Chief Architect®

Architectural Home Design
Software

Creating Shaped Windows

Reference Number: **KB-00036**

Last Modified: **February 21, 2025**

The information in this article applies to:

PREMIER   INTERIORS

QUESTION

I have looked in the library browser and cannot find a window that is the shape I need for my plan. How can I create a window that is not square or rectangular-shaped?
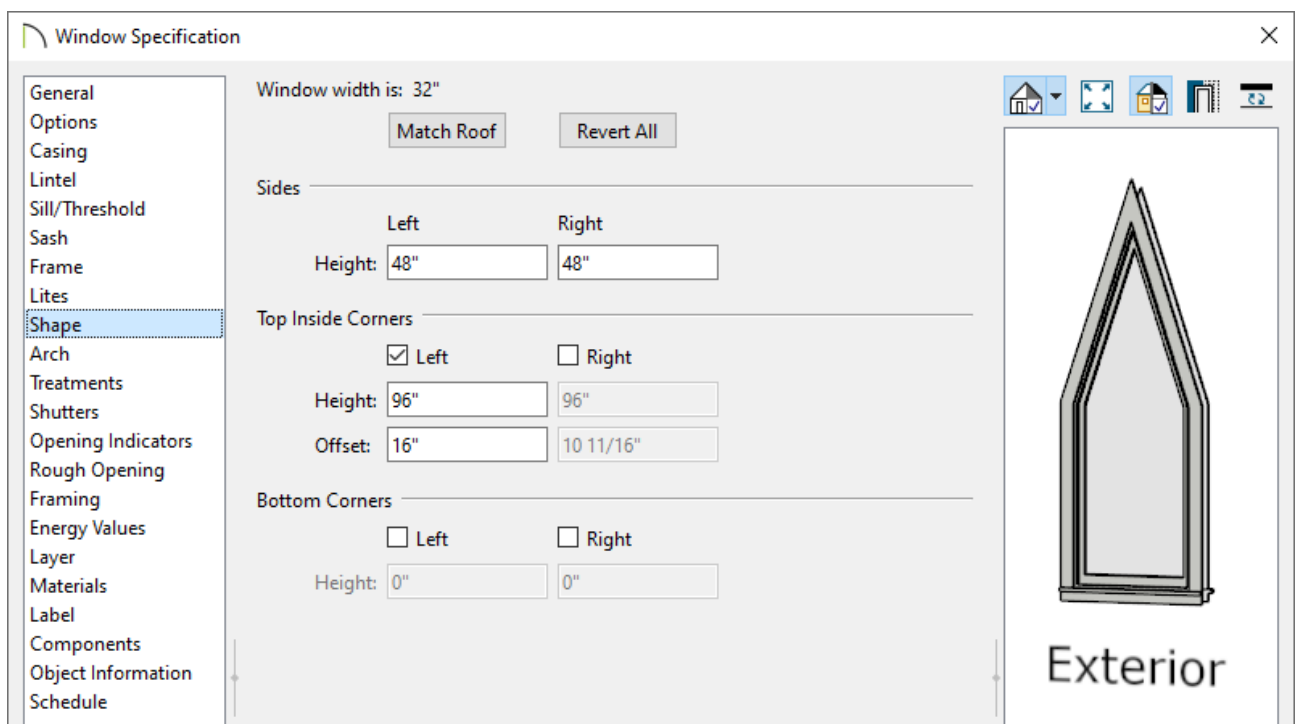
ANSWER

In Chief Architect, different shaped windows are not found in the library; instead, they can be created by modifying a square or rectangular window. In this article, we will discuss:

- Creating a pentagon-shaped window
- Creating a trapezoid-shaped window
- Creating a diamond-shaped window
- Creating a round or circular window

To create a pentagon-shaped window

1. Select **Build> Window> Window** and click at the location that you wish to create the custom window.

2. Using the **Select Objects** tool, click on the window to select it, then click on the **Open Object** edit button.

3. On the SHAPE panel of the **Window Specification** dialog that opens:

- Specify the desired height of the left side using **Left Height** field.

- Specify the desired height of the right side using the **Right Height** field, though you may want to have this match the Left Height.

- Under the Top Inside Corners section, check either the **Left** or **Right** box.

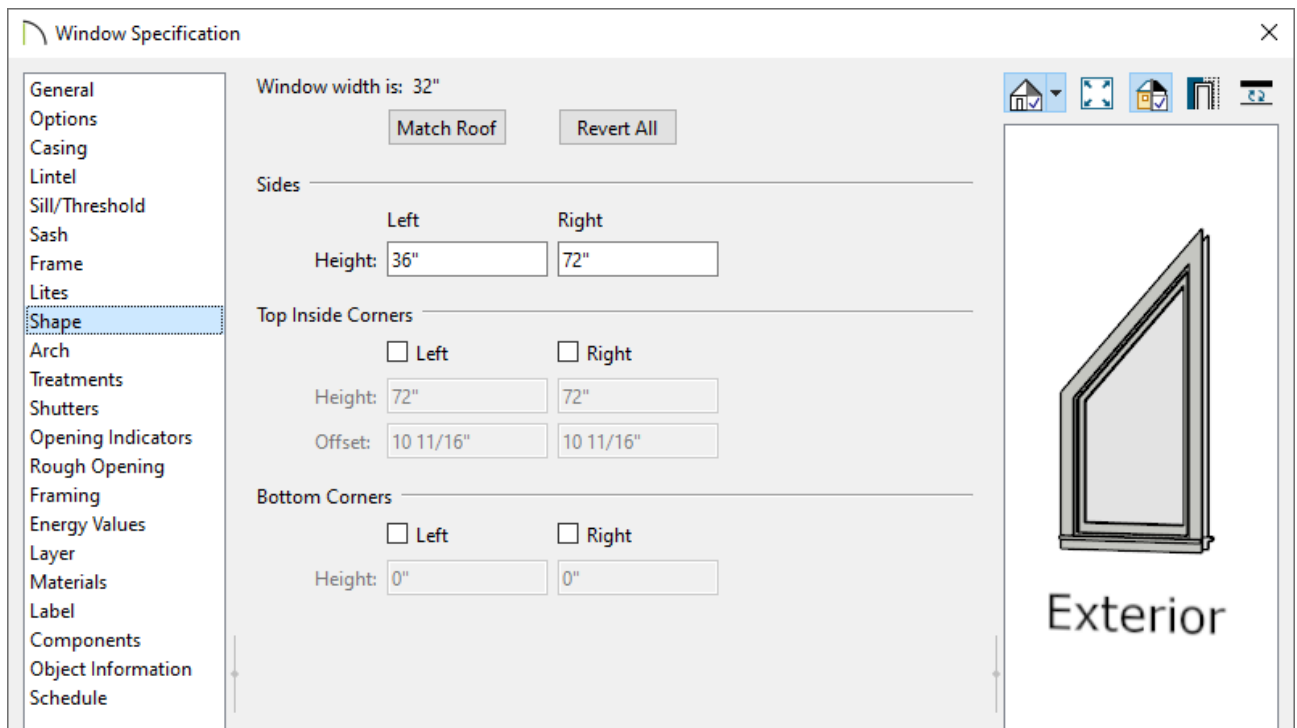- Specify the **Height** and the **Offset** for the Left/Right inside corner.

  In this example, the Height is set to 96" and the Offset is set to 16". This tells the program that that an additional corner will be added at a height of 96" (measured from the bottom of the window), and it will be centered as the window is 32" wide.

- Press **Tab** on your keyboard to update the dialog without closing it, and notice the preview of the window on the right side of the dialog.

4. Click **OK** to close the dialog and apply your changes.

To create a trapezoid-shaped window

1. Select **Build> Window> Window** and click at the location that you wish to create the custom window.

2. Using the **Select Objects** tool, click on the window to select it, then click on the **Open Object** edit button.

3. On the Sнᴀᴘᴇ panel of the **Window Specification** dialog that opens:

- o Specify the desired height of the left side using the **Left Height** field.

- o Specify the desired height of the right side using the **Right Height** field.

- o If desired, the corners can be adjusted further by checking the **Left/Right** boxes under the Top Inside Corners and Bottom Corners sections, opening up additional fields that can be adjusted.

- o Press **Tab** on your keyboard to update the dialog without closing it, and notice the preview of the window on the right side of the dialog.

> To align the top edge of the window with the pitch of the roof above, click the Match Roof button.
>
> If you have any questions about the other options in this dialog, select the Help button at the bottom to open your program's documentation.
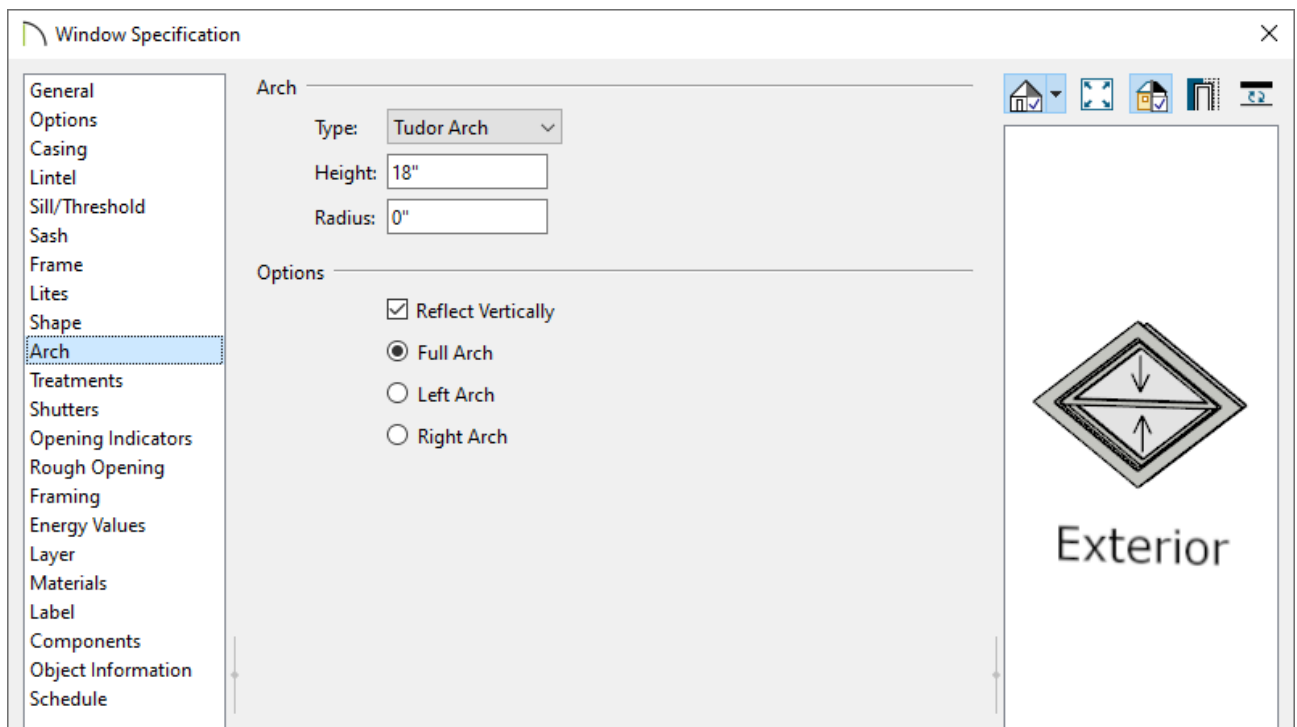
4. Click **OK** to close the dialog and apply your changes.

To create a diamond-shaped window

1. Select **Build> Window> Window** ▭ and click at the location that you wish to create the custom window.

2. Using the **Select Objects** ▷ tool, click on the window to select it, then click on the **Open Object** ▯ edit button.

3. On the GENERAL panel of the **Window Specification** dialog that opens, set the **Width** and **Height** values.

   In this example, the Width is set to 48" and the Height is set to 36".

4. On the SILL/THRESHOLD panel, uncheck **Use Interior Sill** and **Use Exterior Sill**.

5. On the ARCH panel:

   ○ Specify the **Arch Type** as **Tudor Arch**.

   ○ Check the **Reflect Vertically** box.

> Reflect Vertically will not be available if a lintel or sill is specified for the selected window.

- Set the **Radius** to **0"**.

- Specify the **Height**.

  In this example, the Height is set to 18", which is half the height of the window itself.

- Press **Tab** on your keyboard to update the dialog without closing it, and notice the preview of the window on the right side of the dialog.

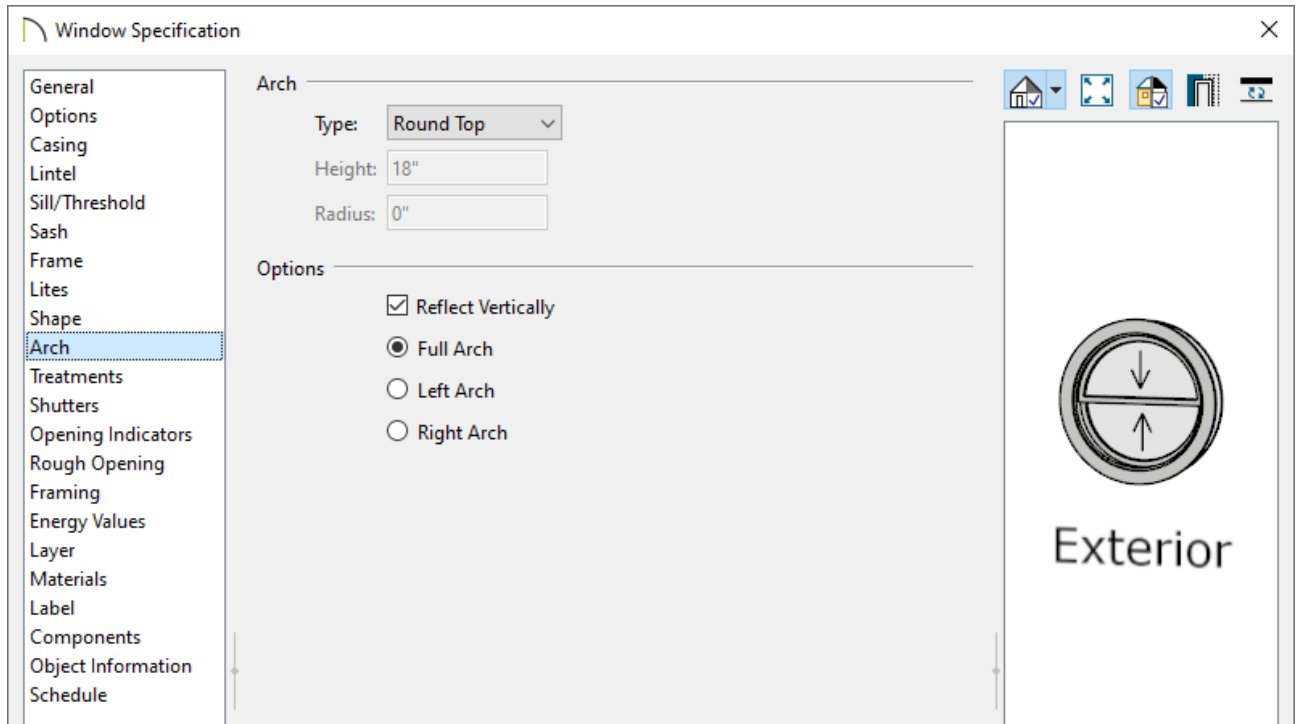6. Click **OK** to close the dialog and apply your changes.

To create a round or circular window

1. Select **Build> Window> Window** and click at the location that you wish to create the custom window.

2. Using the **Select Objects** tool, click on the window to select it, then click on the **Open Object** edit button.

3. On the GENERAL panel of the **Window Specification** dialog that opens, set the **Width** and **Height** values.

   In this example, the Width and Height are both set to 36".

4. On the SILL panel, uncheck **Use Interior Sill** and **Use Exterior Sill**.

5. On the ARCH panel:

o   Set the **Arch Type** as **Round Top**.

o   Check the **Reflect Vertically** box.

6. Click **OK** to close the dialog and apply your changes.

Return To Top

Related Articles

Adding a Bay, Bow, or Box Window(/support/article/KB-00508/adding-a-bay-bow-or-box-window.html)
Creating Corner Windows (/support/article/KB-00673/creating-corner-windows.html)
Creating Custom Muntins (/support/article/KB-00930/creating-custom-muntins.html)

CA (/blog/)

f

(https://www.facebook.com/ChiefArchitect)

▶

(https://www.youtube.com/user/ChiefArchitectInc)

◉

(https://www.instagram.com/chiefarchitect/)

h

(https://www.houzz.com/pro/chiefarchitect/)

P

(https://www.pinterest.com/chiefarchitect/)