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## *Exercise 1-12 – Adding Gridlines to a Titleblock*

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Drawing Name: **grids.rfa**

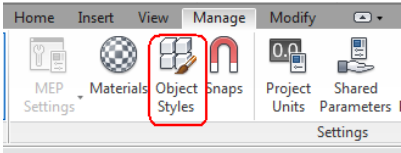
Estimated Time to Completion: 15 Minutes

### **Scope**

*Adding grid lines to a title block family makes it easier to align views.*

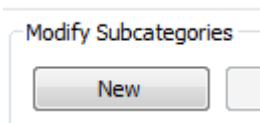
### **Solution**

1.  Activate the **Manage** ribbon.

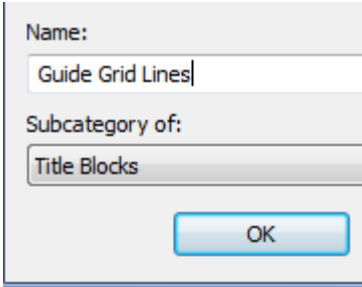


Select **Object Styles**.

2.  Select **New** in the lower right of the dialog.



3.  In the Name field, type **Guide Grid Lines**.



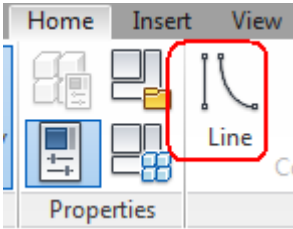
Select **Title Blocks** for the Subcategory.

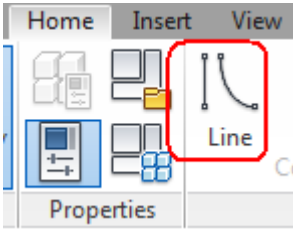
Press **OK**.

4.  Assign the Guide Grid Lines a gray color so they appear half-tone on the title block.

Reference Names	1	2	3	4	5
Title Blocks	1	Black	Black	Black	Black
Guide Grid Lines	1	Gray	Black	Black	Black
Medium Lines	3	Black	Black	Black	Black
Thin Lines	1	Black	Black	Black	Black
Wide Lines	5	Black	Black	Black	Black

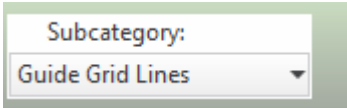
Press **OK**.

5.  Activate the **Home** ribbon.



Select the **Line** tool.

6.  On the ribbon:

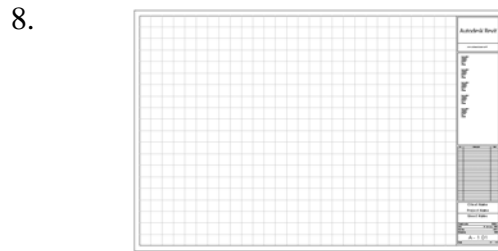


Set the Subcategory of the lines to the **Guide Grid**

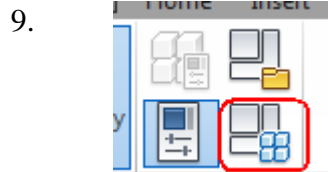


**Lines.**

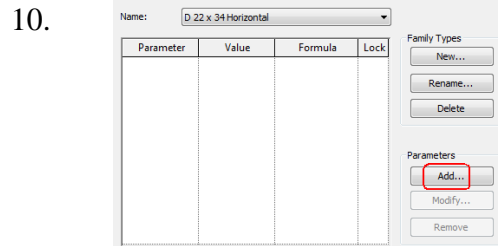
Place 27 vertical lines with 1" spacing. The lines can be placed using the ARRAY command.



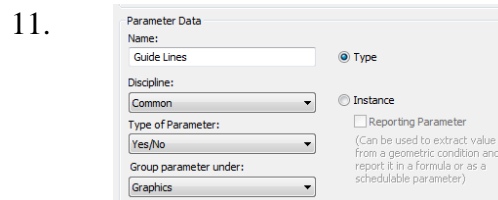
Place 19 vertical lines with 1" spacing. The lines can be placed using the ARRAY command.



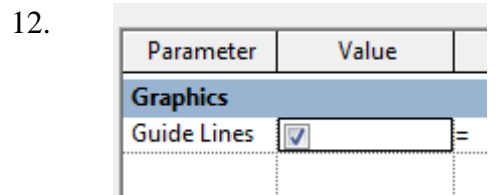
Select **Family Types** from the ribbon.



Click on **Add** under the Parameters section.



In the Name field, type **Guide Lines**.  
Set the Type of Parameter to **Yes/No**.  
Group the parameter under **Graphics**.  
Enable **Type**.  
Press **OK**.



Now when there is a check next to Guide Lines, the guide lines will be visible.

Press OK.

13. Save the file as *D-Horizontal with Guide.rfa*.