

Placing a Gate in a Terrain Wall

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The information in this article applies to:



QUESTION


I want to design a stone perimeter wall that follows the uneven terrain in my plan, and then place a wrought iron gate in it. How do I create this in Home Designer?





ANSWER

Creating a stone wall that follows your terrain is easy using the [Terrain Wall](#) tools.

To place a Terrain Wall

1. Select **Terrain> Terrain Wall and Curb> Straight Terrain Wall**  then click and drag in your plan to create your straight wall.

Note: If you do not have a terrain perimeter in your plan already, the Terrain Wall tool will be grayed out. Go to floor 1 and select **Terrain> Create Terrain Perimeter** from the menu to add a terrain perimeter to work with.

2. Use the **Select Objects**  tool to select the terrain wall, then click on the **Open Object**  edit tool to display the **Terrain Path Specification** dialog.
3. In the **Terrain Path Specification** dialog:
 - On the **GENERAL** panel, set the thickness by changing the **Width** the thickness you need.
 - Set the **Height** to your desired height.
 - Select the **MATERIALS** panel and click the **Select Material...** button to display the **Select Material** dialog.

In our example we used the Cambria stone material located in the [Eldorado Stone \(http://3dlibrary.chiefarchitect.com/index.php?r=site/detail/725\)](http://3dlibrary.chiefarchitect.com/index.php?r=site/detail/725) manufacturer catalog.

4. Click **OK** again to apply the material and close the **Terrain Path Specification** dialog.

While in many ways a Terrain Wall acts like a fence and follows the contours of the terrain features, regions, and elevation lines that you have placed, it does not act like a fence in that you cannot place a gate directly into the terrain wall.







In this section of the tutorial, we will add a section of fencing between two sections of terrain wall and then place a gate in the fencing.

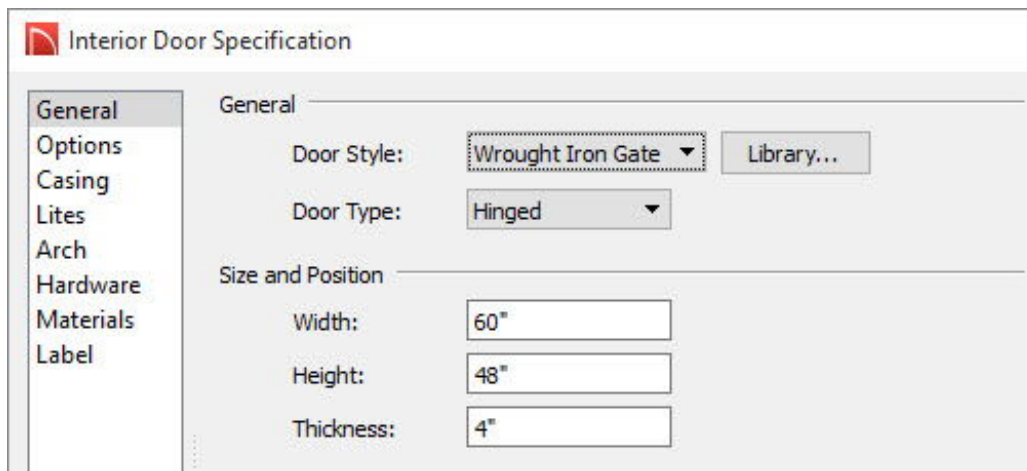
To place a gate in a Terrain Wall



1. First, create two sections of Terrain Wall and with a blank area, or space, between them to accommodate the fencing and gate.

In this example, a gap of 9ft.(108in.) is used.

2. Select **Build> Fencing> Straight Fencing**  and draw a short fence segment in between the two terrain walls.
3. Select **View> Library Browser**  and navigate to an appropriate gate to place in the fence segment.
4. Using the **Select Objects**  tool, select the gate and click on the **Open Object**  edit tool to display the **Interior Door Specification** dialog.

5. On the **GENERAL** panel, set the **Width**, **Height**, and **Thickness** to your desired dimensions and click **OK** to accept the changes.

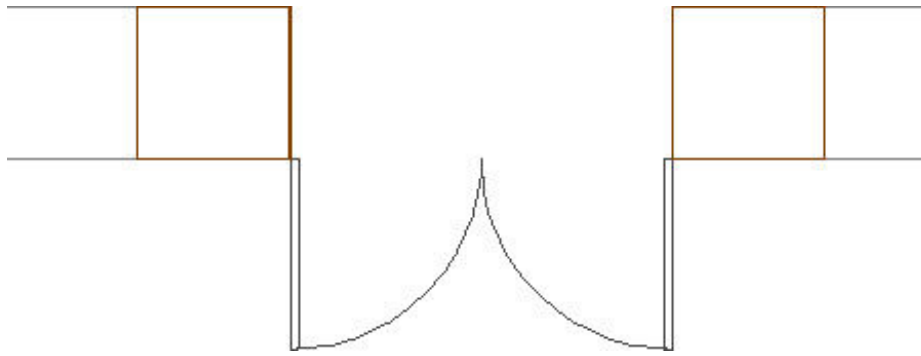


6. Using the **Select Objects**  tool, click the fence segment and click on the **Open Object**  edit tool to display the **Fencing Specification** dialog.

7. On the **GENERAL** panel, change the **Thickness** of the fence.

We want the thickness of the fencing to be greater than that of the terrain walls to create the appearance of larger square columns on either side of the gate.

8. On the **FENCE STYLE** panel, increase the **Post Height** to a height that suites your needs.
9. On the **MATERIALS** panel, set the fencing's materials to be the same materials used for the terrain walls.
10. Once you have completed these changes, click the **OK** button to apply them and close the **Fencing Specification** dialog.
The image below shows what the 2-Dimensional floor plan view of the terrain walls, fence, and gate should look like.



11. To place a top on the fencing columns, you can use the finials or caps found in the Library browser under **Home Designer Core Catalogs > Architectural > Millwork**.

Apply the a material, move, and resize them appropriately over the columns.

Related Articles

- [📄 Stepping Terrain for a Terraced Flower Bed \(/support/article/KB-00854/stepping-terrain-for-a-terraced-flower-bed.html\)](/support/article/KB-00854/stepping-terrain-for-a-terraced-flower-bed.html)
- [📄 Using Terrain Features and Regions \(/support/article/KB-00806/using-terrain-features-and-regions.html\)](/support/article/KB-00806/using-terrain-features-and-regions.html)

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