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## Revit design options youtube

See More See Less Can't Retrieve Content Unable to Retrieve Content Table View original X products and versions covered by Revit 2019 by: Help to use in the product Use design options to explore alternative designs in the construction model. You can develop multiple options for different parts of the model, all within the same project. Manage the design programs tab (Design Options) For example, you can use design options to view different roof styles and different front entries in the same building model. Products and versions are covered Revit 2019 By: Help in Product View A Design Set of Options is a collection of possible solutions for a specific design issue. Each set of design options contains one main option and one or more secondary options. For example, you can create one set of design options to display different projects for building logon. You can create another design option set for alternative roof configurations. Each set of design options contains one main option and one or more secondary options. Video: Setting design options To create a set of design options Click Manage tabDesign panel (Design Options). In the Design Options dialog box, under Option Set, click New. By default, Revit names the new option set 1 and creates a primary option in the set. To rename the option set, select the name of the option set, and under Option Set, click Rename. Enter a name and press OK. To rename the main option, select its name, and under Option, click Rename. Enter a name and press OK. Now you can edit the basic design option to add items to it and create secondary options for the design option set. See Edit design option and Add one or more secondary design options. By default, project views show the primary model with the primary option for each set. If you want project views to show only the basic model without design options, see View basic model without design options. To see a list of design option sets and design options defined for a project, click the Design Options drop-down list on the status bar. Customers like to have a choice. We often need to provide several design options for the customer to consider and decide. This is great for the customer, but extra work for us! If we used AutoCAD, we could simply copy the design and change it as needed. But in Revit you can not really copy and change the model unless you want to create a new file (which would be pain!). Fortunately for us, Revit Design Options is a feature that is quite awesome. Many users with the design options, but they are quite clear once you get them. In this blog post I will try to explain Revit Design Options with a real example of life. Working with Revit Design Options In this example, we have a parapet clamp structure with reid clamps (steel rod) Cross-blank. We want to provide a second option using the (as shown in the upper tanna). Option 1 – Reid Cross-Bracing So the first thing we need to do is create a set of design options. On the Manage tab, click Design Options. This will result in the Design Options dialog box. Here we can see the only thing we can do is create a new set of options. Rename your option set to something that applies to what you designed. I will call our set railing clamp, then we need to create the options. We offer two options to the customer, one with Reid Cross-Bracing – and the other with 75EA10 solidifying. One option should be listed as an option for a basic (or default) design. The first option created is the default option, but you can easily change this by selecting an option, and then clicking Create Primary. Now that we have created a set of option options, we can start adding items to them. Each element of the model already has a Design Option parameter that indicates which option it belongs to. Everything will be on the main model unless you add it to an option. To add model elements to an option, just select this item &gt; Click the Manage tab &gt; Then click Add to Set. In our example, I will select all Reid Brace then add to both design options: Now you may notice that you can not select the items after you have added them to an option. This is because you can select only items that belong to the Active Design option. If you look down in the lower-right corner of the screen, you'll see a drop-down list showing the Active Design option. You can change this by selecting from the drop-down menu. What we need to do now is create views to show our different design capabilities. Just duplicate the original view, then in visibility graphics under Design Options, select the option you want to display. In our example, we duplicate the Reid Brace 1 option, then select the 75EA10 option in the visibility schedule. Next, we need to make the 75EA10 active design option from the drop-down menu: Now we just change the view as needed. I'm changing part of Reed Scoe to 75-10 and deleting the unnecessary Reed Brace and the clutches. Note Reid brace is still visible in reid Brace option and basic model, I only deleted it in 75EA10 option. Now I have two views showing the two design options: Option 2 75EA10 Brace on the left - Option 1 Reid Brace on the right Revit Design Options are a great way to create and view different options within the Revit model. It can be a little confusing, but the main things to remember are: To add model elements to an option, select the items &gt; Click Manage tab&gt; Then on Add to Set You can select and edit only items that belong to the Active Design option. You can control which design options you see in each view using visibility graphics. If you have any questions or have a few more tips for working with Design Options, please comment below! If you have found this post useful, please feel free to share it. - Talk soon P.S - I would like to contact you on Twitter: here join the tribe and subscribe! In this blog I will explain Revit design options and how they work. Design options allow you to create and manage multiple designs within the same project. With Design Options in Revit, you can create multiple options within the same space without conflicting them with each other. Design options can be anything from furniture layouts in existing spaces, to deciding room sizes and wall placements or to anything where you may want to have more than one option. Setting design optionsAs mentioned design option allows you to design multiple options in the same space. Let's look at an example. Below I have an empty room from which I want to create two classrooms: This is my existing project, but now I want to create my first option. To create a design option, I first go to the Manage tab in my ribbon and find the Design Options section: From here I can click on the Design Options button to manage design options or from the drop-down menu I can choose which Design Option I'm working on the project. Until I create some design options, this will be set as the Main Model. I'll go on and click the Design Options button. Now I get the following window: On the right, I have a tab for Option Set and option. • Option set – this allows me to create a new group of design options. In this case, it will be the classroom, but this is usually in which area of the project you create multiple options. I can create more than one set of options, as well as the classroom. In this example, I may have asked for design options for a reception, a children's playground or a staff room. • Option – After I have created a set of options, I can create my options in this set. In this example, my option set is Classroom, but then I can have several options such as option 1, option 2, etc. Creating the first option that we have our design setup options we will design our first option. On the Manage tab on the Design Options tab, I'll select Option 1 from the drop-down menu. With this set of option 1, everything I now create on my project will exist only in option 1 and is not part of the basic model. As you can see, I designed my first classroom layout option. The main project is blue and I can only edit anything created under option 1. Then I'll move on to option 2. You'll notice that everything created under option 1 is gone. This is because these projects exist only on a given option and are not part of the main project. I have already designed option 2: Now I continue to create as many Design Options as it is Choosing to go with a design optionYou may have noticed that design options is set as basic. There should always be a basic option, and this is the option you will most likely go with. Once you have chosen a design option and are happy to move it to the main model, we just need to accept it. From the Design Option window, set the desired option as Primary, then from the Option Set menu on the right, tap Accept Primary. When you do this, all other options will be deleted, so make sure you want to accept a design option. When you do this, all the elements in this Design Option will become part of your basic model. Conclusion Greetings! Now you know what a design option is and how it works. Design options are really useful for early designs, where the customer is open to what they would like. This allows you to continue designing the basic model without the need to create multiple Revit projects Once accepted, a design option can be added with just a few clicks. Click here to see all our blog posts

