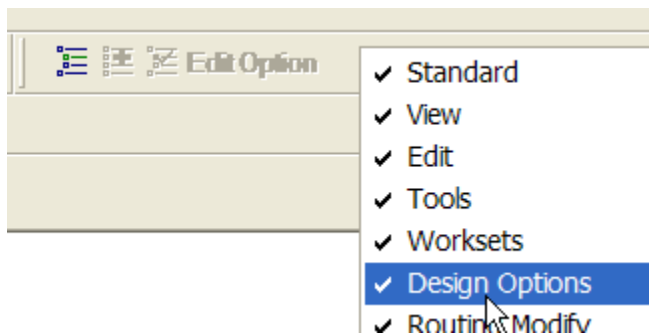

Autodesk Products Tip & Tricks

Product: Revit MEP 2009
Topic: Design Options Workflow for Revit MEP 2009
Written by: Emy McGann, BSD TE
Date: March 24, 2009

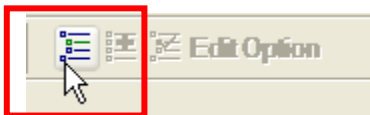
Revit MEP provides the user with a tool called Design Options. Design Options enables you to toggle the visibility of an alternate design of the project. For example, an architect may use design options to represent multiple variations of an entry or different finishes on a floor. The design options can be added at any point during the project. In Revit MEP 2009, there are expectations you should be aware of before using Design Options on a project. Please refer to the document ***Design Options with Revit MEP Expectations*** for a list of what to expect when using this tool. If you decide Design Options isn't the best tool for you to use for your project, please refer to the document ***Alternate Workflow to using Design Options with Revit MEP*** for the steps on how to link multiple projects together to represent the alternate designs of a project.

Below is the workflow to use Design Options in Revit MEP.

1. Ensure that the Design Options tool bar is turned on

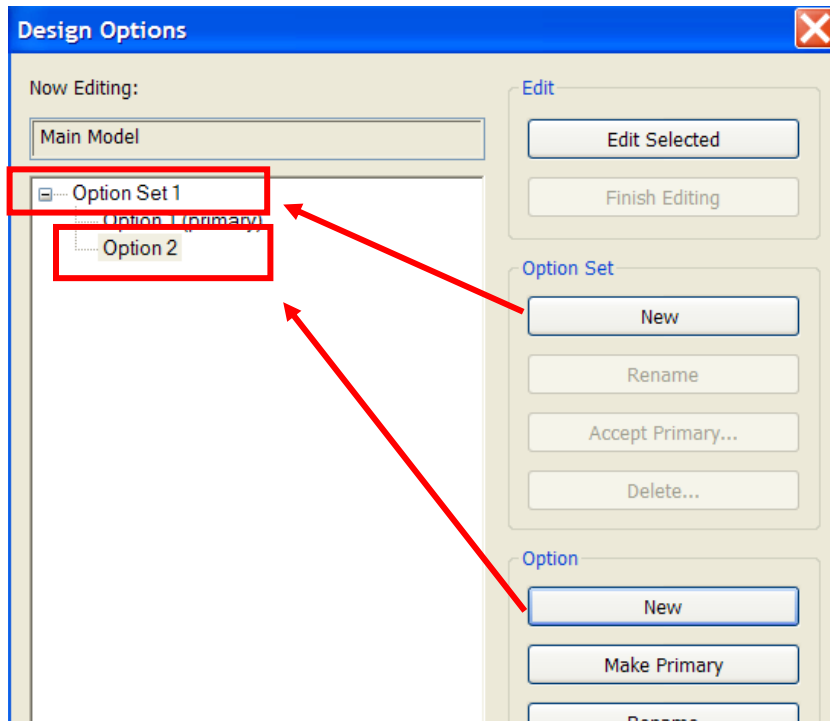


2. Select the Design Options Icon to open the Design Options dialog box



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3. Create a new Option Set and new Options

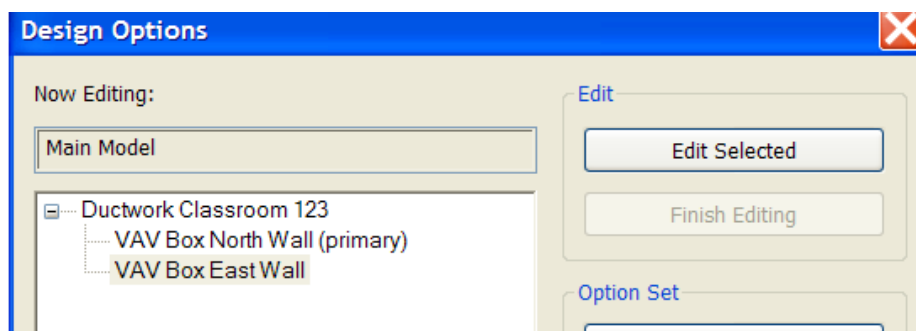


After creating a new Option Set, select it and rename it to a logical name.

i.e. Ductwork Classroom 123

Also rename the Options logically

i.e. VAV Box North Wall and VAV Box East Wall

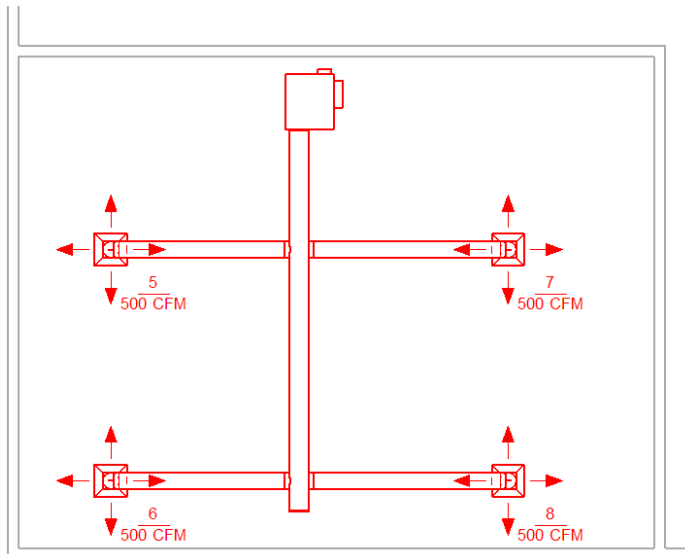


Select **Close** to close the dialog box

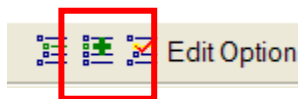
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4. If the ductwork/equipment has already been placed

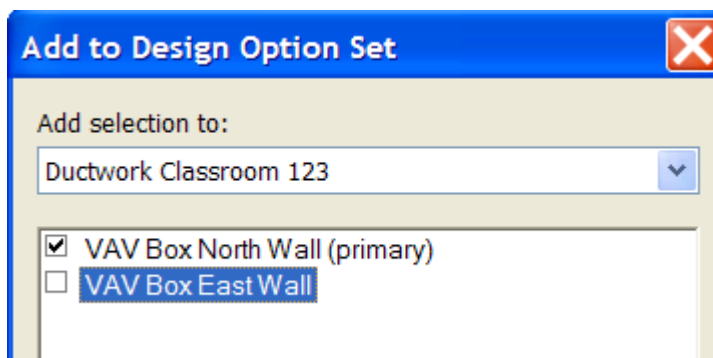
Select the ductwork/equipment



On the Design Options Toolbar select **Add to Design Options Set**

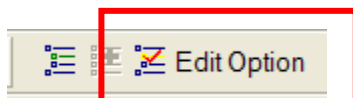


And choose the appropriate option to add the ductwork/equipment to

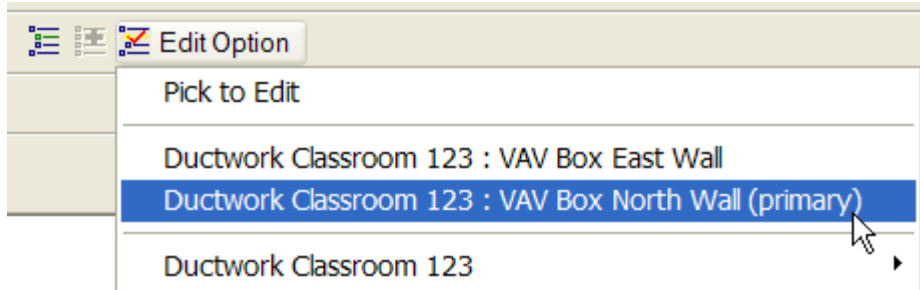


5. Notice you cannot edit or modify the ductwork/equipment once added to a design option.

To do so select the **Edit Option** icon on the Design Options toolbar

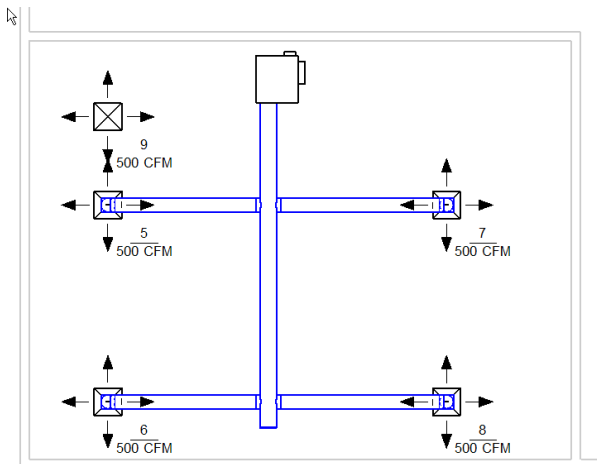


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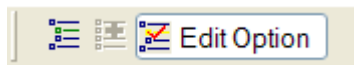


Note: Anything that you add in the model while in the “Edit Option” mode will be placed on that design option.

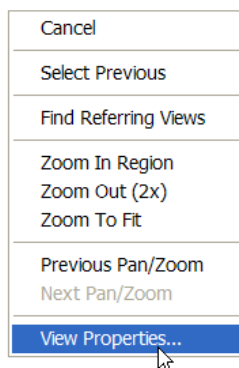
i.e. this air terminal is now part of the VAV Box North Wall design option



To end the **Edit Option** mode select the Edit Option icon on the tool bar again

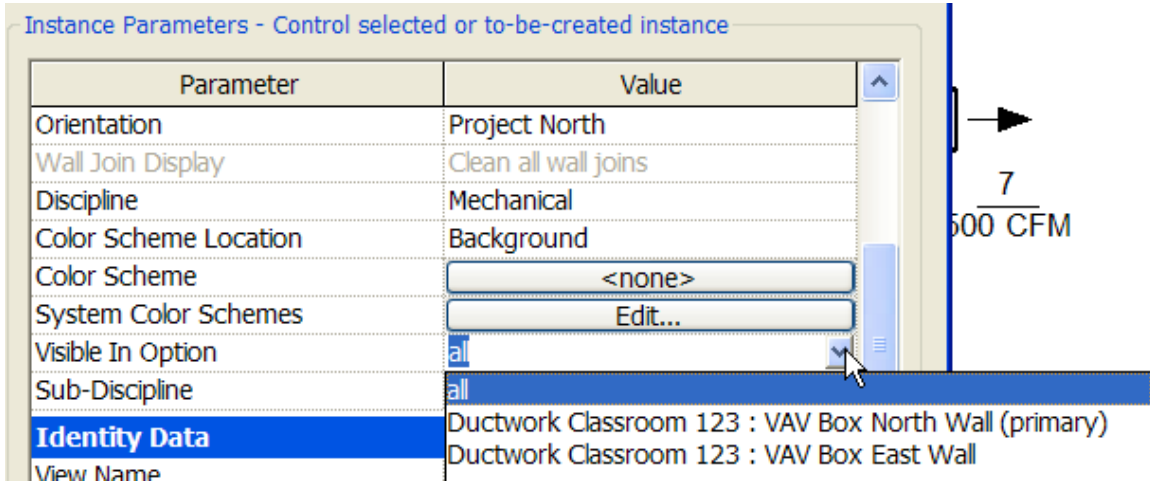


6. To display the different design options in a view right-click in the view and choose **View Properties**

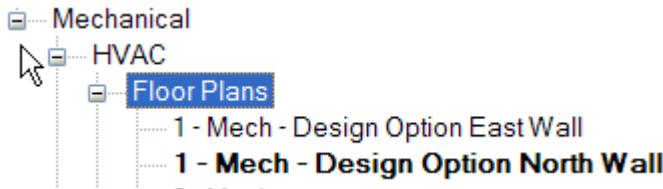


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For the Parameter **Visible in Option** choose the Design option you want to display in the view



Note: You can have multiple views that display each design option



- If you have multiple design options that you want to display you can also toggle different design options on thru the **Visibility Graphics** Dialog box

