

Positioning a Railing Directly Above Another on a Tiered Deck

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The information in this article applies to:




QUESTION

I am creating a deck with different levels on a single floor of my plan and would like to position the deck railing of a lower tier directly below that of a higher tier. How can I do this?

ANSWER

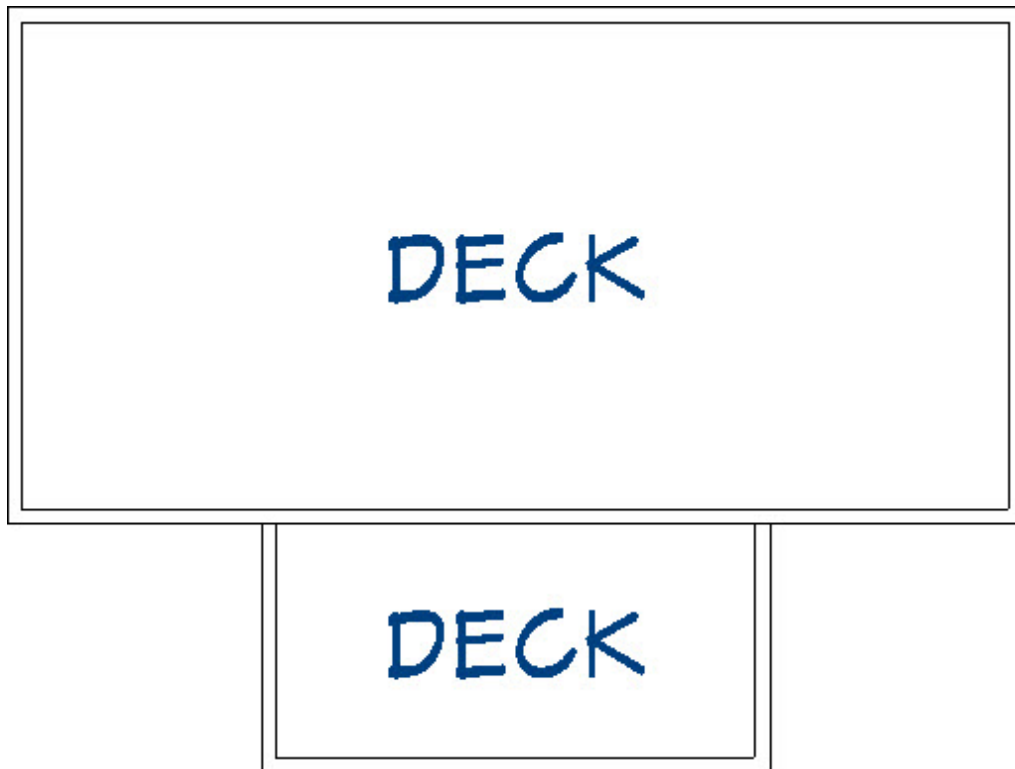
You can align railings directly above/below one another by using the settings available in the Railing Specification dialog.

To create stacked deck railings


1. **Open**  the plan in which you would like to vertically align a deck railing.


In this example, a simple plan with two deck rooms is used.

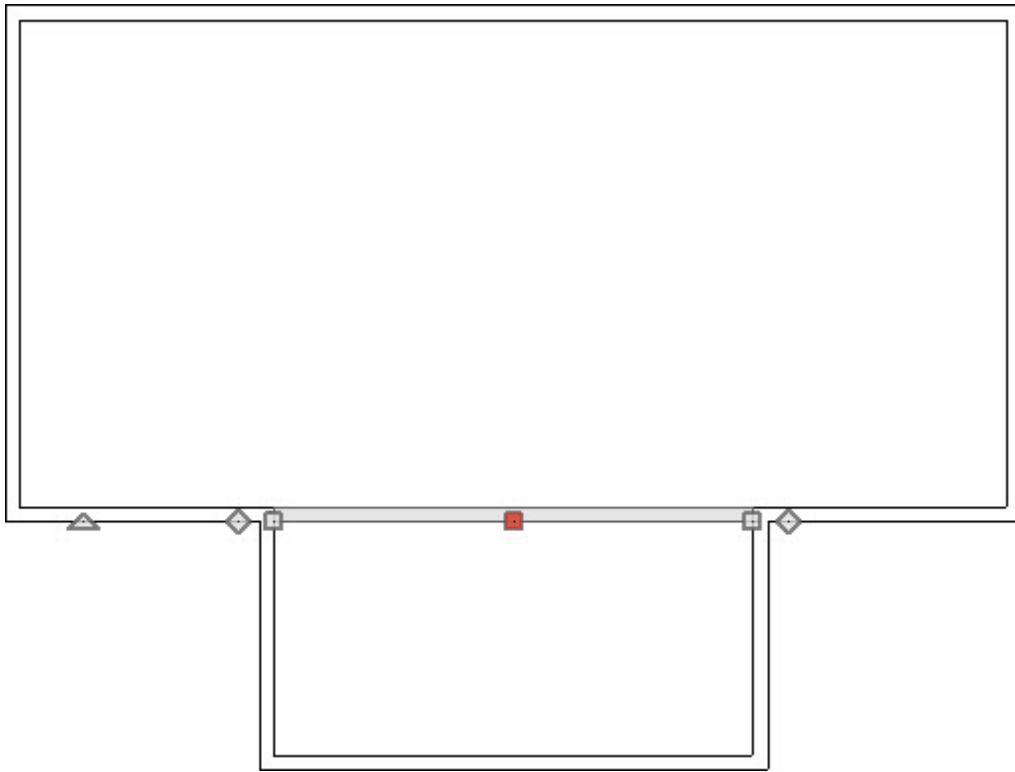
2. If you have not done so already, create two Deck rooms with different floor heights.




- Stacked railings typically look best if the difference between the two deck heights is at least 45", which will accommodate a 36" railing plus 9" for the deck platform and planking.
- Here, the large deck has a floor height of 72" and the smaller deck, a floor height of 18" .

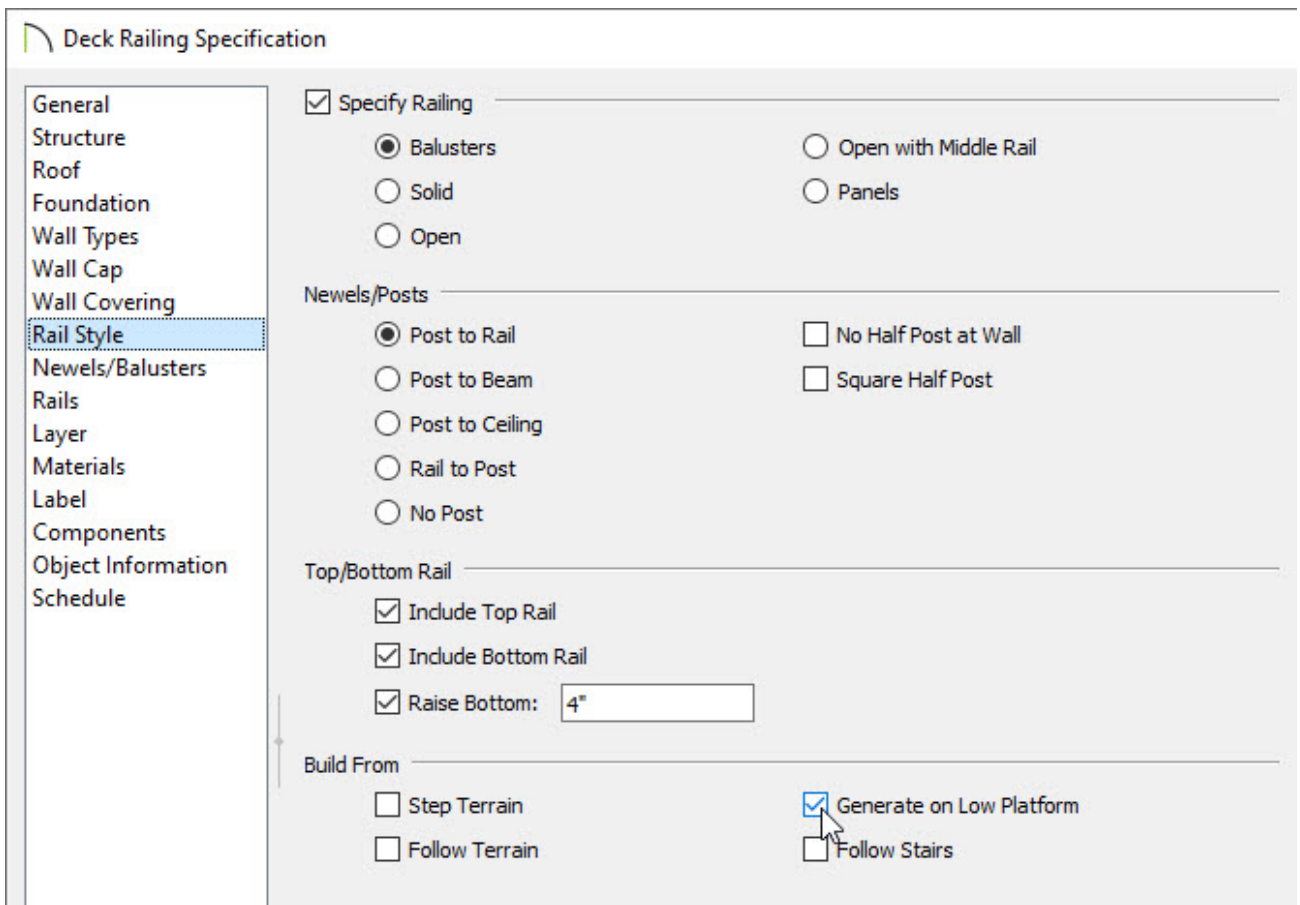
3. Use the **Break**  tool on the intersections to segment the section of railing separating the 2 decks.


4. Using the **Select Objects**  tool, click on the railing separating the two Deck rooms to select it.

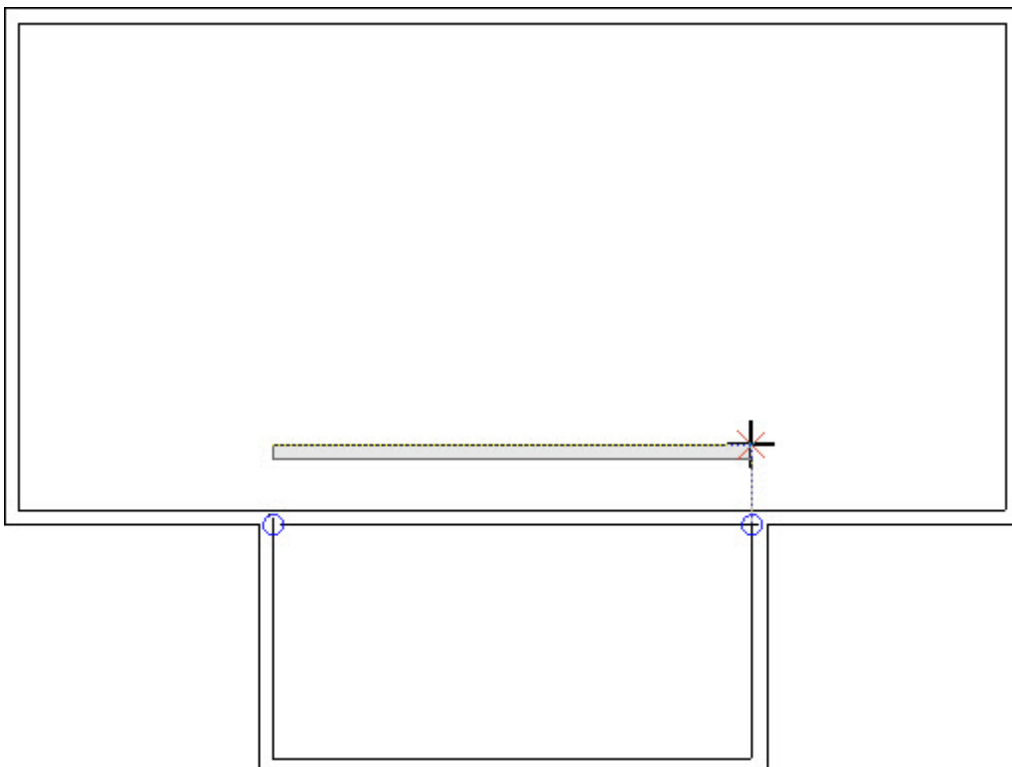


- This deck railing can divide the two rooms along its entire length, or only a portion can divide them.

5. Click the **Open Object**  edit button, and on the **RAIL STYLE** panel of the **Deck Railing Specification** dialog, check the box beside **Generate on Low Platform** and click **OK**.

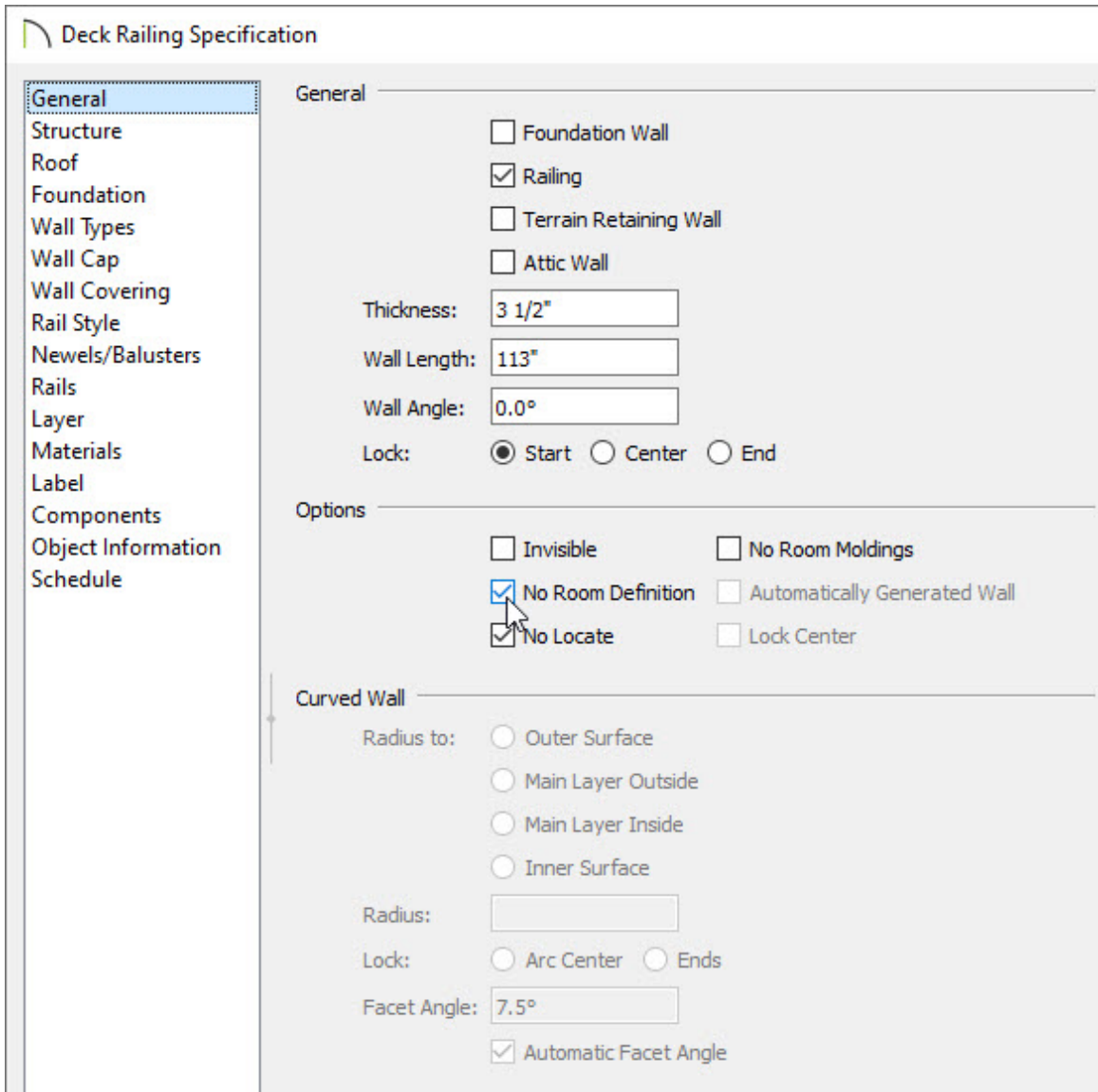




6. Select **Build> Railing and Deck> Straight Deck Railing**  from the menu, then click and drag a short section of deck railing parallel to the railing edited in step 4, above. This new railing section should not attach to any other walls at this time.



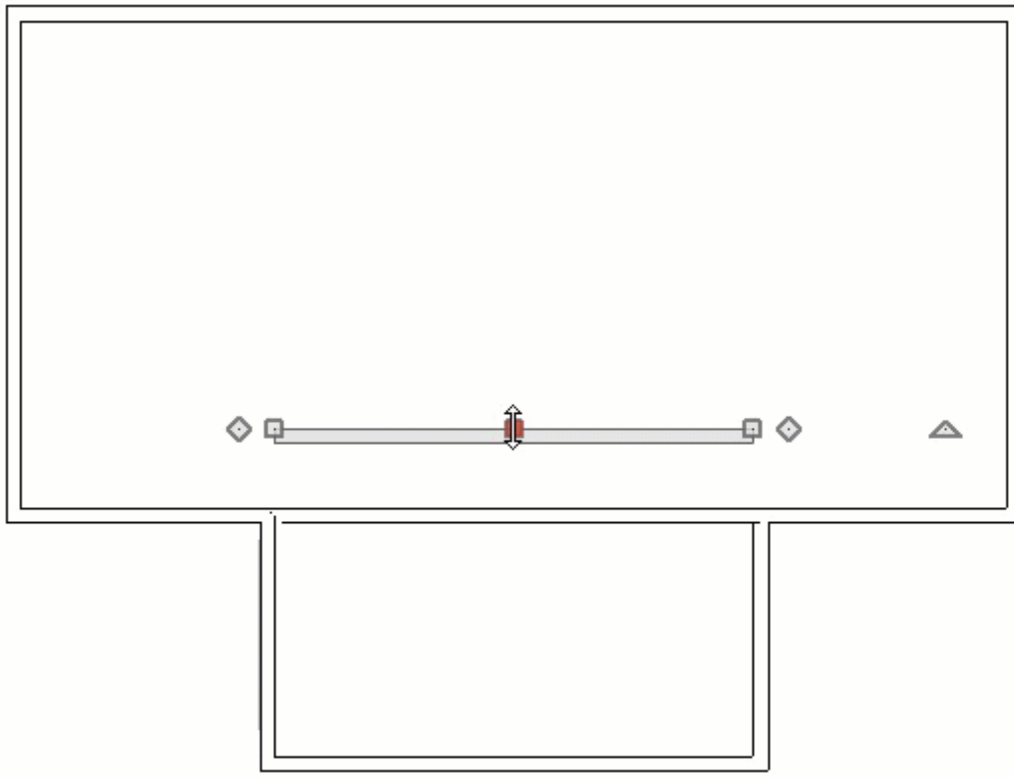
7. Click on the new railing to select it, then click the **Open Object**  edit button.

8. On the **GENERAL** panel of the **Deck Railing Specification** dialog, check the box beside **No Room Definition** and click **OK**.

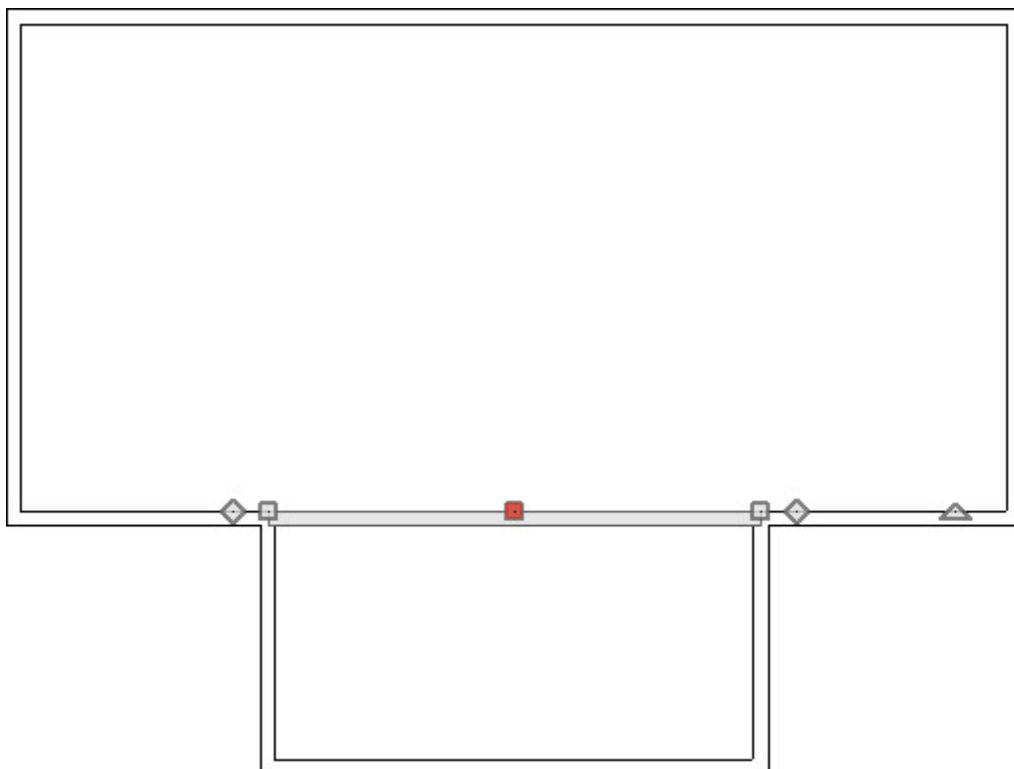


9. Select **Edit> Snap Settings**  from the menu and turn off **Bumping/Pushing** . When a setting such as Bumping/Pushing is enabled, a check-mark will display on its tool icon.

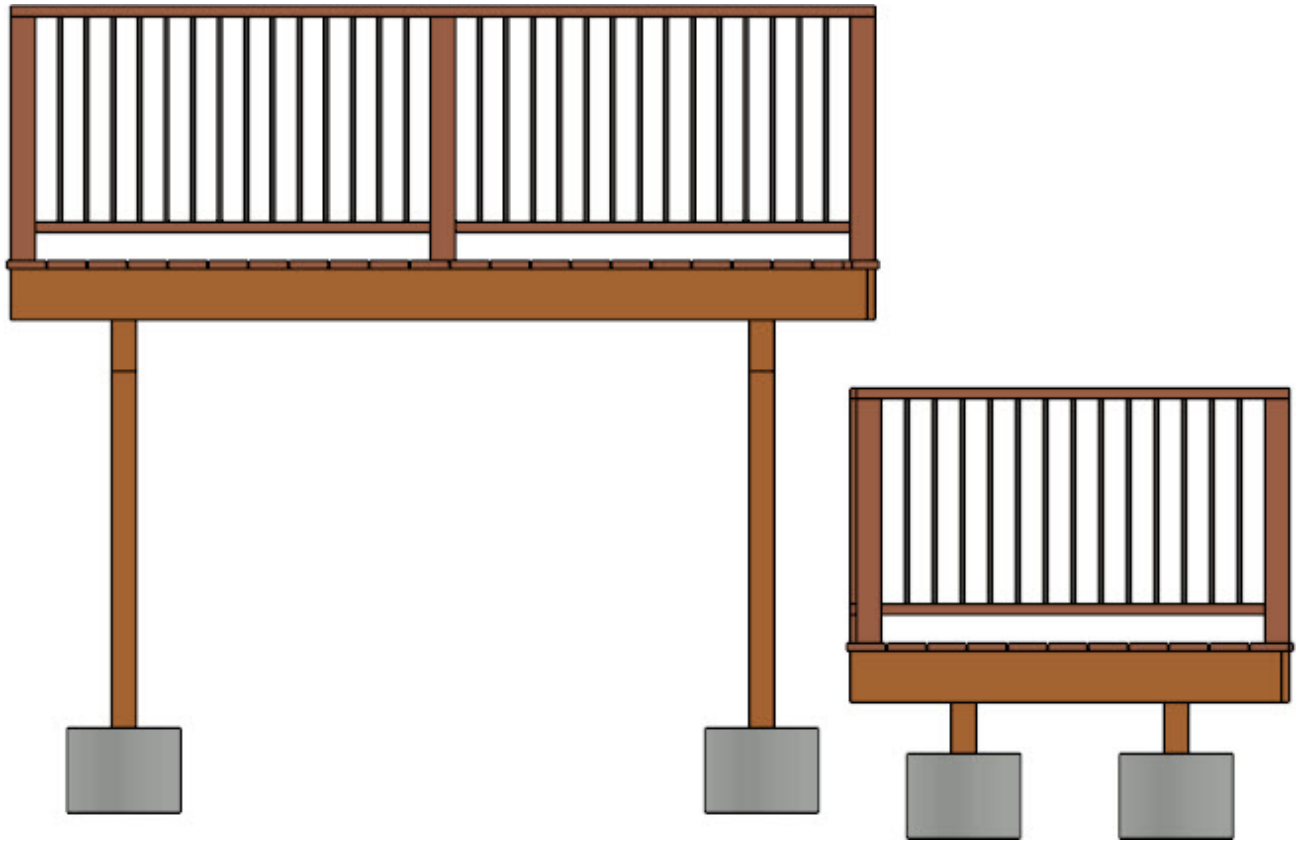
10. Click on the railing that was defined as "No Room Definition" and use its edit handles to move it so that it is in the same location as the "Generate on Low Platform" railing.
- Align the two railing sections' edges as closely as possible.




- Then, lengthen the "No Room Definition" railing so that it is the same length as the railing below it.



11. Finally, create a **Perspective Full Overview**  or **Cross Section/Elevation**  view to see the results.



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