

Creating a 11x8.5 Layout (Architectural) Open the model: 2728 plan and layouts architectural

Go to the [Rhino in Education Page](#).

Left-click to read the pdf: “Creating a Layout (Architectural)”. (save or print for your use)

Download and **open** the model: **2728 plan and layouts architectural**

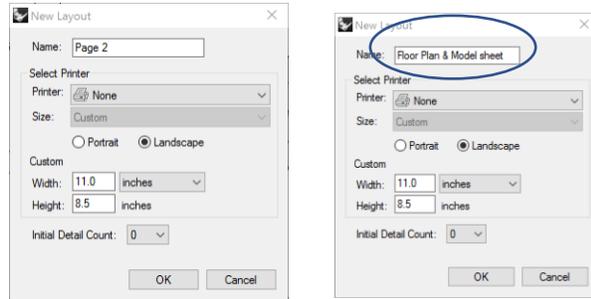
Download the model: **arch title and border** (we will Insert onto the layout later.)

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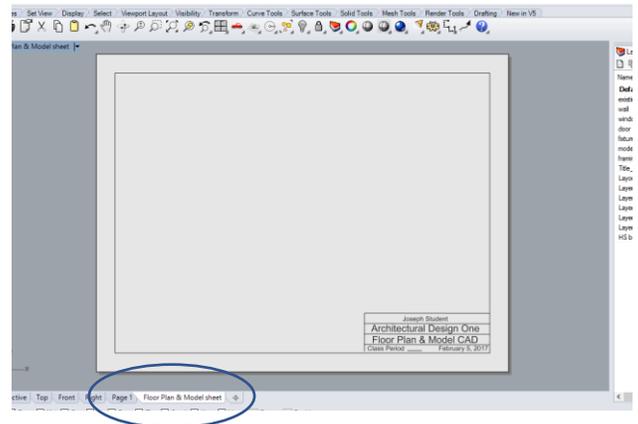
Create a Layout - Insert a Title - Create Details - Basic Annotation:

1. cmd: Layout.
Page 2 will be created.
Name it: Floor Plan & Model sheet
Select Landscape, 11 x 8.5, Initial Detail Count = 0).

(Note the ‘new’ tab at the lower left of the Rhino screen)



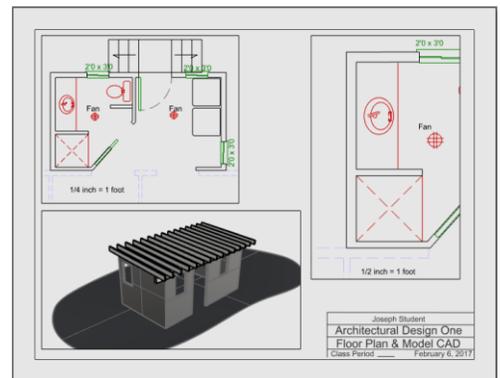
2. Cmd: Insert. Find file named **arch title and border** (Note: Insert As ‘Individual Objects’)



3. Left-click ‘Top Tab’ at bottom left corner of the Rhino screen. The Floor Plan and ‘top view’ of the model will show. Zoom extents if needed. Left-click the ‘Perspective Tab. Zoom and Rotate to see the 3-d model.

4. Click the ‘Floor Plan & Model’ tab to show the Layout page. Right-Click on ‘Floor Plan & Model’ Tab. Left-Click ‘New Detail’. Create three details. Your **ENTIRE MODEL** will show (Top View) in each detail. Pan and zoom to get the desired geometry showing in each detail. For sure: Make one of the details a Perspective view. Pan the model to get the 3d model in the detail.

(Image at right is the ‘Page 1’ already created in this model)...

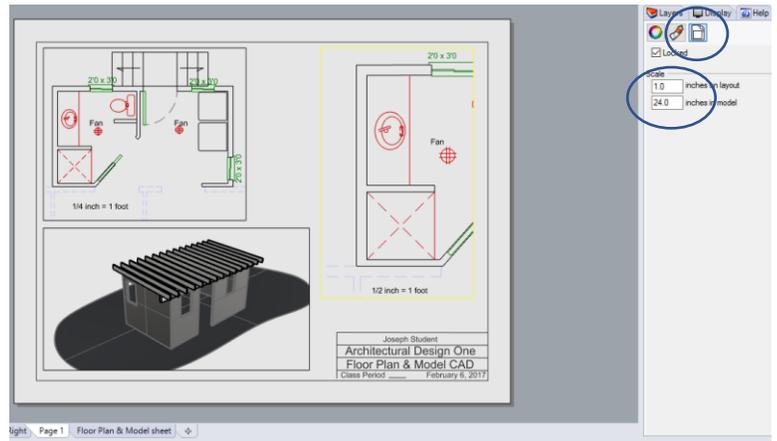


Set the View & Display in each Detail

1. Activate the detail. (dbl_click).
2. Set View: (top, front, side, perspective)
3. Set Display: (Wireframe, Shaded, Rendered)
4. De-activate detail. (dbl_click)

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 to set the scales of each detail.
5. Set one detail to 1 to 48 ($1/4'' = 1'$)
6. Set one detail to 1 to 24 ($1/2'' = 1'$).
7. Lock the Details.



Resize and Move Detail(s)

Resize the details as needed. Select a detail border, press f10, and drag points as needed. Press f11. Move details (by dragging) to relocate details on the layout as needed.

To Hide unwanted geometry, text, dimensions, in any detail:

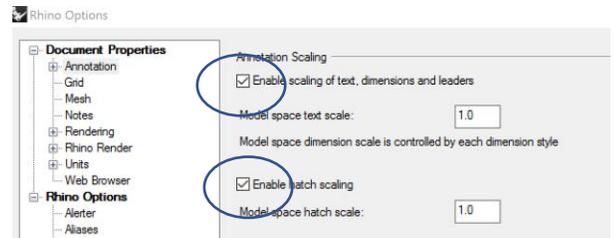
1. Activate the detail.
2. cmd: 'HideInDetail'
3. Select items you want to hide in each detail. Press enter.
4. De-activate the detail.

Annotation:

Set the following: Options, Annotation. Check the two boxes you see at the right.....

Adding Text: (to add notes on the Layout page)

1. Make the dim-text layer current.
2. cmd: Text. Pick a start point. Set text height. .125" text height works well on this page.
3. Text to add: Scale: $1/4'' = 1'$ Scale $1/2'' = 1'$
4. cmd: Leader. Add a leader or two to your Layout.
5. Text to edit: Change the contents of the Title Block to meet your needs.



Adding Dimensions: (The current dimension style is: 'Foot-Inch Architectural')

Text height is .125". All dimensions will be .125" regardless of a detail's scale.

1. Place a dimension on the layout. Dimension will ONLY show on the layout.
2. Place a dimension in the model. Dimension will show in the model & the layout. (cmd: HideInDetail to delete redundant dimensions from the details.)
3. Suggestion: do all dimensioning and annotation on the layout.

To Print

1. cmd: Print. Select the printer and adjust other Print Setup options as needed.
2. Click Print Button. This is a good way to get a 'print preview'. Note: Detail borders don't show. Close.
3. Select all the detail borders. Object Properties, Print Width = No Print. Change to 50mm.
4. cmd: Print. 'Print Preview'... OK? Make changes as needed. See number 5 below: Important.
5. Scale = 1:1 (note: We have already scaled the detail to the page)
6. Print

Need the doc file? As usual this is a work-in-progress. Let me know if there are glaring errors.

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