Displaying Detached Buildings at Different Elevations

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The information in this article appliesto:



QUESTION

I have two separate buildings on my lot which are at different elevations, however, when I create them and take a camera view, one of my buildings appears to be floating in the air, or sunk into the ground.

How can I do this correctly in my plan so that both buildings display accurately?



ANSWER

Adjusting your Floor and Ceiling Height values in the structure that is displaying incorrectly will easily allow you to have both structures display correctly.

1. Select **3D> Create Camera View> Full Overview** to create an overview of the plan where the two structures are not displayed correctly.



- 2. Select **Window> Tile Vertically** to display both views in a vertical orientation, so that as you make changes in your 2D floor plan view, you can see how they change the display in a 3D camera view.
- 3. In your 2D floor plan view, use the **Select Objects** \searrow tool to select a room in the structure that is displayed incorrectly.

For the purposes of our example, this is the detached garage, which is only a single room.

- 4. Click on the **Open Object** edit button to display the **Room Specification** dialog.
- 5. On the STRUCTURE panel, adjust the Floor (C) and Finished Ceiling Height (F) values to accurately lower the height of the building.

	Room Spe	cification
Absolute Elevations		
Floor Above (A):	114 5/8"	✓ Default
Ceiling (B):	109 1/8"	✓ Default
Floor (C):	-136"	Default
Floor Below (D):	-46 1/803	✓ Default
Relative Heights	74	
Rough Ceiling (E):	245 1/8"	Default
Finished Ceiling (F):	243 5/8"	Default
SWT To Ceiling (G):	245 1/8"	📃 Default
Ceiling Below (H):	-102 1/2"	✓ Default
Stem Wall (I):	37 1/2"	✓ Default
	Absolute Elevations Floor Above (A): Ceiling (B): Floor (C): Floor Below (D): Relative Heights Rough Ceiling (E): Finished Ceiling (F): SWT To Ceiling (G): Ceiling Below (H): Stem Wall (I):	Absolute Elevations Floor Above (A): 114 5/8" Ceiling (B): 109 1/8" Floor (C): -136" Floor Below (D): -46 1/4xs Relative Heights

For the purposes of our example, there is a terrain elevation difference of approximately 10'.

6. Click **OK** once you have applied the changes and see the 3D camera view update.

7. If your structure has multiple rooms, repeat this process for the remaining rooms.

Note: If Auto Rebuild Roofs is unchecked in in the Build Roof dialog, you will need to rebuild the roof to have it display at the correct height for any rooms that have been modified.

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