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Automatically Creating a Saltbox Roof

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The information in this article applies to:

PREMIER   INTERIORS

QUESTION

I need to create a Saltbox style roof, which is similar to an Offset Gable, in my plan. How can I create this?

ANSWER

A saltbox roof can be created automatically by generating an additional floor level and utilizing the Knee Wall setting located on the Roof panel of the Wall Specification dialog.
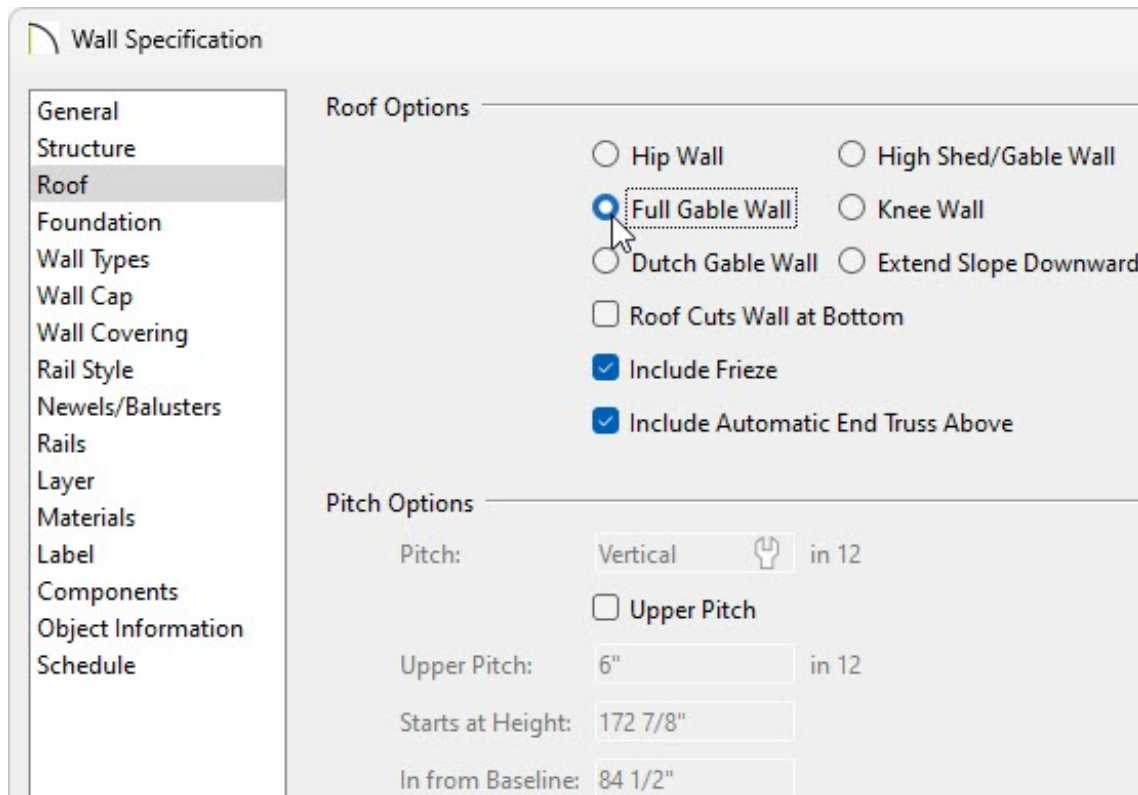
To create a saltbox roof

1. In a blank plan, navigate to **Build> Wall> Straight Exterior Wall** , then click and drag out 4 walls to create a basic 30' x 40' structure.
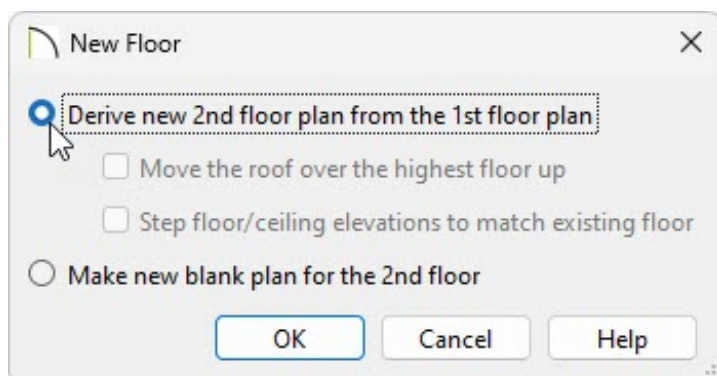

2. Use the **Select Objects** tool to click on the left 30' wall and select the **Open Object** edit tool.

3. On the ROOF panel of the **Wall Specification** dialog that opens, select the **Full**

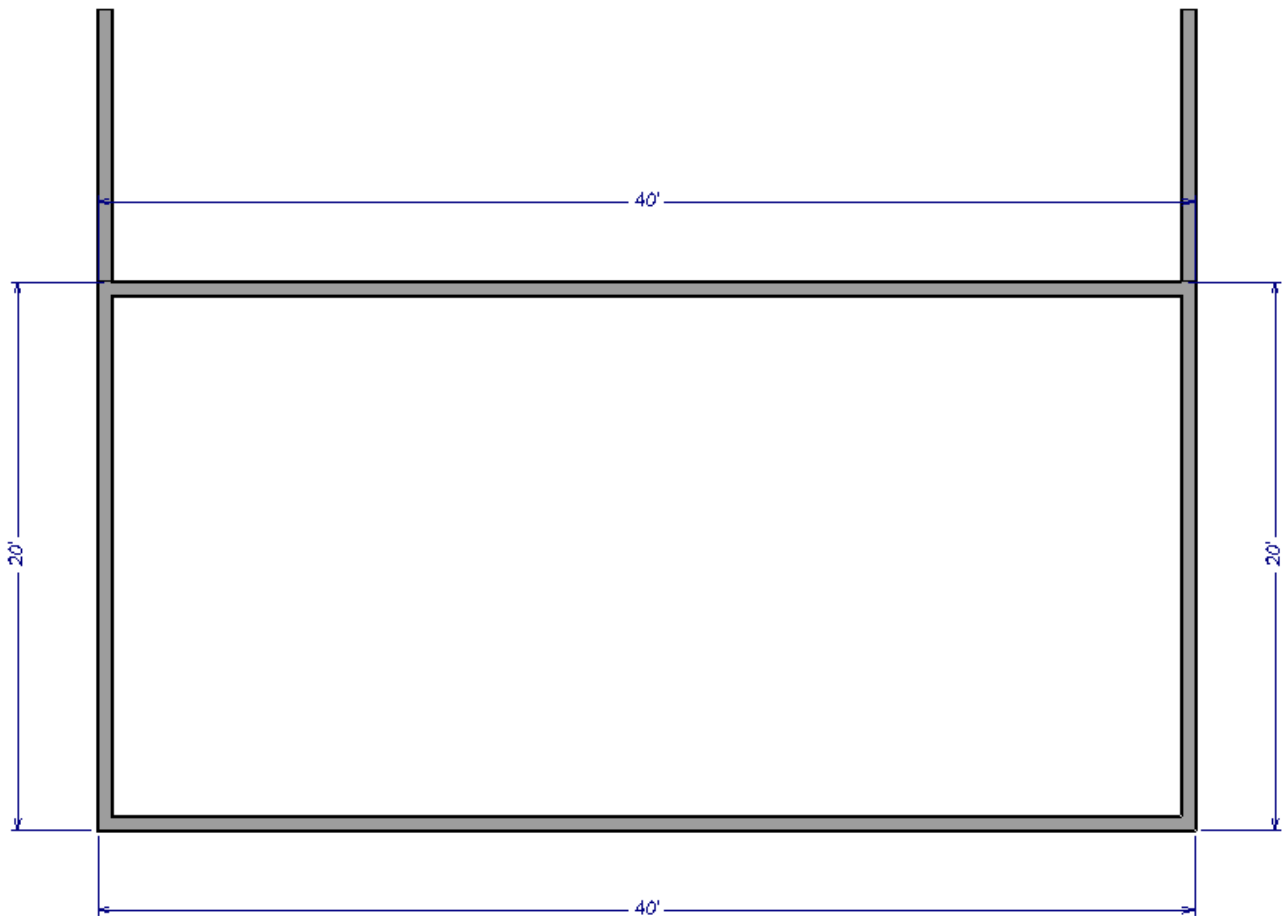**Gable Wall** option under the Roof Options section, then click **OK**.

> **Note:** You can also use the Change to Gable Wall(s) edit tool to convert hip walls to gable walls without having to open the Wall Specification dialog.

4. Repeat Steps 2 and 3 to make the opposite wall a Full Gable Wall as well.

5. Select **Build> Floor> Build New Floor** , and in the **New Floor** dialog that opens, choose to **Derive new 2nd floor plan from the 1st floor plan**, then click **OK**.
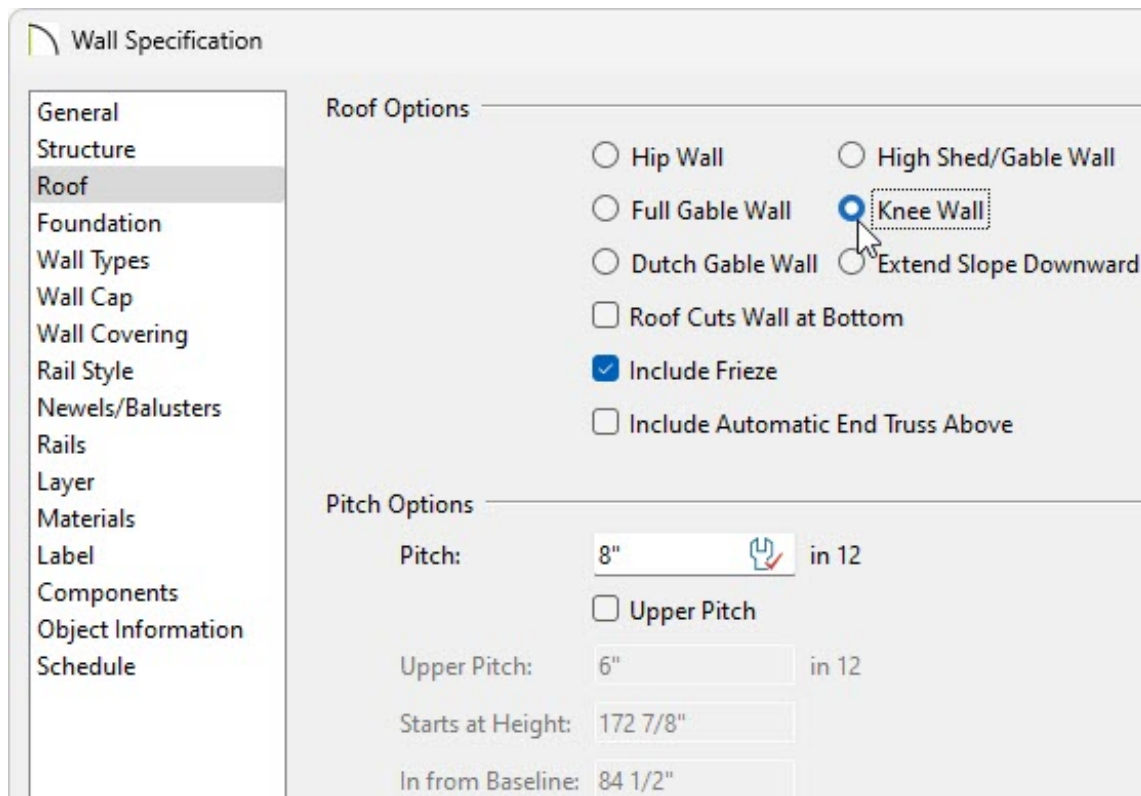
6. On the newly created 2nd floor, **Move** ⊕ the top horizontal 40' wall inwards so that its distance from the bottom horizontal wall changes from 30' to 20'

7. With this wall still selected, click the **Open Object** ⬔ edit tool.

8. On the Roof panel of the **Wall Specification** dialog that opens, select the **Knee Wall** option under the Roof Options section, then click **OK**.

> A knee wall's height is defined by the roof above, not the ceiling height.

9. If Auto Rebuild Roofs is not enabled, navigate to **Build> Roof> Build Roof** from the menu, check the **Build Roof Planes** box, then click **OK** to see the changes reflect in your plan.

Related Articles

Creating a Dutch Hip Roof (/support/article/KB-00749/creating-a-dutch-hip-roof.html)

Generating a Half-Hip Roof Automatically (/support/article/KB-00736/generating-a-half-hip-roof-automatically.html)

Generating Automatic Hip and Gable Roofs (/support/article/KB-00758/generating-automatic-hip-and-gable-roofs.html)

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