Creating Deck Post Footings

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The information in this article applies to:

PRO

QUESTION

How do I generate deck post footings in my design?

ANSWER

Prior to creating a deck, it's recommended that a terrain perimeter is created. Once a terrain perimeter has been created, the first floor footprint and deck can be drawn, a foundation floor level can be added, and deck framing and post footings can be generated.

To create the terrain, first floor, and deck

1. Starting with a **New Plan**, select **Terrain> Create Terrain Perimeter**.

> **Note:** If the option for Create Terrain Perimeter is grayed out, then you already have a terrain perimeter in the drawing. If this is the case, you can skip this step.

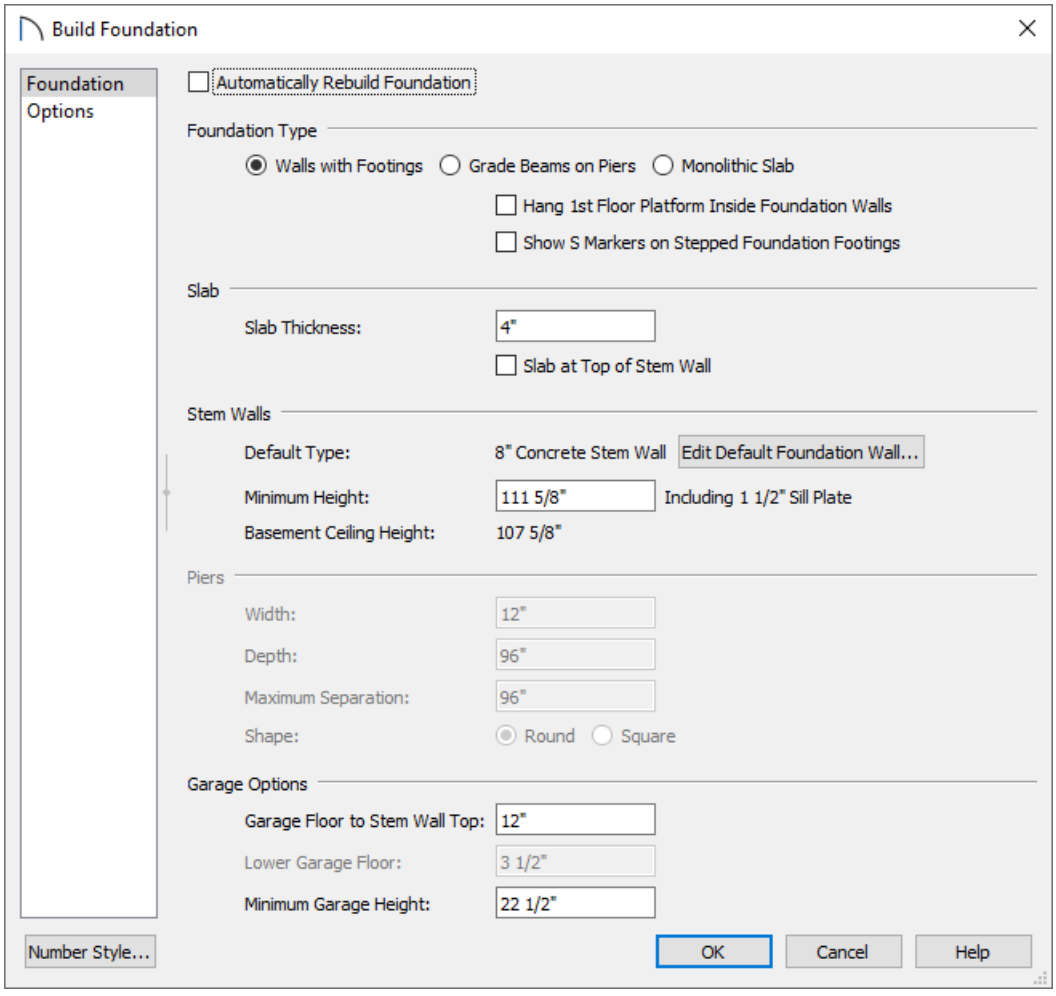
2. Once the terrain perimeter has been created, you can draw a first floor, then draw a deck.

   For the purposes of this tutorial, we will navigate to **Build> Wall> Exterior Wall**, then draw four walls in a clockwise fashion to make a completely enclosed room.

3. Once an enclosed square room is created, select **Build> Railing and Deck> Straight Deck Railing**, then draw a completely enclosed deck off of the square room.

To create the foundation

1. Select **Build> Floor> Build Foundation** to open the **Build Foundation** dialog.



2. Click the **OK** button to accept the foundation defaults.

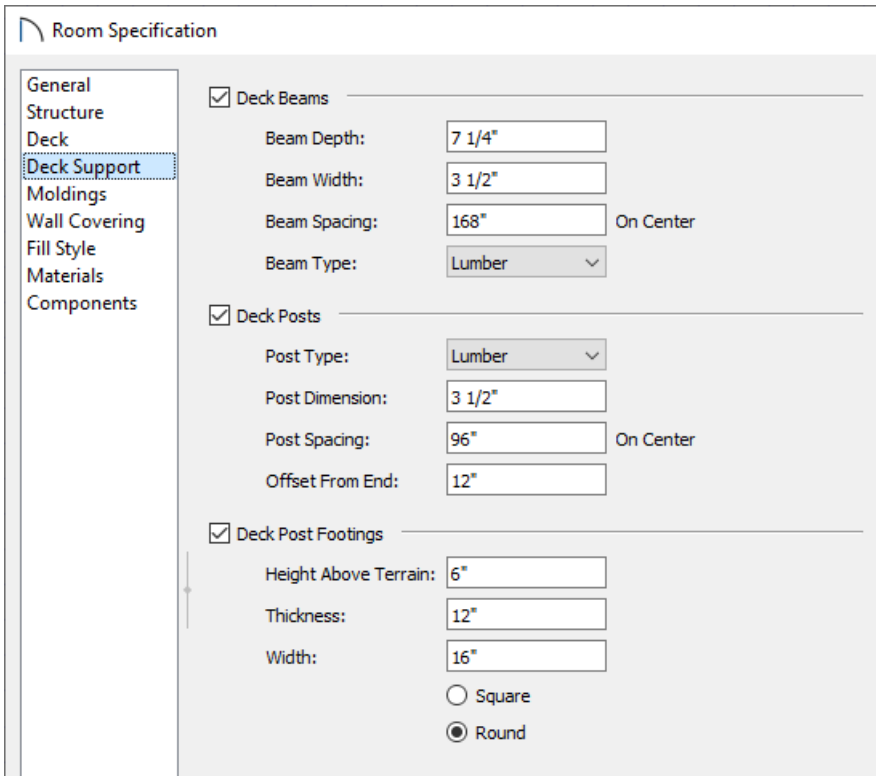
To build deck framing and post footings

1. Return to the first floor by clicking **Up One Floor**, then click on the **Select Objects** tool.

2. Click one time in the middle of the deck room to select it, then click the **Open Object** edit tool.

3. On the DECK panel of the **Room Specification** dialog that displays, ensure that the **Automatically regenerate deck framing box** is checked.

4. On the DECK SUPPORT panel:



   - For post footings to be created, deck posts have to be created. Ensure that the **Deck Posts** box is checked and your desired settings are specified.

   - Check the **Deck Post Footings** box if it's not checked.

   - Specify the **Height Above Terrain**, **Thickness**, **Width**, and shape of the footings.

5. Once all desired changes have been made, click **OK**.

6. Finally, **3D> Create Perspective View> Perspective Full Overview** to create an overview of your entire structure.

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