

Creating a Saltbox Roof

Reference Number: **KB-00735**

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The information in this article applies to:



QUESTION

I need to create a Saltbox style of roof in my Home Designer plan, where I have a long, pitched roof that slopes down to the back, which creates a single story in the back, and two stories in front. How can I create this?






ANSWER

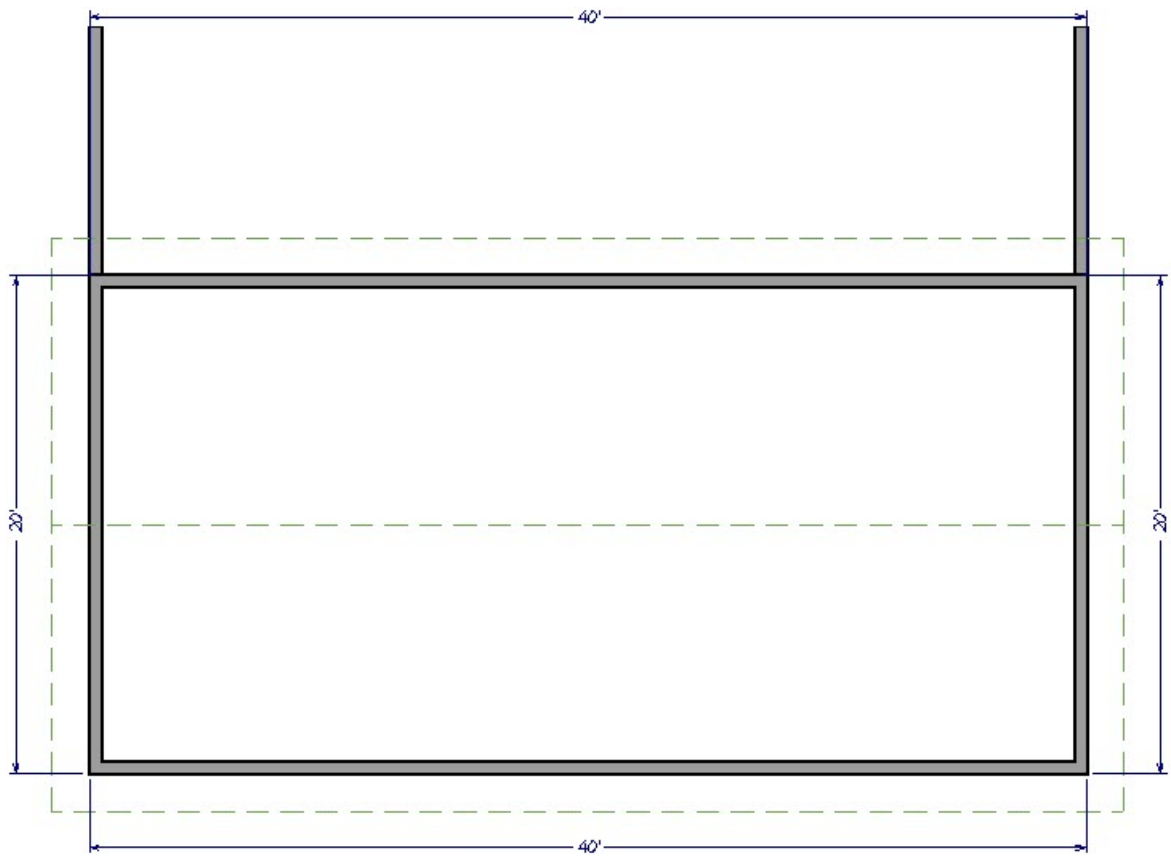
Saltbox roofs can be created using the Knee Wall setting and manipulating how roof planes generate.


To create a basic saltbox style roof

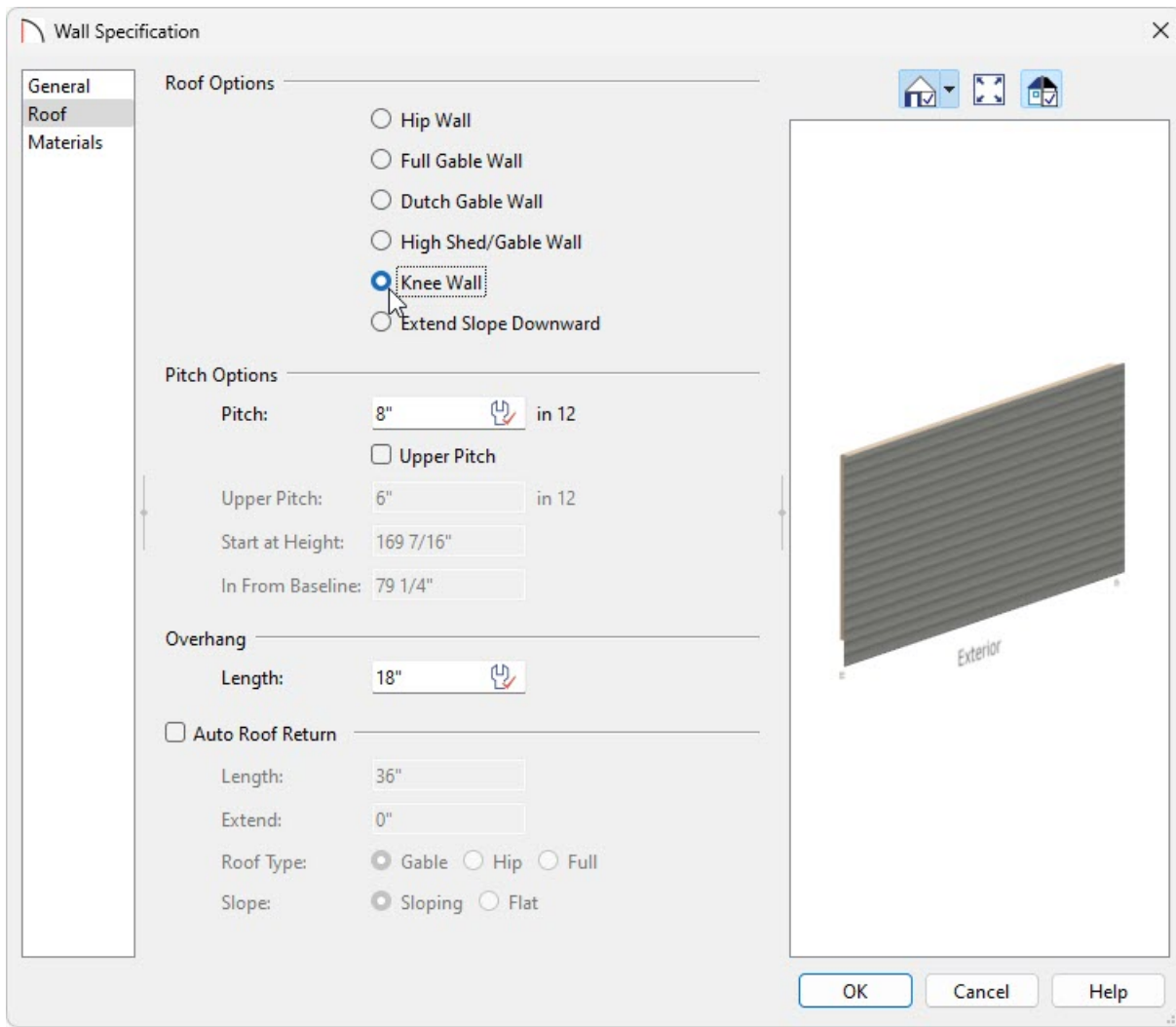
1. In a new, blank plan, select **Build> Wall> Straight Exterior Wall** , then click and drag out 4 walls to create a basic 30' x 40' structure.




2. Use the **Select Objects**  tool to click on the vertical left 30' wall and click on the **Change to Gable Wall**  edit button.
3. Follow the same procedure for the opposite wall.
4. Select **Build> Floor> Build New Floor**  and choose the **Derive new 2nd Floor plan from the 1st floor plan** option, then click **OK**. Adjust the defaults in the dialog that appears next, then click **OK**.
5. On the newly created 2nd floor, select and move the top horizontal 40' wall in so that its distance from the opposing bottom horizontal wall goes from 30' down to 20', as demonstrated in the image below.



6. With this top wall still selected, click the **Open Object**  edit tool to display its specification dialog.
7. Go to the **Roof** panel and select the **Knee Wall** option, then click **OK**.



8. If you do not have the Auto Rebuild Roofs functionality enabled, select **Build> Roof> Build Roof** , then click **OK** to rebuild the roof planes to reflect the changes that you have made.

In Home Designer Pro, check the **Build Roof Planes** box within the **Build Roof** dialog, then click **OK**.

9. Go to **3D> Create Camera View> Full Camera**  and then click and drag to see your results.

In Home Designer Pro, instead go to **3D> Create Perspective View> Full Camera**  and then click and drag to see your results.

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)
-  [Positioning Objects Precisely Using Dimensions \(/support/article/KB-00487/positioning-objects-precisely-using-dimensions.html\)](/support/article/KB-00487/positioning-objects-precisely-using-dimensions.html)
-  [Setting Exact Wall Dimension Lengths \(/support/article/KB-00245/setting-exact-wall-dimension-lengths.html\)](/support/article/KB-00245/setting-exact-wall-dimension-lengths.html)
-  [Specifying Roof Pitches \(/support/article/KB-00127/specifying-roof-pitches.html\)](/support/article/KB-00127/specifying-roof-pitches.html)

