Standard Practices for Dampers

Standard Engineering Practices

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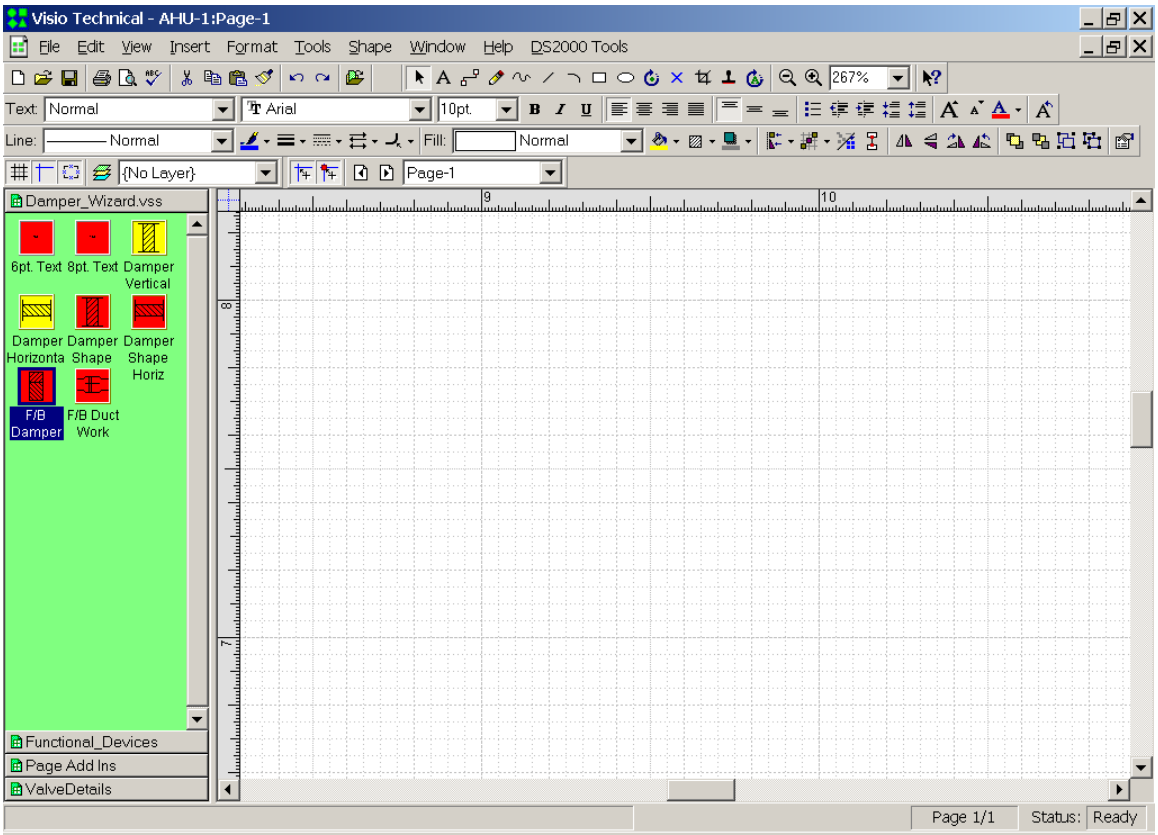
Supersedes:

Much like the Valves, there are 2 procedures for creating dampers schedules and 2 types of shapes that can be brought onto a drawing.

The first procedure which was the original procedure released with the software requires that you bring one of the 2 yellow smart shapes found in the "Damper_Wizard" stencil on to your drawing.



When you bring these shapes onto your drawing, you are actually populating your drawing and project with dampers that are added to your material inventory. When you complete **all** your systems(AHUs etc), you create your Damper Schedule by going to your Project Explorer, and selecting "Create Damper Schedule". This feature will inventory all the dampers brought onto drawings, and create a Damper Schedule.

Many of the same issues that occur when using the original Valve Wizard discussed in the Valve practices, occur with the dampers.

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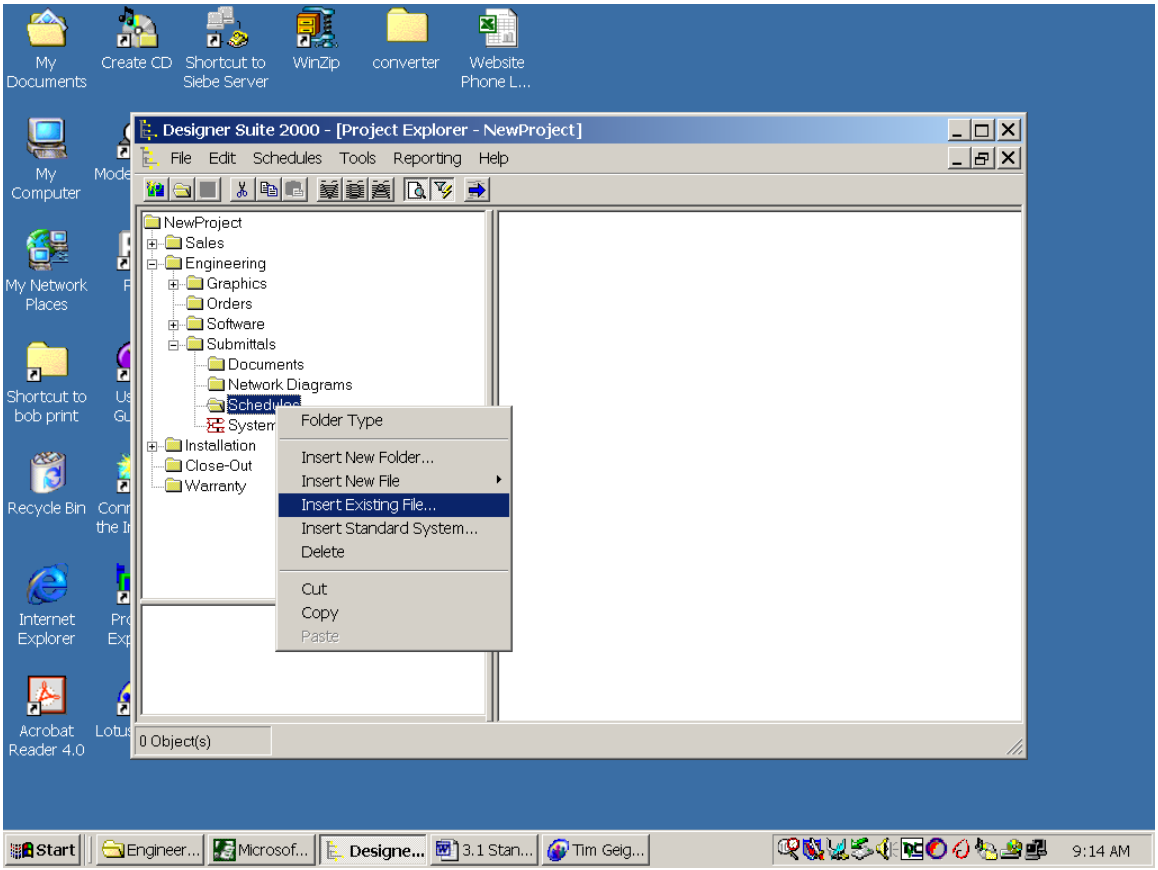
Instead of using the original procedure **the Invensys Field Offices will use the following Procedure:**

Create your Damper schedule by inserting an existing file under your "Schedules" folder.



To retrieve the file look in:
Program Files/Designer Suite 2000/Templates/Spreadsheets/dampschda

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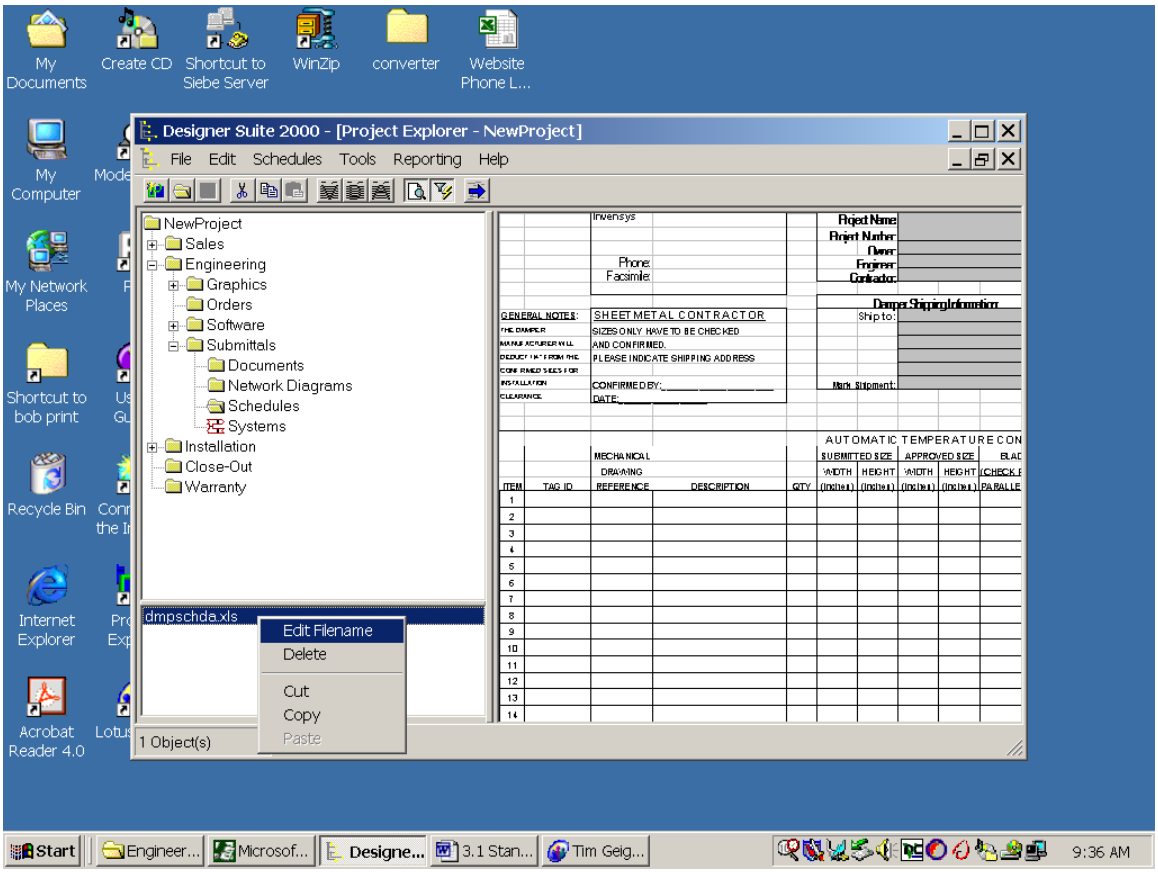

Once you insert the template into your project, you can edit the filename and rename.

This damper schedule is to be filled out manually. This will allow flexibility that was not available in the original Damper Schedule Wizard.

Your dampers will not become part of your material inventory. When you run a Total BOM for your project, they will not show up. It would be impossible to add all the different model numbers and sizes to the database.

Don't forget to add these to your SOCC engineered estimate! (They will not export to SOCC)

Don't forget to order them!

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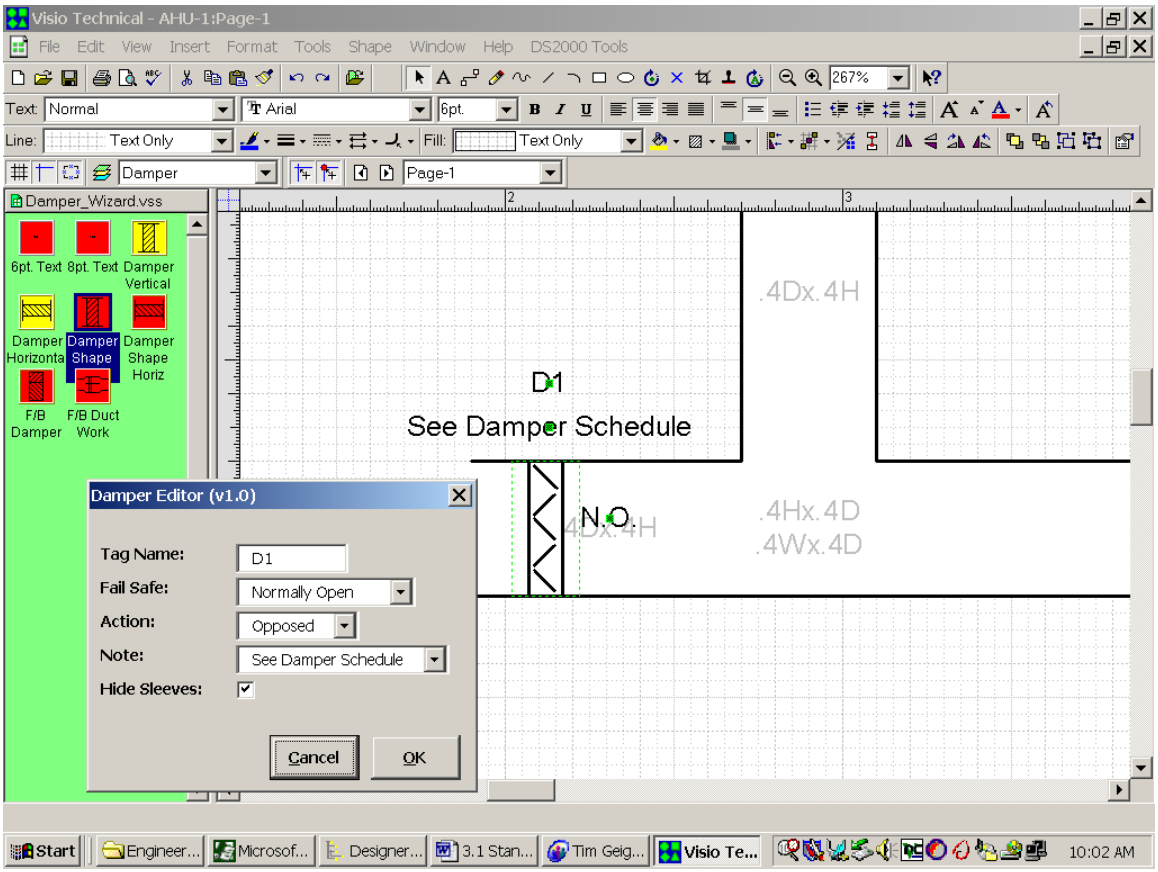
When creating your actual system diagram (AHU etc.) use the new red shapes located in the stencil "Damper_Wizard".



You have the ability to change some of the features of the damper.

Remember these dampers will not show up on the System BOM or the Total BOM.

As mentioned with the Valves, you can see the problems that would arise if you use both damper procedures on the same project. If you used a combination of the Yellow (Damper Vertical) shapes and the Red (Damper Shape Vert) shapes, then try to create a Damper Schedule with the original wizard, only the yellow dampers will show up.

Since your drawings will be able to be used by others, it is important that we all use the same method. When you use a AHU drawing from the Systems Library or you copy a drawing from another employee, it is important to know that the damper shapes all act the same.

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As part of the Standard Practices, **Invensys Field Offices will use the RED Damper shapes and manually enter dampers onto the Excel template.**

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