

Resolving a Gap Between Floors in Camera Views

Reference Number: **KB-00038**

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This article also applies to the following legacy products:
Pro | Architectural

QUESTION

When I look at my plan in a Full Overview, there is a noticeable gap between each floor. What causes this and how do I fix it?




ANSWER

A gap between floors is typically caused by modifying the Platform option in your Wall Type Definitions dialog so that it is on the exterior surface line of the wall type. By default, this option is checked for the exterior side of the Main Layer. This article will walk you through restoring the Main Layer if it was inadvertently changed.

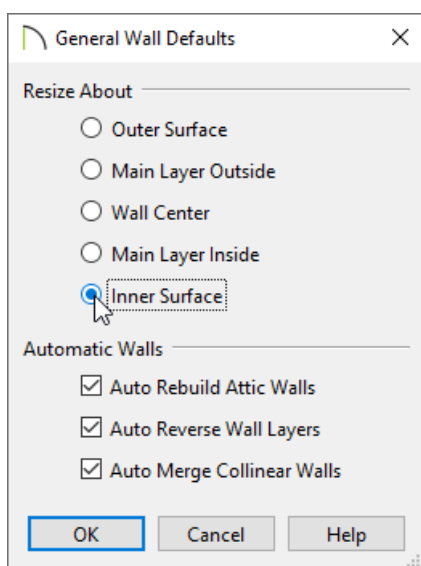
To ensure that existing walls in your plan do not move when changing the wall type's Main Layer, you first need to modify the General Wall Defaults.

To edit the wall defaults*



**Applies to Chief Architect Premier and Chief Architect Interiors. Home Designer programs do not have control over this setting, so if you're using one of these versions, keep in mind that the walls will move when you correct the wall type, which is mentioned in the next section.*

1. Select **Edit> Default Settings**  from the menu.
2. In the **Default Settings** dialog, navigate to **Walls> General Wall**, then click on the **Edit** button.
3. In the **General Wall Defaults** dialog that opens, set the radio button for Resize About to **Inner Surface** and click **OK**.

Note: In most circumstances, it is recommended that you Resize About the Main Layer Outside to avoid unexpected results, so at the end of this article, you will want to restore this setting before continuing to work in the plan.



To fill in the gap between floors

1. Using the **Select Objects**  tool, click on one of the exterior walls, then select the **Open Object**  button to display the **Wall Specification** dialog.
2. Select the **WALL TYPES** panel, then click on the **Define** button next to the Wall Type drop-down to display the **Wall Type Definitions** dialog.

Note: The dialog below may appear slightly different depending on the product and version you're using.

Wall Type Definitions

Siding-6

Wall Layers

Layer #	Line Color	Line Style	Weight	Material	Pattern	Texture	Fill	Thickness	Extension	Display Layer
Exterior Layers										
1			1	Lap Siding				1/2"	0"	Default
2			1	Housewrap				0"	0"	Default
3			1	OSB-Hrz				7/16"	0"	Default
Main Layers										
4			35	Fir Framing 2				5 1/2"		Default
Interior Layers										
5			1	Drywall		No Texture		1/2"		Default

Total Thickness: 6 15/16"

Material Properties Layer Properties Wall Properties

Energy Values

Wall Type: Framed

Cavity R-Value: 21.0

Continuous R-Value: 0.0

Wall Settings

Brick Ledge Depth: 0"

Build Platform to Exterior of Layer: 4 - Fir Framing 2

Dimension to Exterior of Layer: 4 - Fir Framing 2

Foundation to Exterior of Layer: 4 - Fir Framing 2


Foundation Offset: 0"

☐ Partition Wall

- Set the **Main Layers**. By default, this is typically the structural or framing layer, which is often the thickest layer within the wall.
- Access the Wall Properties tab and set the **Build Platform to Exterior of Layer*** setting to use the same structural or framing layer.

In X14, Home Designer 2023, and prior versions, separate tabs with different settings were not available. Instead, you can locate this setting under the Wall Settings section.

**Applies to Chief Architect Premier, Chief Architect Interiors, and Home Designer Pro only*

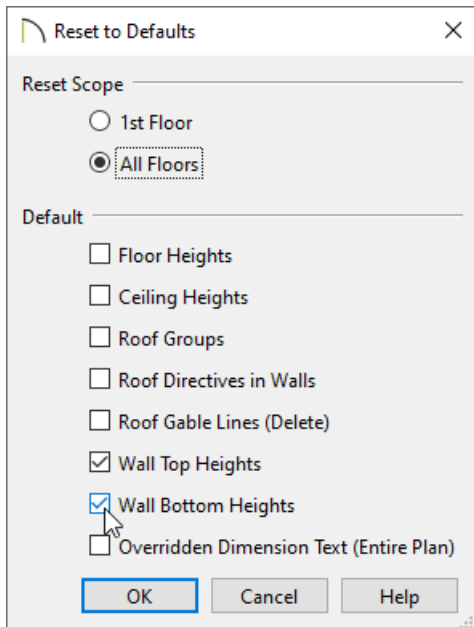
- Ensure the wall type has a layer in the **Exterior Layers** section.
3. Click **OK** on each of the dialogs to confirm the changes.
 4. Verify that the gap between floors is now filled in by creating a **Perspective Full Overview** .

If the gap is still present after following the steps above, it's possible that you may need to reset your wall heights if you're using Chief Architect Premier, Chief Architect Interiors, or Home Designer Pro.

To reset wall heights*

**Applies to Chief Architect Premier, Chief Architect Interiors, and Home Designer Pro only*

1. Select **Edit> Reset to Defaults** from the menu.
2. In the **Reset to Defaults** dialog that opens:



- Set the Reset Scope to **All Floors**.
- Place checkmarks in **Wall Top Heights** and **Wall Bottom Heights**.

Wall heights can be modified in 3D views. Checking these boxes will reset the the heights back to their default values.

3. Click **OK**.

Related Articles

- 📌 [Copying an Object from One Floor to the Same Position on Another Floor \(/support/article/KB-00172/copying-an-object-from-one-floor-to-the-same-position-on-another-floor.html\)](/support/article/KB-00172/copying-an-object-from-one-floor-to-the-same-position-on-another-floor.html)
- 📌 [Message: A room has a negative ceiling height. \(/support/article/KB-00724/message-a-room-has-a-negative-ceiling-height.html\)](/support/article/KB-00724/message-a-room-has-a-negative-ceiling-height.html)