

Building an 'L' Shaped Structure with Full Gable Ends

Reference Number: **KB-00619**

Last Modified: **April 8, 2022**

The information in this article applies to:



QUESTION


How do I create an 'L' shaped structure with automatic gable ends?

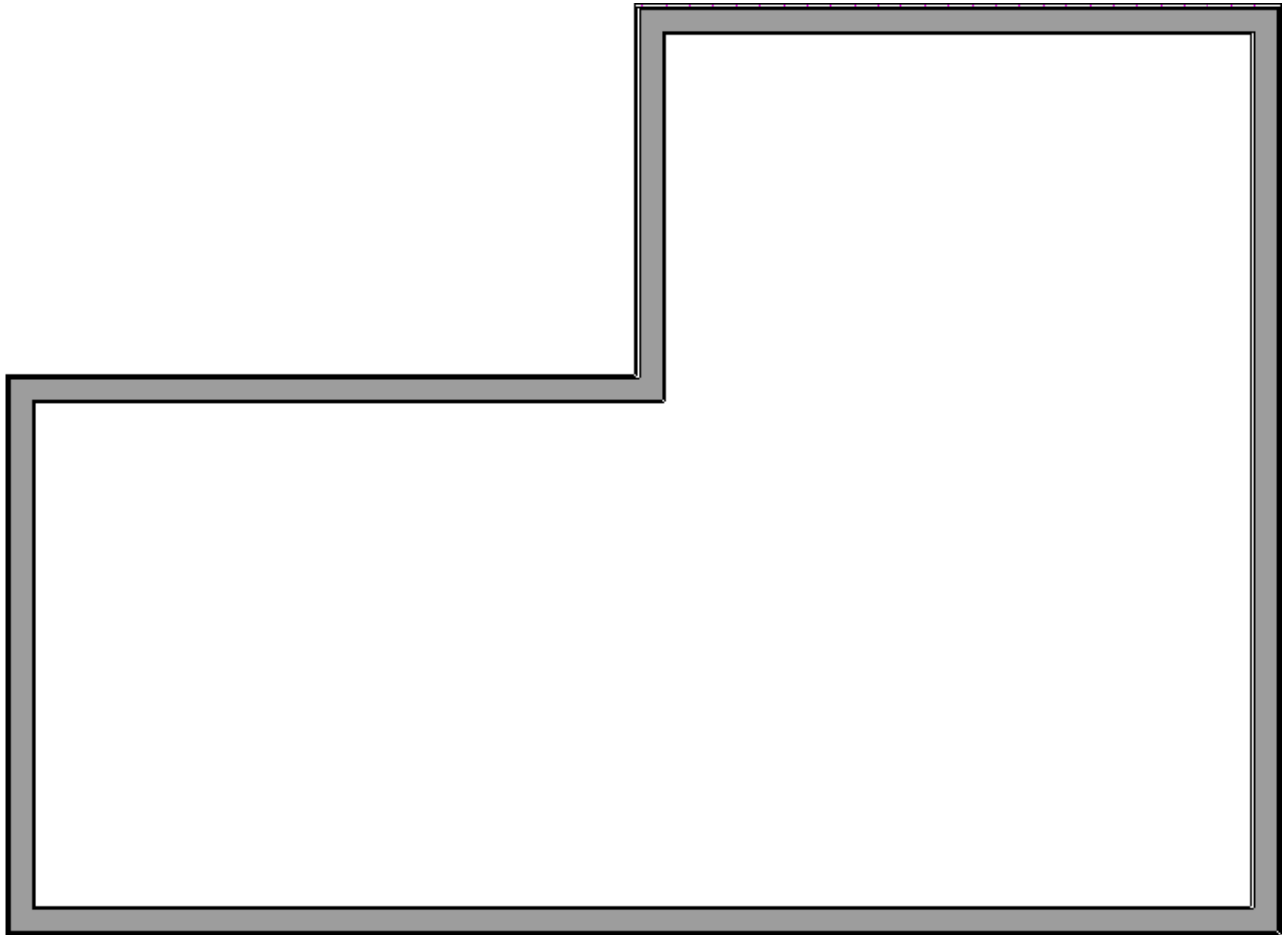


ANSWER

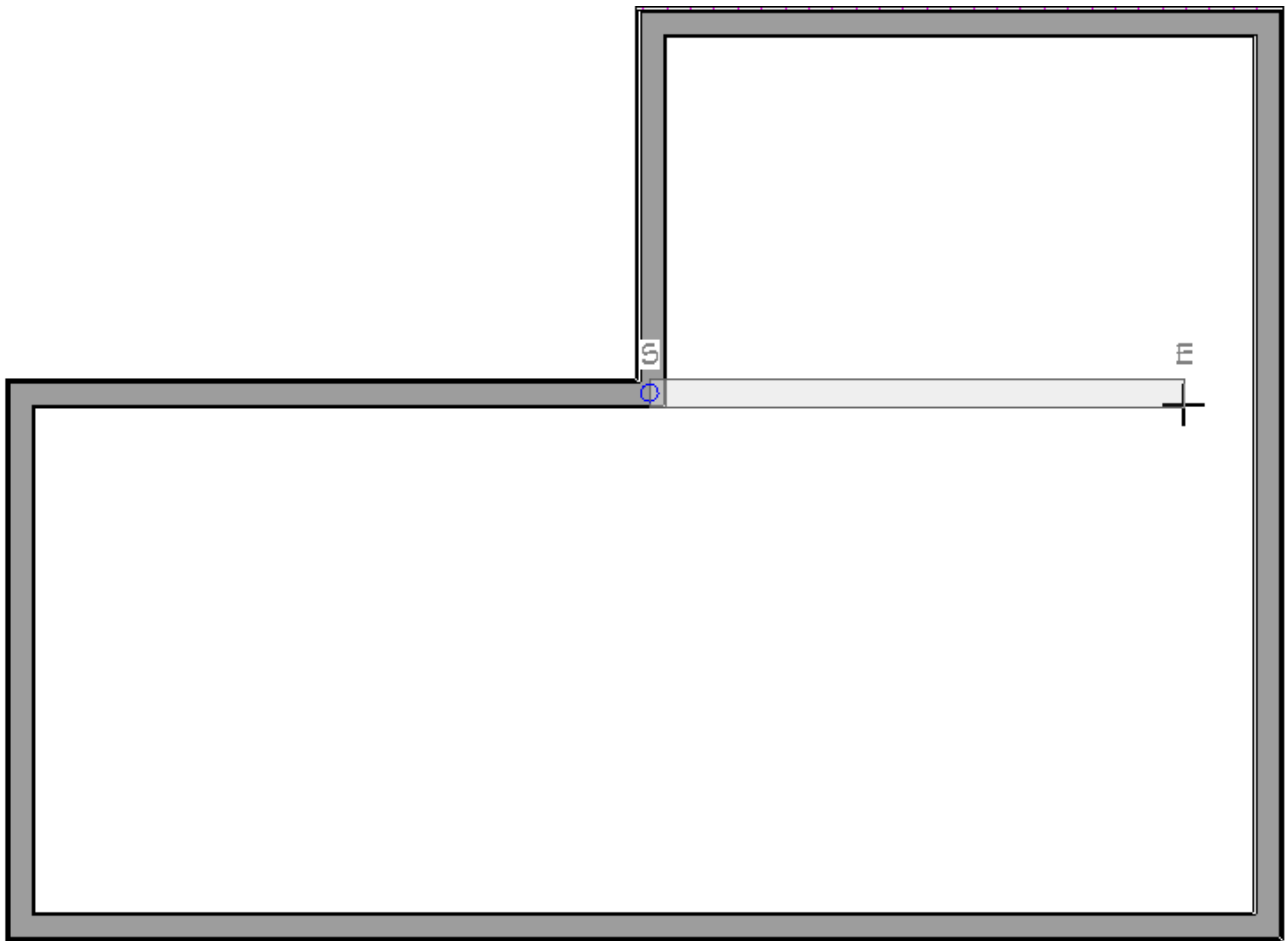
A reverse gable, sometimes called an opposing gable, is perpendicular to the main gable roof. A reverse gable can join the main roof anywhere along the main roof. In this example, it joins the main roof at one end.



To build a reverse gable roof

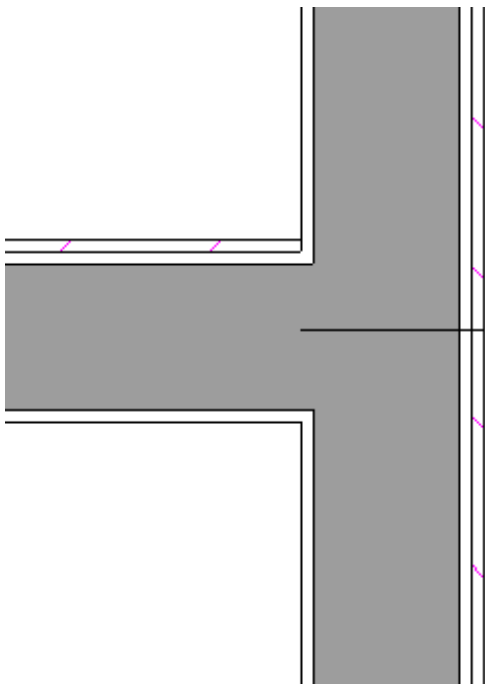
1. Select **Build> Wall> Straight Exterior Wall**  from the menu, then click and drag to draw the walls for your L-shaped structure in a clockwise fashion.




2. Extend the baseline wall through the bump-out of the L.



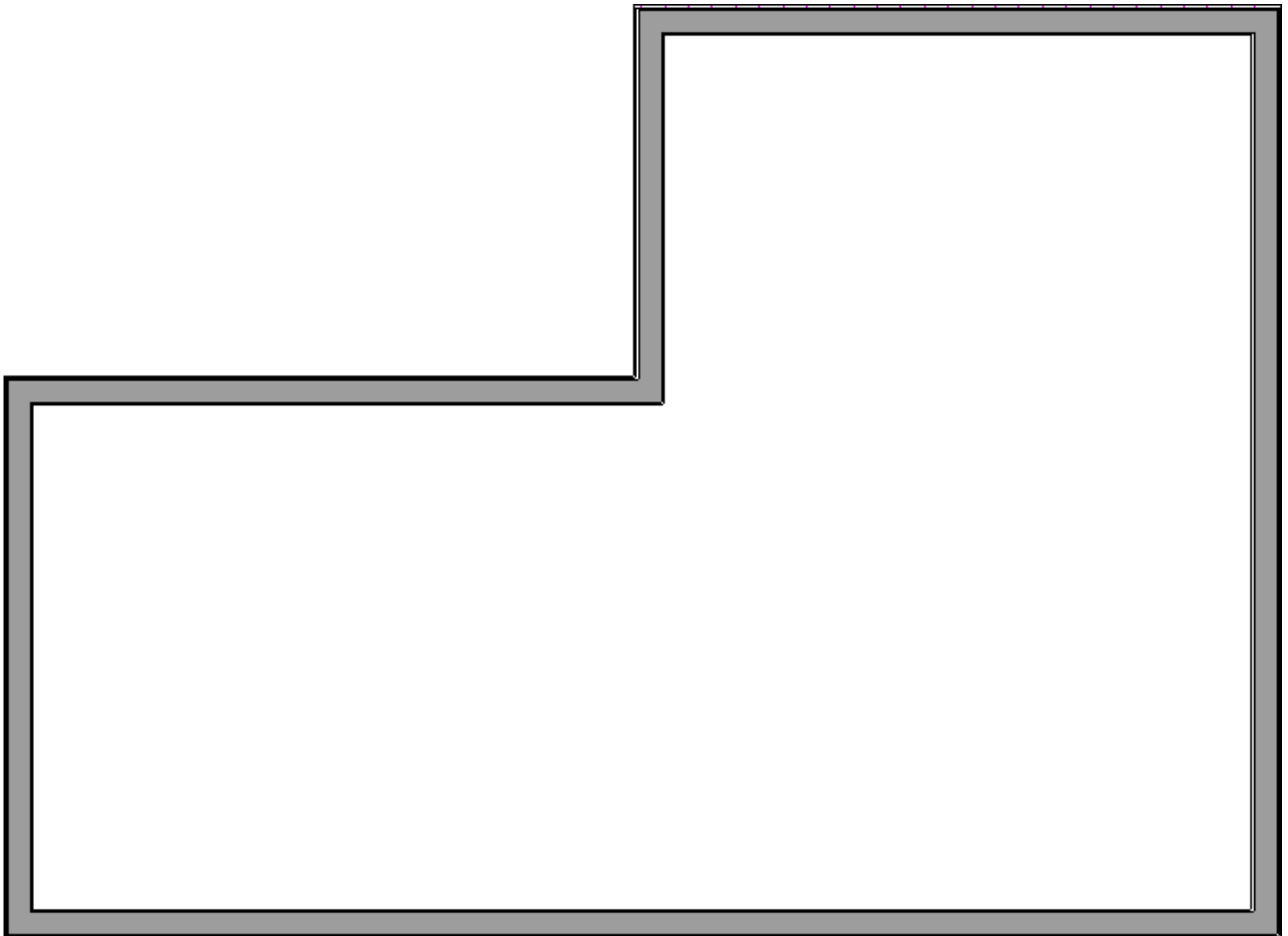
3. Select the wall with **Select Objects**  and then on the Edit toolbar, choose the **Add Break**  edit tool. Click to place a break in the wall where the baseline wall meets the gable.




4. For each of the wall segments that need to be a gable, select the wall, then click the

Open Object  tool on the Edit toolbar.

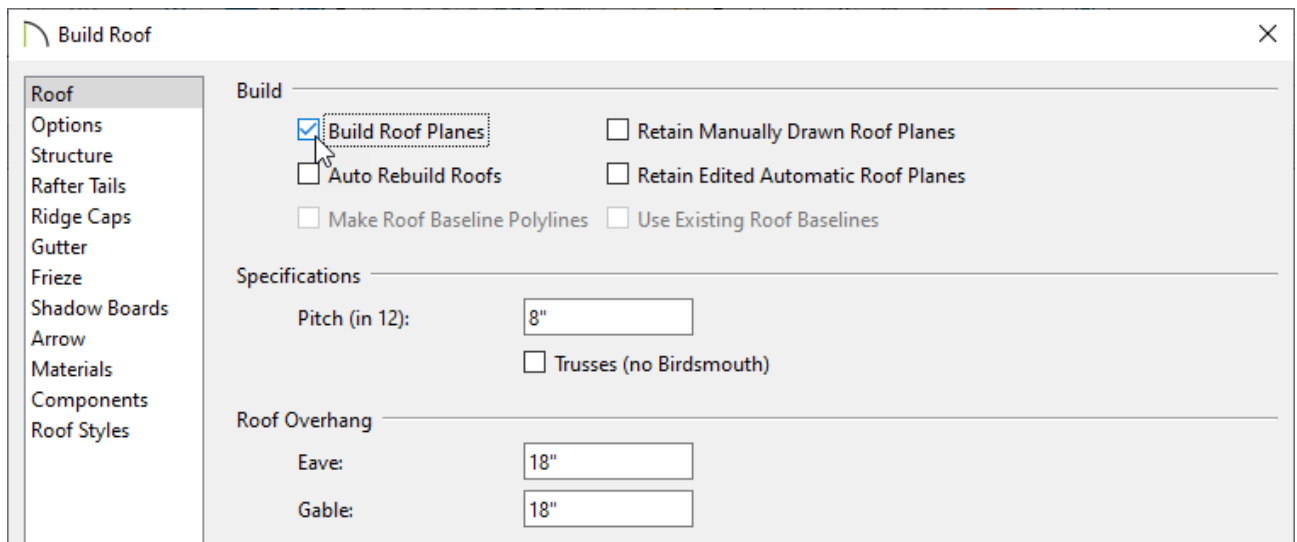
5. On the ROOF panel of the **Wall Specification** dialog that displays, select **Full Gable Wall**, then click **OK**.
6. Pull the baseline wall's end back to its original location.



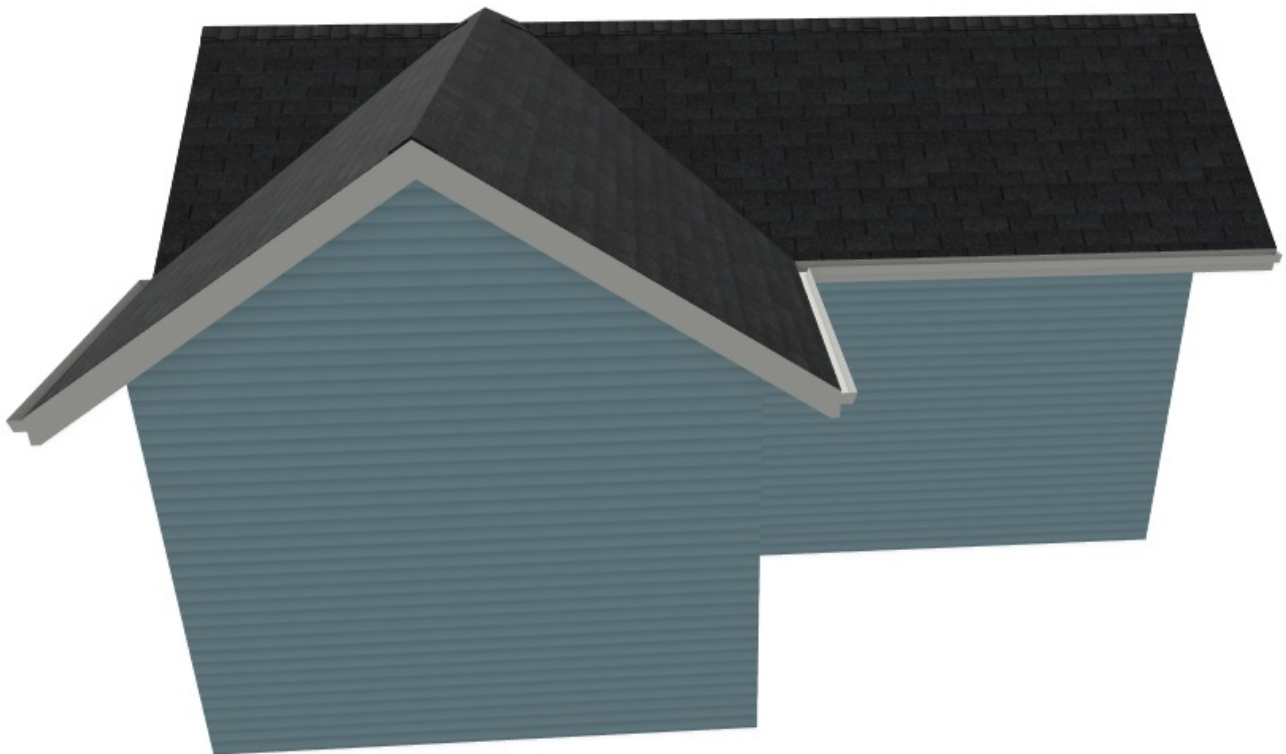
7. Select **Build> Roof> Build Roof**  from the menu to open the **Build Roof** dialog.

If **Auto Rebuild Roofs** is enabled, this step, along with the next step (Step 8) are not necessary.

8. Check the **Build Roof Planes** box, then click **OK** to build the roof.



9. Select **3D> Create Perspective View> Perspective Full Overview**  from the menu to see the results.



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