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Solution Papers

Summary: *Creating Print Layouts*

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Overview: This solution paper will walk you through setting up print layouts. It is recommended that you first go through the white paper on "Creating Borders" to get a better understanding of how Borders are used in SolidBuilder.

Solution:

Print Layouts allow you to setup up your drawings onto a border (titleblock) which then you can print them out, but they will also be saved with your drawing file. So when you need to make changes or reprint the plan set, you already have the print layout setup so you just have to click Print. Before creating the layouts, you want to first create a border that will include your titleblock (See "Creating Borders" white paper). Then you can disconnect working drawings that you want to print out.

To Save Working Drawings that are attached to a 3D model:

1. Open up the model that has your working drawings attached to it, one that you want to print.
2. Select the **Window** pull-down menu and select a Working Drawing, then select ALL for the Layers to make visible or select the ones you would to make visible on the drawing.
3. Select **File/Disconnect 2D drawing**.
4. Comment dialog box pops up and click OK.
5. **Save As** dialog box appears and select the folder you want to save the file in and then type in the name that you want to call the drawing. Now that Working Drawing is saved as a *.WD file (2d Drawing).
6. Do the same for all the working drawings that you want to print.

To create a New Print Layout

1. Click on **Print Layout/New**.
2. Click on the Browse button to select border to use.
3. Type in a name for the Layout (you have max of 8 characters using letters and/or numbers, underscore _ may be used as well).
4. Click Ok. The border will open and now you can insert drawings to be printed.
5. Click on **Insert/Drawing** or you can right click and select Add Drawing.
6. Draw a window inside the border to where you want a drawing placed.
7. Click on Browse and select a drawing to insert (browse to where the working drawings are saved).

8. Select a scale and hit Ok. The drawing is now inserted.
9. You may need to click on **Edit/Resize** to resize the window if part of the drawing is not showing or if you have a lot of empty space.
10. Repeat steps 5-9 to insert other drawings onto the same layout.
11. If you want to create another Print Layout, click on **Print Layout/New**.
12. Select the border again, if it is the same border as the previous one then SolidBuilder will prompt you to make a copy of it. Click Yes and you may rename the drawing or leave the default.
13. The new border will open and you may insert drawings as previous steps.
14. Repeat these steps for each page you would like to print.

At anytime you may click on the Print icon to print the page. You may also click on Print Layout/Model to go back to your model drawing (or click on the 'Model' tab located at the bottom of the screen). For each layout you create, another tab is added for quick access to each layout.

Saving Layouts as a Template

Once you have layouts created and saved, you may save the layouts as a template which then you may use on other jobs.

1. Click on Print Layout/Save Layouts as Template.
2. Open another model file.
3. Click on Print Layout/Load Layout Template.
4. You may be prompted for Page Number, Scale or Title if you have those wildcards in the border.
5. All the pages will be loaded and then the Template dialog box will open for you to update your drawings. This dialog box can also be accessed by clicking on Print Layout/Modify or right click on one of the layout tabs and click on Modify.

Note: The Print Layout files are created and stored in the same folder as your drawing file is saved. The file format is *.sdf. If these are moved or deleted, the layouts will not be loaded when you open the drawing. If you move the drawing file, be sure to include all the working drawings and the 'Templates' subfolder.

When you are in Print Layout mode, there are other commands under the Edit menu that allow you to modify the Windows and Text in the border. If you want to Edit Text, be sure to click on the main border window before doing so. You cannot edit text inside a working drawing. If you need to edit the working drawing, click back on the Model and open the working drawing. Make the changes and then Disconnect the drawing again. The print layout will be updated automatically.