

# Creating a Bullnose Verandah

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Reference Number: **KB-03040**

Last Modified: **July 19, 2021**

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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 done in Chief Architect?

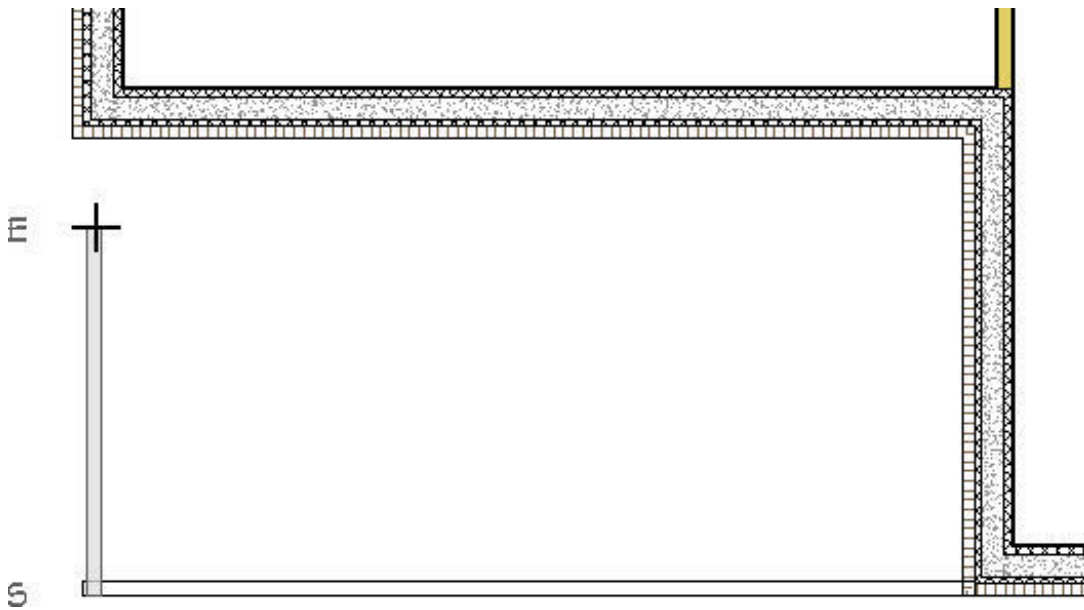



# ANSWER

Chief Architect's roof tools are able 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.



## Creating the covered patio

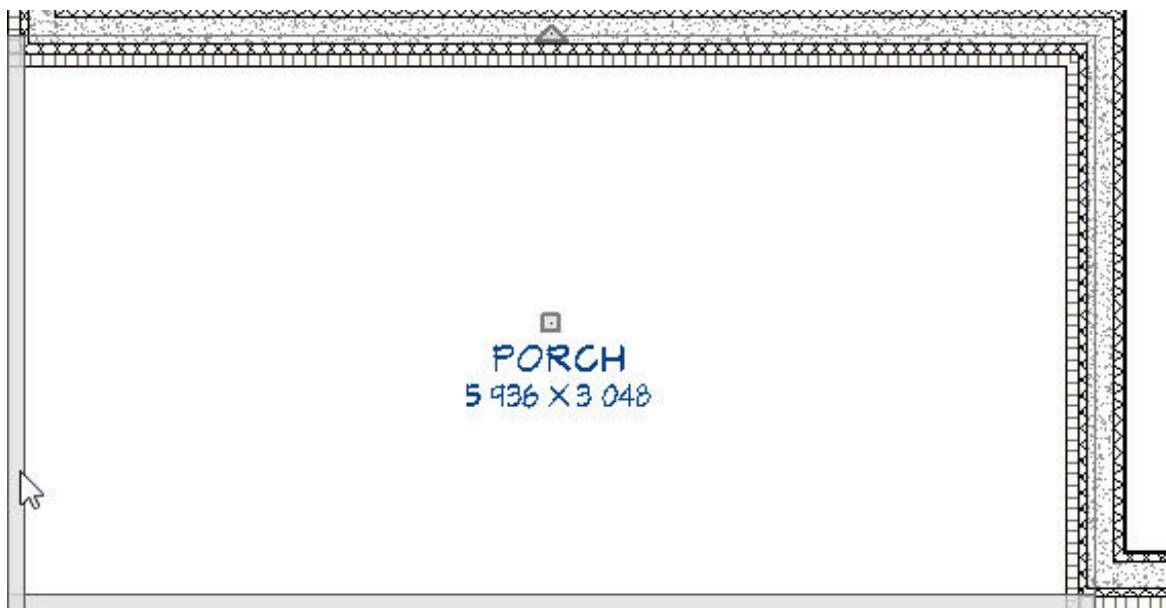
1. Start by selecting **Build> Wall> Straight Deck Railing**  from the menu.
2. Draw the outline of your verandah.



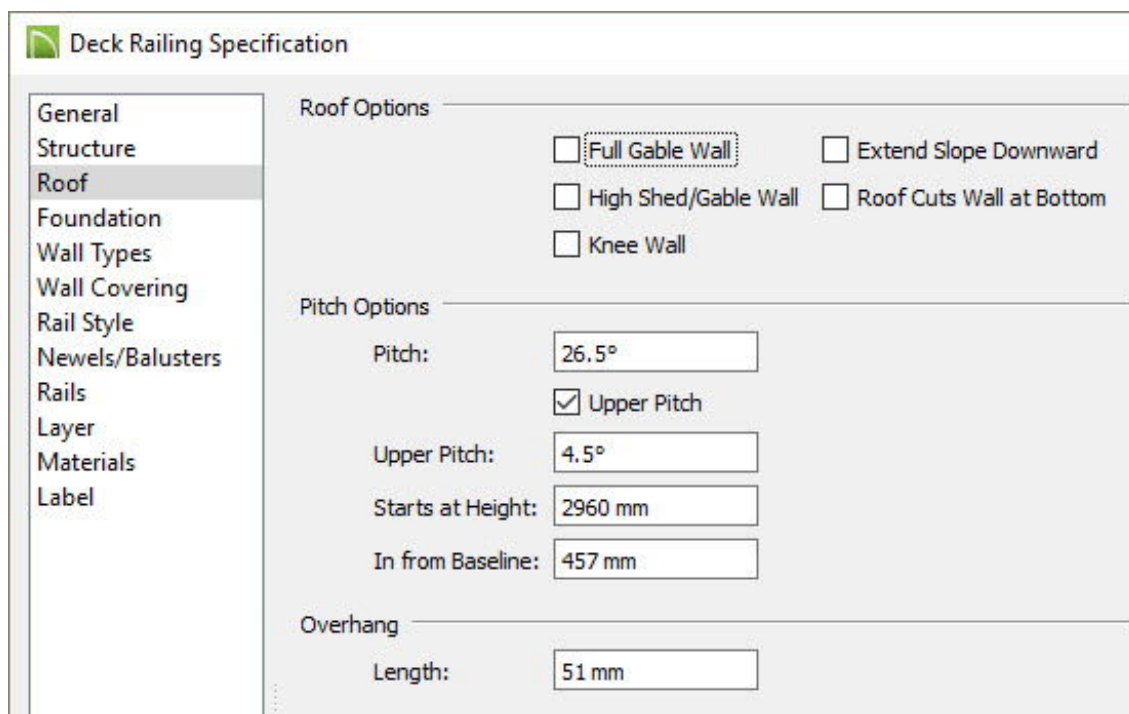
3. Select the deck room you just created and click the **Open Object**  edit button.
4. Under the **GENERAL** panel, set the **Room Type** to **Porch**.
5. Under the **STRUCTURE** panel, change the **Rough Ceiling** to a height that is at least **12" (308mm)** lower than the main house to avoid the roof merging together.

In this example, the main structure has a **Rough Ceiling** of **14' (4,267mm)** and the porch is **12' (3,658mm)**.

6. Under the **STRUCTURE** panel, check the box next to **Roof Over This Room**.
7. Check the box next to **Use Soffit Surface for Ceiling**
8. Click **OK** to close the **Room Specification** dialog.
9. Activate the **Select Objects**  tool.
10. While holding down the **Shift** key on the keyboard, click on each railing to group-select all the railings and click the **Open Object**  edit button to open the **Deck Railing Specification** dialog.



11. In the **Deck Railing Specification** dialog, select the **Roof** panel:



**Deck Railing Specification**

**General**  
**Structure**  
**Roof**  
Foundation  
Wall Types  
Wall Covering  
Rail Style  
Newels/Balusters  
Rails  
Layer  
Materials  
Label

**Roof Options**

☐ Full Gable Wall ☐ Extend Slope Downward  
☐ High Shed/Gable Wall ☐ Roof Cuts Wall at Bottom  
☐ Knee Wall

**Pitch Options**


Pitch: 26.5°  
☒ Upper Pitch  
Upper Pitch: 4.5°  
Starts at Height: 2960 mm  
In from Baseline: 457 mm

**Overhang**

Length: 51 mm

- Set the Pitch to **6" in 12" (26.5°)**.
- Check the box next to **Upper Pitch**.
- 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" (51 mm)** was used.

12. Click **OK** to close the **Deck Railing Specification** dialog.

13. Select **Build> Roof> Build Roof**  from the menu to open the **Build Roof** dialog.


14. Check the box next to **Build Roof Planes** and, if necessary, uncheck **Auto Rebuild Roofs**.

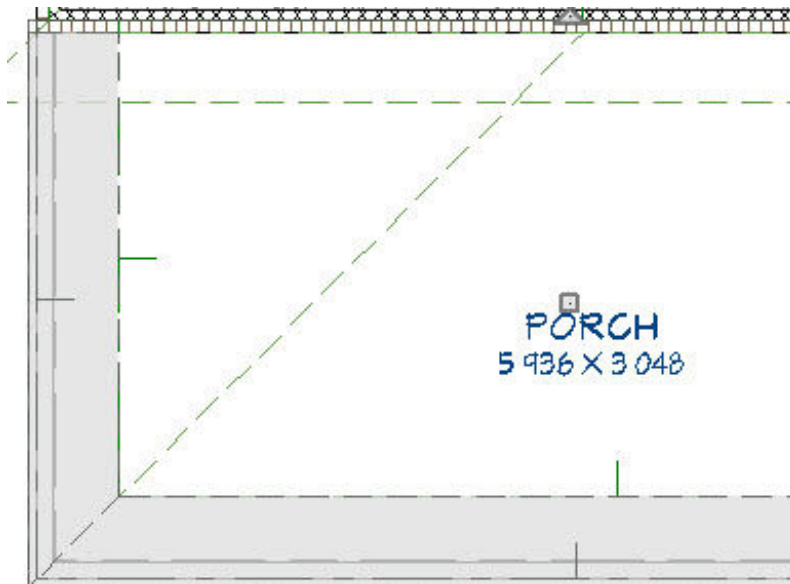
15. Click **OK** to close the **Build Roof** dialog and build the roof.


16. Create a camera view to see the resulting roof.



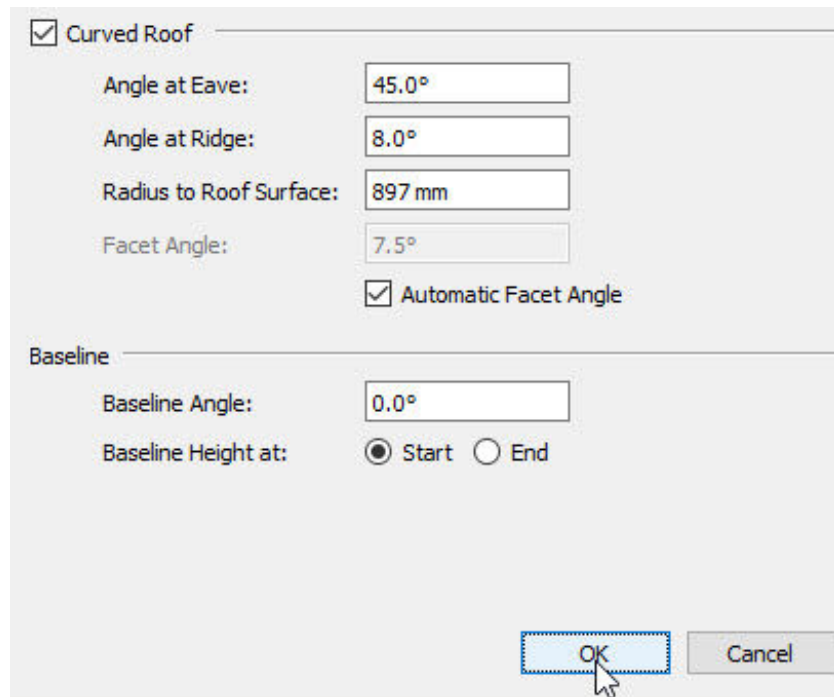
## Adding the bullnose

1. From the menu, select **Build> Roof> Roof Plane** .
2. Hold down the **Shift** key on the keyboard and group-select the lower roof planes over the porch.



3. Click the **Open Object**  edit button to open the **Roof Plane Specification** dialog.
4. On the **GENERAL** panel, check the box next to **Curved Roof** and set the **Angle at**

Eave to **45°** and click **OK** to accept the change.



☒ Curved Roof

Angle at Eave: 45.0°

Angle at Ridge: 8.0°

Radius to Roof Surface: 897 mm

Facet Angle: 7.5°

☒ Automatic Facet Angle

Baseline

Baseline Angle: 0.0°

Baseline Height at: ☒ Start ☐ End

OK Cancel

5. Open a camera view to see the resulting roof.

#### 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)
- [📄 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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