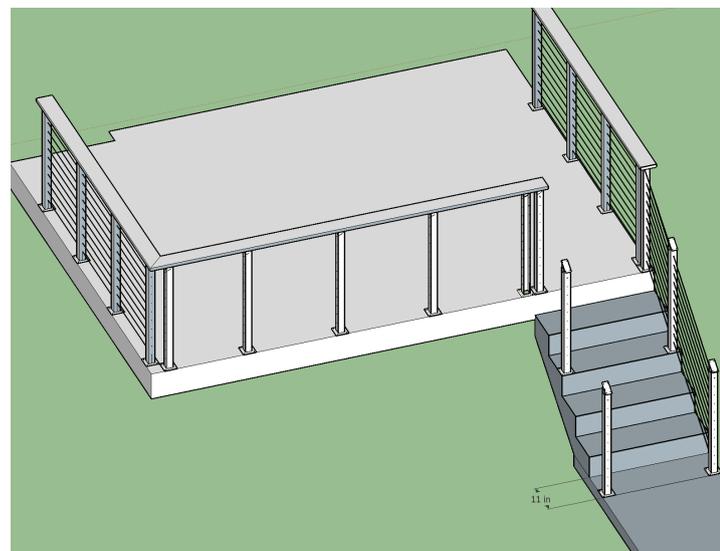
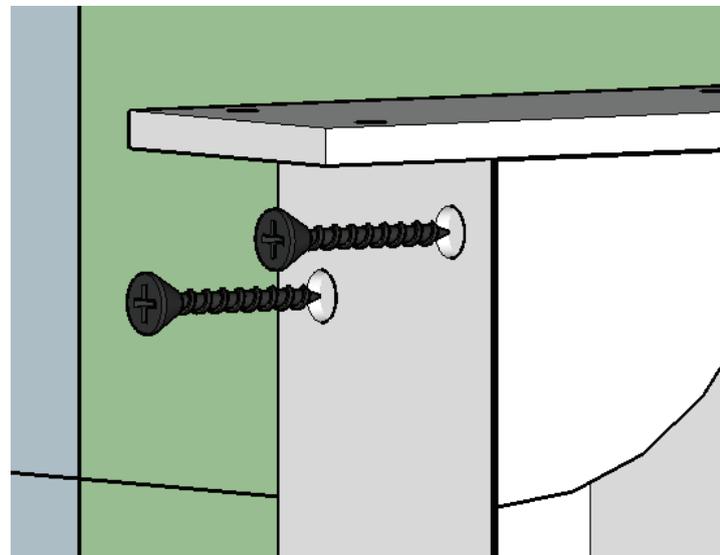
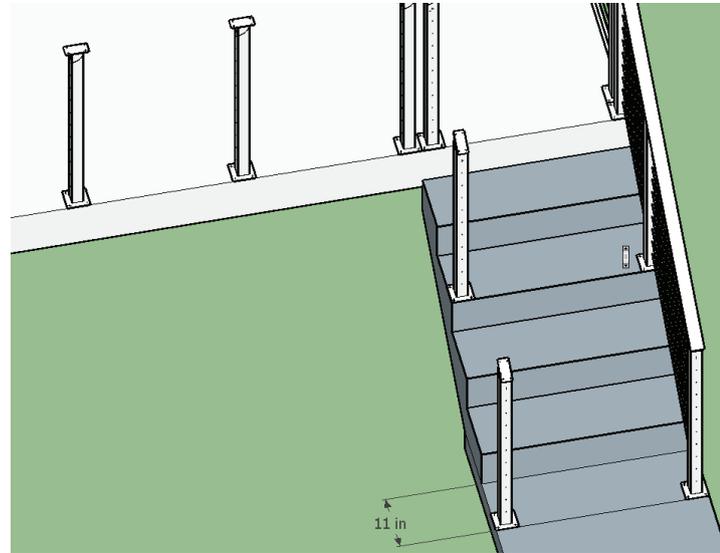
SECURE BRACKETS

Now its time to secure all of the horizontal brackets to the posts. Drop a bracket into each post hole as shown in photo to the right. We will only be securing the horizontal deck posts in this first step. Use the include self tapping XXXX screws and screw through the flat side of the bracket as shown in the second image on the right.

INSTALL HORIZONTAL RAILING

Now that all of the horizontal City Brackets are attached to the post we recommend installing all of the horizontal railing first. See the last photo on the right. In general it is best to miter the corners (lower left corner of deck) so that no exposed endgrain is shown but CityPost can also be installed as butted joints.

The railing should be secured to the CityBrackets with the include XXXX screws



FINAL STEPS

INSTALL STAIR RAILING

Now its time to install the stair handrail. Place the CityBrackets in the CityPost tops making sure that the rounded side is facing up hill as shown on the top right.

Cut your handrail to length while ensuring that it reaches the top post with an appropriately mitered cut. There are many ways to terminate the top of a stair railing but the easiest way is to terminate into the side or bottom of the horizontal railing. This will depend somewhat on the slope of your stairs and the depth of your railing. We recommend a 2.25" by .75" graspable handrail for stairs in most jurisdictions.

The top rail for the stairs can be attached with the extra XXXX screws provided in the same way that the horizontal railing was attached. In this case it is easiest to attach the CityBracket to the handrail first though. The brackets will automatically rotate in place to the proper angle as you place pressure on the handrail. This is the CityPost magic.

The last image on the right illustrates an example for a vertically screwed end joint which we feel allows the cleanest look for the railing system as the horizontal rail covers the joint.

Note: For shallow stair angles we would recommend using a pocket hole jig and for weaker screw/wood combinations we recommend enforcing the joint with a strap hinge that can be found at your local hardware store.

