

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

Reference Number: **KB-03057**

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QUESTION




How do I create a room with a flat ceiling that is contained within a larger room that has a cathedral or vaulted ceiling?

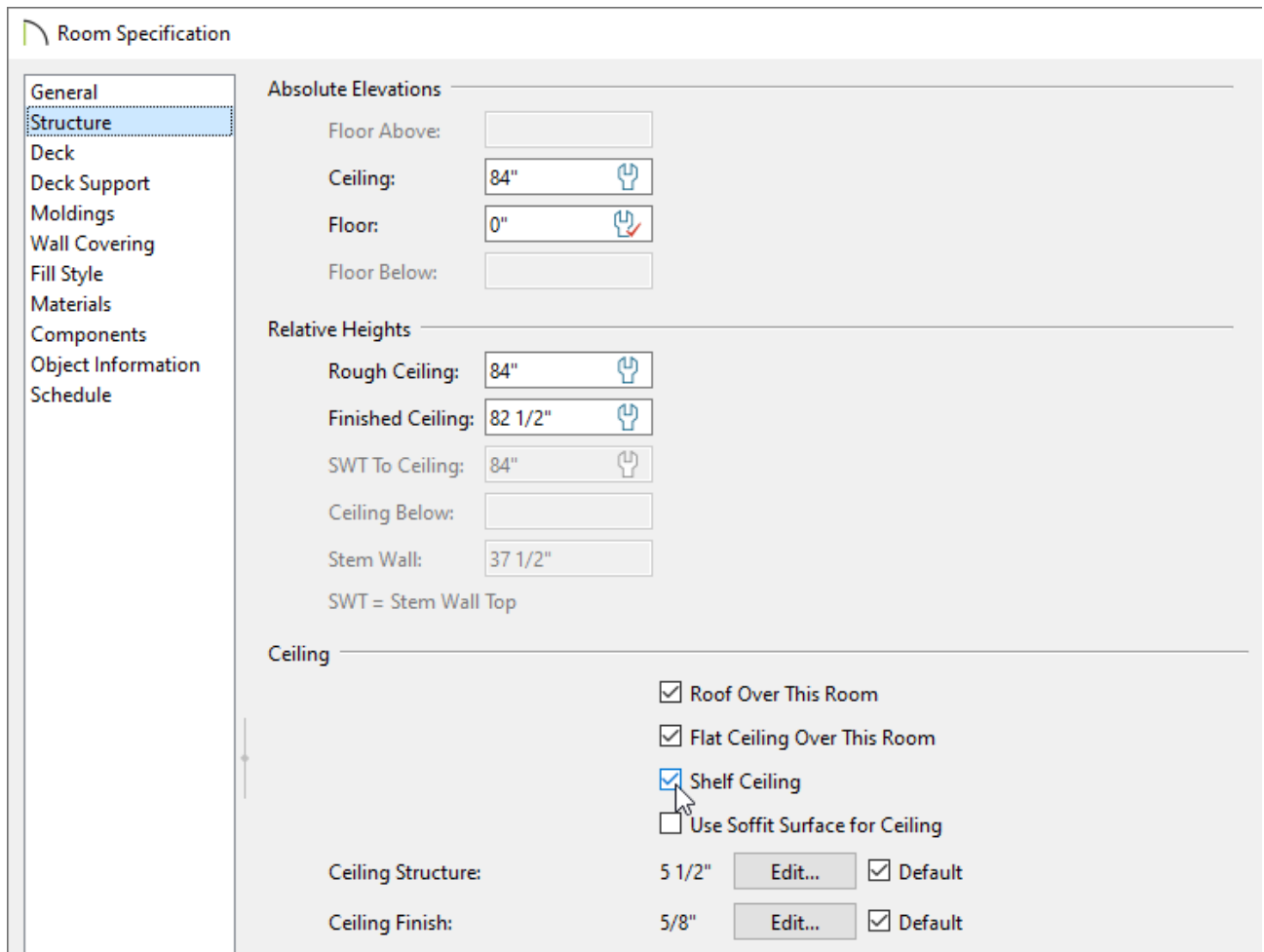


ANSWER

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 within a room's Specification dialog.

To create a room with a short ceiling

1. Select **Build> Wall> Straight Interior Wall**  and click and drag to create walls for an interior room.
2. Once drawn, use the **Select Objects**  tool to select the room, then click the **Open Object**  edit button.
3. On the **STRUCTURE** panel of the **Room Specification** dialog that displays, check the **Shelf Ceiling** box located under the Ceiling category, then set the **Finished Ceiling** to your preferred value, if desired.




The image shows the 'Room Specification' dialog box with the 'Structure' panel selected. The 'Absolute Elevations' section includes fields for 'Floor Above', 'Ceiling' (set to 84"), 'Floor' (set to 0"), and 'Floor Below'. The 'Relative Heights' section includes fields for 'Rough Ceiling' (84"), 'Finished Ceiling' (82 1/2"), 'SWT To Ceiling' (84"), 'Ceiling Below', and 'Stem Wall' (37 1/2"). The 'Ceiling' section has four checkboxes: 'Roof Over This Room', 'Flat Ceiling Over This Room', 'Shelf Ceiling' (checked), and 'Use Soffit Surface for Ceiling'. Below these are 'Ceiling Structure' (5 1/2") and 'Ceiling Finish' (5/8"), each with an 'Edit...' button and a 'Default' checkbox.


Room Specification

General
Structure
Deck
Deck Support
Moldings
Wall Covering
Fill Style
Materials
Components
Object Information
Schedule

Absolute Elevations


Floor Above:


Ceiling: 


Floor: 

Floor Below:

Relative Heights

Rough Ceiling: 

Finished Ceiling: 

SWT To Ceiling: 

Ceiling Below:

Stem Wall:

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" ☒ Default

Ceiling Finish: 5/8" ☒ Default

4. Click **OK** to close the dialog, then create a **Camera**  view to see the results.


 [Creating a Cathedral Ceiling \(/support/article/KB-00471/creating-a-cathedral-ceiling.html\)](/support/article/KB-00471/creating-a-cathedral-ceiling.html)

 [Creating a Storage Loft in a Larger Room \(/support/article/KB-03012/creating-a-storage-loft-in-a-larger-room.html\)](/support/article/KB-03012/creating-a-storage-loft-in-a-larger-room.html)

 [Creating a Vaulted Ceiling and Scissor Trusses \(/support/article/KB-00068/creating-a-vaulted-ceiling-and-scissor-trusses.html\)](/support/article/KB-00068/creating-a-vaulted-ceiling-and-scissor-trusses.html)



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