

# Creating a Bullnose Verandah

---

Reference Number: **KB-03040**

Last Modified: **March 27, 2025**

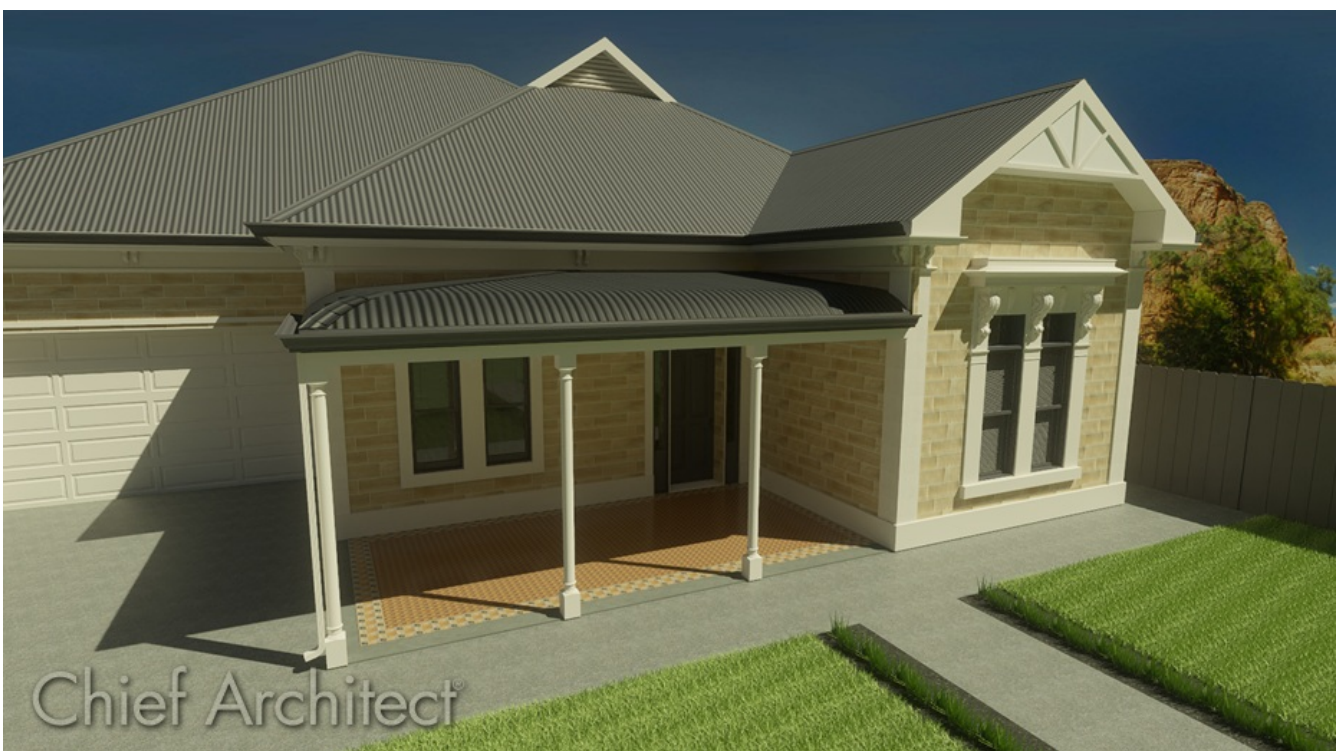
---

The information in this article applies to:



## QUESTION

I need to create a bullnose verandah on the front of my building. How can this be accomplished?



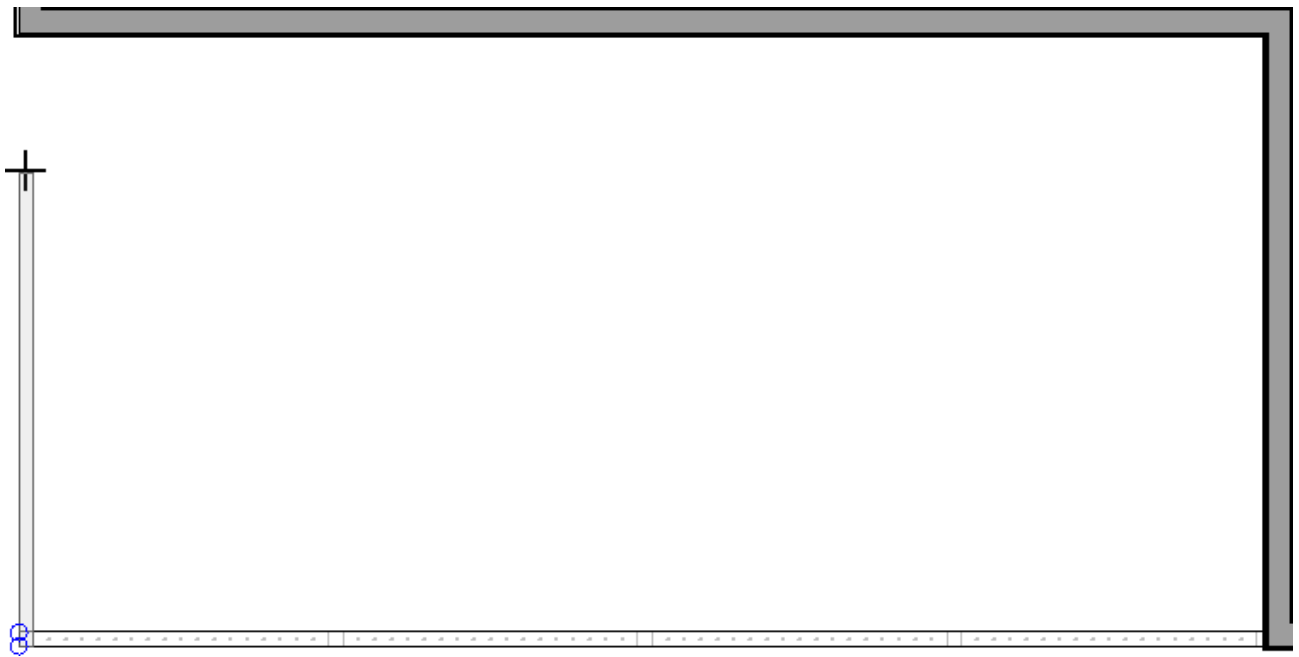
# ANSWER


The Roof tools allow you to create a bullnose, or curved roof, for your house or verandah.

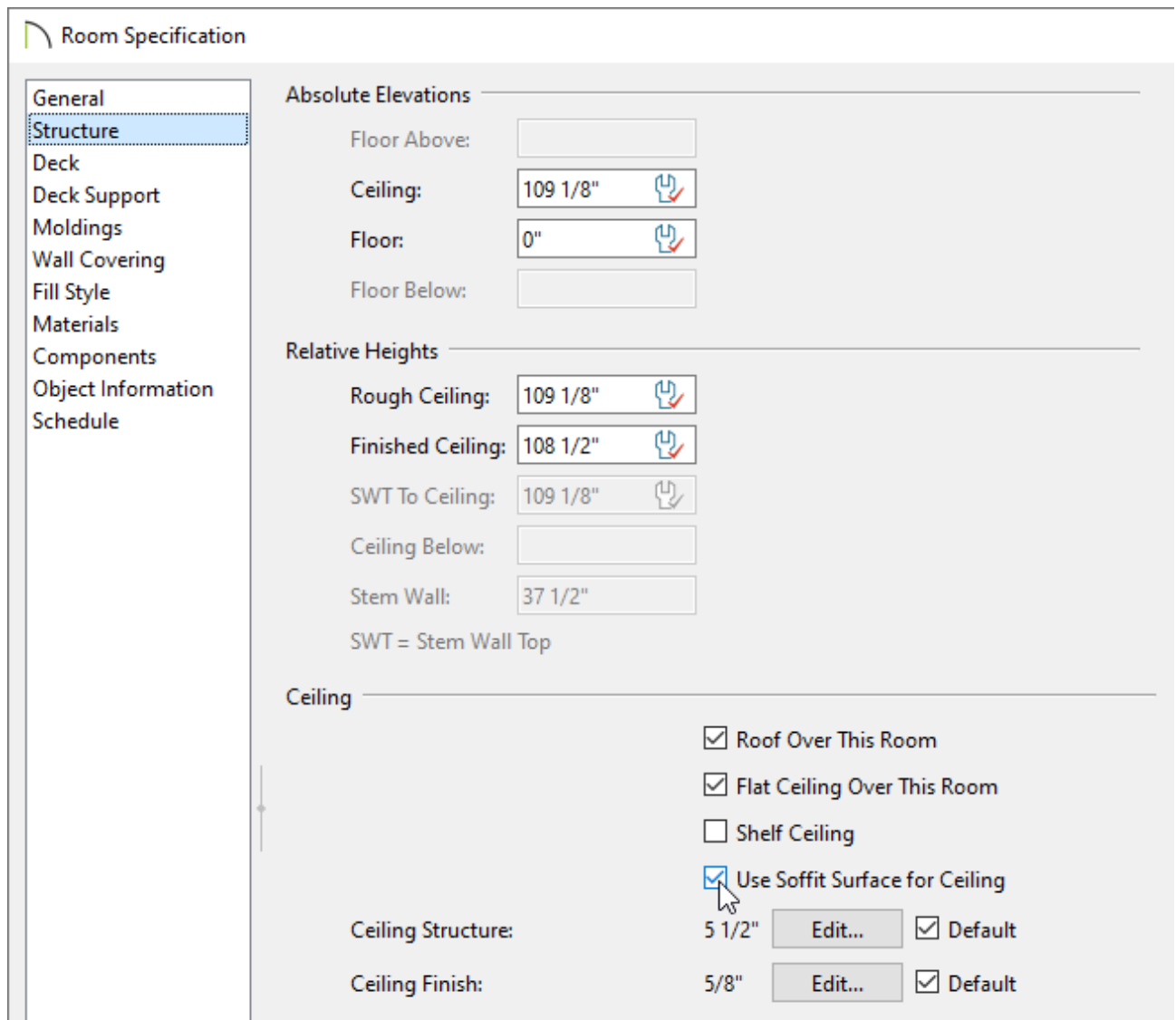
In this article, we will walk through the steps for creating a bullnose verandah on the front of a simple home using the Curved Roof setting.

## Creating the verandah or covered porch

1. Start by selecting **Build> Wall> Straight Railing**  from the menu, and draw the outline of your verandah.



2. Select the exterior room you just created and click the **Open Object**  edit button to open the **Room Specification** dialog:





- On the **GENERAL** panel, set the **Room Type** to **Porch**.

- Under the **STRUCTURE** panel, change the **Rough Ceiling** to a height that is lower than the main house to prevent the roof planes from merging together.

In this example, the main structure has a Rough Ceiling of 13' (157 1/8"), while the porch has a default value of 9' (109 1/8").

- Check the **Roof Over This Room** and **Use Soffit Surface for Ceiling** boxes.

- Click **OK**.

3. With the **Select Objects**  active, hold down the **Shift** key on your keyboard, click on each railing to group select them, then click the **Open Object**  edit button.

To learn more about group selecting objects, please refer to the [Related Articles](#) section below.



4. On the **ROOF** panel of the **Railing Specification** dialog that displays:

Railing Specification

General  
Structure  
**Roof**  
Foundation  
Wall Types  
Wall Cap  
Wall Covering  
Rail Style  
Newels/Balusters  
Rails  
Layer  
Materials  
Label  
Components  
Object Information  
Schedule

Roof Options

Hip Wall       High Shed/Gable Wall  
 Full Gable Wall       Knee Wall  
 Dutch Gable Wall       Extend Slope Downward  
 Roof Cuts Wall at Bottom  
 Include Frieze  
 Include Automatic End Truss Above

Pitch Options

Pitch:  in 12  
 Upper Pitch  
Upper Pitch:  in 12  
Starts at Height:   
In from Baseline:

Overhang

Length:

- Set the **Pitch** to **6"** in 12" (26.5°).
- Check the **Upper Pitch** box.
- Set the **Upper Pitch** to **1"** in 12" (4.5°).
- Set the **In from Baseline** distance to **18"** (457mm).
- Adjust the Overhang **Length** to any desired distance.

In this example, 2" is used.

- Click **OK**.



5. Select **Build> Roof> Build Roof**  from the menu.

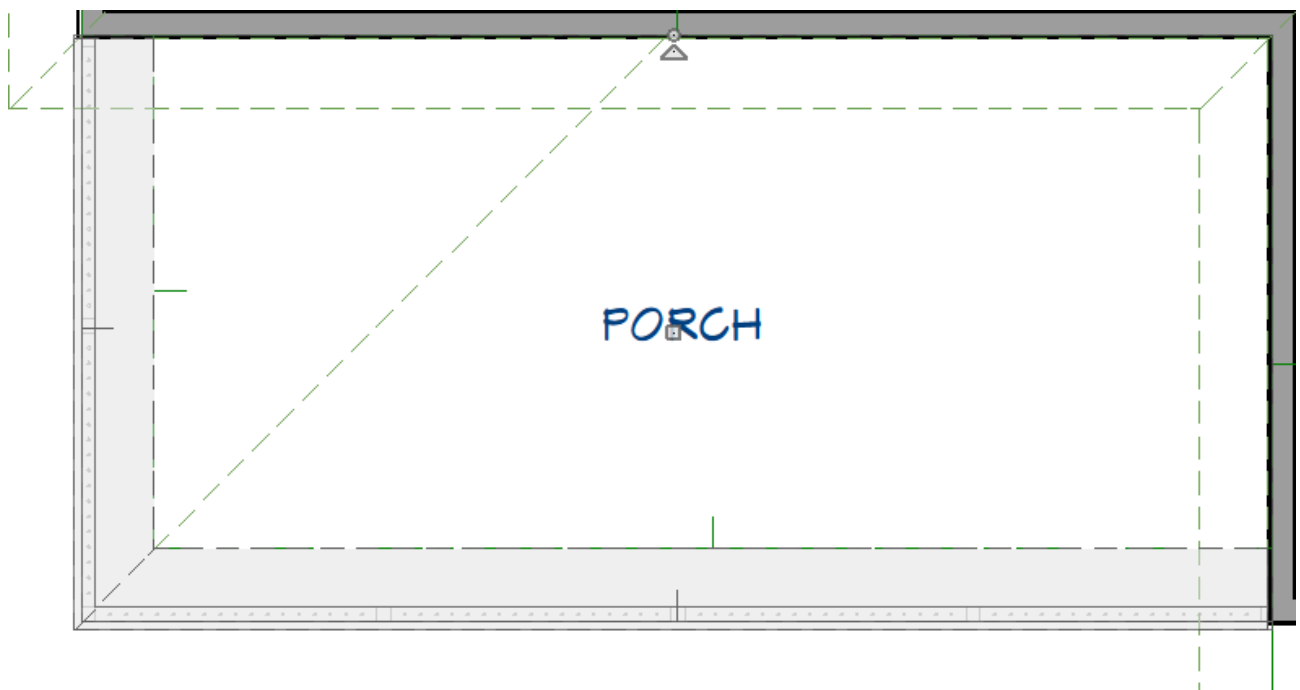
6. In the **Build Roof** dialog that displays, check the **Build Roof Planes** box and, uncheck **Auto Rebuild Roofs** if it's checked, then click **OK**.

7. Create a **Camera**  view to see the roof so far.

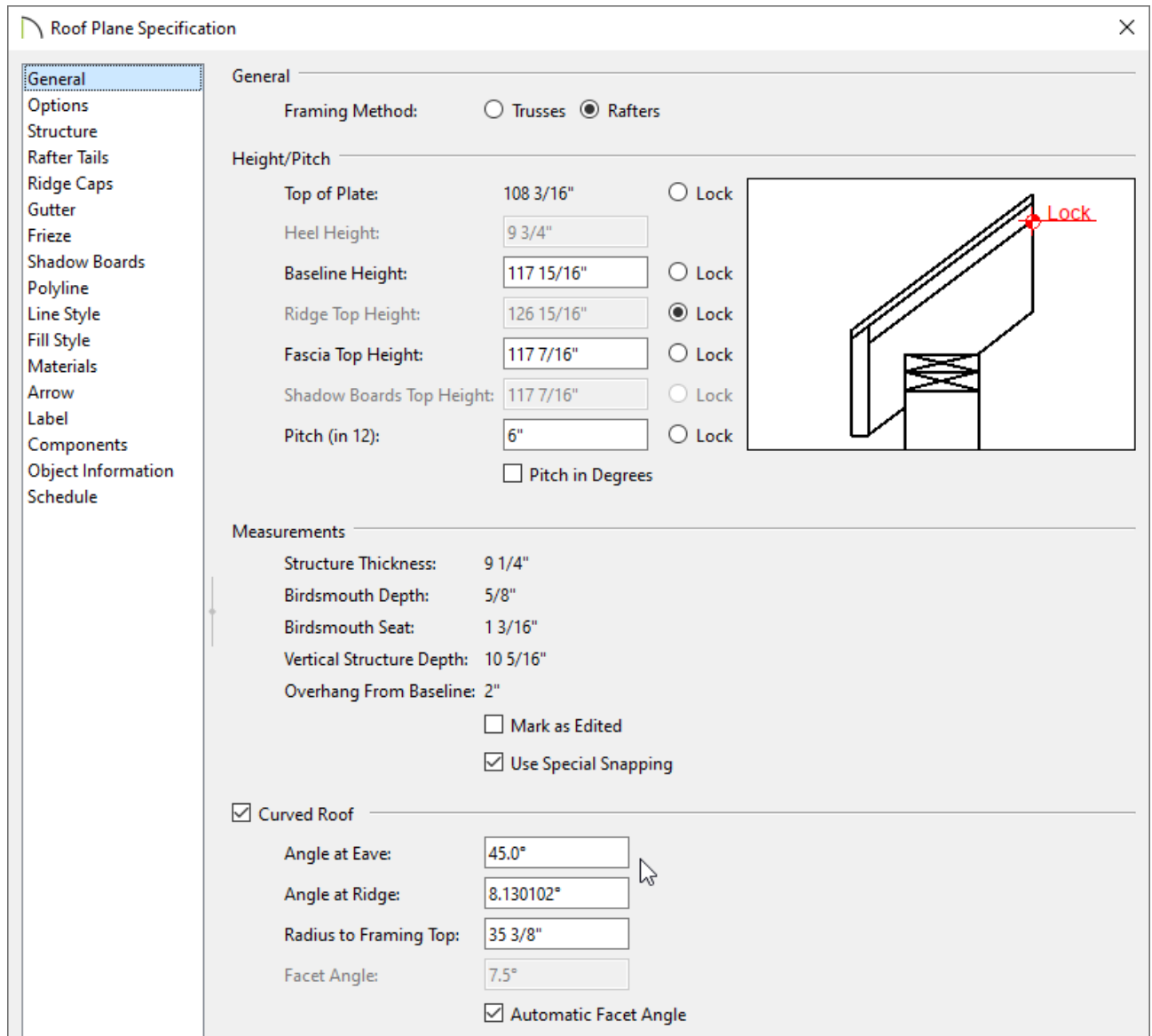


## Adding the bullnose

1. With the **Select Objects**  tool active, hold down the **Shift** key on your keyboard, group select the two lower roof planes over the porch, then click the **Open Object**  edit button.




2. On the **GENERAL** panel of the **Roof Plane Specification** dialog that displays:




- Under the Height/Pitch section, **Lock** the **Ridge Top Height**.
- Check the **Curved Roof** box.
- Set the **Angle at Eave** to **45°**.
- Click **OK**.

3. Create a **Camera**  view to see the results.

 [Creating a Curved Barrel Ceiling \(/support/article/KB-00650/creating-a-curved-barrel-ceiling.html\)](/support/article/KB-00650/creating-a-curved-barrel-ceiling.html)

 [Creating a Curved Barrel Roof \(/support/article/KB-00649/creating-a-curved-barrel-roof.html\)](/support/article/KB-00649/creating-a-curved-barrel-roof.html)

 [Creating Custom Balusters and Railing Panels \(/support/article/KB-02893/creating-custom-balusters-and-railing-panels.html\)](/support/article/KB-02893/creating-custom-balusters-and-railing-panels.html)

 [Group Selecting Objects \(/support/article/KB-00623/group-selecting-objects.html\)](/support/article/KB-00623/group-selecting-objects.html)

 [Joining Curved Roof Planes \(/support/article/KB-00688/joining-curved-roof-planes.html\)](/support/article/KB-00688/joining-curved-roof-planes.html)



[\(https://chieftalk.chiefarchitect.com/\)](https://chieftalk.chiefarchitect.com/)

 [\(/blog/\)](/blog/)



[\(https://www.facebook.com/ChiefArchitect\)](https://www.facebook.com/ChiefArchitect)



[\(https://www.youtube.com/user/ChiefArchitectInc\)](https://www.youtube.com/user/ChiefArchitectInc)



[\(https://www.instagram.com/chiefarchitect/\)](https://www.instagram.com/chiefarchitect/)



[\(https://www.houzz.com/pro/chiefarchitect/\)](https://www.houzz.com/pro/chiefarchitect/)



[\(https://www.pinterest.com/chiefarchitect/\)](https://www.pinterest.com/chiefarchitect/)