

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 message:



- "#272011622 - Cannot explode block when x and y scaling are different."

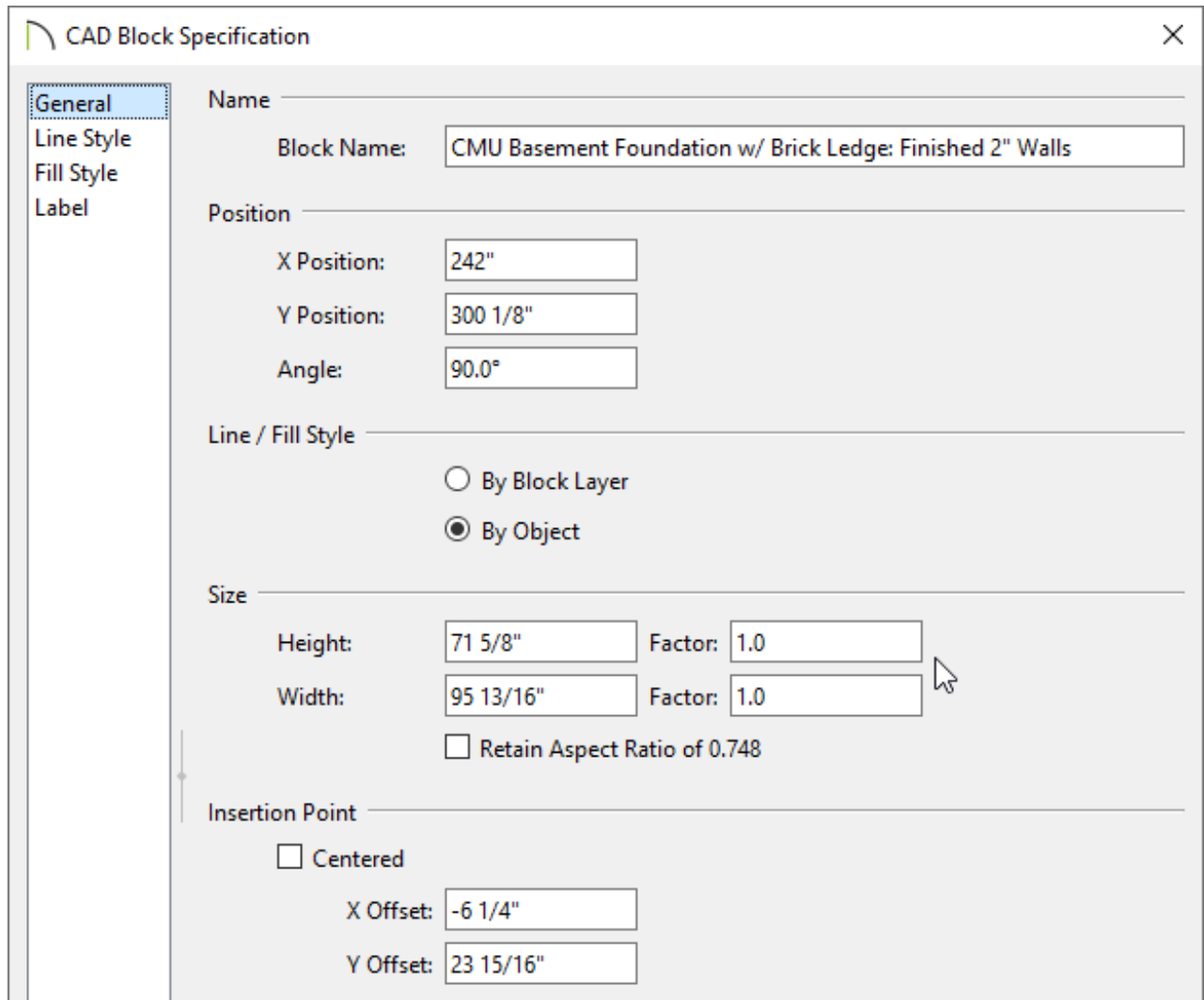
What does this mean?

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 and adjusted so that the Height and Width Factors are no longer the same, 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, specify a value of **1.0** for both the **Height Factor** and **Width Factor**, then click **OK**.



The screenshot shows the 'CAD Block Specification' dialog box with the 'General' tab selected. The 'Block Name' is 'CMU Basement Foundation w/ Brick Ledge: Finished 2" Walls'. The 'Position' section shows 'X Position: 242"', 'Y Position: 300 1/8"', and 'Angle: 90.0°'. The 'Line / Fill Style' section has 'By Object' selected. The 'Size' section shows 'Height: 71 5/8"' and 'Width: 95 13/16"', both with 'Factor: 1.0'. The 'Retain Aspect Ratio of 0.748' checkbox is unchecked. The 'Insertion Point' section has 'Centered' unchecked, 'X Offset: -6 1/4"', and 'Y Offset: 23 15/16"'. A mouse cursor is pointing at the 'Width Factor' input field.



Name	
Block Name:	CMU Basement Foundation w/ Brick Ledge: Finished 2" Walls

Position	
X Position:	242"
Y Position:	300 1/8"
Angle:	90.0°

Line / Fill Style	
<input type="radio"/> By Block Layer	
<input checked="" type="radio"/> By Object	

Size			
Height:	71 5/8"	Factor:	1.0
Width:	95 13/16"	Factor:	1.0
<input type="checkbox"/> Retain Aspect Ratio of 0.748			

Insertion Point	
<input type="checkbox"/> Centered	
X Offset:	-6 1/4"
Y Offset:	23 15/16"

3. With the CAD block still selected, click the **Explode CAD Block**  edit button to break the CAD block into its individual components for editing, or click on the **Edit CAD Block**  edit button instead to open a separate window where you can edit the individual components.

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[00002/adding-a-cad-object-cad-detail-or-text-to-the-library.html](#))

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📄 [Using an Insertion Point to Accurately Position a CAD Block \(/support/article/KB-01032/using-an-insertion-point-to-accurately-position-a-cad-block.html\)](#)



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