Building an 'L' Shaped Structure with Full Gable Ends

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

4. Flag each of the gable end walls (hatched in the image below) as **Full Gable Wall**.
Select the wall, then click the Open Object edit button that displays at left. On the ROOF panel select Full Gable Wall and click OK.

5. Pull the baseline wall's end back to its original location.

6. Select Build> Roof> Build Roof from the menu to open the Build Roof dialog.

   Alternatively, you can double-click either the Roof Tools parent tool or the Roof Plane child tool to open this dialog.
7. Click in the **Build Roof Planes** check box and click **OK** to build the roof.

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