

Creating a Saltbox Roof

Reference Number: **KB-00735**

Last Modified: **October 31, 2024**

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, pitch 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

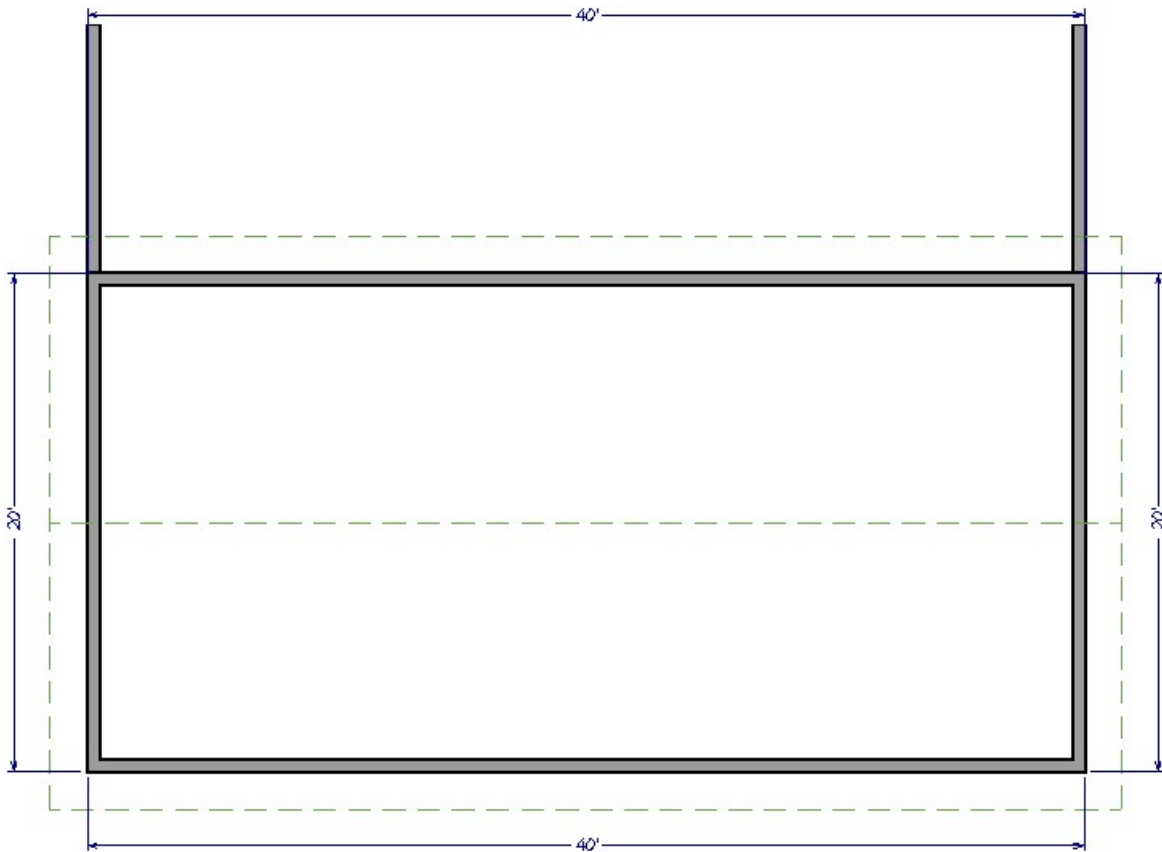
Salt box roofs can be created using the Knee Wall setting and manipulating how roof planes generate.


To create a basic salt box style roof

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





2. Use the **Select Objects**  tool to click on the 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 to **Derive new 2nd Floor plan from the 1st floor plan.**
5. 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 place a checkmark in the **Knee Wall** box then click **OK**.



8. If you do not have a version of the software that automatically rebuilds roofs, or if you have this option unchecked in the **Build Roof** dialog, then you will need to select **Build > Roof > Build Roof** , and click **OK** to rebuild the roof planes to reflect the changes that you have made.
9. Take a 3D **Camera**  view to see the results.