

Building an 'L' Shaped Structure with Full Gable Ends

Reference Number: **KB-00456**

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The information in this article applies to:



QUESTION


How do I create an 'L' shaped structure with three full gable ends automatically?




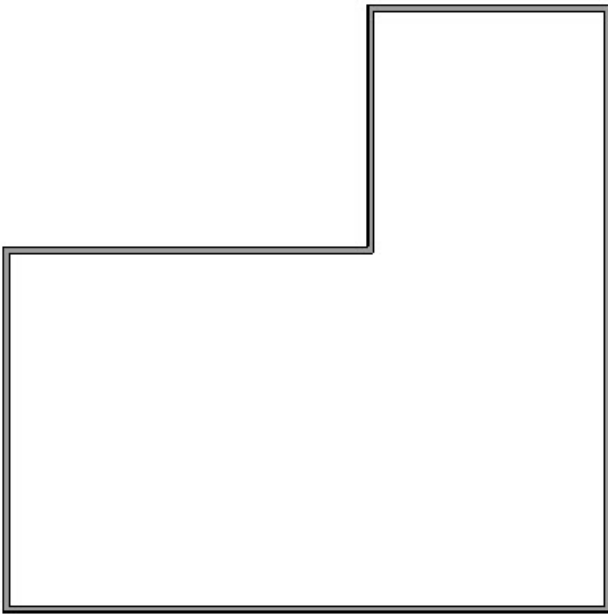
ANSWER


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.

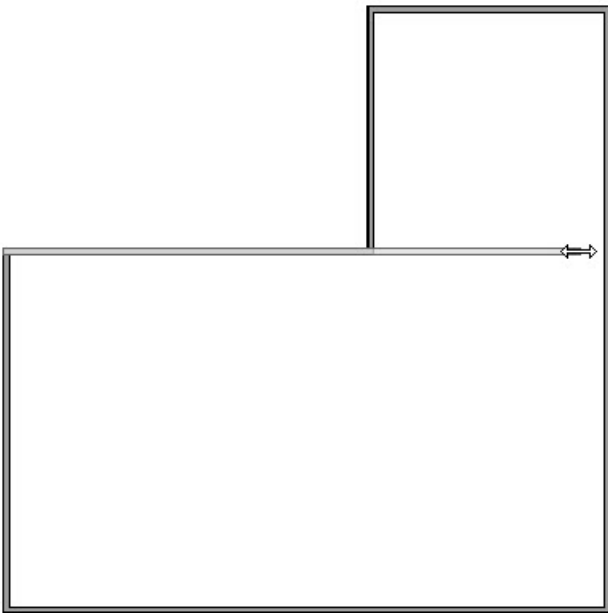
To build an automatic L-shaped reverse gable roof


1. First, launch Home Designer and choose to start a **New Plan** .

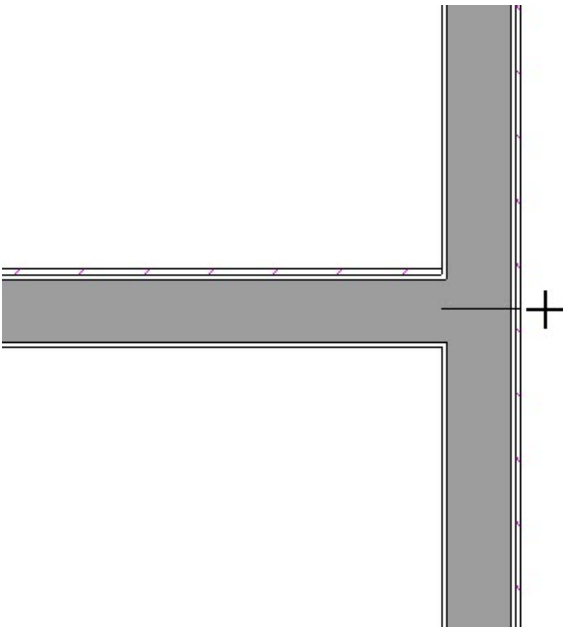
2. Next, select **Build> Wall> Straight Exterior Wall** , and draw the walls for your L-shaped structure in a clockwise fashion.



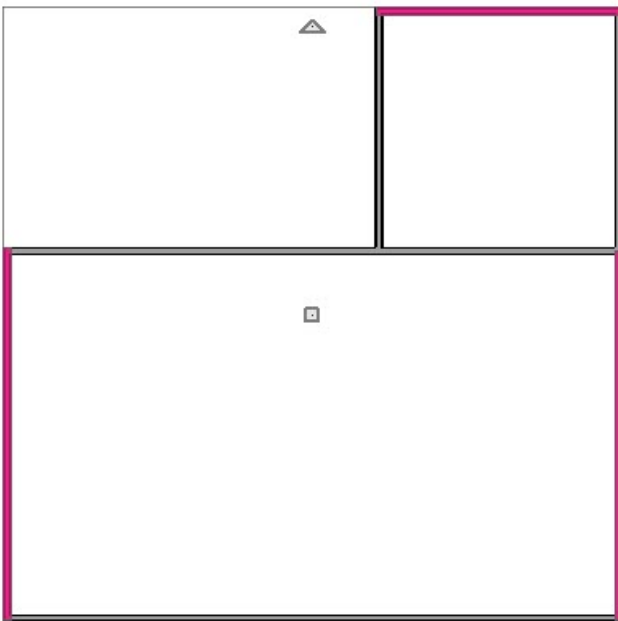
3. Using the **Select Objects**  tool, select the wall, then click and drag its end out to extend the wall through the bump-out of the L, so we know precisely where to place our wall break.




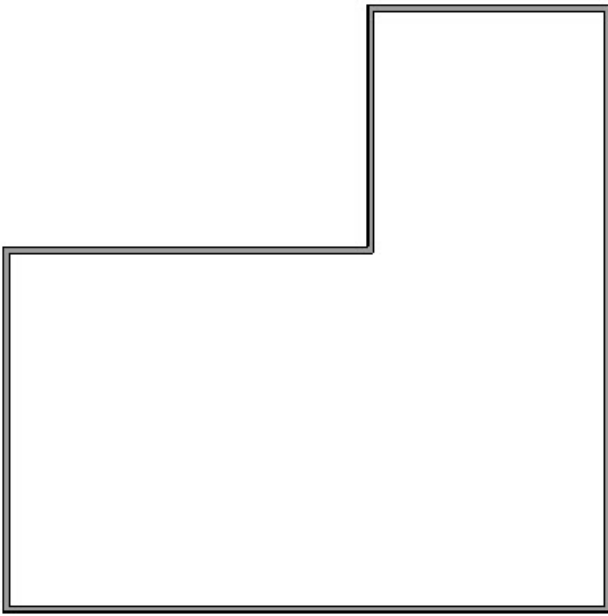
4. Select **Build> Wall> Break Wall**  from the menu. Click to place a break in the wall where the wall extension meets the gable.




5. Once the break has been placed, use the **Select Objects**  tool to select one of the walls indicated below in red.

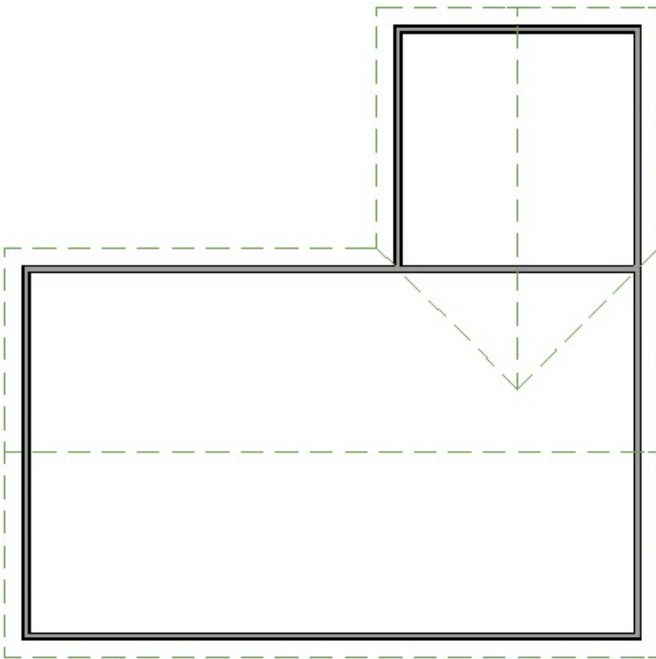


6. Once selected, click on the **Open Object**  edit tool to display the **Wall Specification** dialog.
7. On the **Roof** panel, click and select **Full Gable Wall**, then click **OK**.
8. Repeat this process for each wall indicated in red in the image above.
9. Pull the wall's end back to its original location.





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

11. Set your roof's Pitch and click **OK** to build the Roof.



In Home Designer Pro, you need to check the **Build Roof Planes** checkbox before clicking OK to generate the roof planes.

12. Select **3D> Create Camera View> Perspective Full Overview**  from the menu to see the results. In Home Designer Pro, select **3D> Create Perspective View> Perspective Full Overview** .



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