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Design options means to have various alternatives for design in a particular project for e.g. the entrance of a building can be arranged with different design options. Thus to get different alternatives for design is the main concern of using design options in revit. One can provide as many as options as per clients requirement. Design option arises anxiety in designers as well as in client's mind that how building will look like after providing different design options.

Revit has excellent features of providing design options and you can find this by going in Revit ribbon tool and further into design option panel. One can provide design options for any part of project for example entrance, roof, lobby etc. and it also depends on clients need. Using design options in Revit is a simpler task of providing small scope design options because very few portions of project are to be edited. But for large scope of designing it becomes a complex task as most of the parts of project are to be edited accordingly. For example suppose to provide design option for entrance it may be circular shaped entrance or spiral shaped depending upon the clients need.

Thus to provide such design options only entrance part is taken into consideration or else maximum wall connecting the entrance. Otherwise all the parts of projects remains the same as existing.

Steps - Working with Revit Design Options:

a) We can easily go to design option from manage tool from left top corner by clicking "Design Options".

b) By clicking design option menu, you can see design option panel window on screen. This design panel window consists of three options on the right side which are "Edit", "Option Set" and

1) Edit: This function is only used after creating various design options. Edit is mainly used for editing of created design options. Thus it is of no use while providing design options for the first time.

2) Option Set: It enables us to define the portion where to actually provide design options. It means we can select different parts of project where we have to provide different design options for example Entrance, lobby, kitchen area, roof etc. All these parts are to be managed by using function "Option Set". We can go to "New" in option set for adding or providing design options for the first time.

3) Option: This function actually means the sub design option for a single above "Option Set" there may be various options named as design option1, design option2 accordingly. Consider an example in which let entrance be option set having two different sub design options for arch shaped entrance and spiral type entrance which can be included in "option tool". Thus option set and option in design option manager can be compared with child parent relationship.

After completion of providing design option one should move on to the main model in revit. All the parts of project except where design options are provided remain fixed or constant in main model. Fewer parts of project will change accordingly as we vary design options in it.

Finally we can edit the created design options by going into edit tool in design options manager panel window. In this way we can use design options in revit.

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