



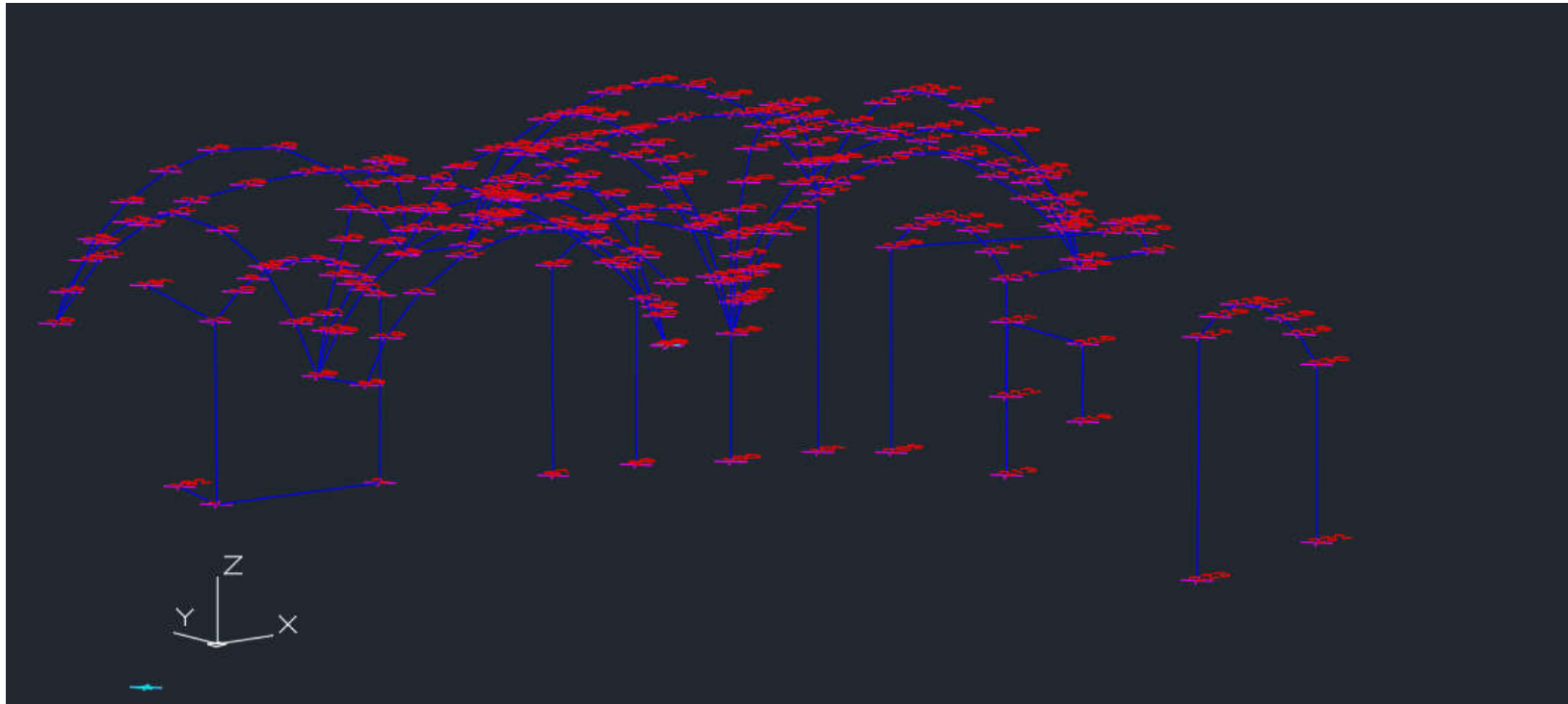
Leica 3D DISTO™ Countertop-Backsplash using Autocad



- when it has to be right

Leica
Geosystems

3D Disto Backsplash using Autocad Raw File

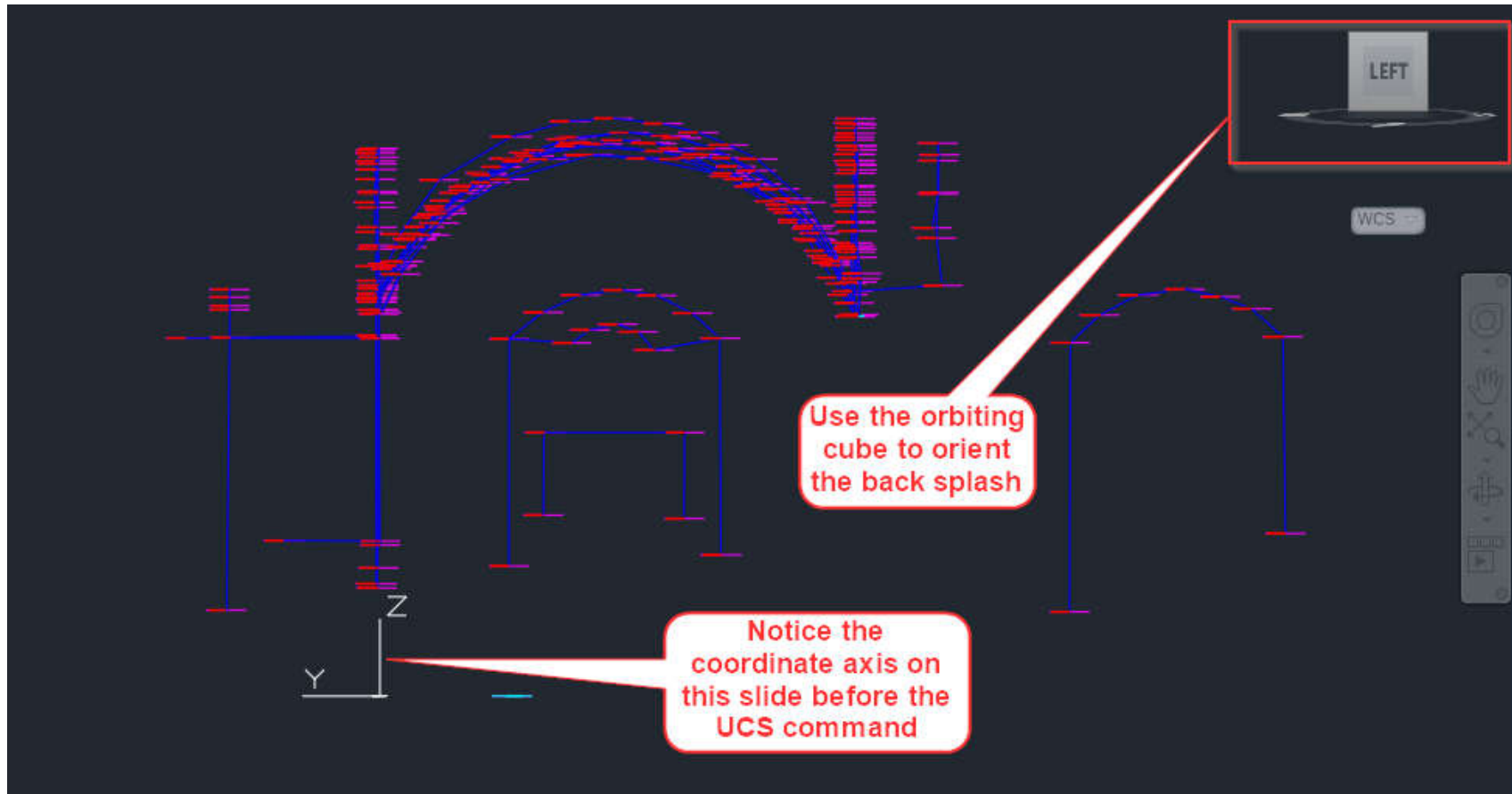


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3D Disto Backsplash using Autocad

Orient the backsplash



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3D Disto Backsplash using Autocad

UCS command – change coordinate system

The screenshot displays the AutoCAD interface with a 3D model of a structure. The command line at the bottom shows the following sequence of commands:

```
INTELLIZOOM  
Command: _u UCS  
Command: _u LINE  
Command: _u INTELLIPAN IN  
INTELLIPAN INTELLIZOOM IN  
INTELLIZOOM INTELLIPAN IN  
INTELLIPAN INTELLIZOOM INTELL  
INTELLIPAN INTELLIZOOM INTELLIZOOM  
Command: _u '.VIEWCUBEAS  
Regenerating model.  
Command: Regenerating model.  
Command: UCS  
Current ucs name: *WORLD*  
Specify origin of UCS or [Face/Named/  
OBJect/Previous/View/World/X/Y/Z/  
ZAxis] <World>: v
```

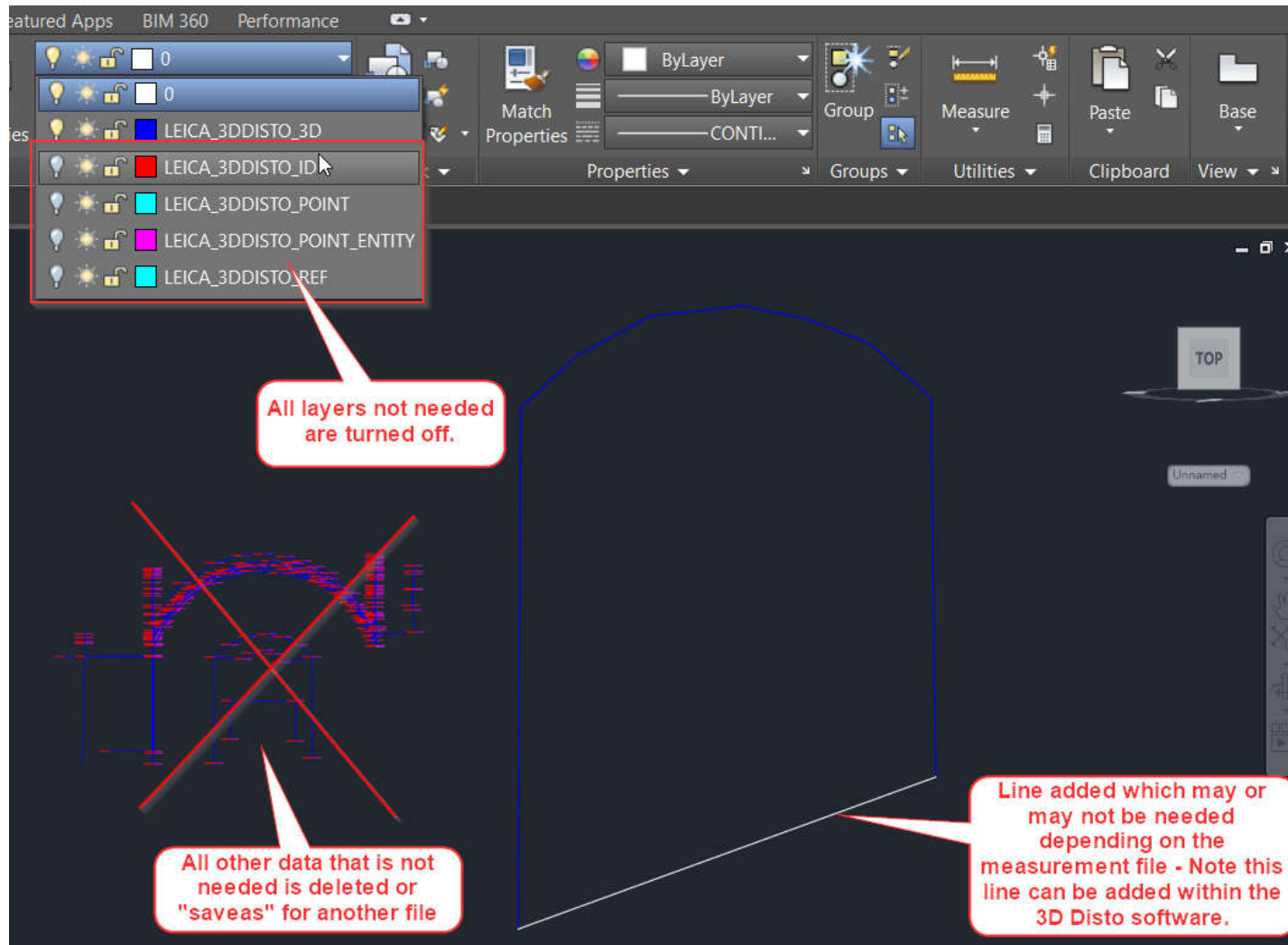
Four callout boxes provide instructions:

- 1ST** - Once the backsplash is oriented, type the UCS command to change the coordinate system
- 2ND** - Select the "view" option by typing "V" to set the coordinate system to an X,Y axis
- 3RD** - Note, that after the coordinate system is changed the orbiting cube now shows a top-down orientation
- 4TH** - You will now see the X,Y axis appear in the proper orientation

- when it has to be right

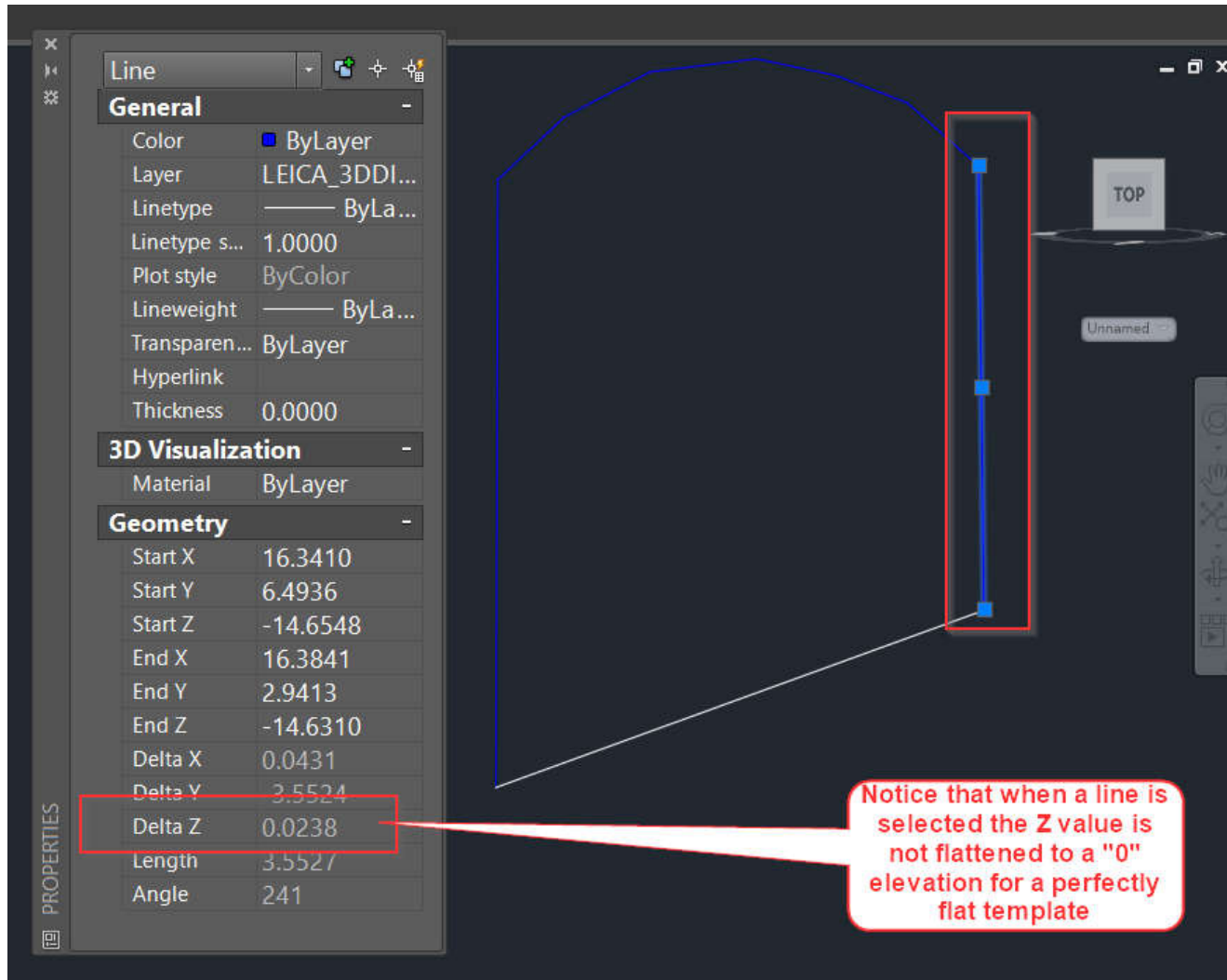
3D Disto Backsplash using Autocad

Clean up – turn off layers, delete unwanted data



- when it has to be **right**

3D Disto Backsplash using Autocad Template before flatten command



- when it has to be right

3D Disto Backsplash using Autocad Template after flatten command

Now you will see that the Line entities are now flattened to a "0" elevation to provide a perfectly flat template

Type the "FLATTEN" command and then select the lines that you want to flatten.

```
Command: *Cancel*  
Command: *Cancel*  
Command: *Cancel*  
Command: FLATTEN  
Select objects to convert to 2d...  
Select objects: Specify opposite  
corner: 9 found  
Select objects:  
Remove hidden lines? <Yes>:  
/  
Command:  
Command: *Cancel*  
Command:  
Command: *Cancel*  
Command: *Cancel*  
Command:  
Command:
```

Properties palette (Polyline):

- General
 - Color: ByLayer
 - Layer: LEICA_3DDI...
 - Linetype: ByLa...
 - Linetype s...: 1.0000
 - Plot style:
 - Lineweight:
 - Transparen:
 - Hyperlink:
 - Thickness:
- 3D Visualization
 - Material: ByLayer
- Geometry
 - Current Ve...: 1
 - Vertex X: 16.3793
 - Vertex Y: 2.9393
 - Start segm...: 0.0000
 - End segme...: 0.0000
 - Global wid...: 0.0000
 - Elevation: 0.0000
 - Area: 0.0000
 - Length: 3.5620
- Misc
 - Closed: No
 - Linetype g...: Enabled

- when it has to be right

3D Disto Backsplash using Autocad

Measure Once. Cut Once.

Measure with confidence. The Leica 3D DISTO combines Leica Geosystems' surveying and DISTO technologies to create the ultimate measuring tool. Accurate, durable, and CAD friendly.



Manual/automatic scanner
with up to 160' range



Comfortably works
indoors and outdoors



Measure complex or
curved surfaces



Simple one-man
operation



For more information, contact us at:
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