

# Building a Multi-Level Deck

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The information in this article applies to:



## QUESTION

I would like to build a deck with multiple levels. How do I do this?



## BEFORE YOU BEGIN

Building a multiple level deck is an easy process in the Home Designer programs.

In order to make this design successfully, you may want to learn about creating a sloped landscape for your terrain (not available in Home Designer Essentials or Home Designer Interiors). For more information on that process, please see the Article [Modeling a Sloping Terrain for a Walk-out Basement](#) as referenced at the bottom

of this article.

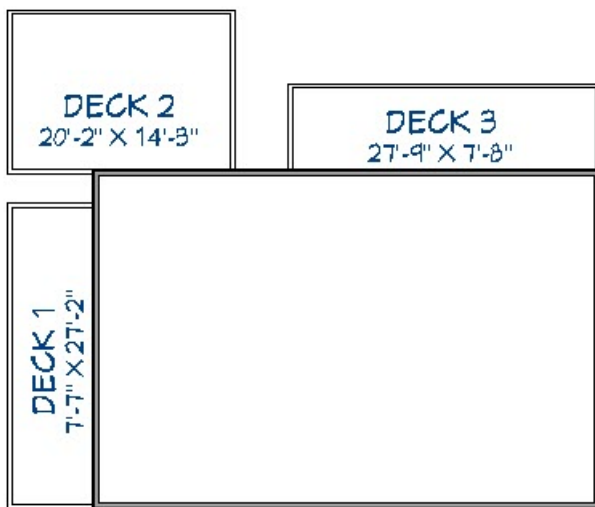
## ANSWER

In this example you will begin by creating a building that is 45' x 30'



Once you've got your structure built on the sloping terrain, it is time to add the decks to your plan.

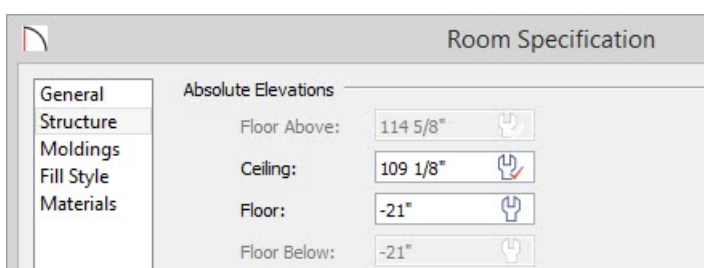
To build the multi-level decks


1. Use the **Build> Railing and Deck> Straight Deck Railing**  tool and click to drag out a deck railing, creating several decks as shown in the image below.

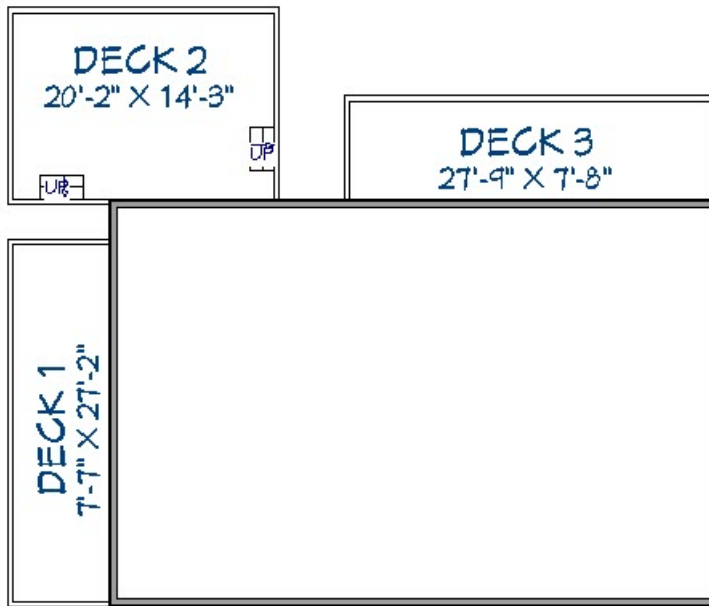



**Note:** Be sure to keep all three decks separate.

2. Once your decks have been placed, use the **Select Objects**  tool to click inside of the room that makes up Deck 2.
3. Use the **Open Object**  edit button to display the Deck's **Room Specification** dialog.
4. On the **STRUCTURE** panel, set the **Floor** height to -21" and click **OK** to save the change.

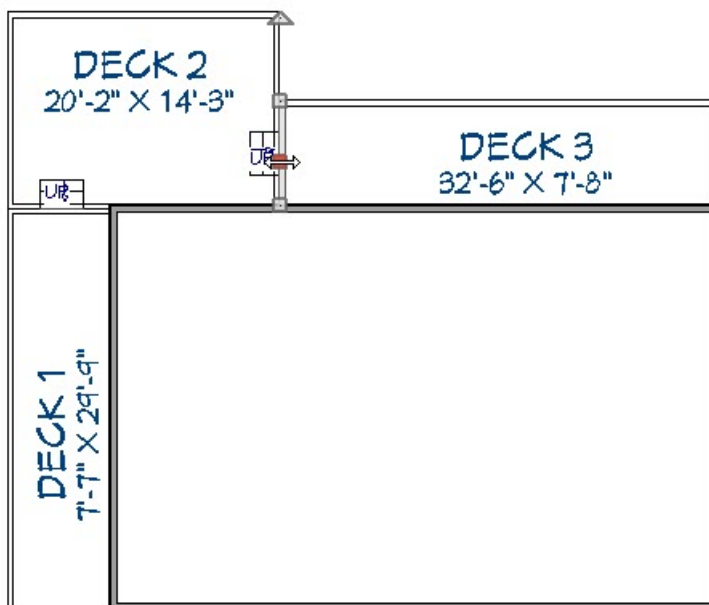



5. Next, select **Build> Stairs> Straight Stairs**  and click where the two decks meet to have Home Designer draw a small set of stairs going up from the lower deck to the upper deck.



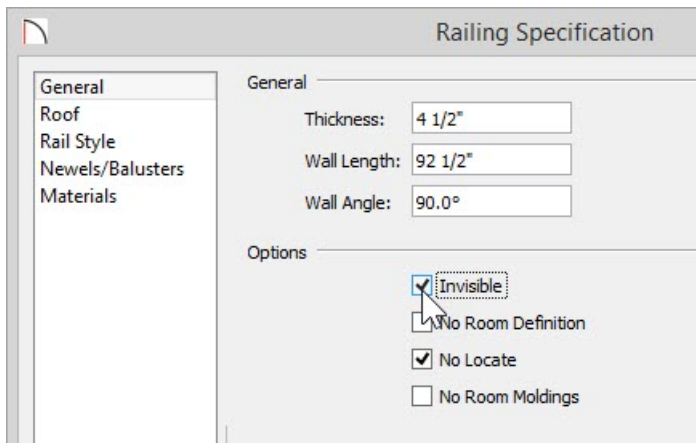
6. Now, use the **Select Objects**  tool to select the top Deck Railing on Deck 1, then, using its Move edit handle, click and drag it until it bumps against the bottom railing of Deck 2.

7. Follow this same procedure for the space between Decks 2 and 3, so that your plan should look similar to the image below.




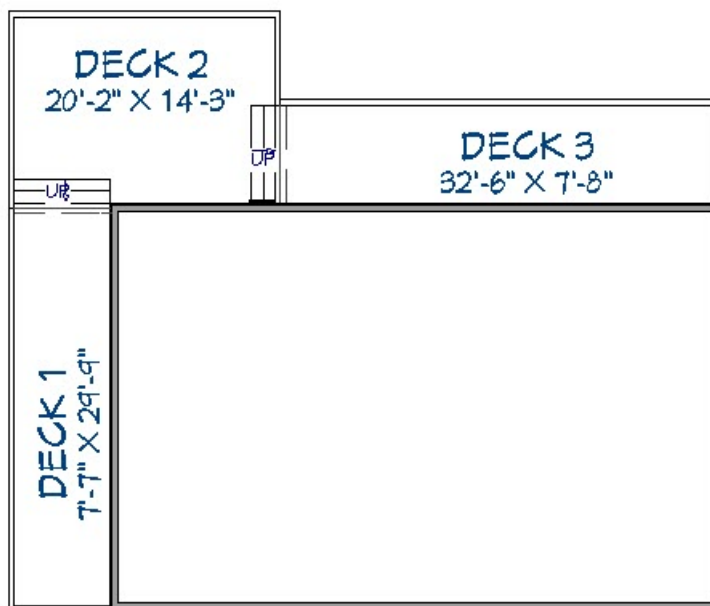
8. With the left deck railing of Deck 3 still selected, click on the **Open Object**  button to open the **Railing Specification** dialog.

9. On the **GENERAL** panel, check the box next to **Invisible**. then click **OK** to apply the change.



10. Repeat this process for the upper deck railing for Deck 1 that you moved to bump in to Deck 2, so that both railings are set to **Invisible**.

11. Next, use the **Select Objects**  tool to select a stair section, then click to drag it the length of the deck, as shown in the image below.



You are now ready to continue customizing the design, or take the information that you have learned in this article and apply it to your own plan. As you can see, creating multi-level decks is an easy process that can create some great looking homes!

#### Related Articles

 [Editing the Height of a Deck \(/support/article/KB-00145/editing-the-height-of-a-deck.html\)](/support/article/KB-00145/editing-the-height-of-a-deck.html)

🏠 [Modeling a Sloping Terrain for a Walk-out Basement \(/support/article/KB-00718/modeling-a-sloping-terrain-for-a-walk-out-basement.html\)](/support/article/KB-00718/modeling-a-sloping-terrain-for-a-walk-out-basement.html)

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