Tip Sheet

ArchiCAD 13
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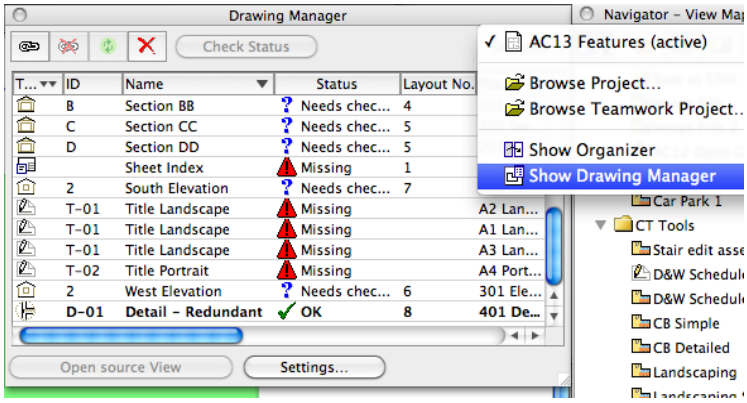
# Recovering Embedded Drawings

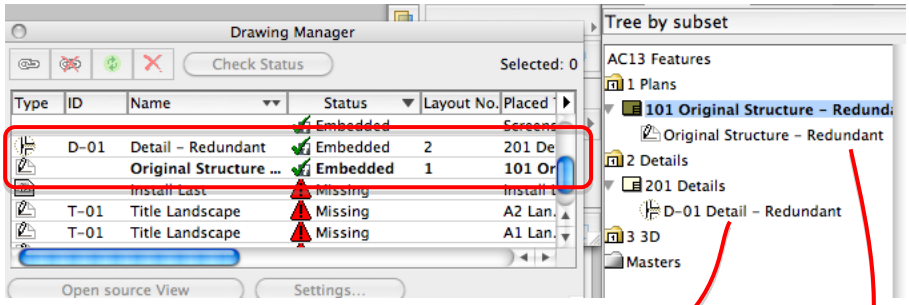
**ArchiCAD** has the ability to quickly see individual drawing's status using the Drawing Manager (click on the **Project Chooser** and select **Show Drawing Manager**).

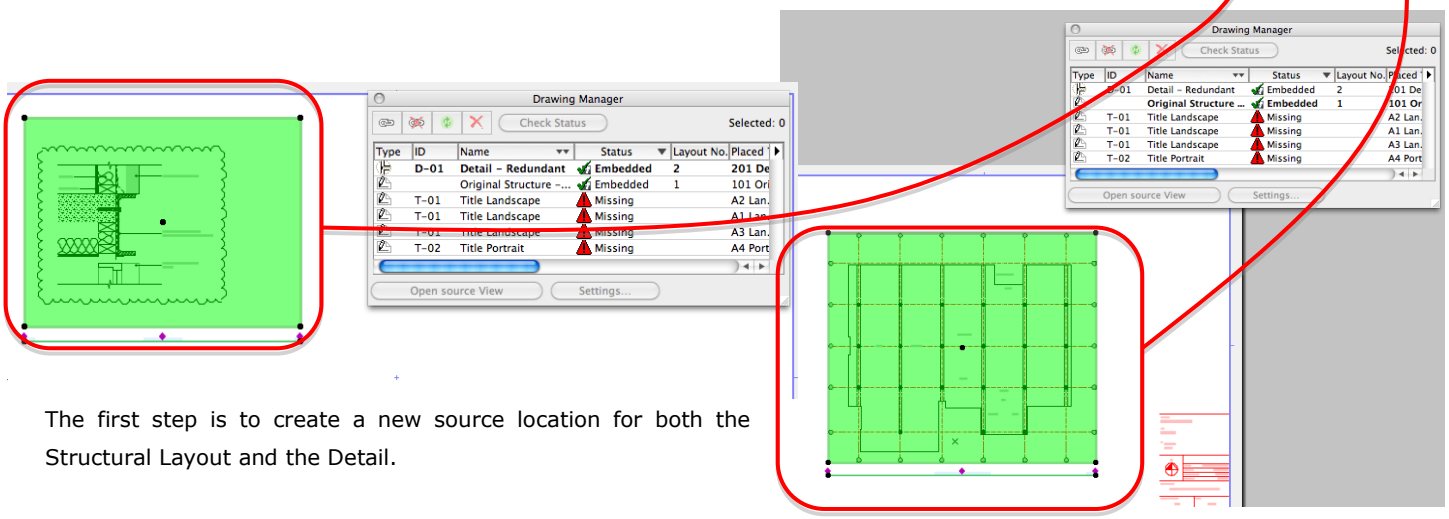



This is a great way of identifying drawings (especially on Layouts) within the project that have been **embedded**, i.e. they no longer have a live drawing window from the **View Map**. The purpose of this Tip Sheet is to highlight a simple way of resurrecting a drawing such as this for further development/editing.

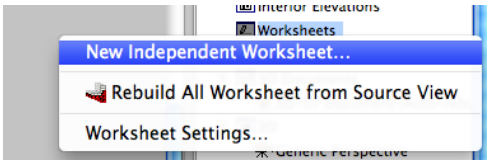
It is important to note that this procedure relates specifically to 2D elements only, there is currently no way to take a floor plan from a Layout and quickly extrapolate it into a working 3D model.

For the purposes of this exercise, a Detail has been embedded within a Layout and named Redundant, we also have an old Structural Drawing that was originally referenced into a Worksheet from a supplied DWG (ex Engineer for example).

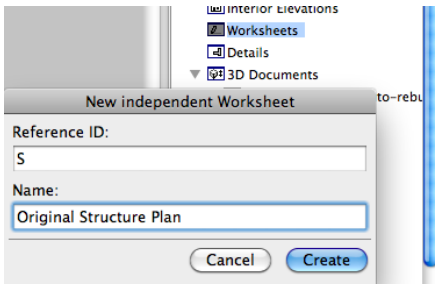


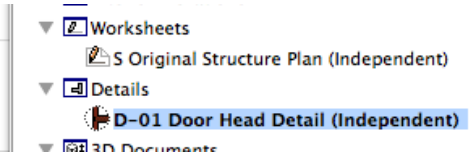
The first step is to create a new source location for both the Structural Layout and the Detail.




Navigate to the Project Map and right mouse click on the Worksheets heading. Select **New Independent Worksheet.** Name the new Worksheet something relevant to your project and click **Create**.

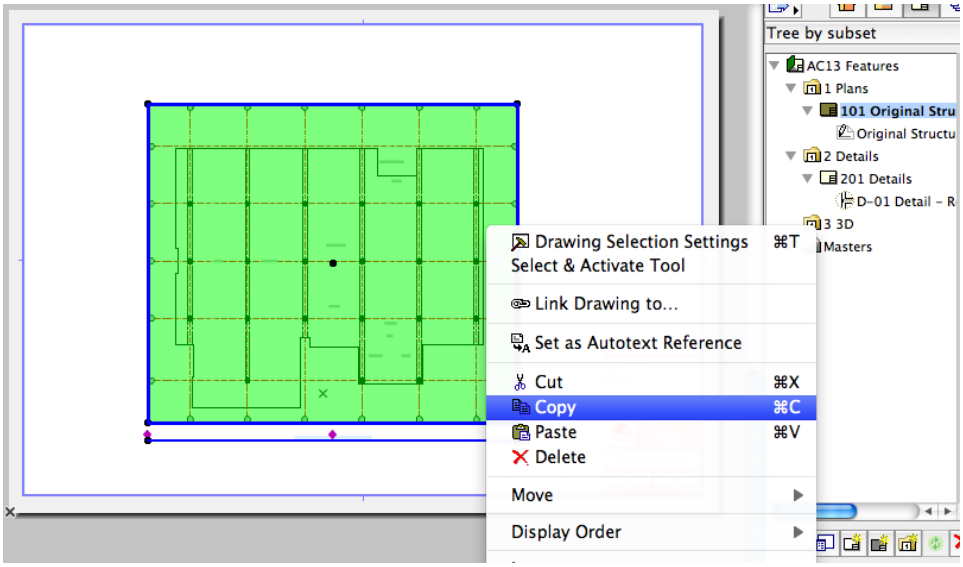


Repeat the process from the Details heading, by right clicking on the Details heading and choosing **New Independent Detail**.



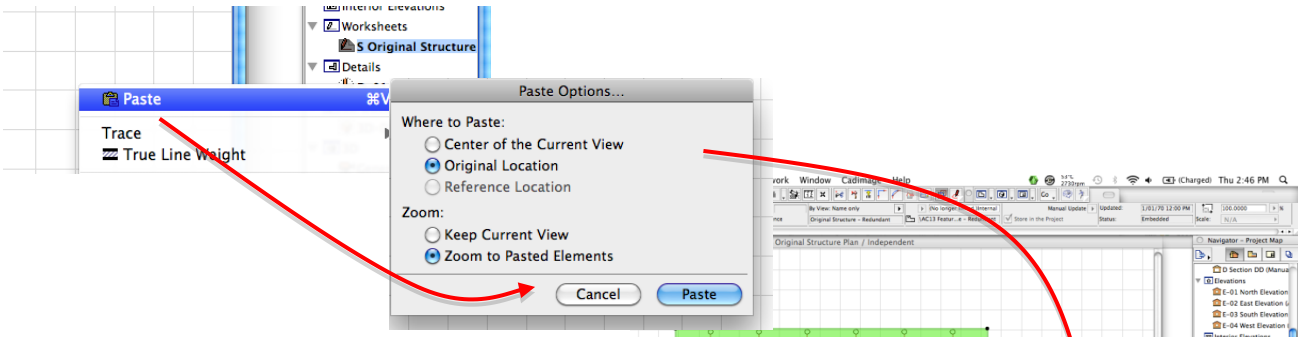

# The Revival Process

The next step involves copy/pasting the existing, embedded drawings into the new independent windows. From within the Layout containing the Structural Layout, right mouse click on the drawing and select Copy.

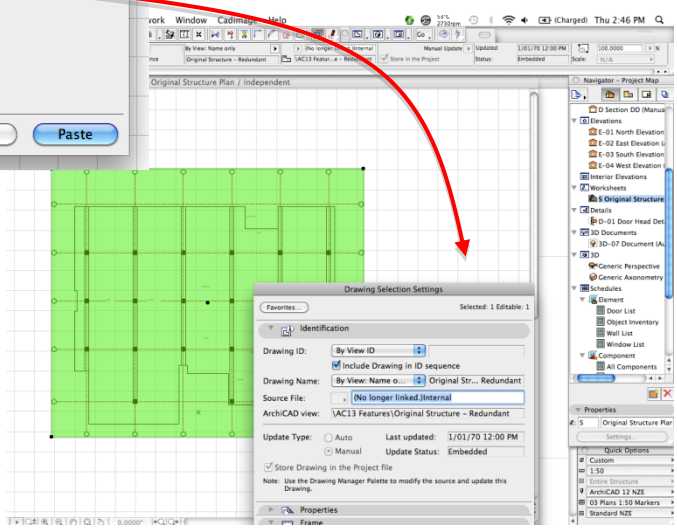



Going back to the Project Map, open the Worksheet that was recently created. Right mouse click within the window and select Paste - simply following the steps until you are left with a drawing within the window.

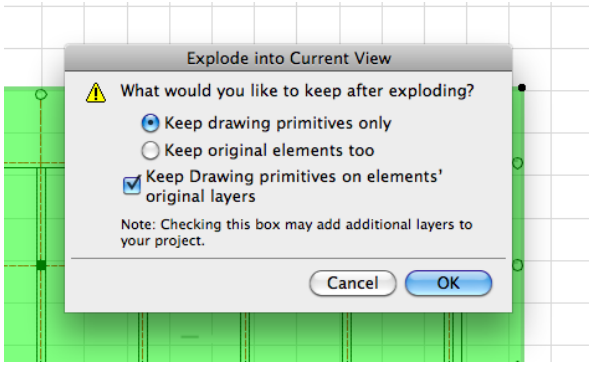
Note that you must click outside the marquee to ensure the drawing placement is retained, clicking inside will move it and hitting the ESC key will cancel the paste action.




The last step in making this drawing a live 2D view involves using the Explode function. Currently the Worksheet contains a pasted image of the Layout contents, select the drawing and navigate to the **Edit** pull down menu – **Edit > Reshape > Explode into Current View**

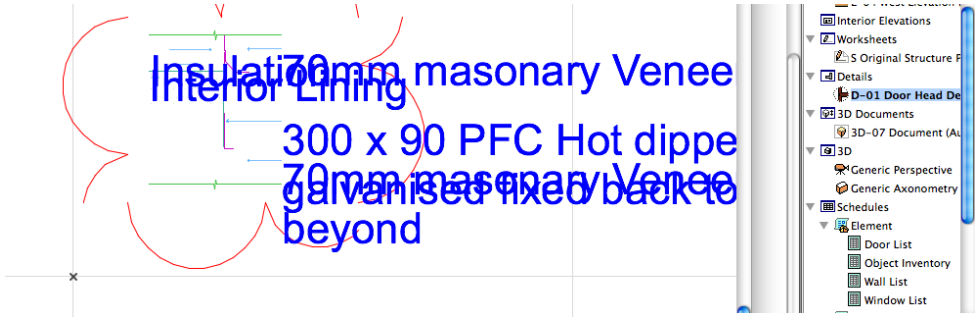



Select the **Keep Drawing Primitives Only** option and you may elect to place the elements on their original layers.



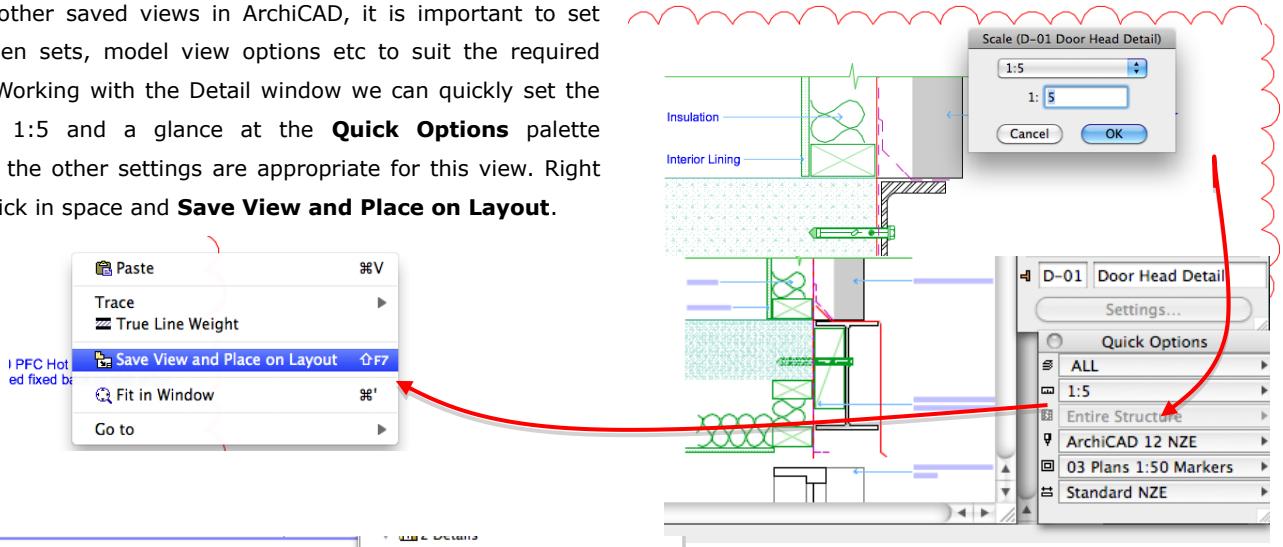

You now have a collection of 2D elements that can be manipulated as per a standard worksheet type drawing.

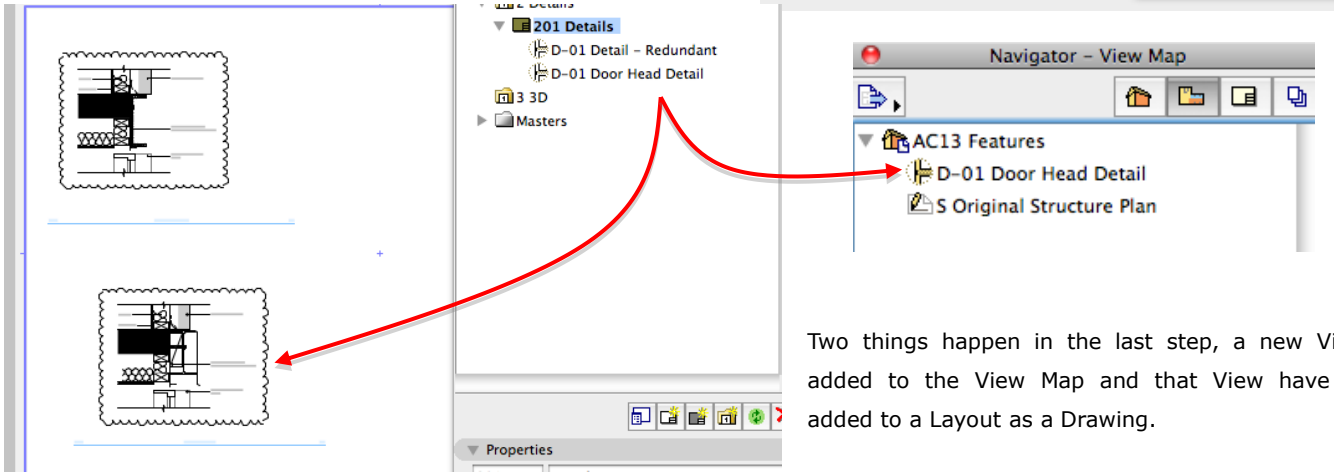
The Detail window is created in exactly the same manner, the primary difference being that Detail windows are generally used for displaying information at a clearer scale (1:2 for example) and Worksheets can be used for the larger drawings as in this case with a structural layout.




Note that this Detail window is set with a 1:50 scale, this leads us to the final step in the revival process.

As with other saved views in ArchiCAD, it is important to set scales, pen sets, model view options etc to suit the required display. Working with the Detail window we can quickly set the scale to 1:5 and a glance at the **Quick Options** palette suggests the other settings are appropriate for this view. Right mouse click in space and **Save View and Place on Layout**.

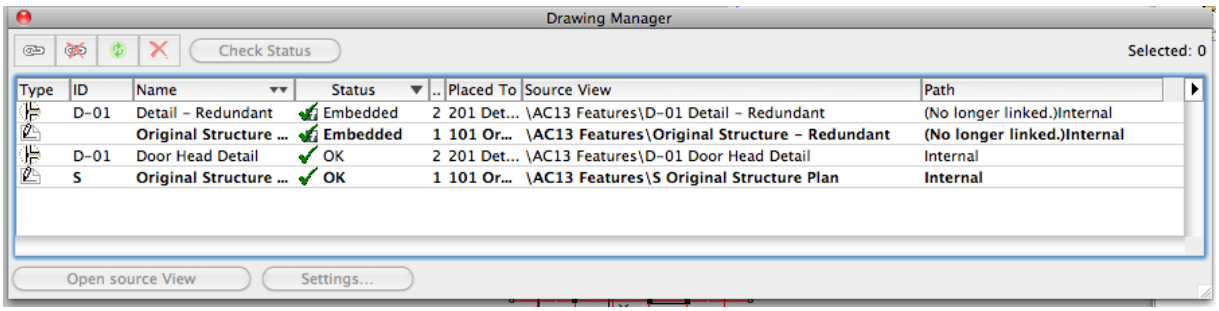



Two things happen in the last step, a new View is added to the View Map and that View have been added to a Layout as a Drawing.

Above you can see the resulting Views in both the View Map and their respective Layouts.

Referring back to the Drawing Manager shows us that we have a Linked and Updated view of both drawing creations.




| Type | ID | Name | Status | .. | Placed To | Source View | Path |
|---|---|---|---|---|---|---|---|
| | D-01 | Detail - Redundant | Embedded | 2 | 201 Det... | \AC13 Features\D-01 Detail - Redundant | (No longer linked.)Internal |
| | | Original Structure ... | Embedded | 1 | 101 Or... | \AC13 Features\Original Structure - Redundant | (No longer linked.)Internal |
| | D-01 | Door Head Detail | OK | 2 | 201 Det... | \AC13 Features\D-01 Door Head Detail | Internal |
| | S | Original Structure ... | OK | 1 | 101 Or... | \AC13 Features\S Original Structure Plan | Internal |

The Embedded drawings can now be deleted (or retained as existing/as built drawings)