Creating a 11 x 8.5 Layout and a Template (mechanical)

Go to the Rhino in Education Page.
>   Left-click to read the pdf: "Creating a Layout and Template (mech)". (save or print for your use)
>   Download and **open** the model: **11x 8.5 Mechanical inches**
>   Download the model: **Border Lines & Title Block with Date.**   (we will open it later)

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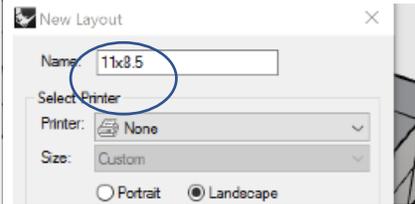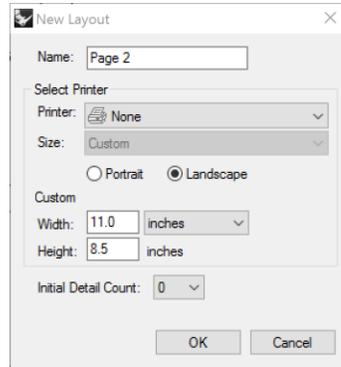**Create a Layout - Insert a Title - Create Details:**

1. Cmd: Layout.
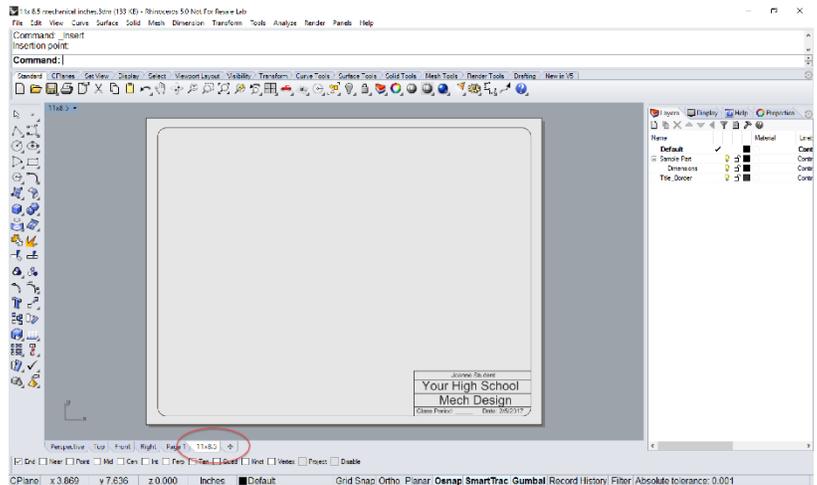Page 2 will be created.
Change the name to   11x8.5
Select Landscape, 11 x 8.5, Initial
Detail Count = 0).

   (Note the 'new' 11x8.5 tab at the
lower left of the Rhino screen)

2. Cmd: Insert. Find file named
**Border Lines & Title Block with
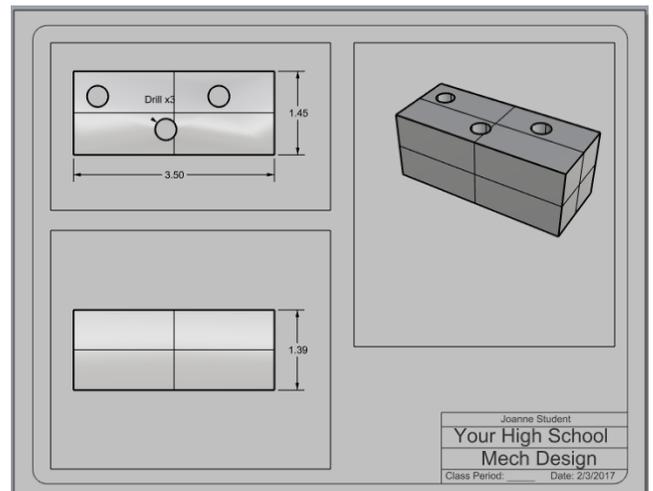Date**. (Note: Insert As 'Individual
Objects')

3. Left-click 'Perspective Tab' at
bottom left corner of the Rhino
screen**.** Turn on 'sample part' and
'Dimensions' layers.
The part with dimensions
and a leader will appear.
Zoom as needed.

4. Click the '11x8.5' tab to show the Layout page.
Right-Click on '11x8.5' Tab.
Left-Click 'New Detail'. Create three details.
Your part will show (Top View) in each detail.
Use control points to resize the detail borders to fit
your layout as desired.   (note: Image at right is the
'Page 1' layout already created in this model)

Set the View in the Detail
1. Activate the detail. Double-click in the detail.
2. Set View in each detail. (top, front, side, persp.)
3. Set Display in each detail. (Wireframe, Shaded,
Rendered, etc)
4. Double-click to activate and to de-activate details.

Scaling the Detail(s)
1. Deactivate all Details.
2. Left-Click the border of the detail you want to 'scale'.
3. Click **'Properties'** tab.
4. Click the 'Detail' button.
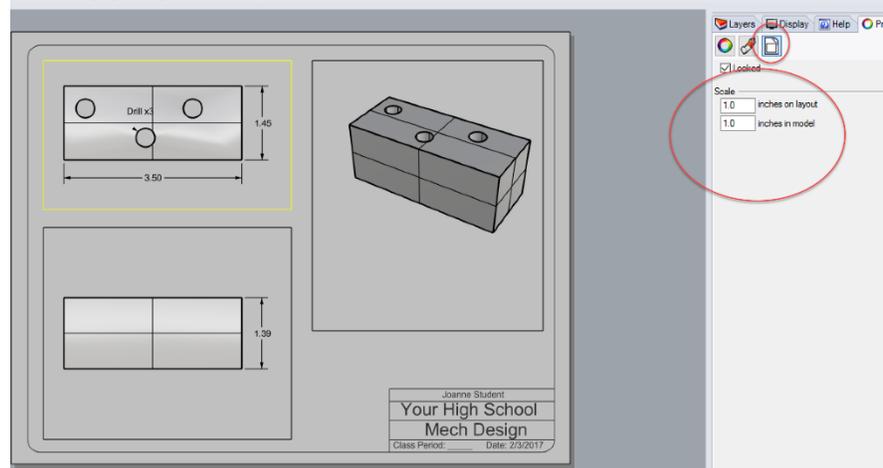5. Set the scale.
6. Lock the Detail.

To Hide unwanted info:
Activate the detail.
Cmd: 'HideInDetail'
Select items you want to hide in each detail.
De-activate the detail.

To Print   (edit the contents of the 'title area' on the layout)
1. Select the printer and adjust other Print Setup options as needed.
2. Note: Detail borders don't show. (Object Properties, Print Width = No Print. Change this to print borders)
3. Scale = 1:1 (note: We have already scaled the detail to the page)
4. Print

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Make a Template:

1. Delete the Sample Part and Dimensions layers. (This will delete the part and dimensions from the model and layout.
2. In the next step you will make a Template File. You will see it added to your existing templates. You can change and edit it at any time.
3. 'Save As Template' using the same name as above (**11x 8.5 Mechanical inches**)

   Try it out:

1. Start a new Rhino model. Template Name: **11x 8.5 Mechanical inches.**
2. Add a layer and name it Small Model. Make it the current layer.
3. Create a 'small model' about the same size as the part in the previous model.
4. Click the '11x8.5' tab. Your 'small model' will be displayed on the page in the details you saved in the 'template'.
5. Click each detail border and 'unlock' it.   (Properties, Detail, Unlock)
6. Activate each detail and change the view, size, scale, etc, of the object(s) within the detail. Lock the detail.
7. Click each border detail and press f10 to turn control points on. Adjust the detail borders to fit your model. Press f11 to turn points off.
8. Click on a detail border to drag any detail to another location if needed.
9. Save your work.

Need the doc file?
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