

Using DWFs

Elise Moss

AutoCAD and ADT comes with a free DWF (Design Web Format) viewer and publishing tool. This utility allows you to plot your files into DWF format. You can then email the files, post them on a website, or include them in a Powerpoint presentation. The recipient of the DWF files do not need to have an installed copy of ADT or AutoCAD. They do need to download the latest DWF viewer from Autodesk's website. The DWF viewer is distributed free to anyone.

Exercise X-1:

Publishing to a DWF

Drawing Name: ex6-5.dwg

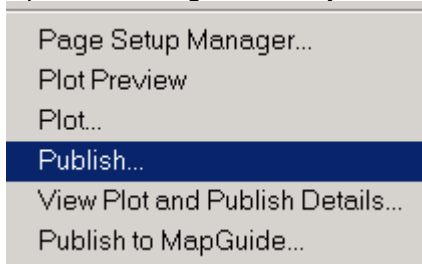
Estimated Time: 20 minutes

This exercise reinforces the following skills:

- Publish
- DWF
- DWF Viewer

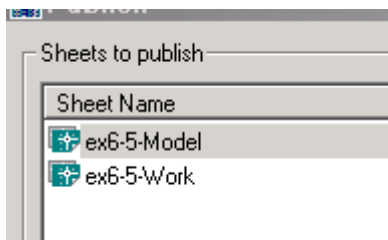
1. Open *ex6-5.dwg* or the file you wish to publish.

2.



Go to **File**→**Publish**.

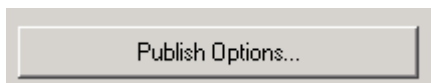
3.



Select the sheet you wish to publish.

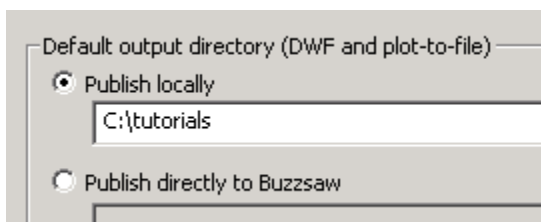
Highlight **ex6-5 Model** to select this sheet.

4.



Select the **Publish Options** button.

5.

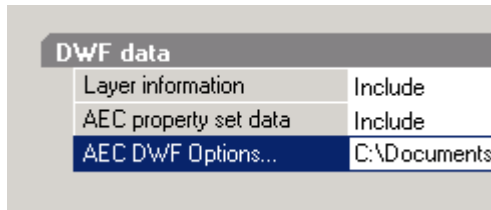


Locate the folder where you want to store your DWF file.

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6.



Under DWF data, set to **Include** the Layer Information and the AEC property set data.

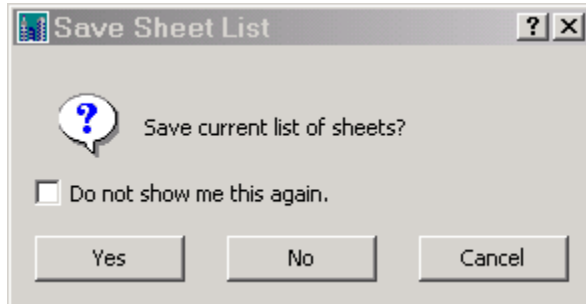
Press **OK**.

7.



Select **Publish**.

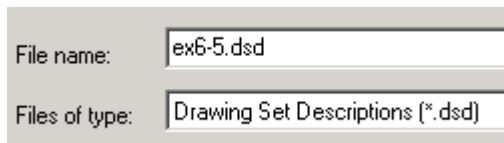
8.



Press **No**.

If you think you will be republishing this file on a regular basis, you can save the set-up, so you don't have to reinvent the wheel each time. If this is the case, you can select **Yes**.

9.



You will be asked to save the drawing set description to a location.

Press **Save**.

10.



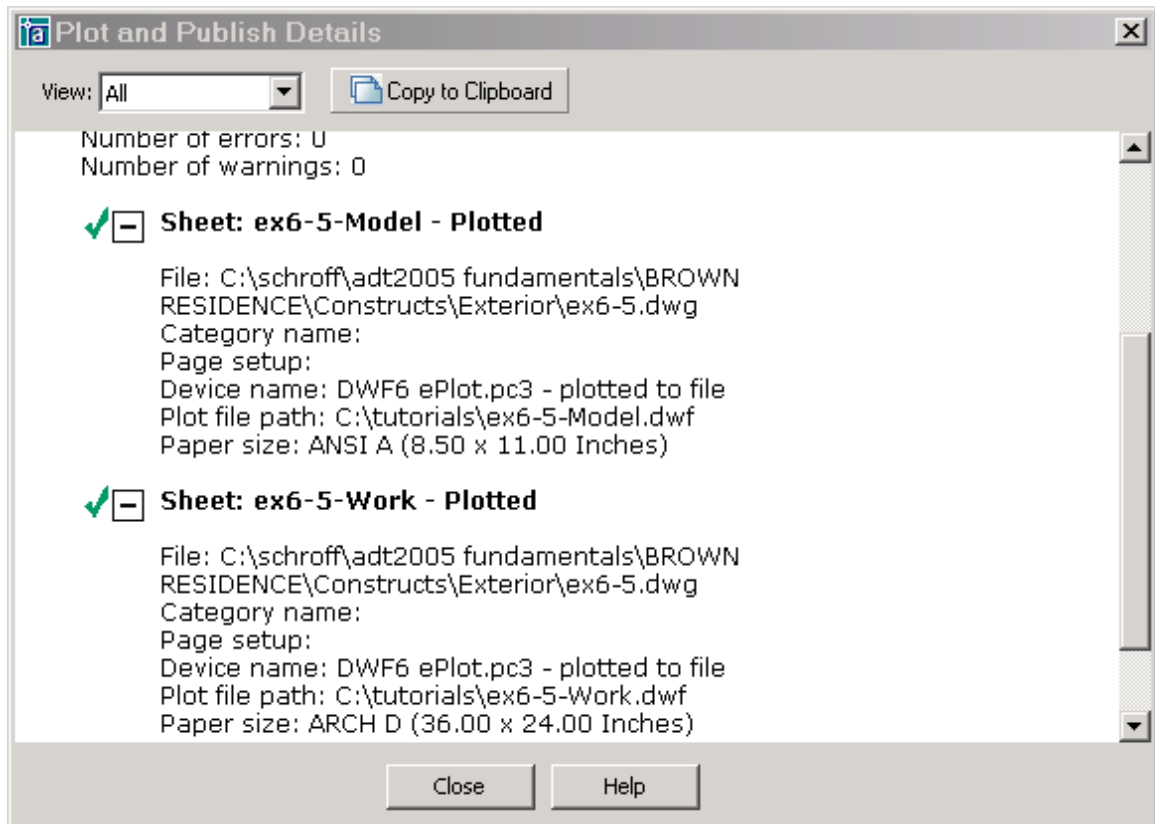
A message balloon will appear when the file is created and ready for viewing.

Select the link.

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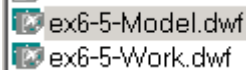
11.



A report is available showing exactly what was included in your DWF file.

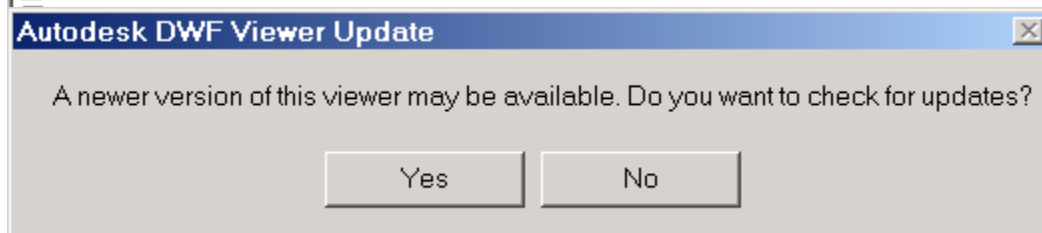
Press **Close**.

12.



Locate the dwf files you created.
Double click on *ex6-5-Model.dwf*.

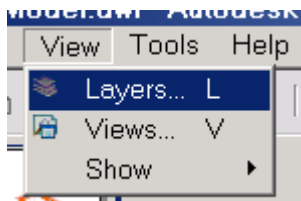
13.



You may be prompted to check for a newer update of the viewer.

Remember the viewer is free, so if you want to select Yes and download the latest version of the viewer, you can do so. You need to have an active Internet connection to complete the download.

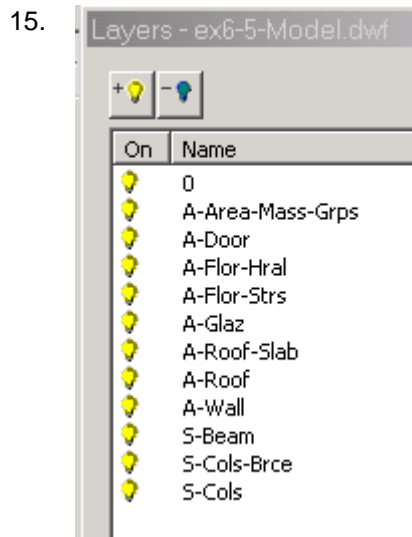
14.



Go to **View**→**Layers**.

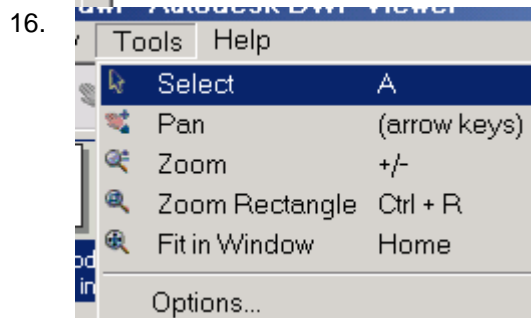
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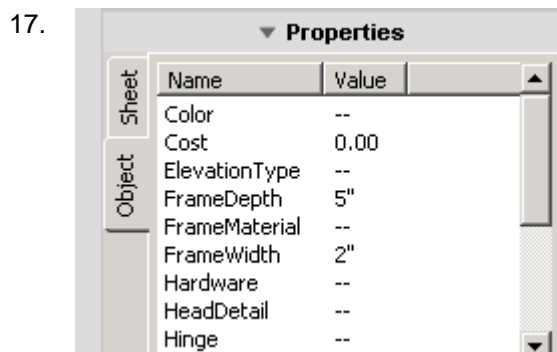
The list of available layers is displayed.

You can turn on/off the visibility of any or all of the layers by picking on the lightbulb.



Go to **Tools**→**Select**.

Pick one of the windows.



If you look in the Properties pane, you can see information about the selected window. The data is based on whatever the user entered for the Property data set for that object.

18. Close the dwf file.

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Exercise X-2:

Adding a DWF to a Powerpoint

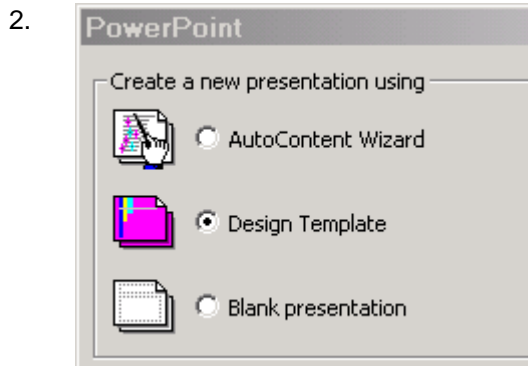
Drawing Name: ex6-5-Model.dwf, Powerpoint

Estimated Time: 20 minutes

This exercise reinforces the following skills:

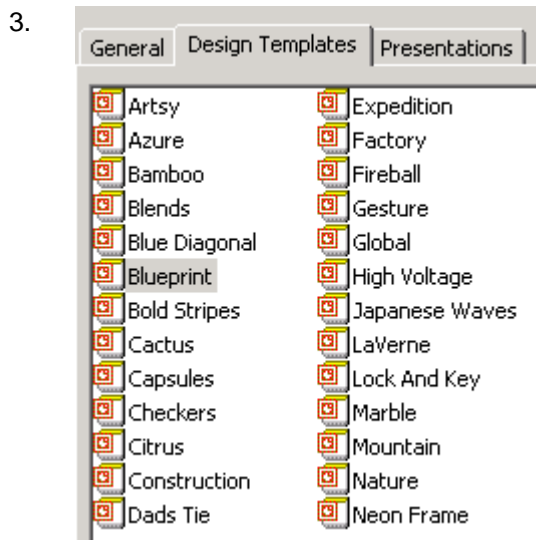
- DWF
- PowerPoint

1. Launch PowerPoint.



Enable **Design Template**.

Press **OK**.



Select the **Blueprint** template.

Press **OK**.

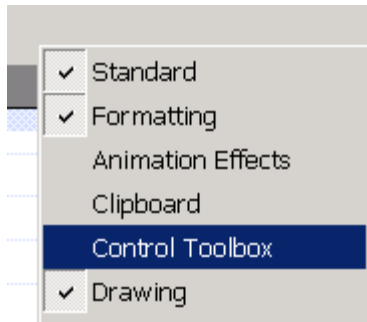


Select the Blank page and press **OK**.

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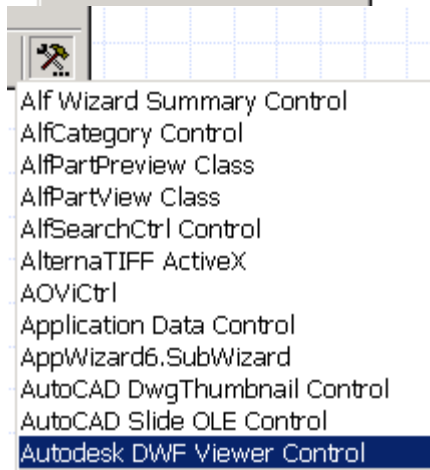
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5.



Right click on a gray area of the toolbar.
Enable the **Control Toolbox**.

6.



Under the More Controls dropdown list,
select the **Autodesk DWF Viewer Control**.

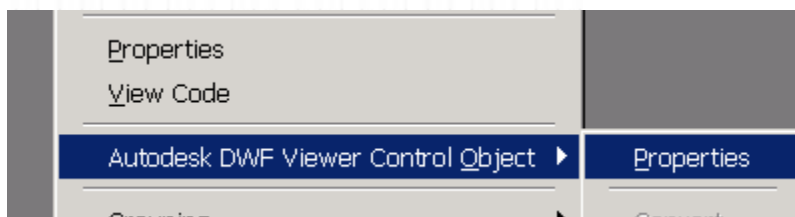
7.



Drag a rectangle onto your sheet to
locate your control.

You can resize it and position it on the
sheet using the grips.

8.



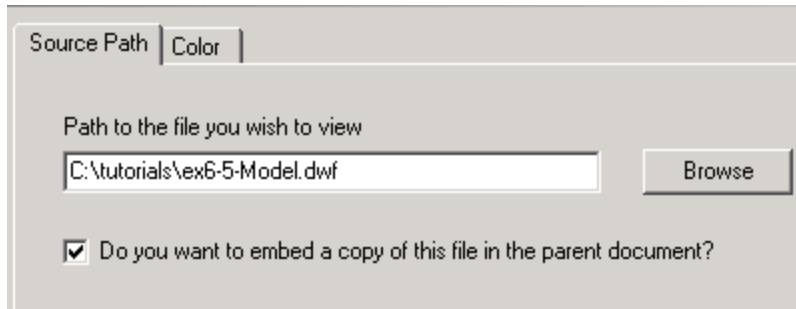
Place your cursor over the DWF icon.

Right click and select **Autodesk DWF Viewer Control Object**→**Properties**.

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9.



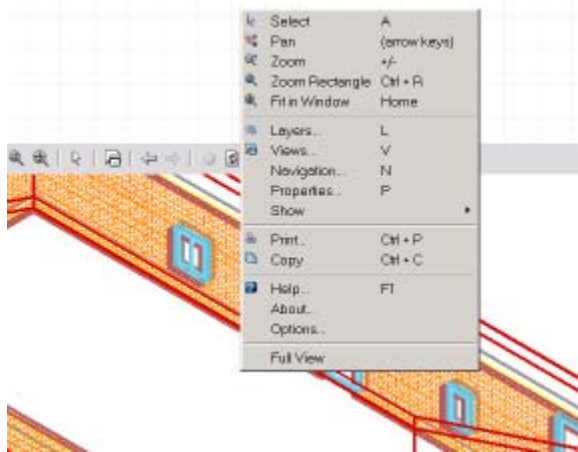
Browse to the location of the dwf file you created.

Enable the *Do you want to embed a copy of the file in the parent document?* Option.

Press **OK**.

10. Run the slide show and your DWF will be activated.

11.



If you right click in the DWF area, you will have a short cut menu available to you.

12. Save your Powerpoint file.



TIP: There is a bug in the DWF Viewer control. If you are using Windows XP and Powerpoint XP, you can insert the DWF object using the **Insert→Object** menu. If you are using a different version of Windows and Windows Office, you need to use the More Controls method outlined in the exercise.