

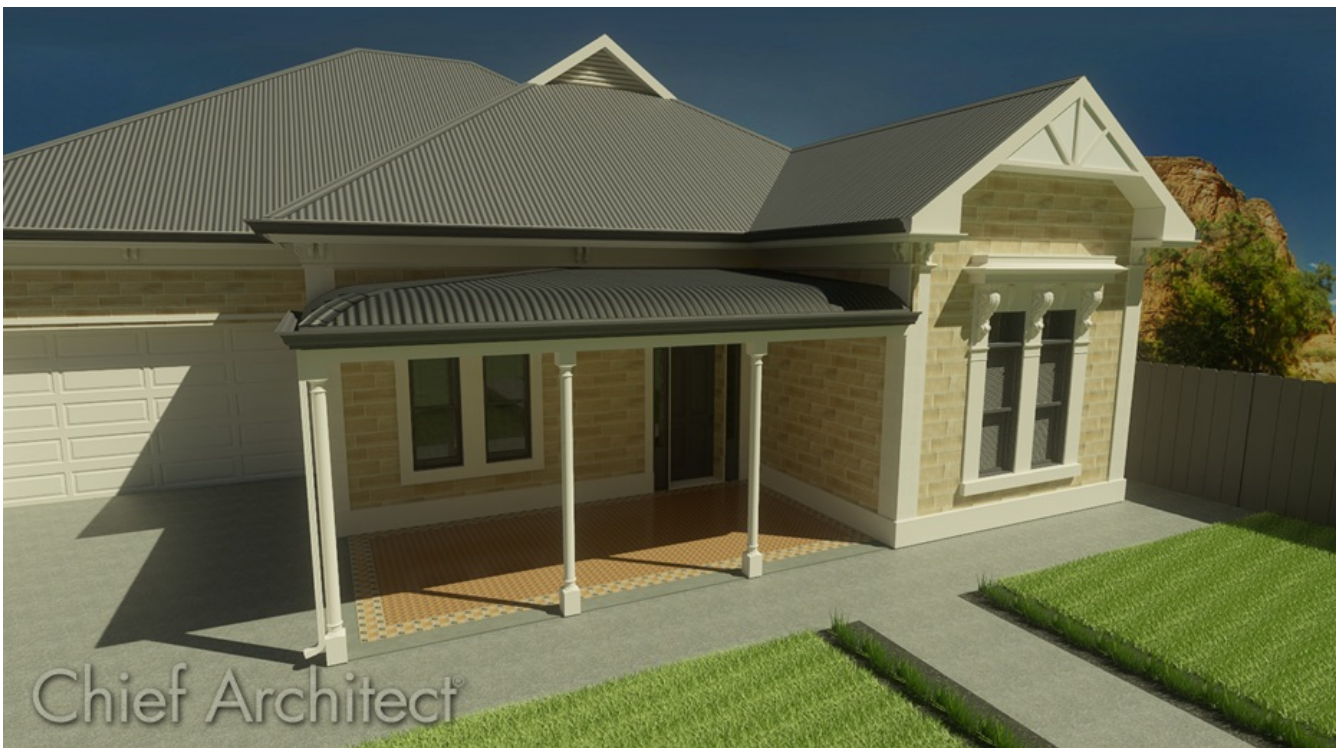
Creating a Bullnose Veranda

Reference Number: **KB-03040**

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QUESTION

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




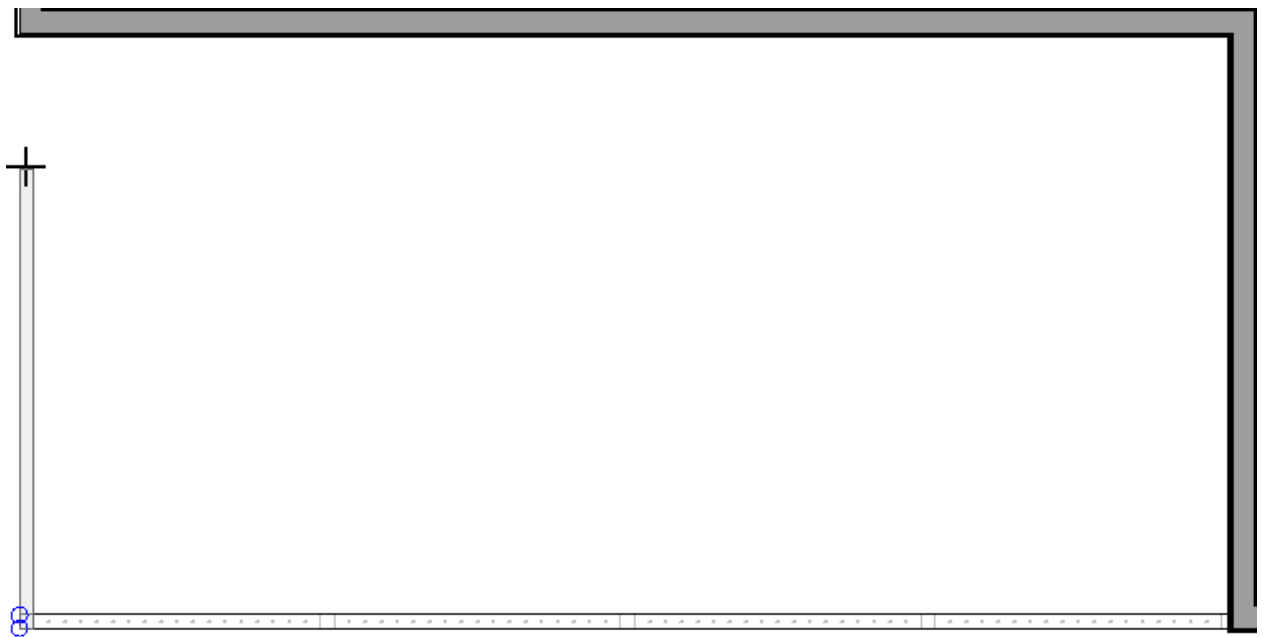
ANSWER


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

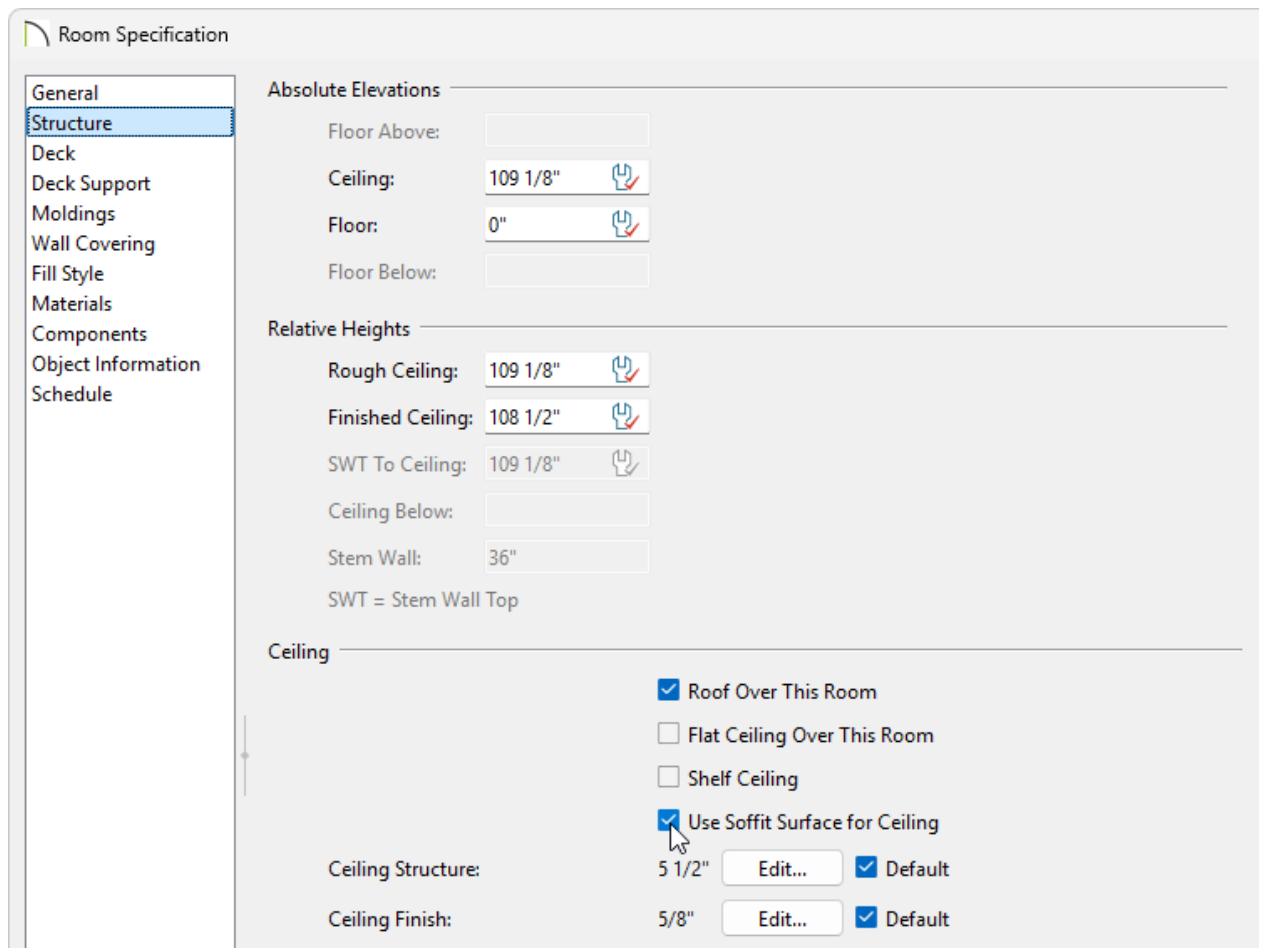
In this article, we will walk through the steps for creating a bullnose veranda on the front of a simple home using the Curved Roof setting.

Creating a bullnose veranda

1. Navigate to **Build> Railing and Deck> Straight Railing**  from the menu, then draw the outline of your veranda using the railings.





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 157 1/8", while the porch has a default value of 109 1/8".

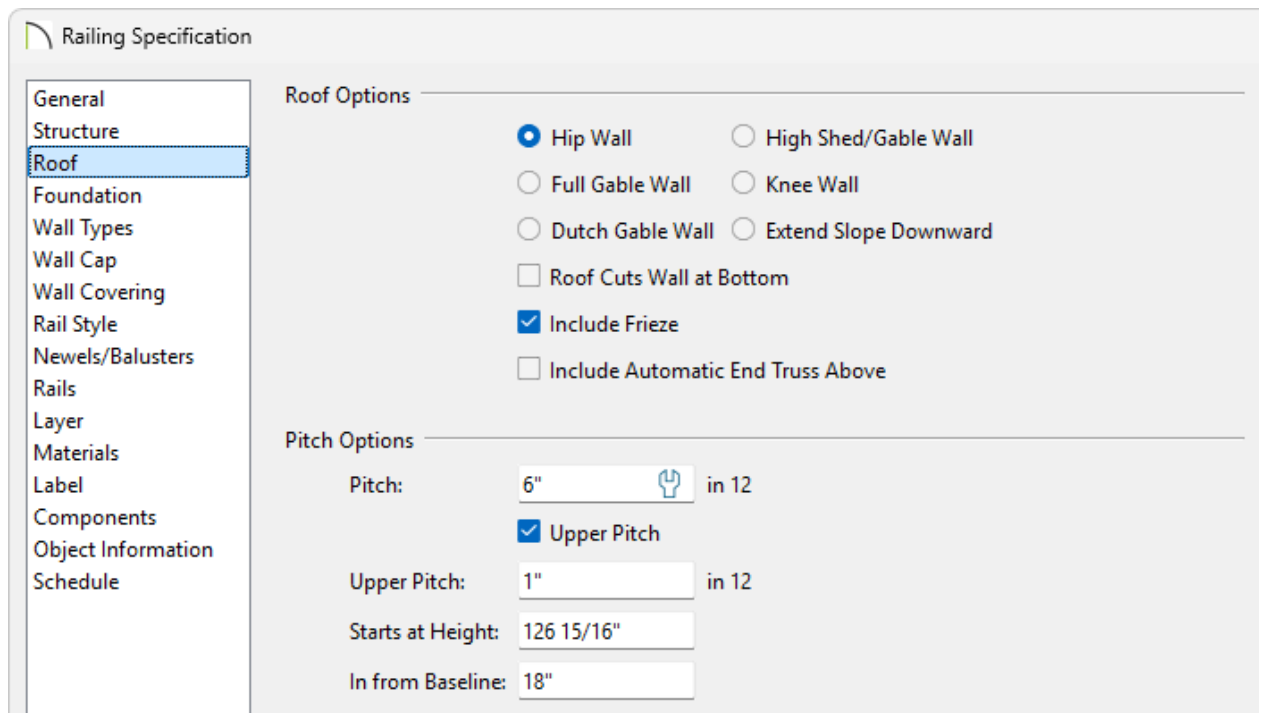
- Check the **Roof Over This Room** and **Use Soffit Surface for Ceiling** boxes.
- Uncheck the **Flat Ceiling Over This Room** box.
- Click **OK**.

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:





- 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.

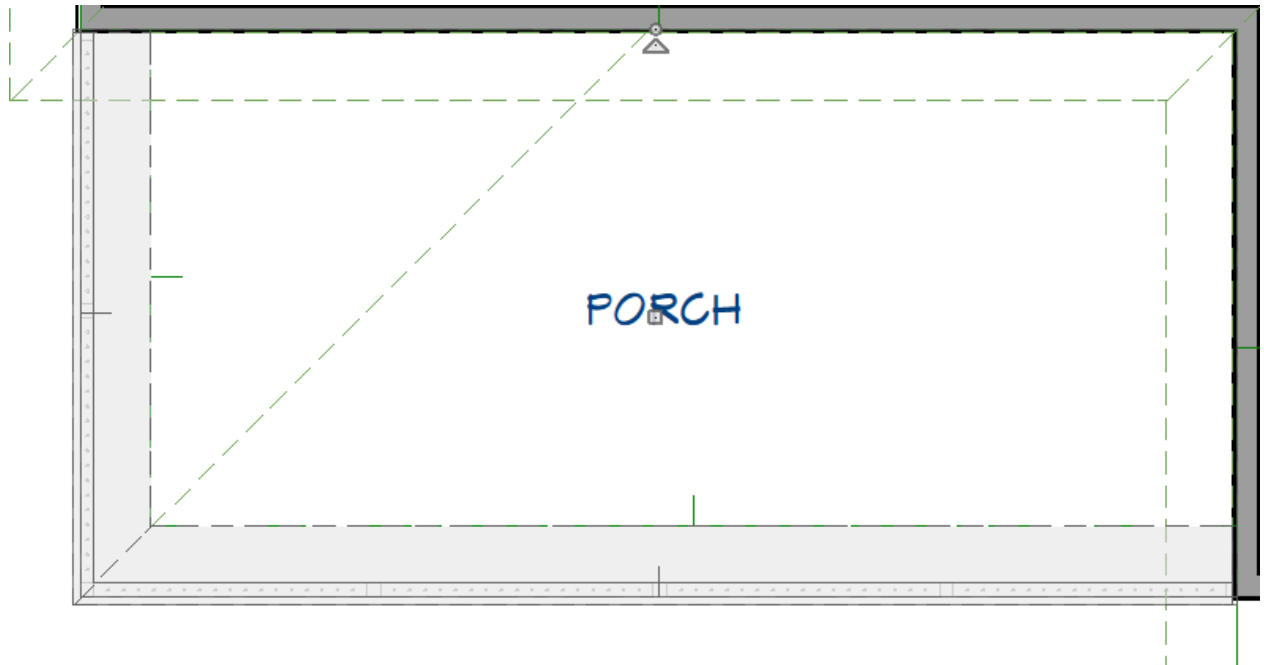
In this example, 2" is used.

- Click **OK**.

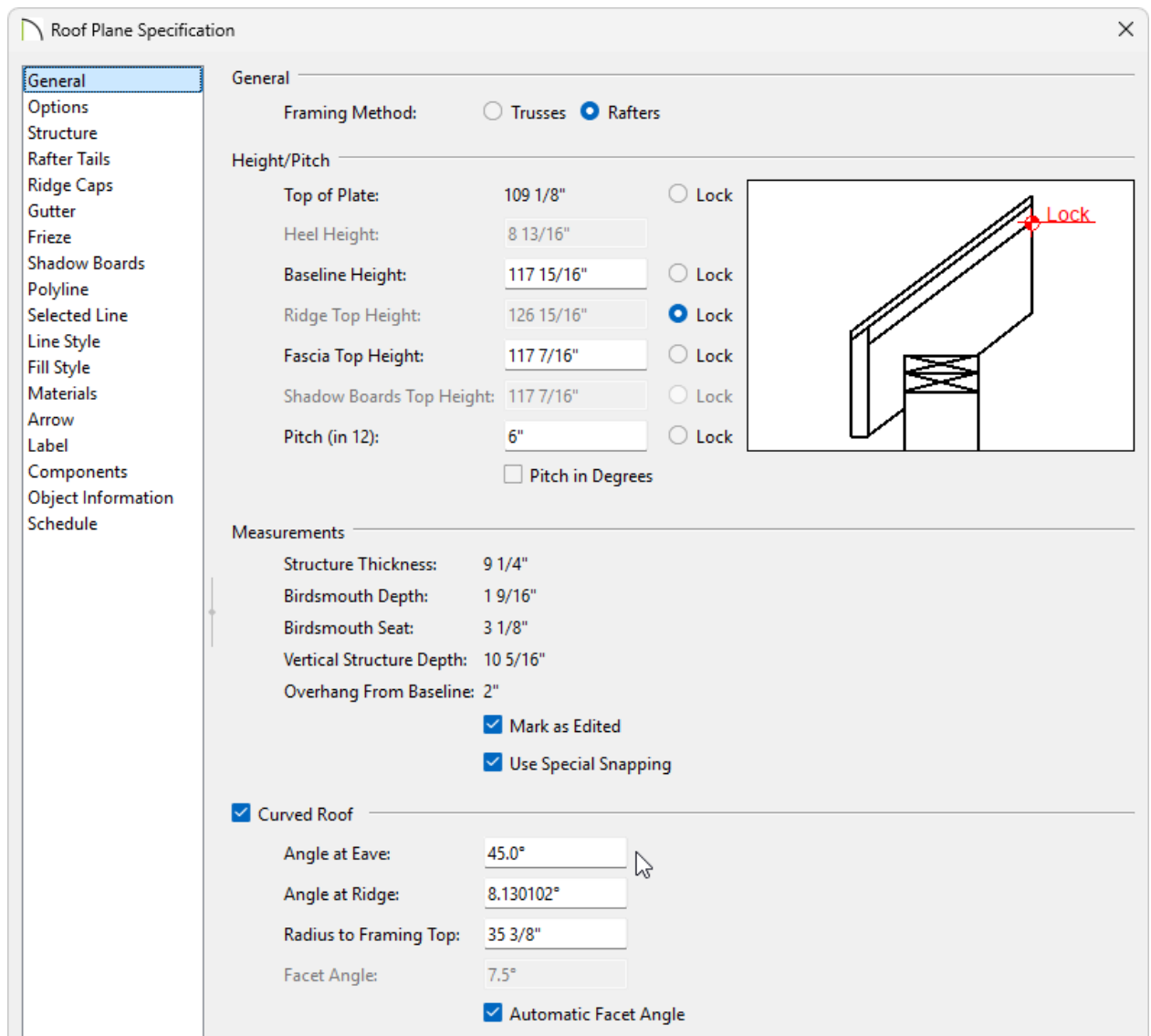
5. Select **Build> Roof> Build Roof**  from the menu.

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

7. 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.




8. 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**.


Related Articles

[📄 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)



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