

Elise Moss


This is an excerpt from the Revit 7.0 Basics text, available from Schroff Development Corp.

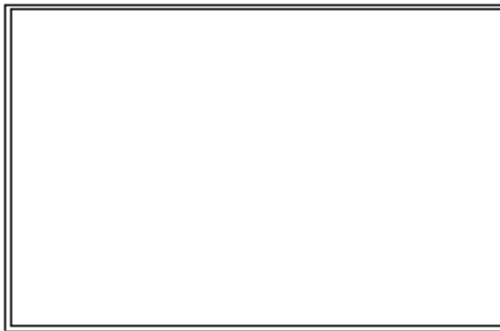
Using the Resize Tool in Revit

Drawing Name: new
Estimated Time: 15 minutes

This exercise reinforces the following skills:

- Wall
- Resize
- Graphical Resize
- Numerical Resize

1. Start a new drawing.
2. Use the wall tool to place a rectangle with four walls.
3. 



The horizontal walls are 80' in length.

The vertical walls are 52' in length.

We want to change the vertical walls so that they are 60' in length.

4. Hold down the Control key and select both **horizontal** (top and bottom side) walls so that they highlight in red.

NOTE: *We select the horizontal walls to change the vertical wall length and we select the vertical walls to change the horizontal wall length.*

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5.  Select the **Resize** tool.

6.  In the Options bar, you may select Graphical or Numerical methods for resizing the selected objects.

7. Enable **Graphical**.

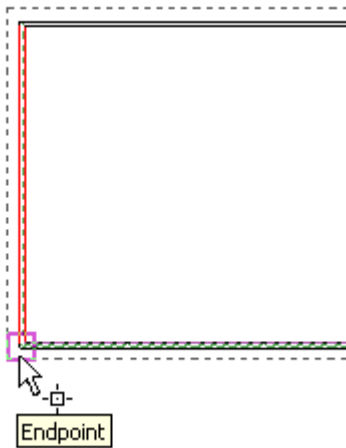
The Graphical option requires three inputs.

Input 1: Origin or Base Point

Input 2: Original or Reference Length

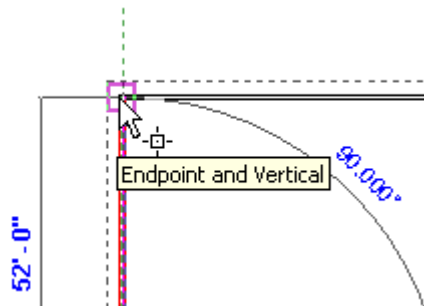
Input 3: Desired Length

- 8.



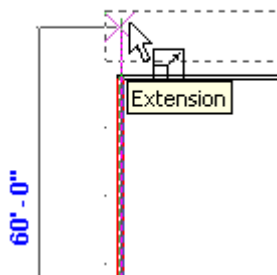
Select the left lower endpoint for the first input – the origin.

- 9.



Select the left upper endpoint for the second input – the reference length.

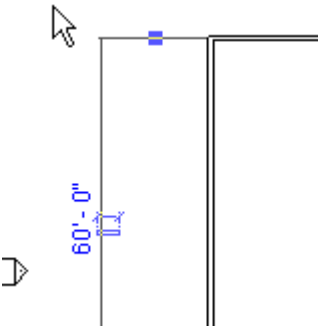
- 10.



Extend your cursor until you see a dimension of 60'. Then pick for the third input – the desired length.

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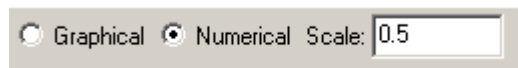
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11.  Select either the top or bottom horizontal walls to verify that the new length is indeed 60'.

Now, we will change the horizontal walls using the Numerical option of the Resize tool.

12. Hold down the Control key and select the left and right vertical walls.

13.  Select the **Resize** tool.

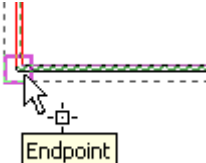


In the Options bar, you may select Graphical or Numerical methods for resizing the selected objects.

14. Enable **Numerical**.
Set the Scale to **0.5**.

This will change the wall length from **80'** to **40'**.

The Numerical option requires only one input for the Origin or Base Point.

15.  Select the left lower endpoint for the first input – the origin.

The walls immediately adjust.

16. Close without saving.