Adjusting Roofs Over Alcoves

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The information in this article applies to:

**QUESTION**

I have an alcove (a depression into an otherwise straight exterior wall) in the plan, and I want the roof to extend across it as if there was a wall there, but it is jogging in the roof line. How can I make the roof extend over this area?

**ANSWER**

Alcove allowances can be set in the Build Roof dialog.

*To create a basic plan*

1. In a new plan, select **Build> Wall> Straight Exterior Wall** then click and drag out a basic structure, as shown in the image below.
For the purposes of this example, two alcoves are used, one which is 3' and one which is 2' 11".

To set the Minimum Alcove value

1. Select **Build > Roof > Build Roof**.

2. On the **ROOF** panel, note the **Minimum Alcove Size**, and click **OK**.

Any alcove less than the specified width is treated as though the exterior wall
continues straight across. Alcoves that measure wider than this value are not roofed over; they cause a change in roof planes.

3. An example showing this difference:

If Min Alcove is 36", a 36" wide alcove requires a change in the roof line. Each wall of the alcove has an eave. On the right, the alcove is less than the 36" minimum, so the roof passes right over it.

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