

# Exploding a Resized CAD Block

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The information in this article applies to:



## QUESTION

I'm not able to explode a CAD block. When I click the Explode CAD Block edit button, I receive the following error:



"Cannot explode block when x and y scaling are different."

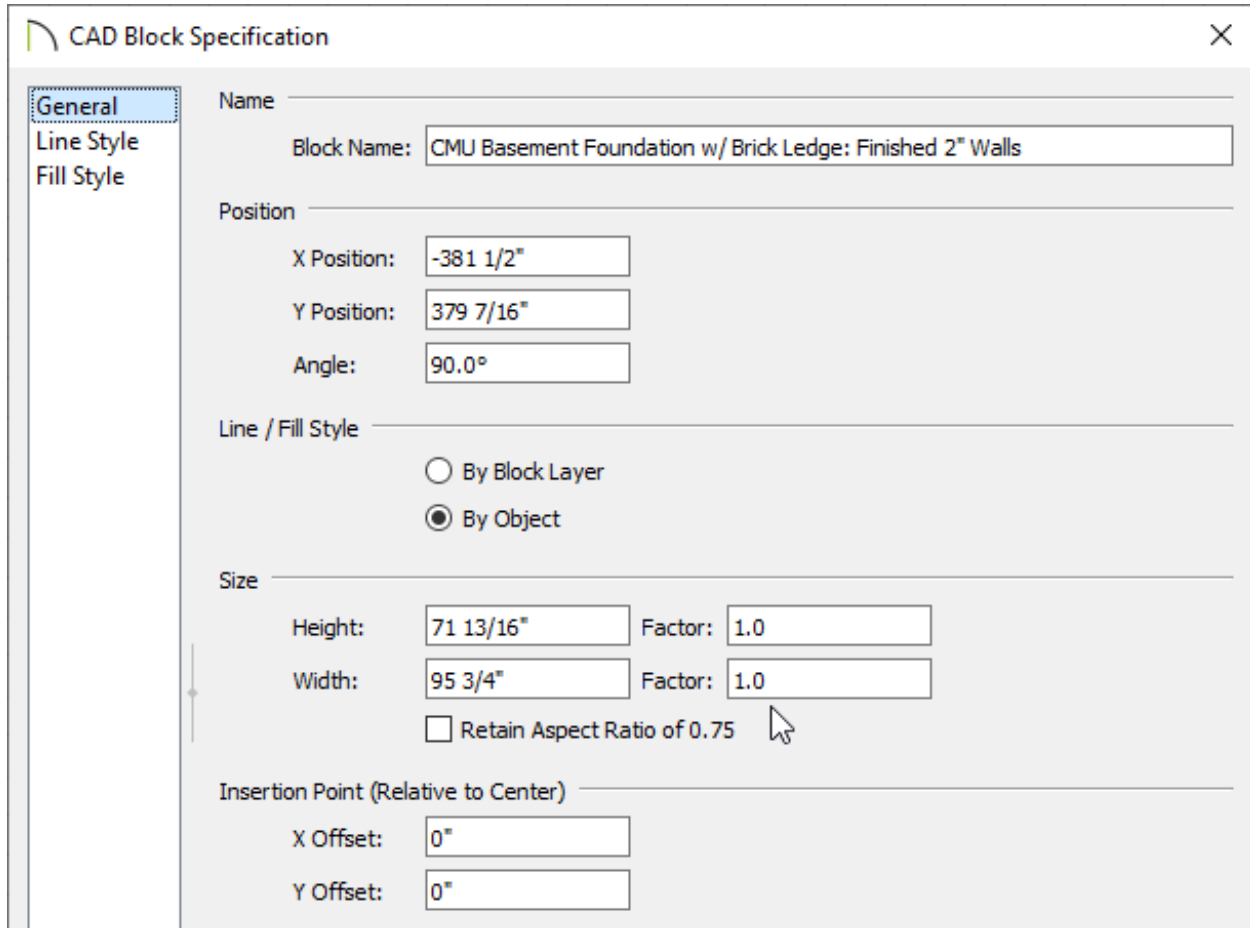
What does this mean?

## ANSWER


CAD blocks are a collection of lines, polylines and other CAD objects that have been grouped together to form a single object that can be easily placed, selected, and moved without affecting the appearance of the drawing. To edit the objects that make up a CAD block, it must first be unblocked, however, if the CAD block has been stretched so that it no longer has the same aspect ratio, it cannot be unblocked.


## To explode a resized CAD block

1. Using the **Select Objects**  tool click on the CAD block to select it, then click the **Open Object**  edit button.
2. On the **GENERAL** panel of the **CAD Block Specification** dialog:



The screenshot shows the 'CAD Block Specification' dialog box with the 'General' panel selected. The 'Block Name' is 'CMU Basement Foundation w/ Brick Ledge: Finished 2" Walls'. The 'Position' section shows 'X Position: -381 1/2"', 'Y Position: 379 7/16"', and 'Angle: 90.0°'. The 'Line / Fill Style' section has 'By Object' selected. The 'Size' section shows 'Height: 71 13/16"' and 'Width: 95 3/4"', both with 'Factor: 1.0'. The 'Retain Aspect Ratio of 0.75' checkbox is unchecked. The 'Insertion Point (Relative to Center)' section shows 'X Offset: 0"' and 'Y Offset: 0"'. A mouse cursor is pointing at the 'Retain Aspect Ratio of 0.75' checkbox.

- Specify both the **Height Factor** and **Width Factor** as **1.0** in the Size section.
  - Click **OK** to close the dialog and apply your change.
3. With the CAD block still selected, click the **Explode CAD Block**  edit button to break the CAD block into its individual components, which can then be edited.

In X13, the ability to edit a CAD block in its own window was introduced. To use this feature, select the **Edit CAD Block**  edit button instead.

- 📄 [Adding a CAD Object, CAD Detail, or Text to the Library \(/support/article/KB-00002/adding-a-cad-object-cad-detail-or-text-to-the-library.html\)](/support/article/KB-00002/adding-a-cad-object-cad-detail-or-text-to-the-library.html)
- 📄 [Creating CAD Details \(/support/article/KB-00766/creating-cad-details.html\)](/support/article/KB-00766/creating-cad-details.html)
- 📄 [Customizing a CAD Block or Detail \(/support/article/KB-00500/customizing-a-cad-block-or-detail.html\)](/support/article/KB-00500/customizing-a-cad-block-or-detail.html)
- 📄 [Editing 2D CAD Blocks Assigned to 3D Symbols \(/support/article/KB-00805/editing-2d-cad-blocks-assigned-to-3d-symbols.html\)](/support/article/KB-00805/editing-2d-cad-blocks-assigned-to-3d-symbols.html)
- 📄 [Using an Insertion Point to Accurately Position a CAD Block \(/support/article/KB-01032/using-an-insertion-point-to-accurately-position-a-cad-block.html\)](/support/article/KB-01032/using-an-insertion-point-to-accurately-position-a-cad-block.html)



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