Chief Architect®

Architectural Home Design Software

Raising or Lowering a Roof Plane

Reference Number: **KB-00634**

Last Modified: **February 7, 2019**

The information in this article applies to:

QUESTION

I would like to change the height of one of the roof planes in my model. How do I accomplish this?
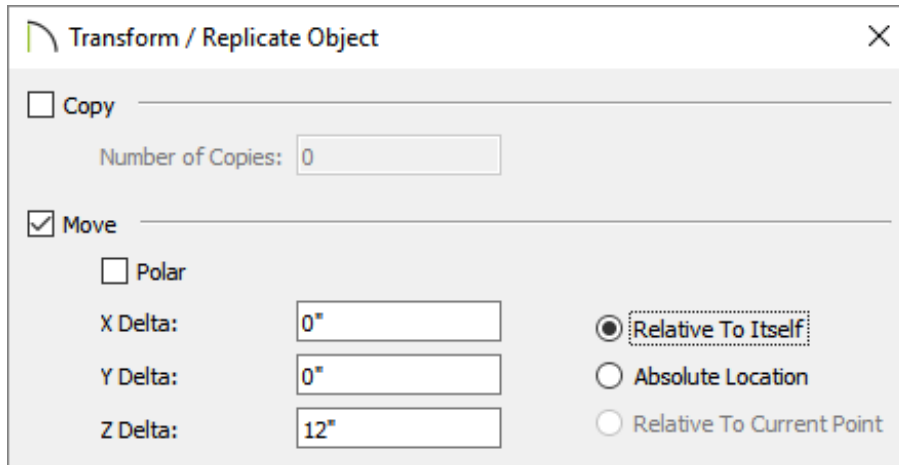
ANSWER

Roof planes generate on the wall top plates, which are governed by the ceiling height specified in a given room or floor. There are several ways to change the height of a roof plane. You can, for example, specify a new baseline height in the roof plane's specification dialog or select and move the baseline in a 3D view. However, the easiest way to change a roof plane's height, while easily maintaining its pitch, is by raising or lowering it a specific amount using the **Transform/Replicate Object** ⬚→⬚ edit tool.

To raise or lower a roof plane

1. Click the **Select Objects** ⬚ tool, then click once on a roof plane near one of its edges to select it.

2. Click the **Transform/Replicate Object** ⟦→⟧ edit button.

3. In the **Transform/Replicate Object** dialog:

Transform / Replicate Object	✕

    ☐ Copy

    Number of Copies: 0

    ☑ Move

    ☐ Polar

    X Delta: 0"   ⦿ Relative To Itself

    Y Delta: 0"   ○ Absolute Location

    Z Delta: 12"   ○ Relative To Current Point

    - Check the box beside **Move**, which will enable the selections directly beneath it.

    - To the right, select the **Relative To Itself** radio button so that the roof plane moves relative to its current location.

    - Specify how high you want to raise the roof plane, or how low you want to lower it, in inches or millimeters.To move the roof plane up, enter a positive number in the **Z Delta** field. To move the roof plane down, enter a negative number in the **Z Delta** field.

      In this example, we are raising the roof plane by 12".

4. Click the **OK** button to close the dialog and confirm the changes.

5. Create a **Camera** 📷 view to confirm that the roof plane is in the desired location.

Related Articles

📄 Creating Hip and Gable Roofs Manually (/support/article/KB-00441/creating-hip-and-gable-roofs-manually.html)

208-292-3400 (tel:+1-208-292-3400)   © 2000–2019 Chief Architect, Inc.   Terms of Use (/company/terms.html)

Privacy Policy (/company/privacy.html)