

Creating a Room with a Short Ceiling or Plant Shelf Closet Effect

Reference Number: **KB-00878**

Last Modified: **July 23, 2021**

This article also applies to the following legacy products:
Pro | Architectural | Suite

QUESTION

I want to have a 9 foot closet in my 12 foot entry, but I'd like to have a shorter, flat ceiling over the closet. Is this possible?

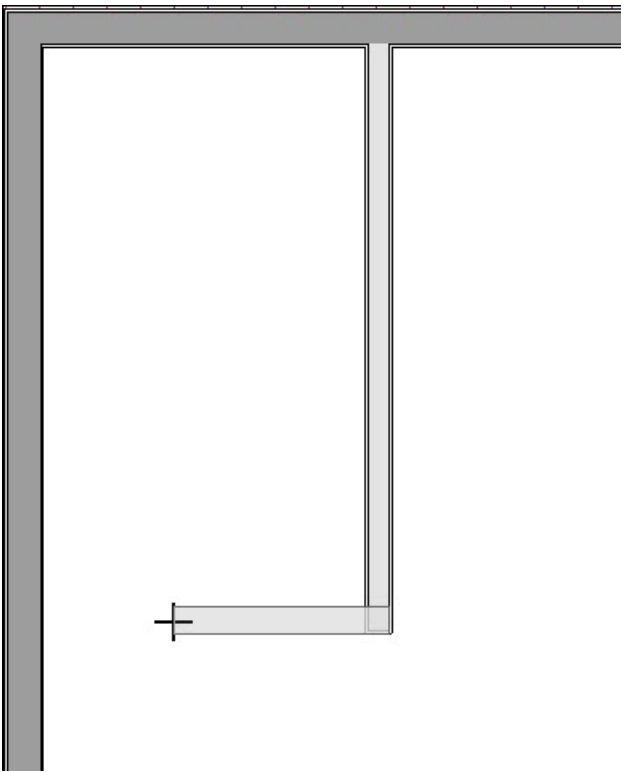




ANSWER

Creating a room which is not full height in a larger room with a cathedral or vaulted ceiling can be accomplished using the Shelf Ceiling setting located in the Room's Specification dialog.


To create a plant shelf closet

1. Select **Build> Wall> Straight Interior Wall**  and click and drag to place walls for the closet.



2. Once drawn, use the **Select Objects**  tool to select the newly created closet, then click the **Open Object**  edit button.
3. On the **STRUCTURE** panel of the **Room Specification** dialog that displays, check the **Shelf Ceiling** box under the Ceiling category, and set the **Finished Ceiling** under the Relative Heights category to be a lower value than the larger room it's contained in.

In this example, a value of 96" is used.

 Room Specification

General


Structure


Moldings


Fill Style


Materials

Absolute Elevations


Floor Above: 103" 


Ceiling: 97 1/2" 


Floor: 0" 


Floor Below: -46 1/8" 


Relative Heights

Rough Ceiling: 97 1/2" 

Finished Ceiling: 96" 

SWT To Ceiling: 97 1/2" 

Ceiling Below: 33 1/2" 

Stem Wall: 37 1/2" 

SWT = Stem Wall Top

Ceiling

☒ Roof Over This Room

☒ Flat Ceiling Over This Room

☒ Shelf Ceiling


☐ Use Soffit Surface for Ceiling

Ceiling Structure: 5 1/2"

Ceiling Finish: 5/8" ☒ Default

- Click **OK** to confirm the changes and close the dialog.

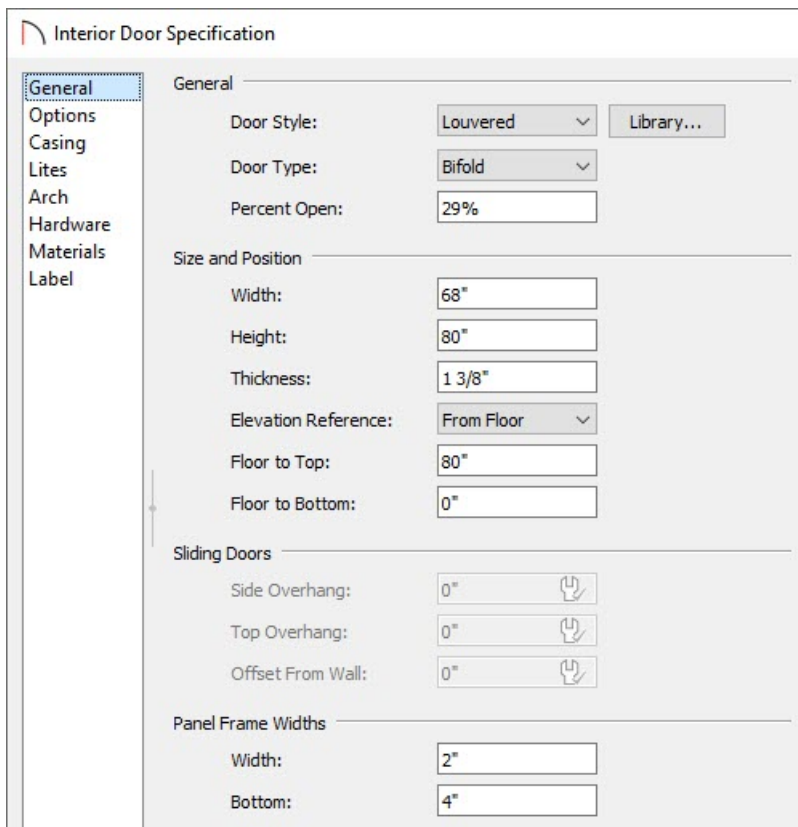
To place a door in the closet

- Navigate to **Build> Door** , choose your desired door tool, then click to place a door into the closet wall.

In this example, we placed a Bifold door.

- Select the door and click the **Open Object**  edit button.
- On the **GENERAL** panel of the **Door Specification** dialog that displays, select a **Door Style** and change any other properties to your liking.

In this example, a Louvered door style is used and the Width was changed to 68".



The screenshot shows the 'Interior Door Specification' dialog box with the 'General' panel selected. The 'General' section includes 'Door Style' (Louvered), 'Door Type' (Bifold), and 'Percent Open' (29%). The 'Size and Position' section includes 'Width' (68"), 'Height' (80"), 'Thickness' (1 3/8"), 'Elevation Reference' (From Floor), 'Floor to Top' (80"), and 'Floor to Bottom' (0"). The 'Sliding Doors' section includes 'Side Overhang' (0"), 'Top Overhang' (0"), and 'Offset From Wall' (0"). The 'Panel Frame Widths' section includes 'Width' (2") and 'Bottom' (4").

General	
Door Style:	Louvered
Door Type:	Bifold
Percent Open:	29%

Size and Position	
Width:	68"
Height:	80"
Thickness:	1 3/8"
Elevation Reference:	From Floor
Floor to Top:	80"
Floor to Bottom:	0"

Sliding Doors	
Side Overhang:	0"
Top Overhang:	0"
Offset From Wall:	0"

Panel Frame Widths	
Width:	2"
Bottom:	4"

- Select the **HARDWARE** panel to specify a door handle or knob if desired, then click **OK**.

Interior Door Specification

General

Options

Casing

Lites

Arch

Hardware

Materials

Label

Handles

Interior Handle:

Knob

Exterior Handle:

Knob

In from Door Edge:

3"

Up from Bottom:

36"

Locks

Interior Lock:

Use Default

Exterior Lock:

Use Default

Up from Bottom:

42"

Hinges

Hinges:

Use Default

In from Top/Bottom:

7"

Number of Hinges:

2

Sliding Tracks

Sliding Track:

Use Default

Height Above Door:

0"

Hangers:

Use Default

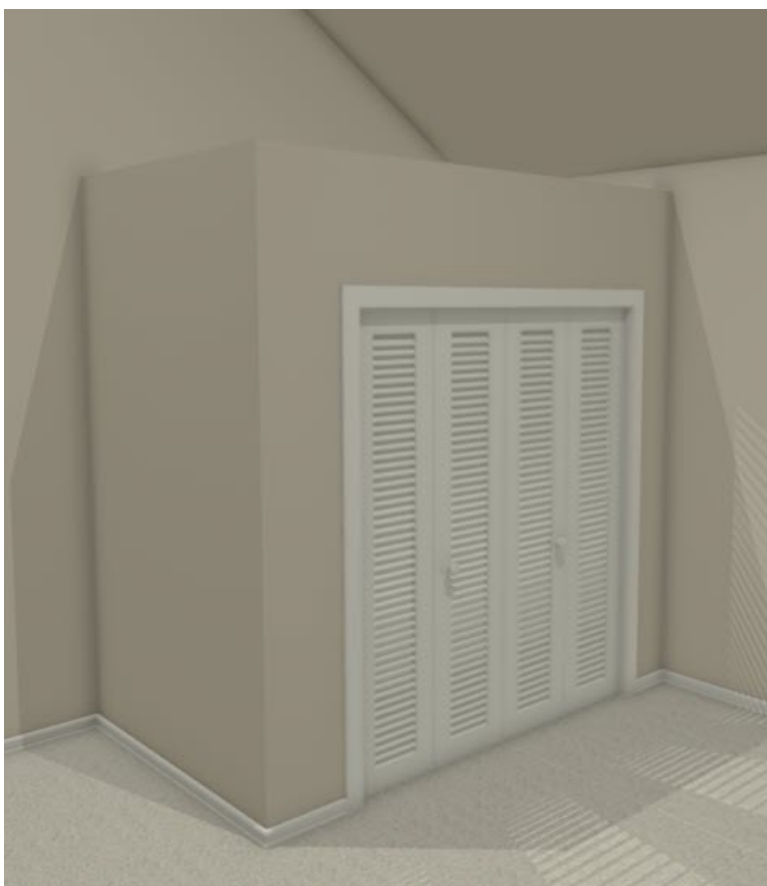
In from Sides:

3"

Number of Hangers:

0

5. Take a **Camera**  view to see the results.



Related Articles

 [Changing Wall Heights \(/support/article/KB-02969/changing-wall-heights.html\)](/support/article/KB-02969/changing-wall-heights.html)

- 📄 [Controlling Floor and Ceiling Heights \(/support/article/KB-00140/controlling-floor-and-ceiling-heights.html\)](/support/article/KB-00140/controlling-floor-and-ceiling-heights.html)
- 📄 [Creating a Half Height Wall \(/support/article/KB-00317/creating-a-half-height-wall.html\)](/support/article/KB-00317/creating-a-half-height-wall.html)