

# Stair Railing Installation

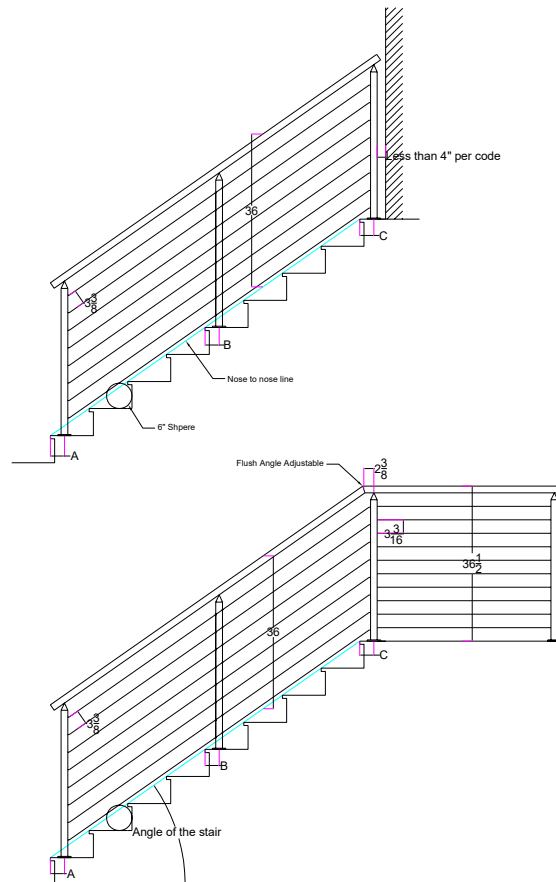
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## Overview

These directions instruct the proper placement for installation of Inline Design cable, glass, and bar systems stair posts. We recommend starting with the upper post, then moving to the lower posts, and finally placing the middle posts and adjusting them to align with the top rail.

**Caution:** Wear protective ANSI approved safety glasses, working gloves and breathing mask all the times.

## Preparation



Notes: Dimensions shown in the above drawings are for illustration purpose only. Please follow the specific dimensions to your project generated by the Inline Design CAD team as a baseline only. Adjustments to those baseline dimensions are going to be needed in order to compensate for field discrepancies. Inline Design is not liable for field errors.

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## Instructions

- 1) Place the lower post of the stairs in its position as shown in approved CAD drawing or by Inline Design post placement document.
- 2) Place the middle post of the stairs in its position as shown in the approved CAD drawing or by Inline Design post placement document.
- 3) Place the top rail on both the middle and lower posts and calculate the angle. The angle should match the “nosing line” angle. Adjust the positions of the posts if needed so that the angle matches the nosing line angle.
- 4) Place the rest of the posts according to the CAD drawings or Inline Design post placement document. Adjust the middle posts to align with the top rail.
- 5) In the event that there is an extended rail after the stairs, make sure the top rail is horizontal before it meets the top stair post. Please refer to the CAD drawing about the placement of the top post from the nose.
- 6) Once you have placed all the posts, refer to the proper documentation to install and secure the posts.

*NOTE: A small amount of surface corrosion is not uncommon after a some exposure to weather or salty conditions. We recommend using our passivation solution or some sort of stainless polish to keep any surf corrosion from happening; more information available at [https://inlinedesign.us/engineering\\_specifications](https://inlinedesign.us/engineering_specifications)*

**Passivation Solution**

<https://inlinedesign.us/products/stainless-steel-passivating-kit-citrisurf-77-plus>