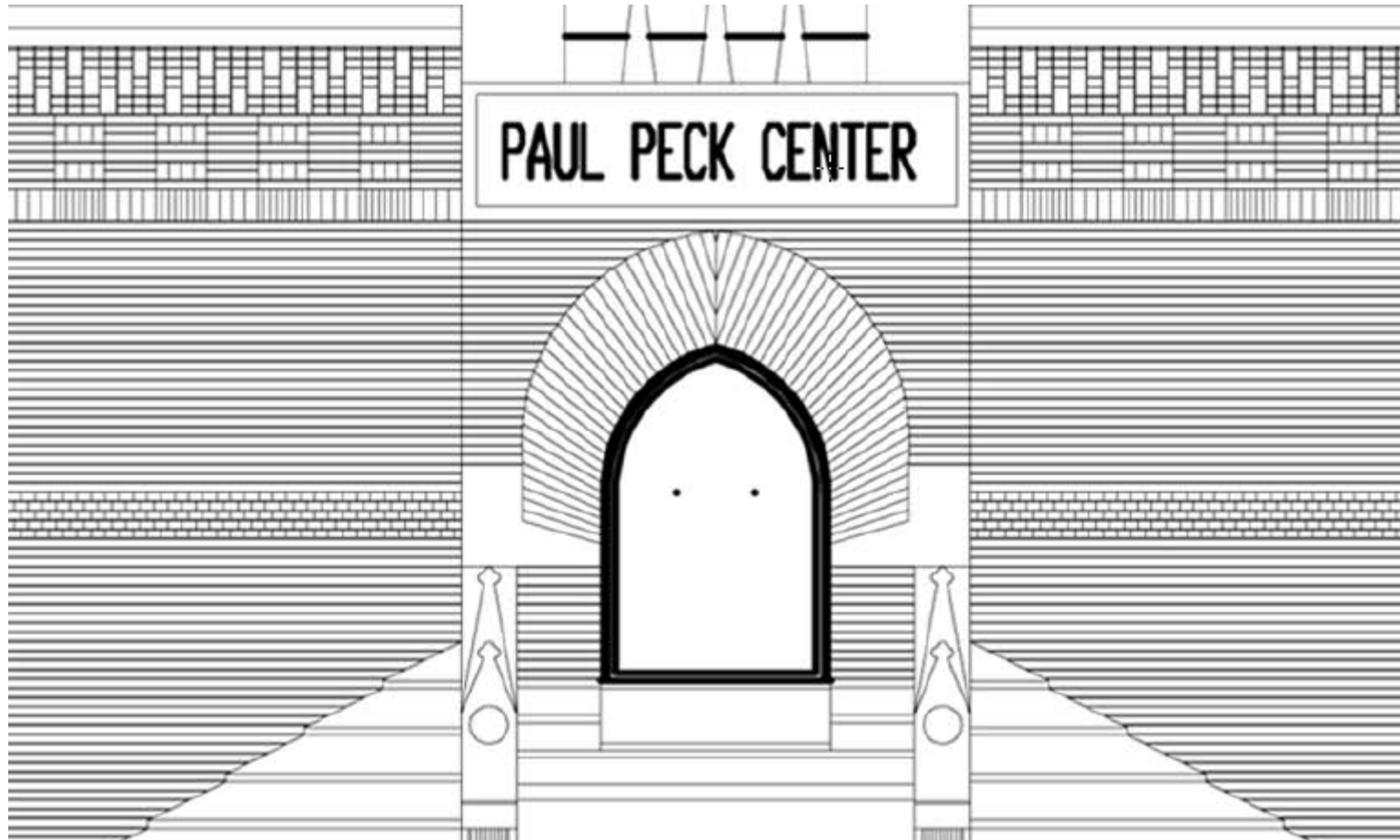
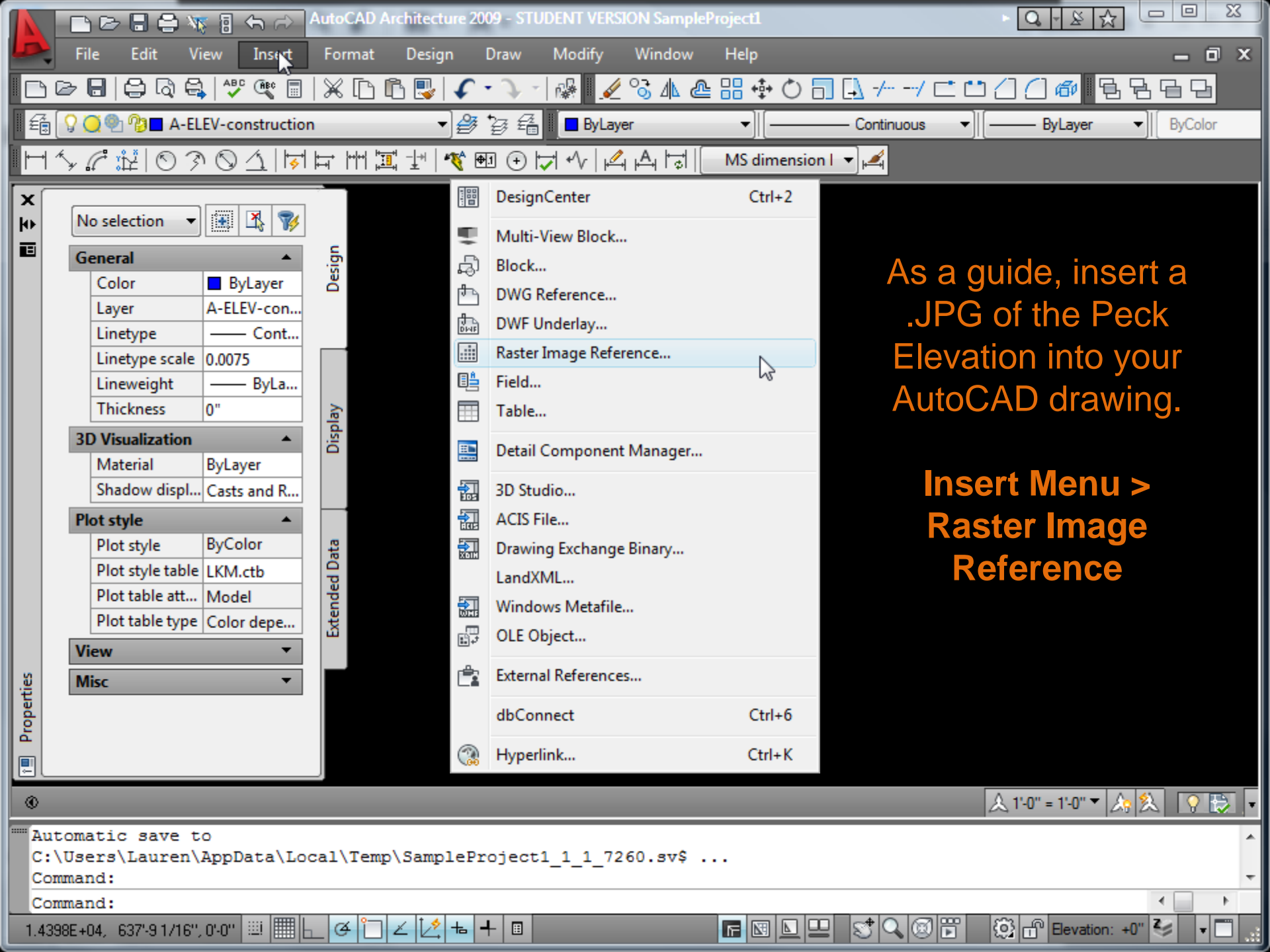


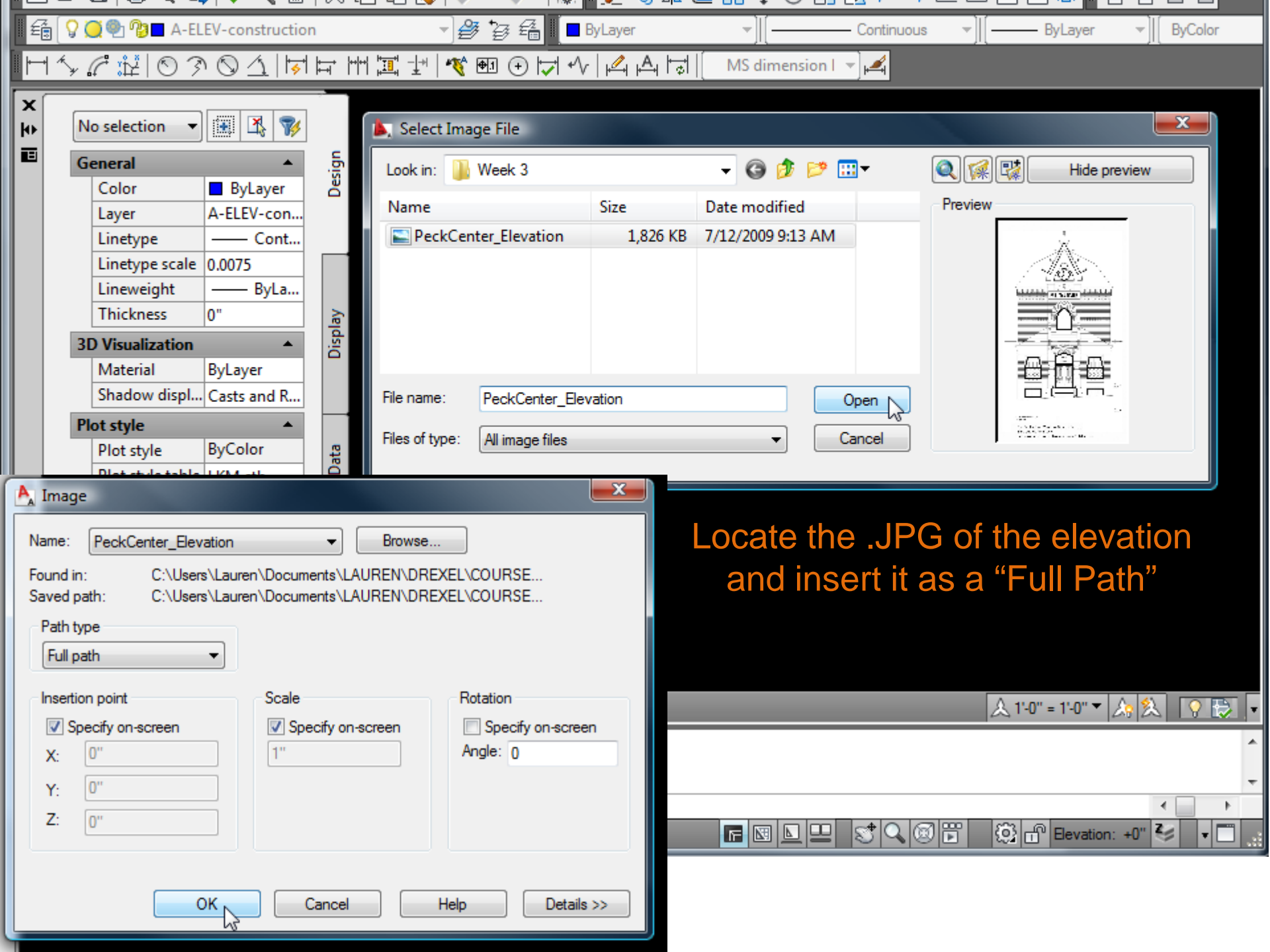
To create a repetitive form that originates from a shared point or object, use the **array** command.





As a guide, insert a .JPG of the Peck Elevation into your AutoCAD drawing.

**Insert Menu >
Raster Image
Reference**



Select Image File

Look in: Week 3

Name	Size	Date modified
PeckCenter_Elevation	1,826 KB	7/12/2009 9:13 AM

File name: PeckCenter_Elevation

Files of type: All image files

Open Cancel

Hide preview

Preview

Locate the .JPG of the elevation and insert it as a "Full Path"

Image

Name: PeckCenter_Elevation

Found in: C:\Users\Lauren\Documents\LAUREN\DREXEL\COURSE...

Saved path: C:\Users\Lauren\Documents\LAUREN\DREXEL\COURSE...

Path type: Full path

Insertion point

Specify on-screen

X: 0" Y: 0" Z: 0"

Scale

Specify on-screen

1"

Rotation

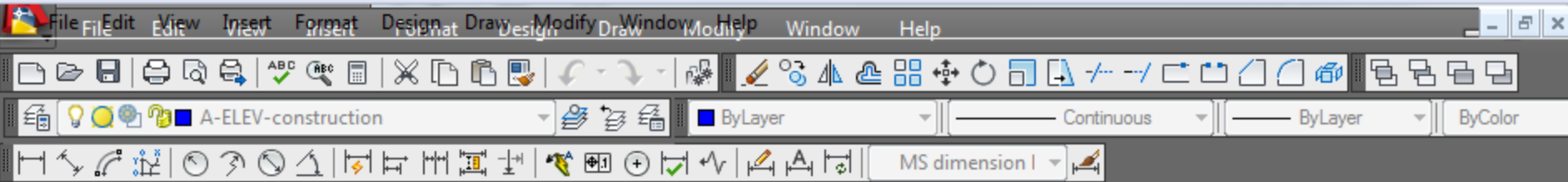
Specify on-screen

Angle: 0

OK Cancel Help Details >>

1'-0" = 1'-0"

Elevation: +0"



Properties

No selection

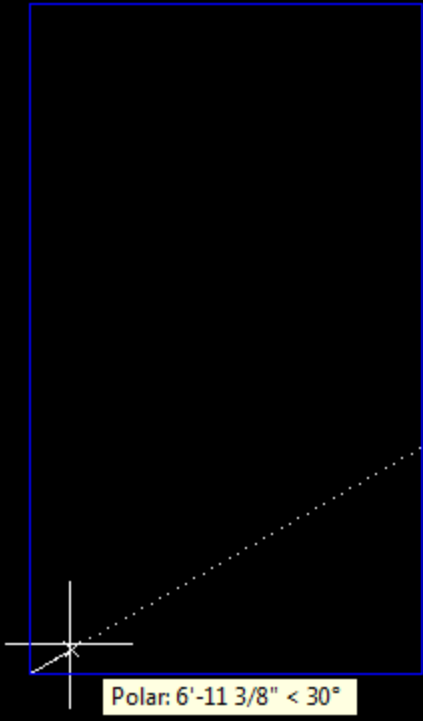
Design

Color	ByLayer
Layer	A-ELEV-con...
Linetype	Cont...
Linetype scale	0.0075
Lineweight	ByLa...
Thickness	0"

Display

Extended Data

3D Visualization	
Material	ByLayer
Shadow displ...	Casts and R...
Plot style	
Plot style	ByColor
Plot style table	LKM.ctb
Plot table att...	Model
Plot table type	Color depe...
View	
Misc	



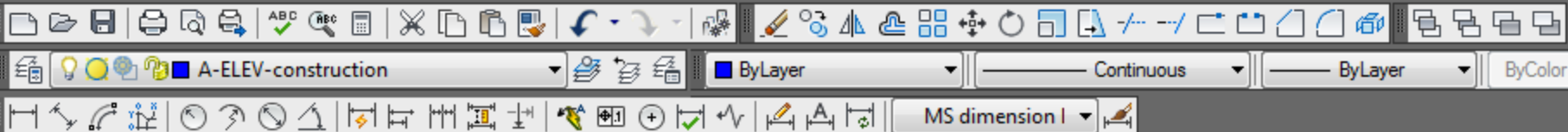
Insert the image by clicking on the screen. It will scale with your mouse – you can adjust its size using the scale command once it's in the drawing:

Type **SC** and enter a factor to properly scale the image.

Command: `_imageattach`
Specify insertion point <0,0>:
Base image size: Width: 7.920000, Height: 13.513333, Inches
Specify scale factor or [Unit] <1>:

1.4073E+04, 6.5067E+03, 0'-0"

Elevation: +0"



No selection

General

Color	ByLayer
Layer	A-ELEV-con...
Linetype	Cont...
Linetype scale	0.0075
Lineweight	ByLa...
Thickness	0"

3D Visualization

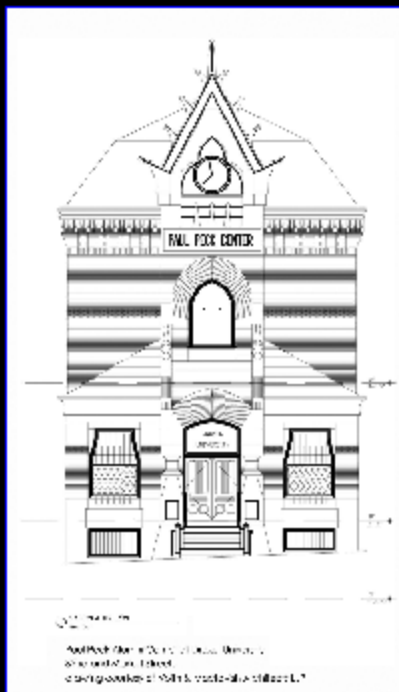
Material	ByLayer
Shadow displ...	Casts and R...

Plot style

Plot style	ByColor
Plot style table	LKM.ctb
Plot table att...	Model
Plot table type	Color depe...

View

Misc

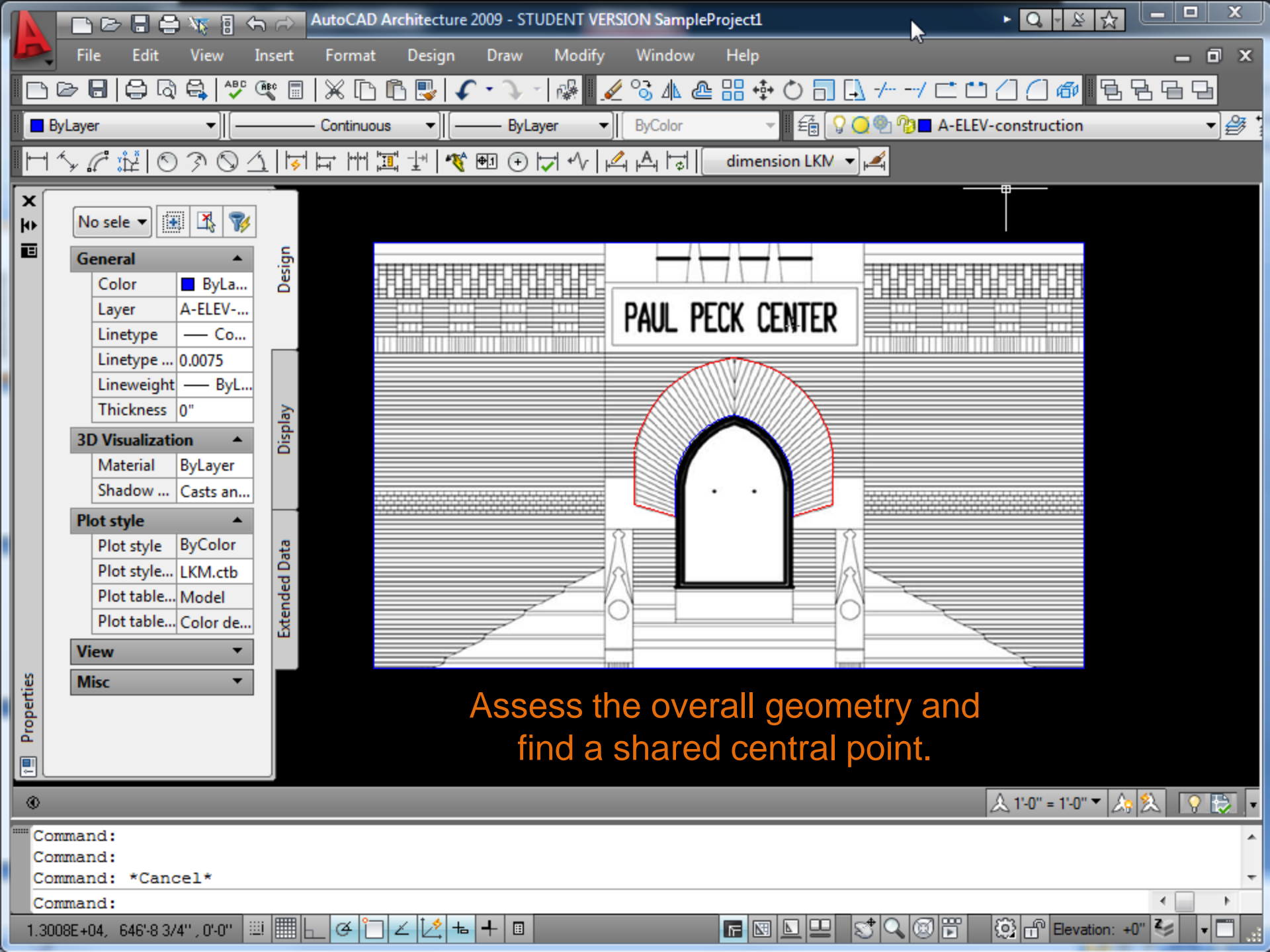


You may draw on top of this image, just be certain to put it on a Layer that you will **turn off** prior to plotting.

Command:
 Command: *Cancel*
 Command: *Cancel*
 Command:

1.4905E+04, 604'9 1/16", 0'-0"

Elevation: +0"



Assess the overall geometry and find a shared central point.



A-ELEV-construction ByLayer Continuous ByLayer ByColor



No selection

General

Color	ByLayer
Layer	A-ELEV-con...
Linetype	Cont...
Linetype scale	0.0075
Lineweight	ByLa...
Thickness	0"

3D Visualization

Material	ByLayer
Shadow displ...	Casts and R...

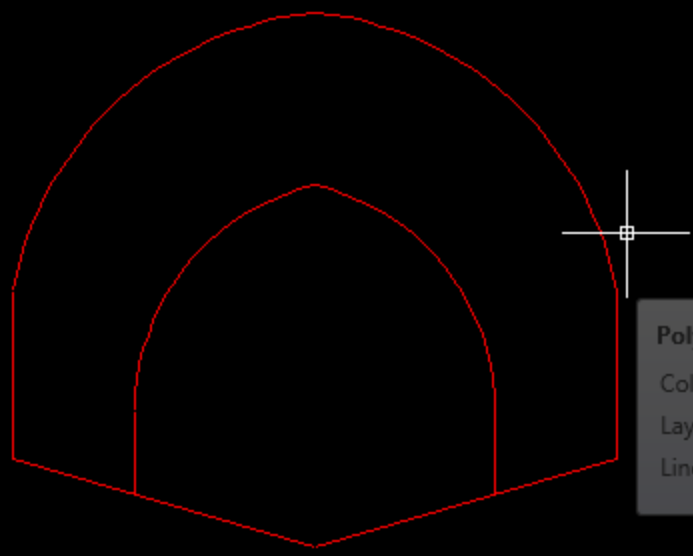
Plot style

Plot style	ByColor
Plot style table	LKM.ctb
Plot table att...	Model
Plot table type	Color depe...

View

Misc

Design
Display
Extended Data



Polyline

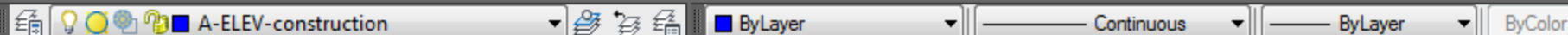
Color	ByLayer
Layer	A-ELEV-tertiary
Linetype	Continuous

Command: *Cancel*

Command: d*Cancel*

Command: *Cancel*

Command:



Properties

No selection

Design

General

Color	ByLayer
Layer	A-ELEV-con...
Linetype	Cont...
Linetype scale	0.0075
Lineweight	ByLa...
Thickness	0"

Display

3D Visualization

Material	ByLayer
Shadow displ...	Casts and R...

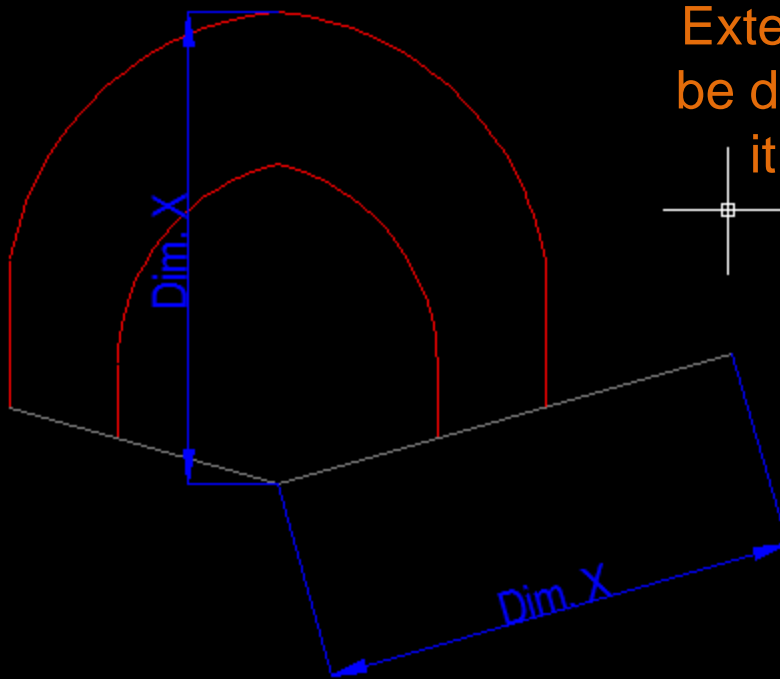
Extended Data

Plot style

Plot style	ByColor
Plot style table	LKM.ctb
Plot table att...	Model
Plot table type	Color depe...

View

Misc



Extend the line that will be duplicated to ensure it will fill the area.

Command:
Command: Specify opposite corner:
Command: *Cancel*
Command:

File Edit View Insert Format Design Draw Modify Draw Window Help

ABC REC

A-ELEV-construction ByLayer Continuous ByLayer ByColor

MS dimension I

No selection

Angular Dimension
Creates an angular dimension.
DIMANGULAR
Press F1 for more help

General

Color	ByLayer
Layer	A-ELEV
Linetype	Continuous
Linetype scale	0.0075
Lineweight	ByLayer
Thickness	0"

3D Visualization

Material	ByLayer
Shadow displ...	Casts and R...

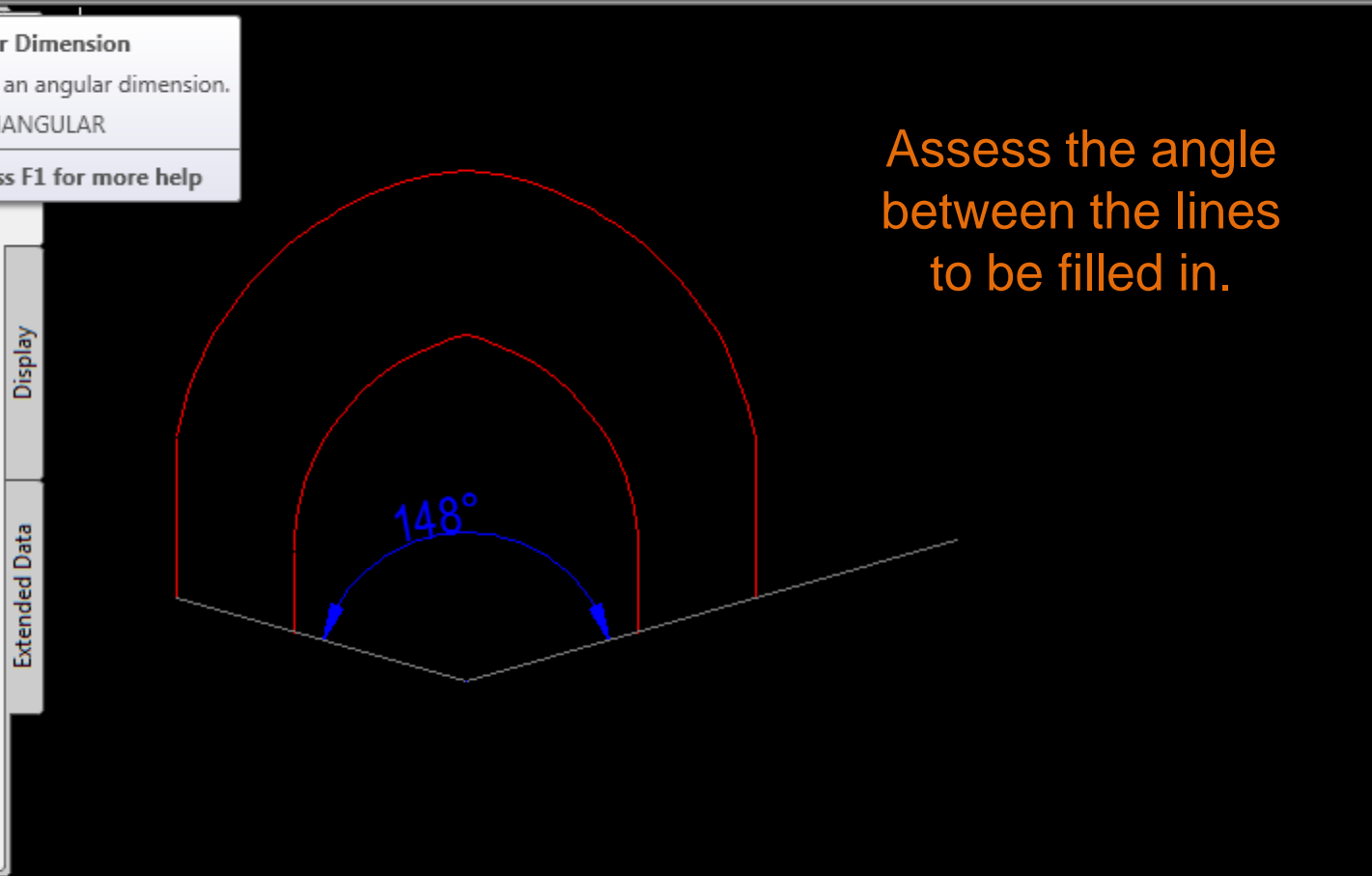
Plot style

Plot style	ByColor
Plot style table	LKM.ctb
Plot table att...	Model
Plot table type	Color depe...

View

Misc

Properties



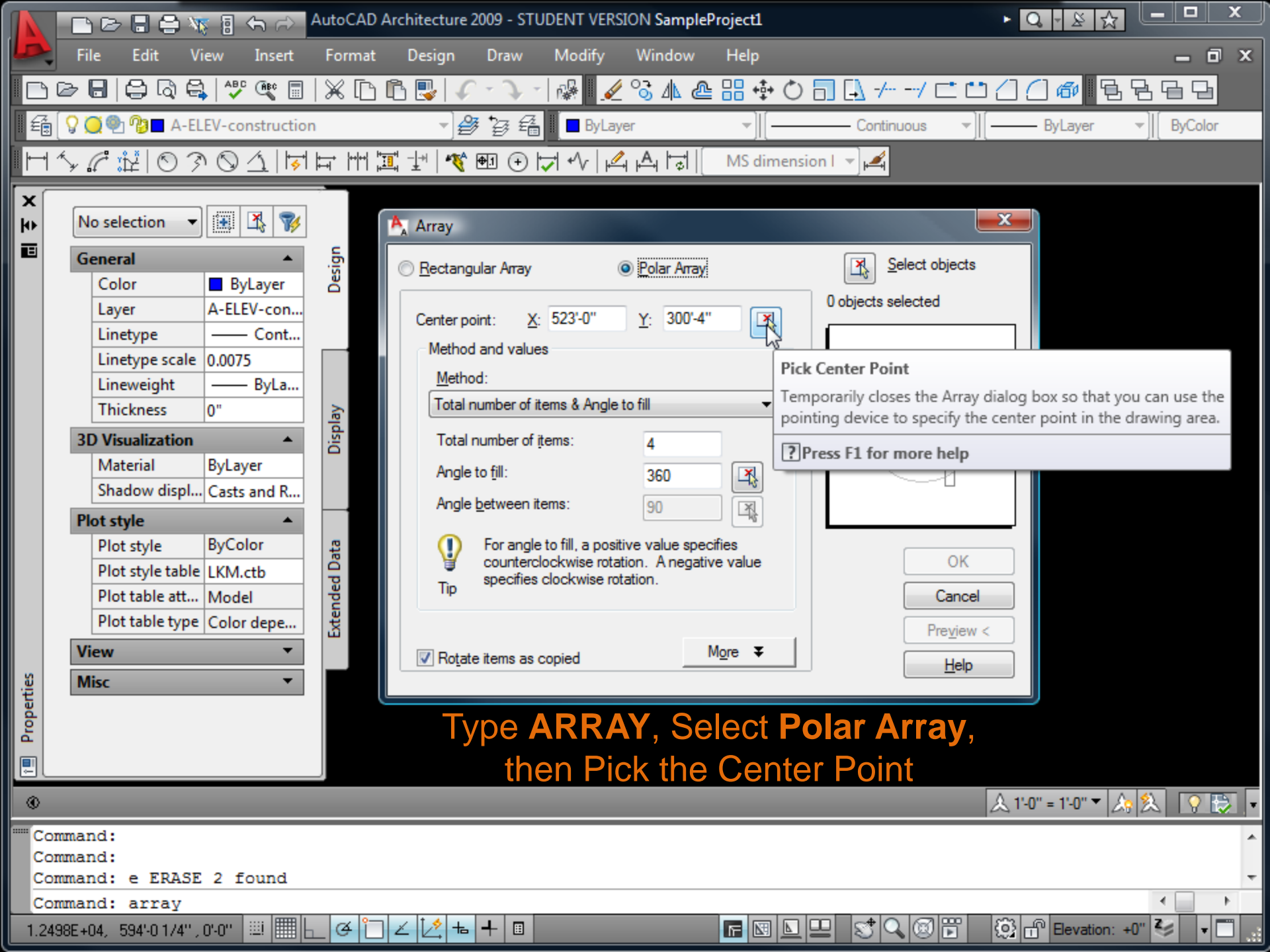
Assess the angle between the lines to be filled in.

1'-0" = 1'-0"

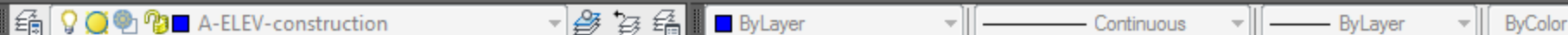
```
** STRETCH **
Specify stretch point or [Base point/Copy/Undo/eXit]:
Command: *Cancel*
Command:
```

1019'5 3/8", 7.5089E+03, 0'-0"

Elevation: +0"



Type **ARRAY**, Select **Polar Array**, then Pick the Center Point



Array

Rectangular Array Polar Array

Center point: X: 1040'-6 5/8 Y: 591'-8 9/16

Method and values

Method: Total number of items & Angle to fill

Total number of items: 4

Angle to fill: 360

Angle between items: 90

Tip
For angle to fill, a positive value specifies counterclockwise rotation. A negative value specifies clockwise rotation.

Rotate items as copied

More ▾

Select objects

0 objects selected

OK

Cancel

Preview <

Help

Select Objects

Specifies the objects used to construct the array. You can select objects before or after the Array dialog box is displayed. To select objects when the Array dialog box is displayed, choose Select Objects. The dialog box temporarily closes. When you finish selecting objects, press ENTER. The Array dialog box is redisplayed, and the number of objects selected is shown below the Select Objects button.

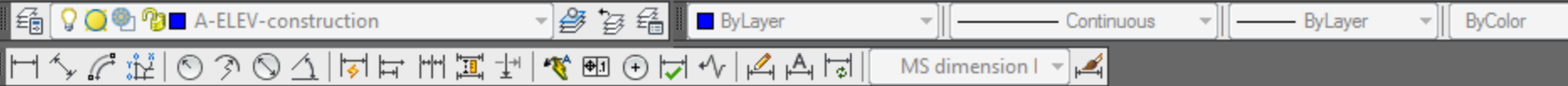
? Press F1 for more help

Select the Object
you would like to
array.

Command:
Command: e ERASE 2 found
Command: array
Specify center point of array:

1040'-6 5/8", 591'-8 9/16", 0'-0"

Elevation: +0"



Properties

No selection

General

Color	ByLayer
Layer	A-ELEV-con...
Linetype	Cont...
Linetype scale	0.0075
Lineweight	ByLa...
Thickness	0"

3D Visualization

Material	ByLayer
Shadow displ...	Casts and R...

Plot style

Plot style	ByColor
Plot style table	LKM.ctb
Plot table att...	Model
Plot table type	Color depe...

View

Misc

Array

Rectangular Array Polar Array

Center point: X: 1040'-6 5/8 Y: 591'-8 9/16

Method and values

Method:

Total number of items & Angle to fill

Total number of items: 75

Angle to fill: 148

Angle between items: 2

Rotate items as copied

Press F1 for more help

Press F1 for more help

Enter values, then select OK.

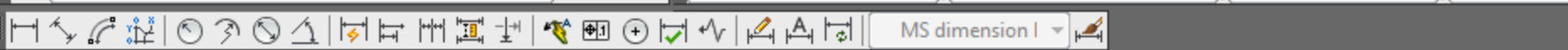
Tip: Sets the number of objects that appear in the resultant array. The default value is 4.

Tip: Sets the size of the array by defining the included angle between the base points of the first and last elements in the array. A positive value specifies counterclockwise rotation. A negative value specifies clockwise rotation. The default value is 360. A value of 0 is not permitted.

Select objects:

Command: _u ARRAY

Command: array



No selection

General

Color	ByLayer
Layer	A-ELEV-con...
Linetype	Cont...
Linetype scale	0.0075
Lineweight	ByLa...
Thickness	0"

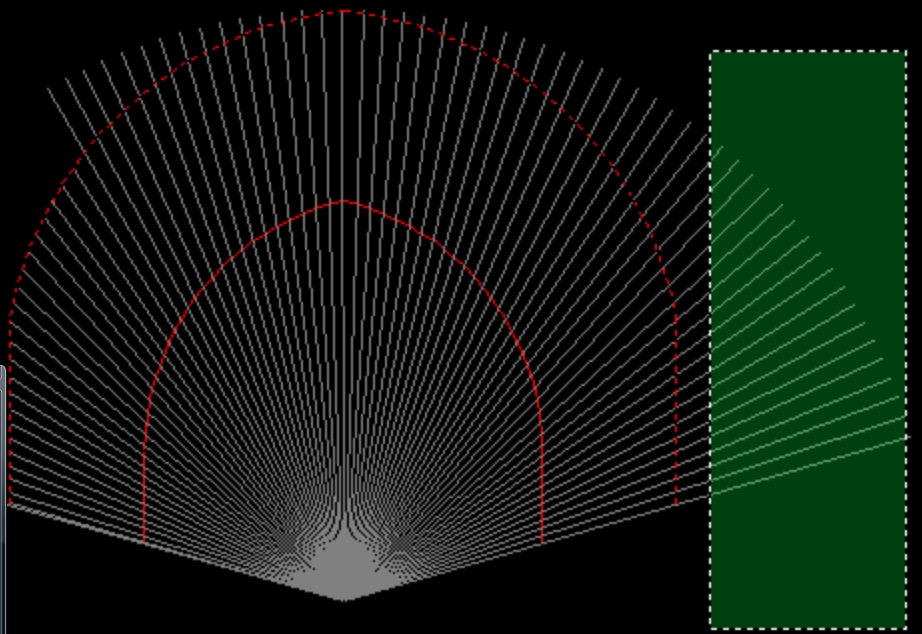
3D Visualization

Material	ByLayer
Shadow displ...	Casts and R...

Design

Display

Use the **TRIM** command to delete excess



AutoCAD Architecture 2009 - STUDENT VERSION SampleProject1

File Edit View Insert Format Design Draw Modify Window Help

A-ELEV-construction ByLayer Continuous ByLayer ByColor

MS dimension I

Properties

No selection

General

Color	ByLayer
Layer	A-ELEV-con...
Linetype	Cont...
Linetype scale	0.0075
Lineweight	ByLa...
Thickness	0"

3D Visualization

Material	ByLayer
Shadow displ...	Casts and R...

Plot style

Plot style	ByColor
Plot style table	LKM.ctb
Plot table att...	Model
Plot table type	Color depe...

View

Misc

Design

Display

Extended Data

Select objects:
Command: p PAN
Press ESC or ENTER to exit, or right-click to display shortcut menu.

Press pick button and drag to pan.

ite corner:

ite corner:



A-ELEV-construction ByLayer Continuous ByLayer ByColor



Properties

No selection

General

Color	ByLayer
Layer	A-ELEV-con...
Linetype	Cont...
Linetype scale	0.0075
Lineweight	ByLa...
Thickness	0"

3D Visualization

Material	ByLayer
Shadow displ...	Casts and R...

Plot style

Plot style	ByColor
Plot style table	LKM.ctb
Plot table att...	Model
Plot table type	Color depe...

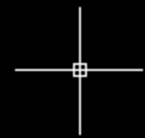
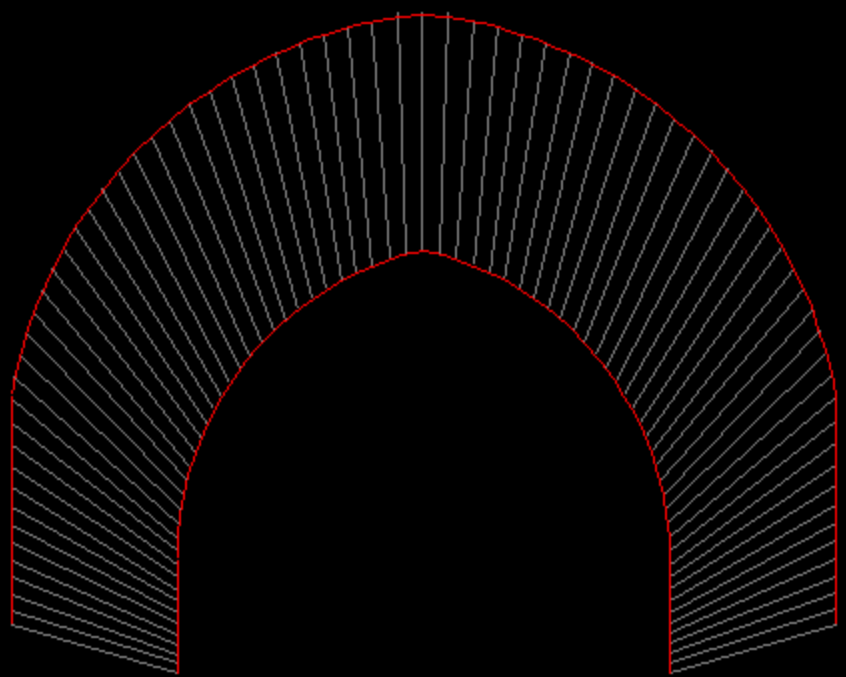
View

Misc

Design

Display

Extended Data



[Fence/Crossing/Project/Edge/eRase/Undo]: *Cancel*

Command: p PAN

Press ESC or ENTER to exit, or right-click to display shortcut menu.

Command: