

# Extending a Roof Plane Over a Bump-out

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The information in this article applies to:



## QUESTION



I have a bump-out in my plan, and I want the roof to extend down over the bump-out. How can I accomplish this task?

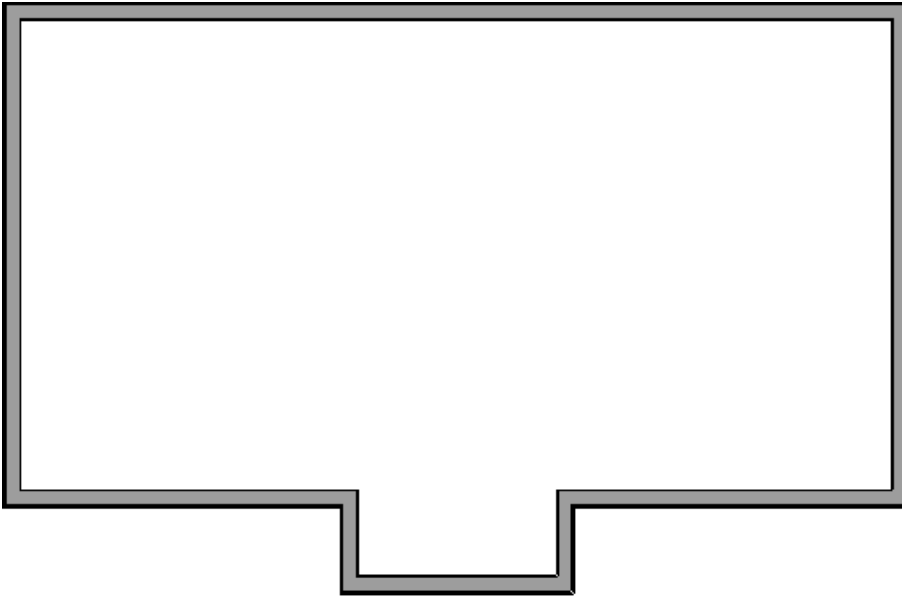



## ANSWER

A roof plane can extend over a bump-out. This can be done by changing the side walls of the bump-out to be Full Gable Walls and changing the front wall to use Extend Slope Downward setting.

## To create a basic plan with a bump-out

1. Launch Home Designer and start a **New Plan**  using the default style template.
2. Next, select **Build> Wall> Straight Exterior**  wall, and create a basic structure with a bump-out, as shown in the image below.



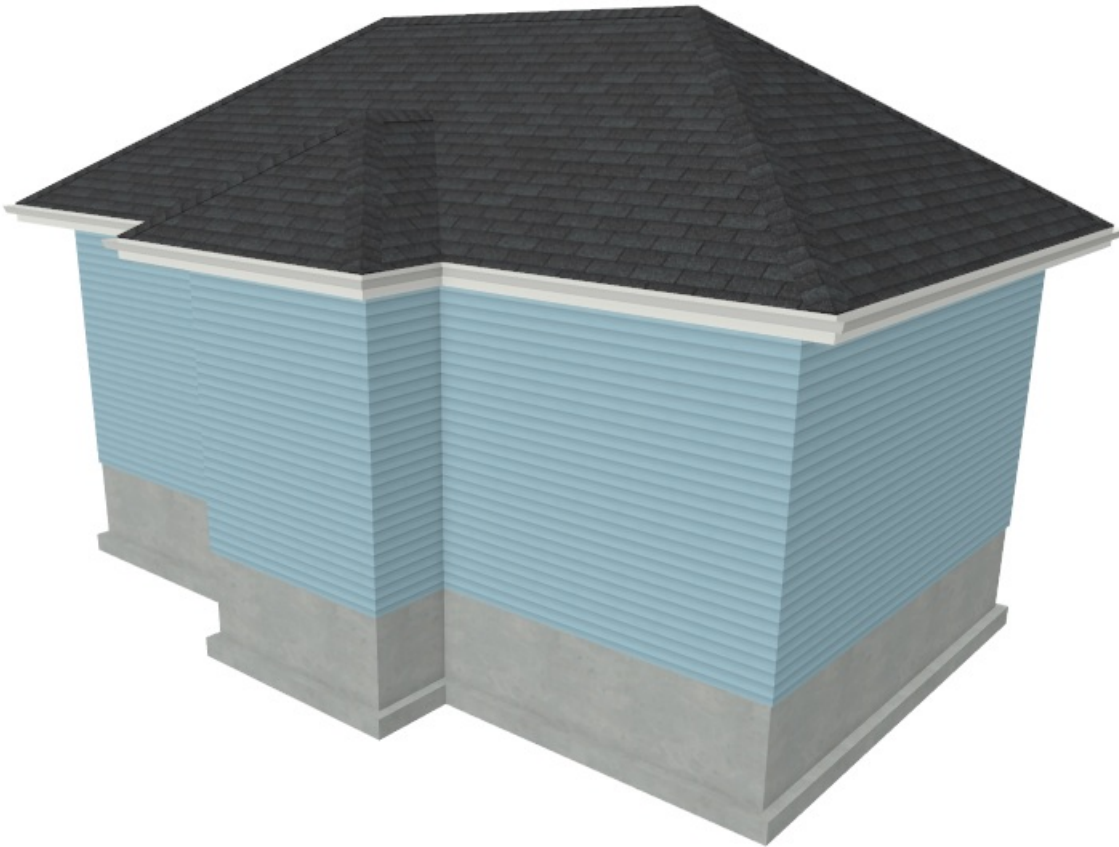
3. If the Auto Rebuild Roofs setting is not enabled, select **Build> Roof> Build Roof**  from the menu and click **OK**.

In Home Designer Pro, make sure to check **Build Roof Planes**.

4. Select **3D> Create Camera View> Perspective Full Overview** .



In Home Designer Pro, navigate to **3D> Create Perspective View> Perspective Full Overview**  instead.

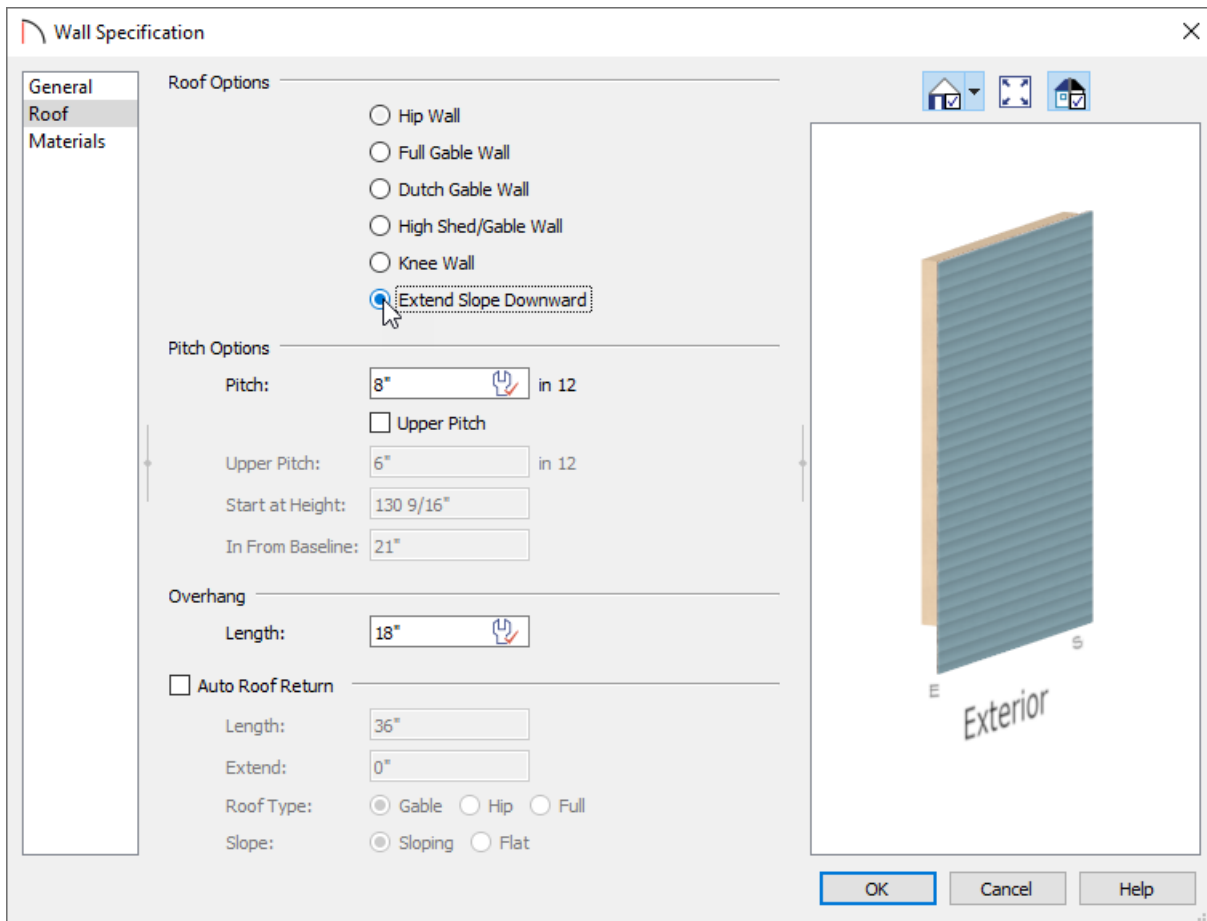
As we can see in the image below, the resulting roof is a hip over the bump-out area.



5. Select **File> Close View** to close the camera view and return to your floor plan.

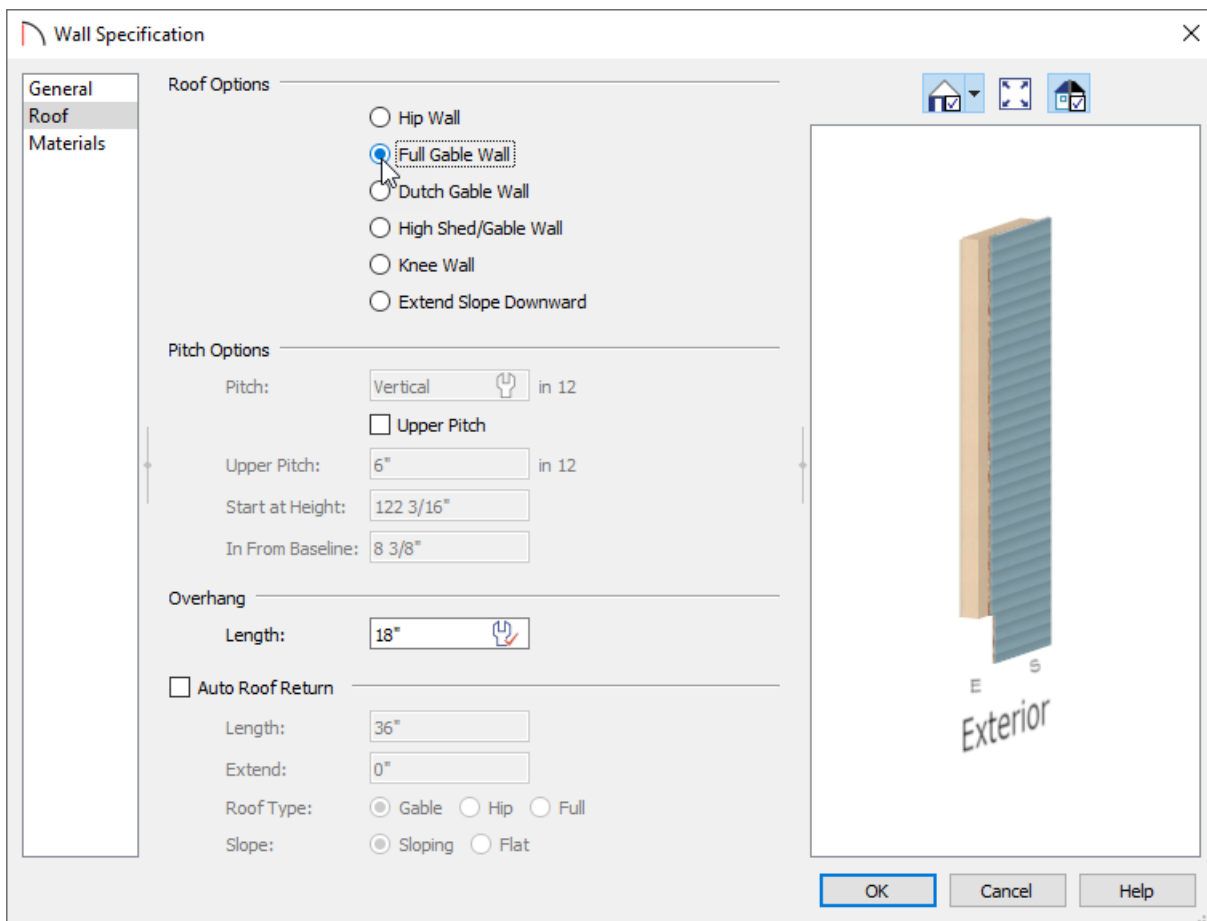
### To extend a roof plane down over a bump-out


1. Using the **Select Objects**  tool, select the front wall of the bump-out, then click the **Open Object**  edit button.
2. On the **ROOF** panel of the **Wall Specification** dialog that opens, select **Extend Slope Downward** to extend the main structure's existing roof plane downward over the bump-out, instead of creating additional roof planes.



3. Click **OK**.

4. Next, both of the two connecting walls that create the bump-out must be labeled as **Full Gable Walls**, as shown in the image below.

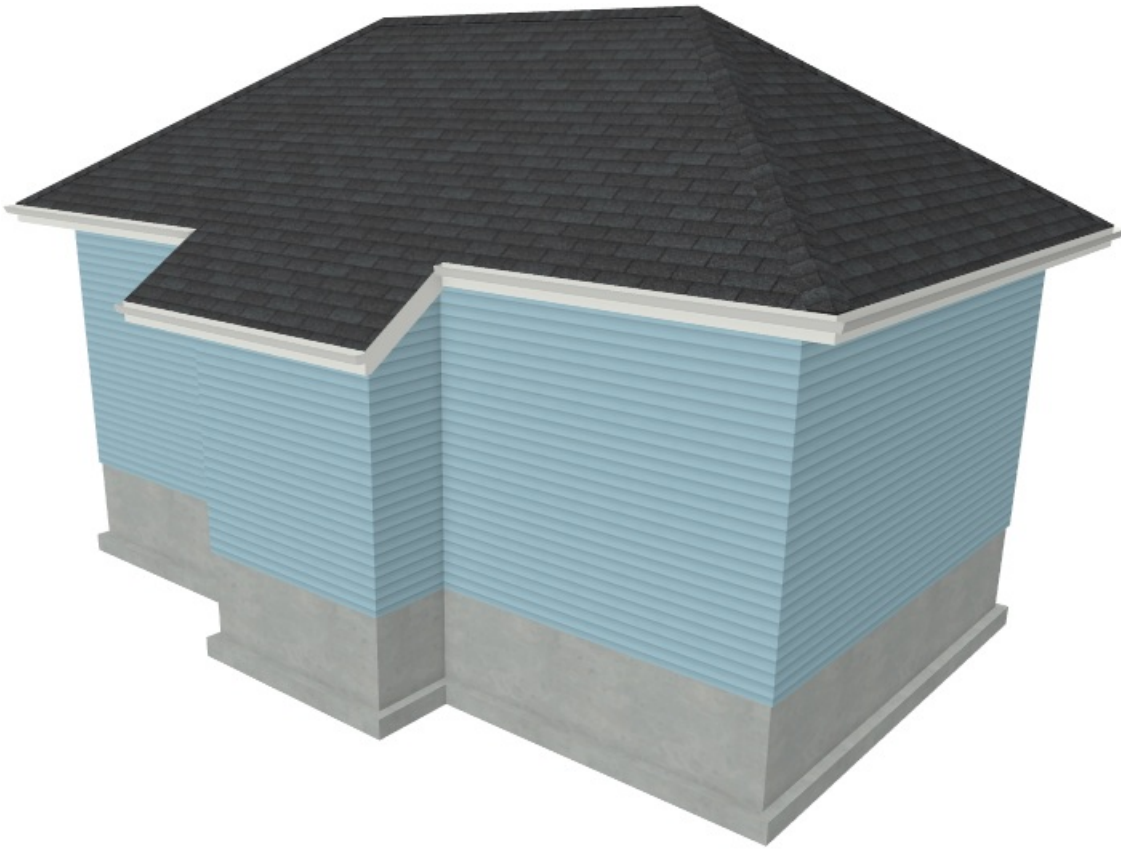


5. If the Auto Rebuild Roofs setting is not enabled, select **Build> Roof> Build Roof**  from the menu and click **OK**.

In Home Designer Pro, make sure to check **Build Roof Planes**.

6. Select **3D> Create Camera View> Perspective Full Overview**  to see the results.

In Home Designer Pro, navigate to **3D> Create Perspective View> Perspective Full Overview**  instead.



Now that you understand this process, you can take this knowledge and apply it to your own designs.

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Related Articles

[🏠 Automatically Building the Basic Roof Styles \(/support/article/KB-00359/automatically-building-the-basic-roof-styles.html\)](/support/article/KB-00359/automatically-building-the-basic-roof-styles.html)