

SheetGen

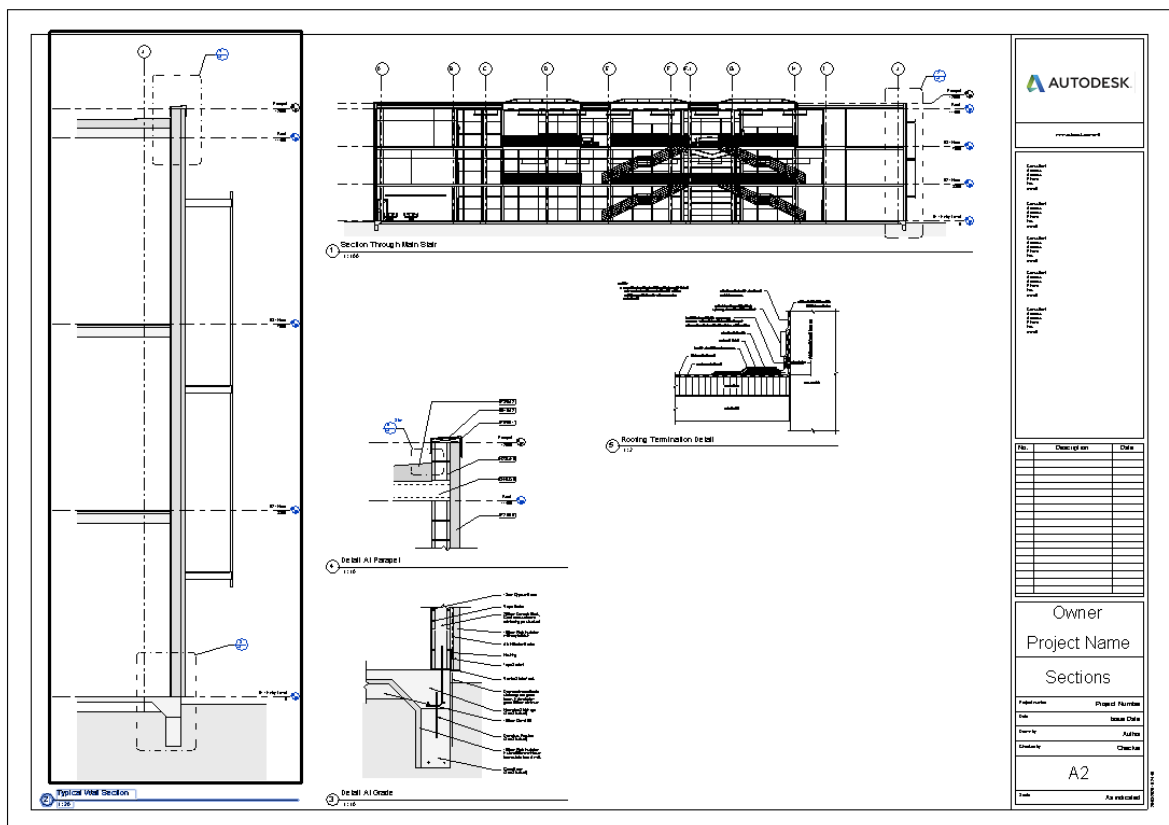
How it works.

SheetGen is a Revit add-in that allows you to create multiple Drawings Sheets, place Views based on a pre-defined template, and easily manage Drawing Sheet Revisions.

How to use it.

Creating a Sheet Template

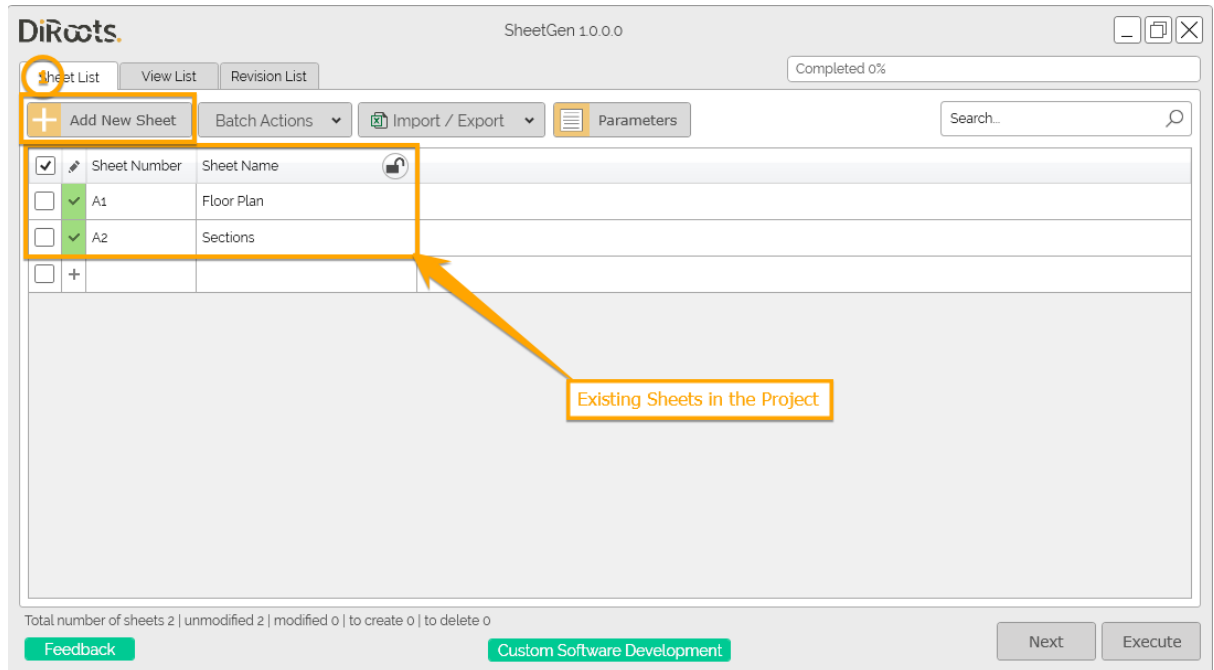
The first step is to create one or several Sheet Templates that will be used to generate the new Drawing Sheets and later place the desired Views on them. A Sheet template is simply a Sheet with some views in place.



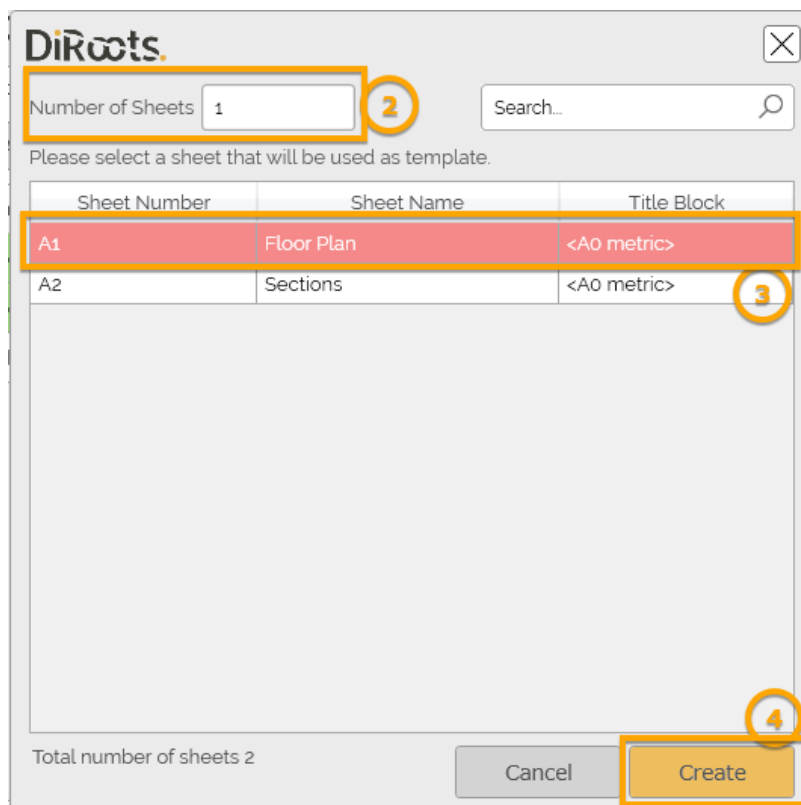
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Creating Sheets

1. Click on the “Add New Sheet” button

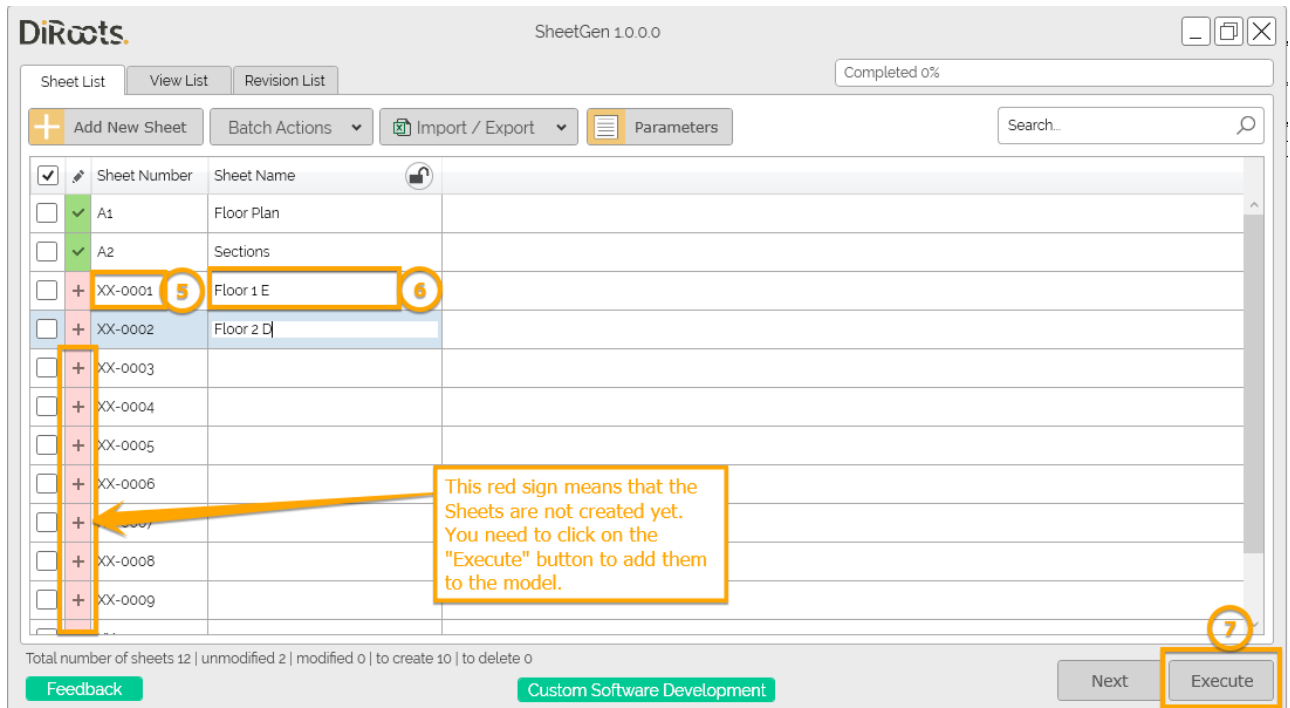


2. Choose the number of Sheets you want to create
3. Pick a Sheet Template
4. Click on the ‘Create’



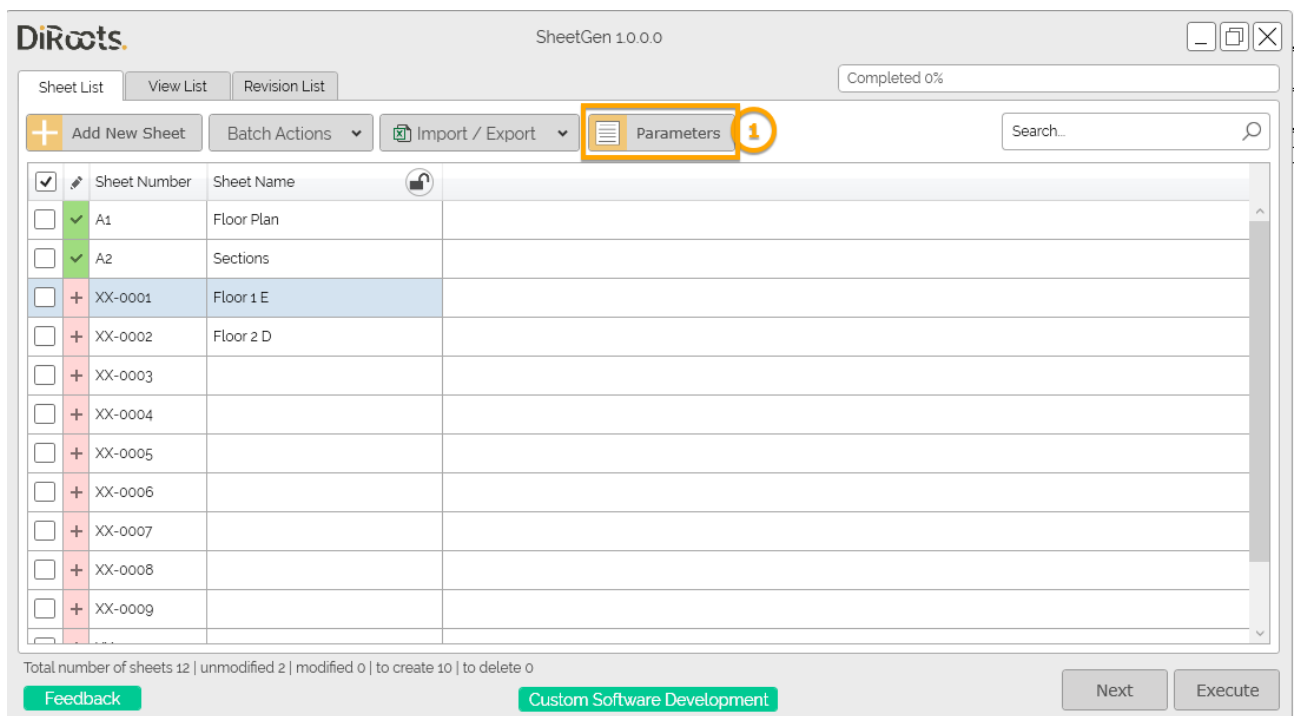
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5. Double-click to edit the Sheet Number
6. Double-click to edit the Sheet Name
7. Click on the 'Execute' button to add the Sheets to the model



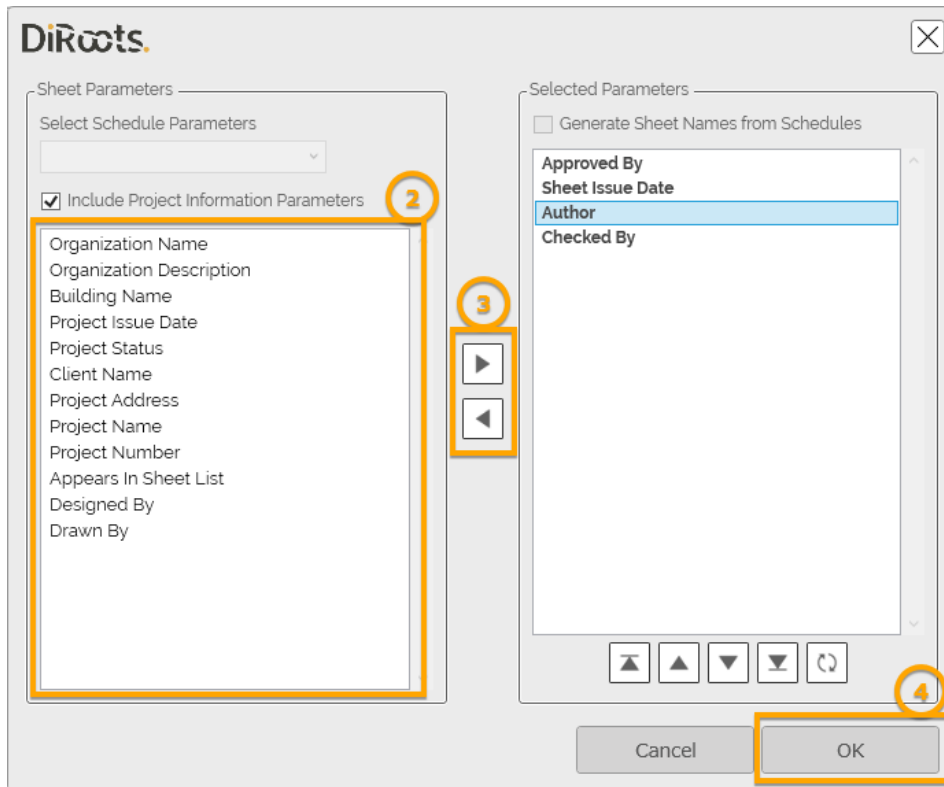
Managing Sheet Parameters

1. Click on the "Parameters" button

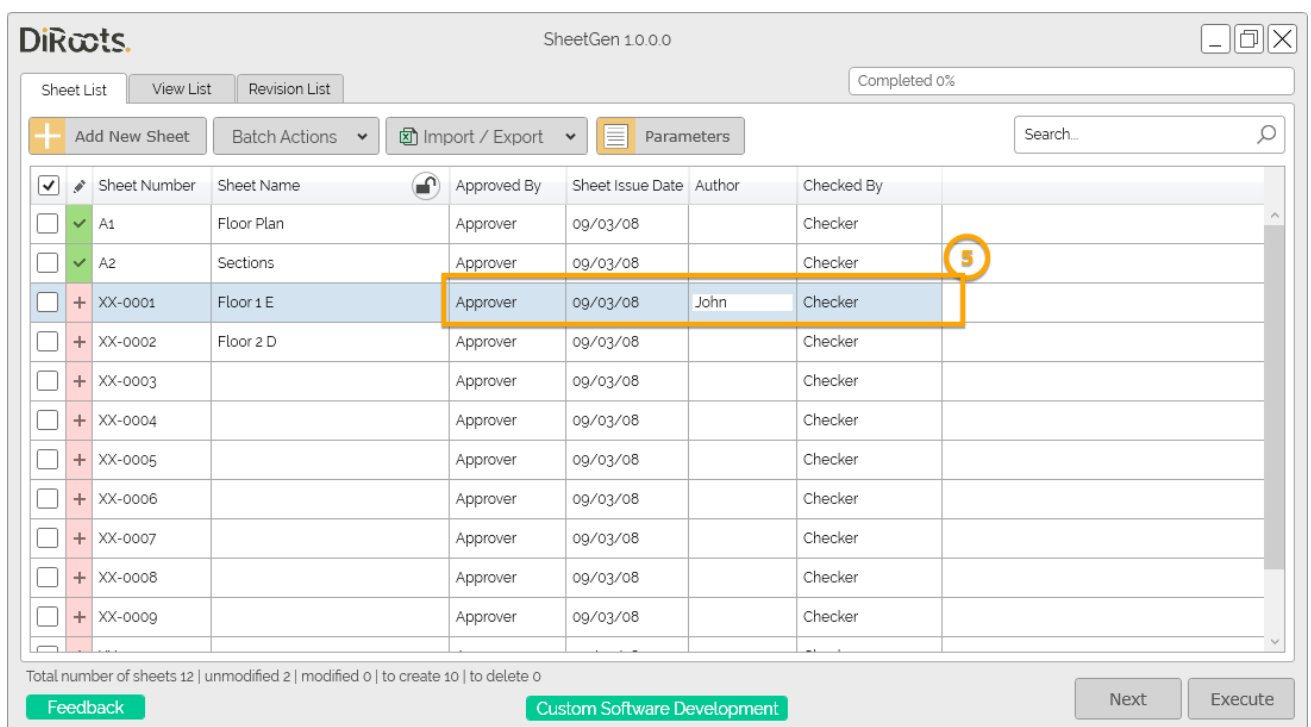


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2. Pick the Revit project Parameters you want to add/edit from the list
3. Use the arrows to add or remove them
4. Click on the 'OK' button



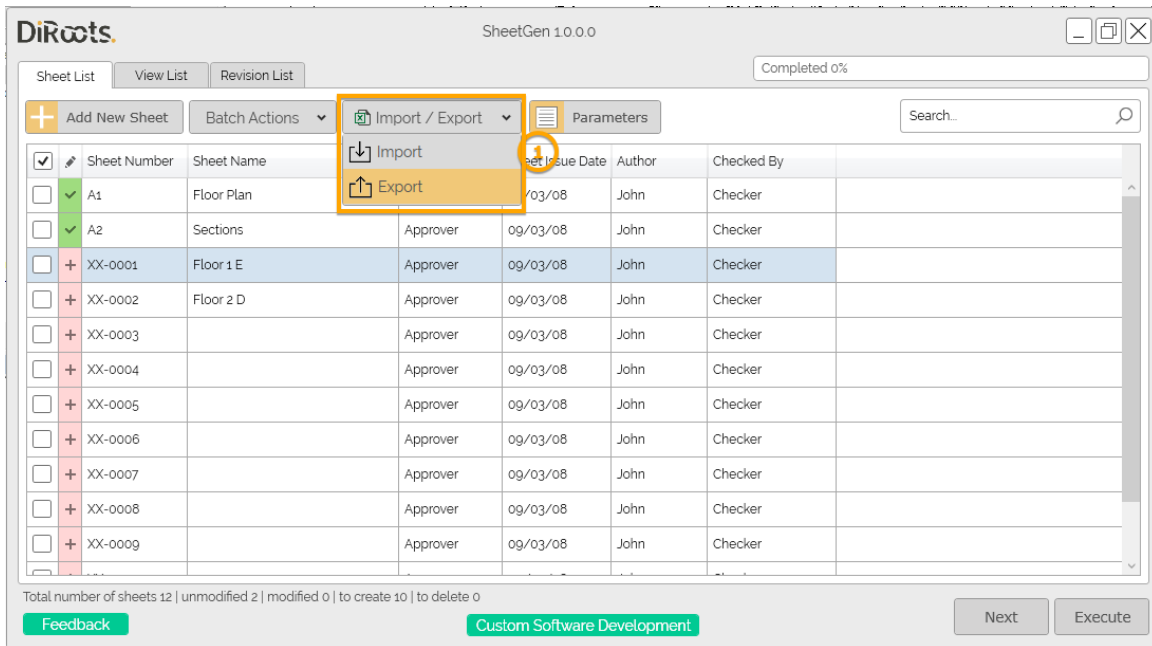
5. Double-click on the Parameters to start editing them



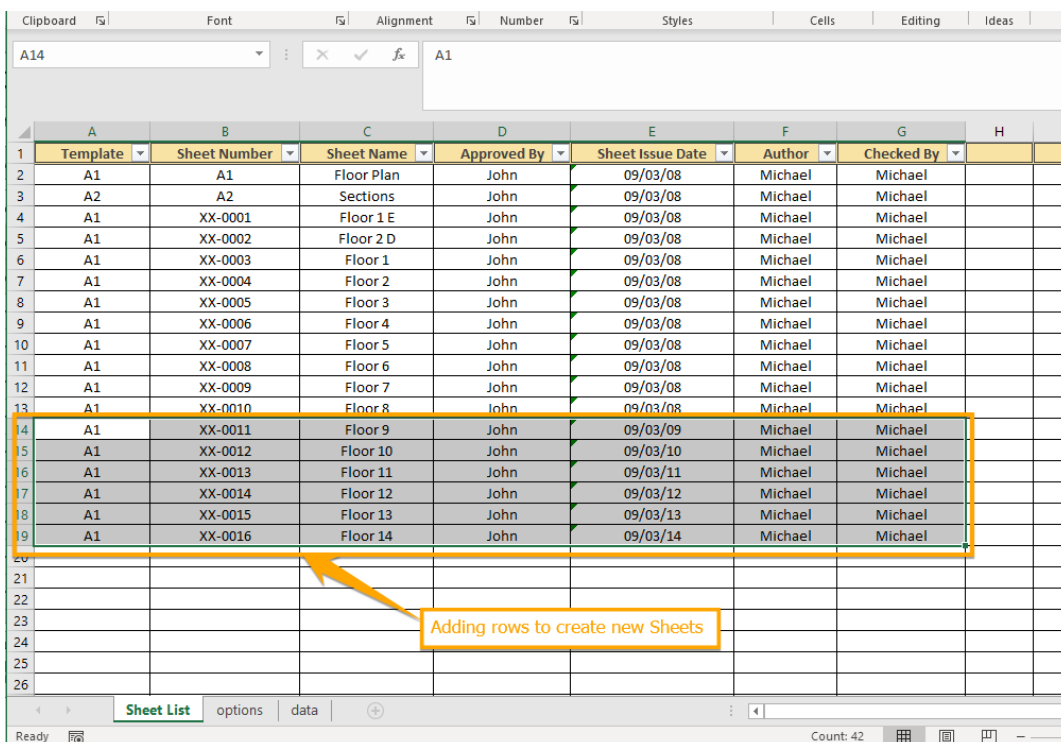
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What if you want to create several Sheets? Numbering, naming, and changing parameters one by one sounds like a very time-consuming process, are we right? So let's see to do it using excel.

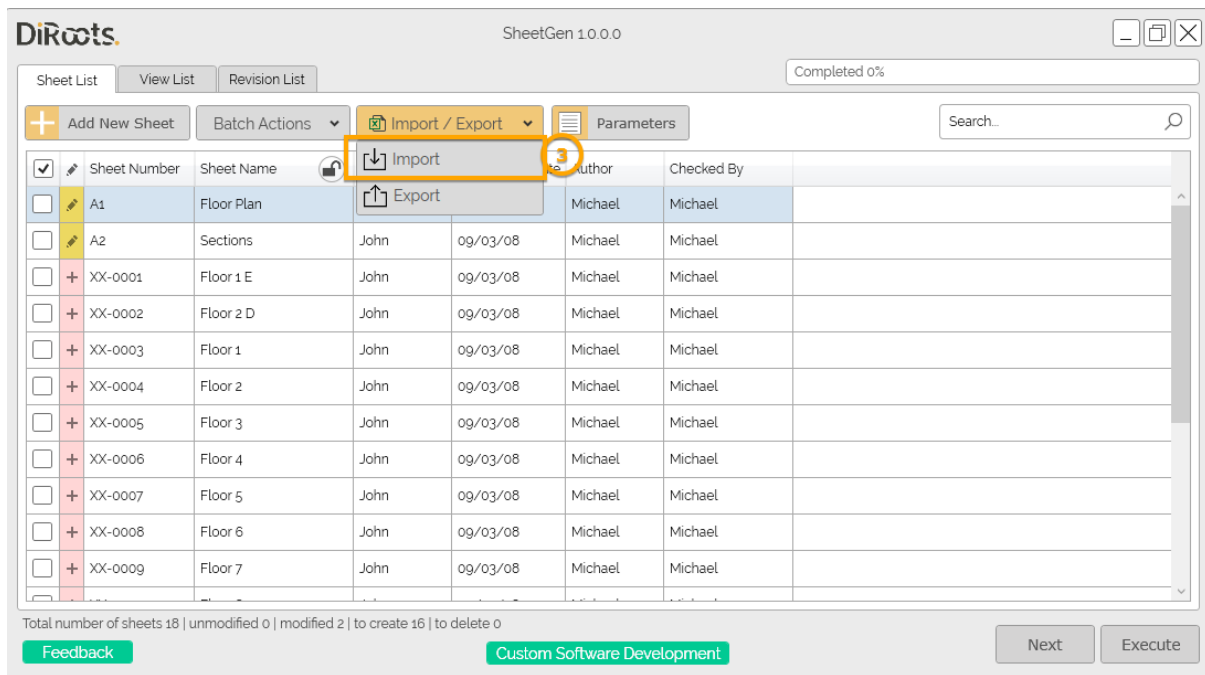
1. Click on the 'Import/Export' dropdown and then click on the 'Export' option



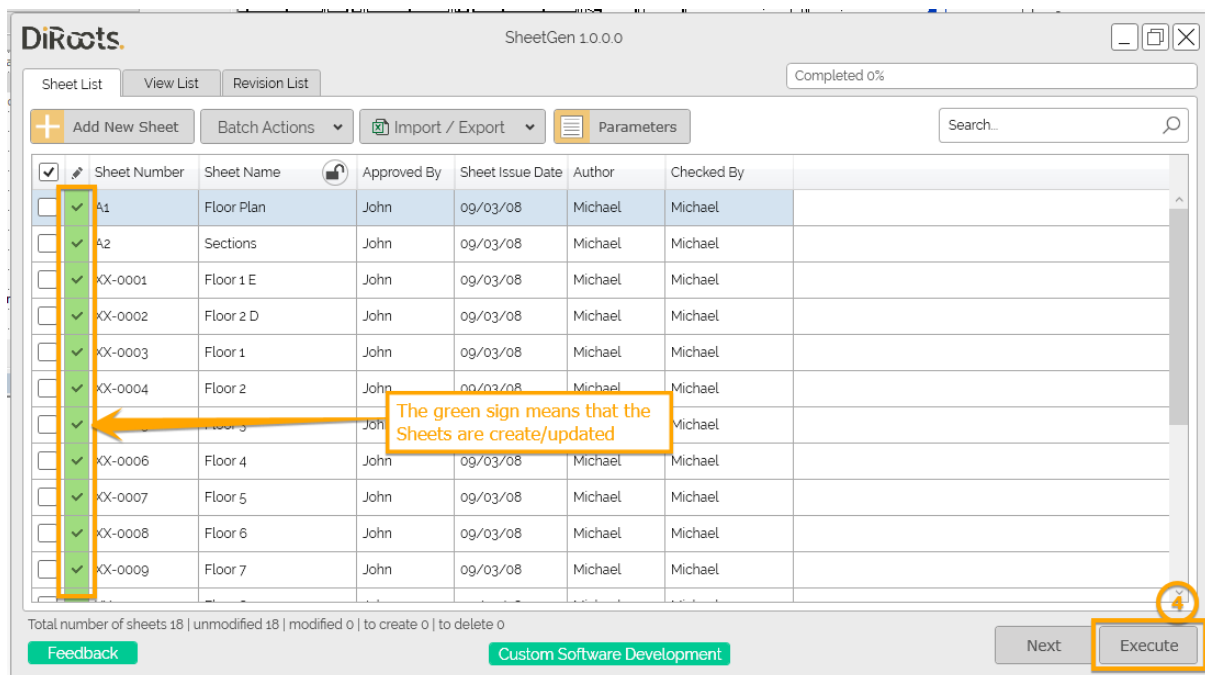
2. Open the spreadsheet to edit the data. You can also add new rows to create new Sheets (note: the Template and Sheet Number **must be filled** before importing back).



3. Import the data back to Revit



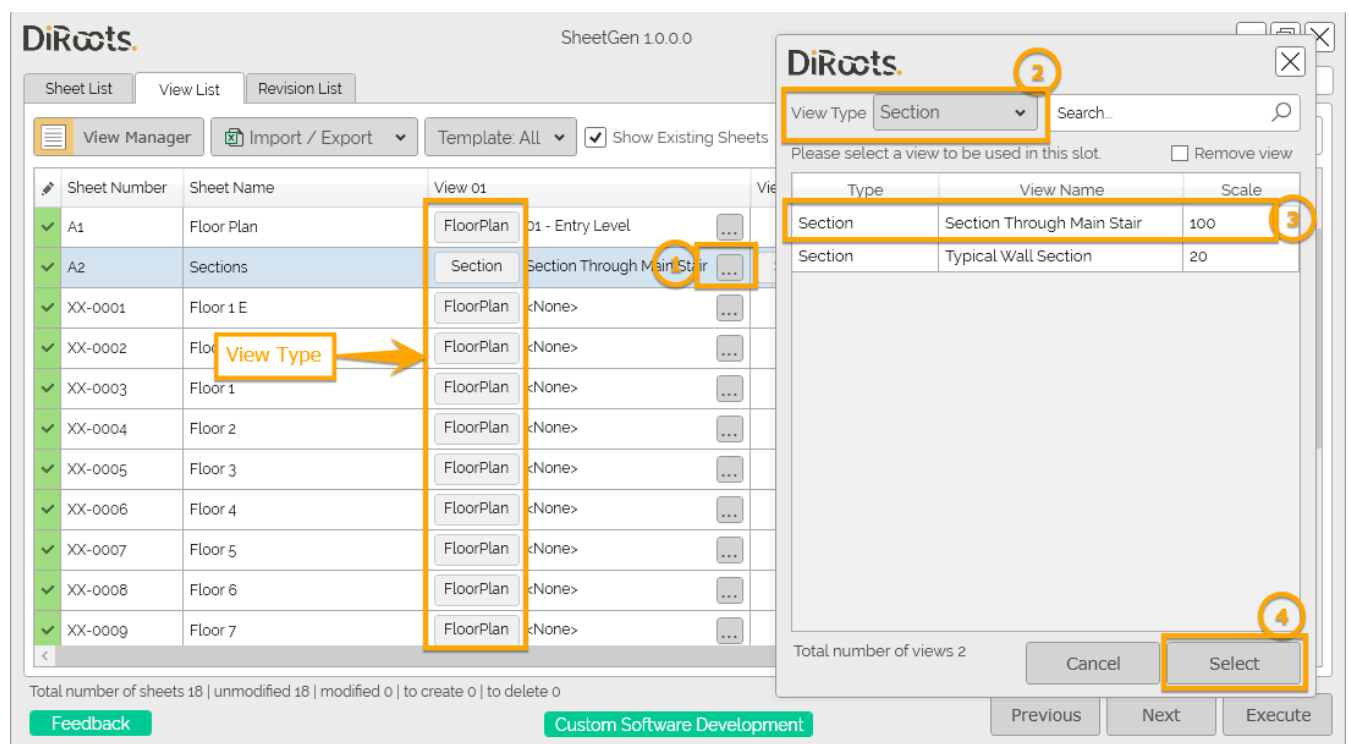
4. Click on the 'Execute' button to create/update the Sheets



Placing Views on Sheets

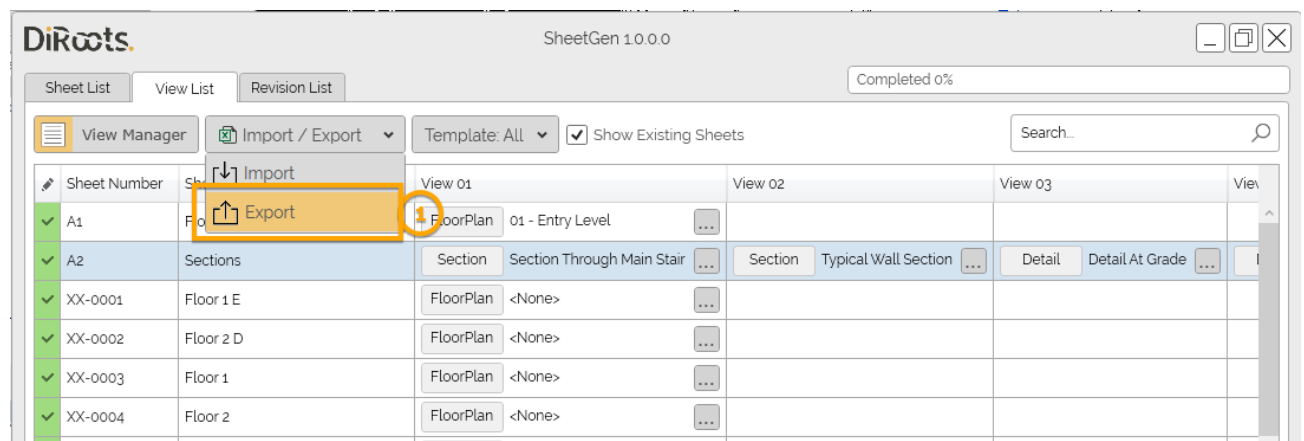
SheetGen allows you to easily place your Views on the Sheets based on the previously selected template(s).

1. Click on the ‘...’ button to place/edit the View
2. Filter the Views List by Type
3. Pick a View to put it in place
4. Click on the ‘Select’ button



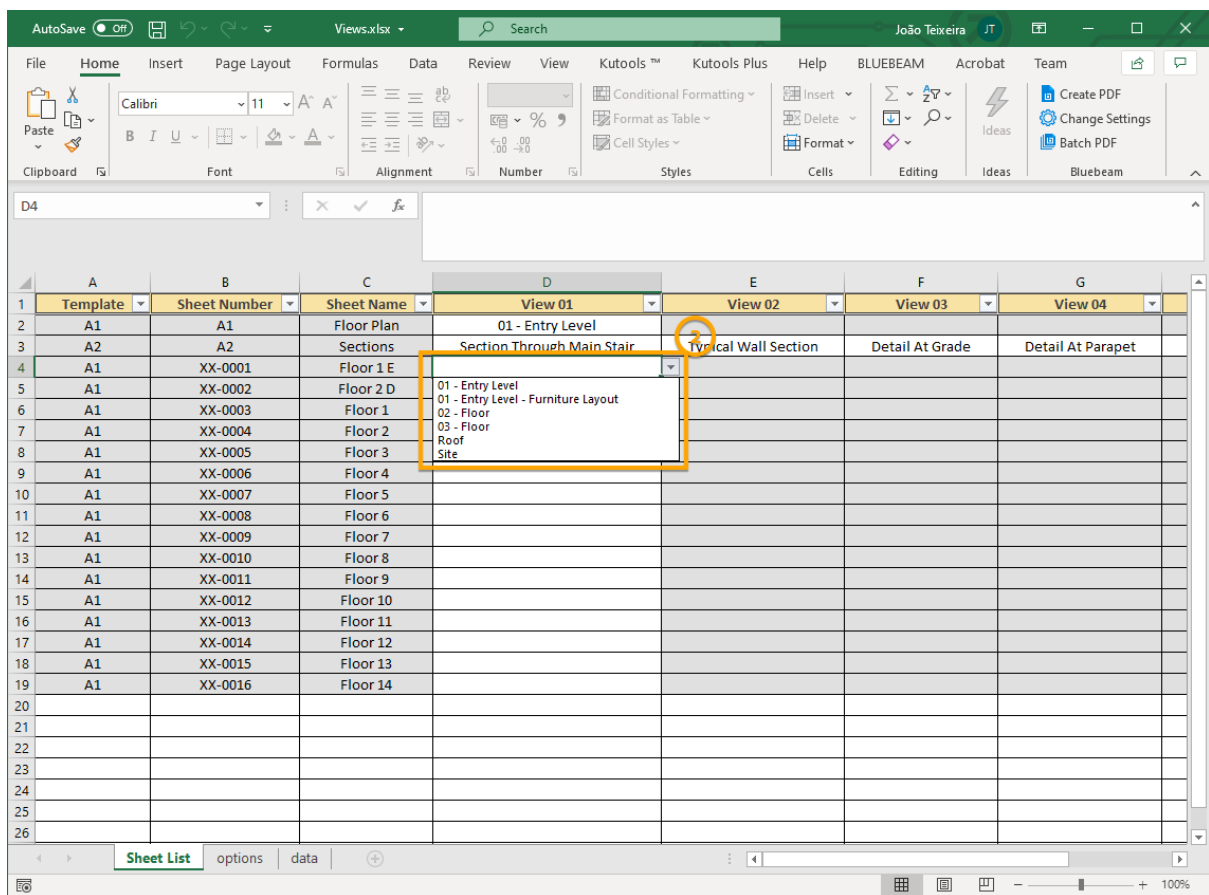
Once again, this can be a very time-consuming process! So SheetGen gives you again the power and flexibility of Excel to handle this task.

1. Click on the Dropdown ‘Import/Export’ and choose the “Export” option



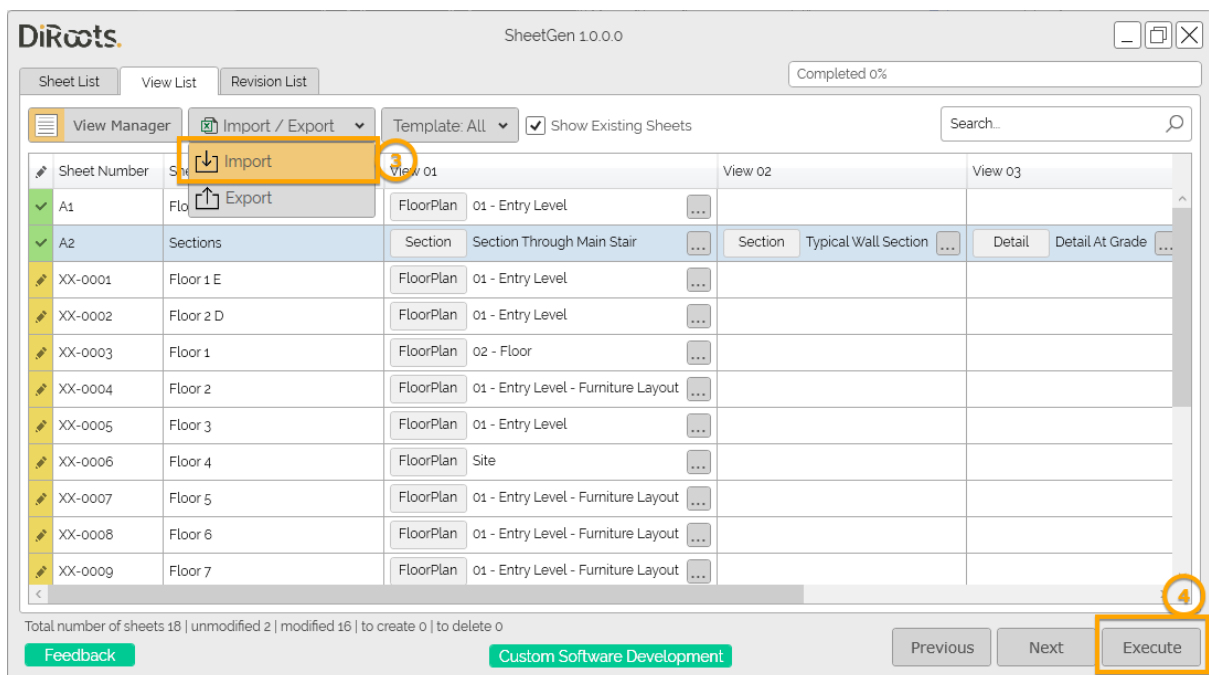
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2. In Excel, click on the arrow down sign to select a view from the dropdown menu.



3. Click on the Dropdown 'Import/Export' and choose the 'Import' option

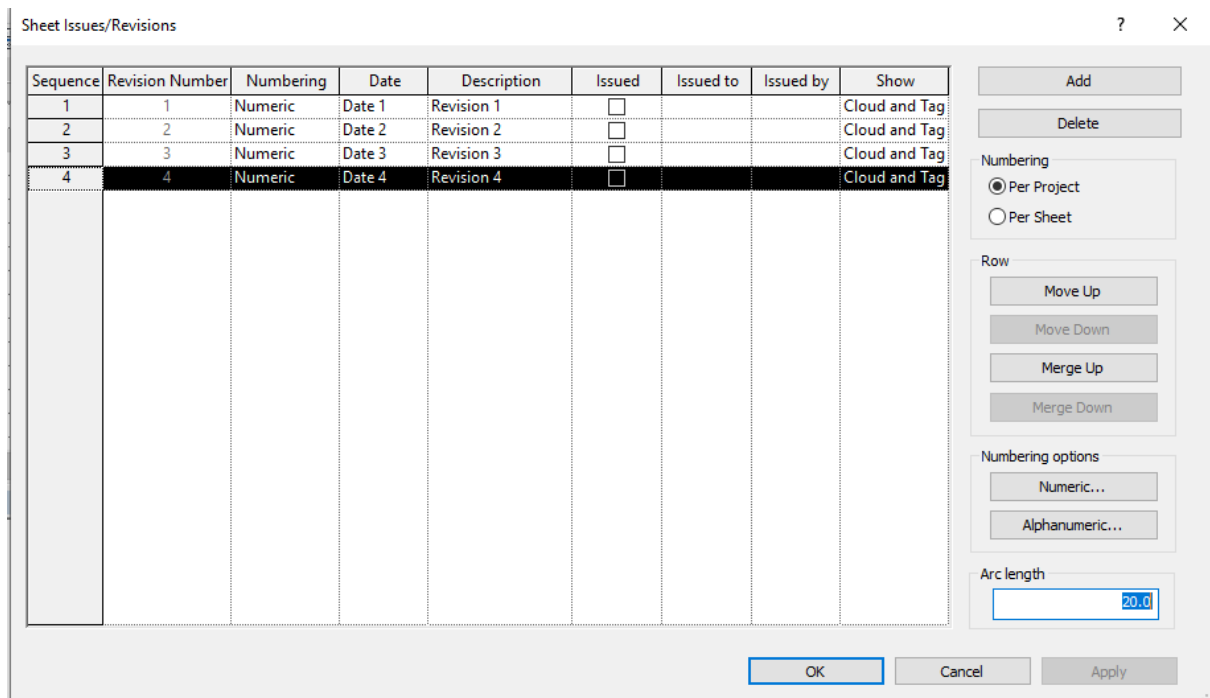
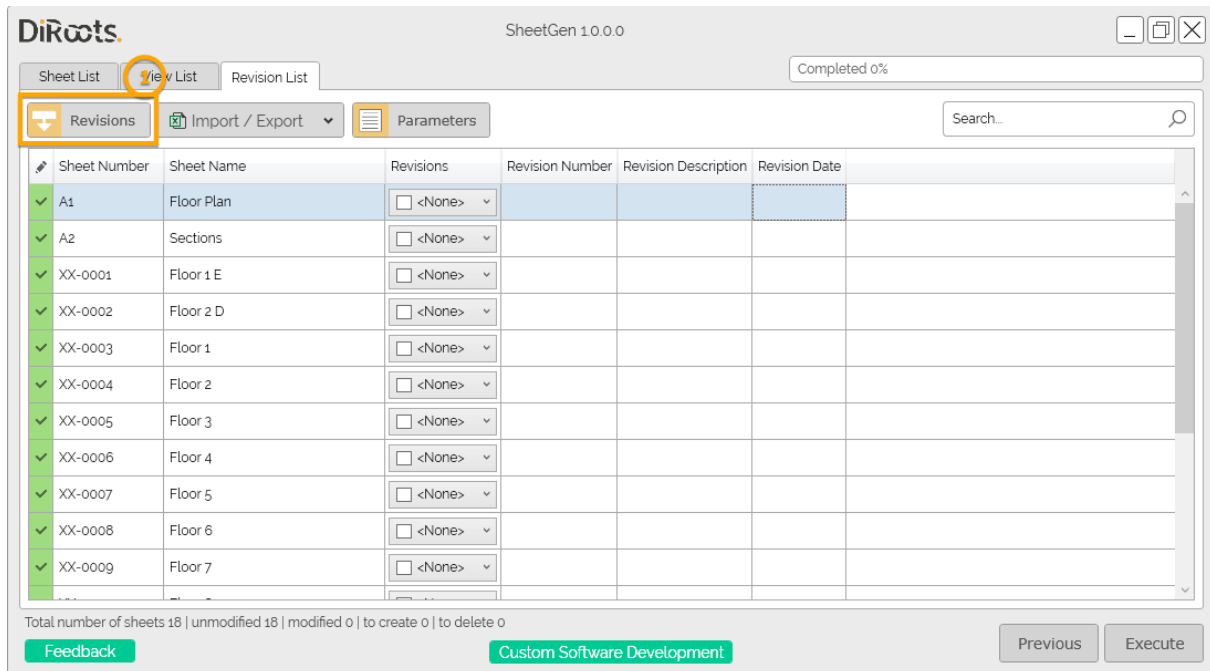
4. Click on the 'Execute' button to place the Views



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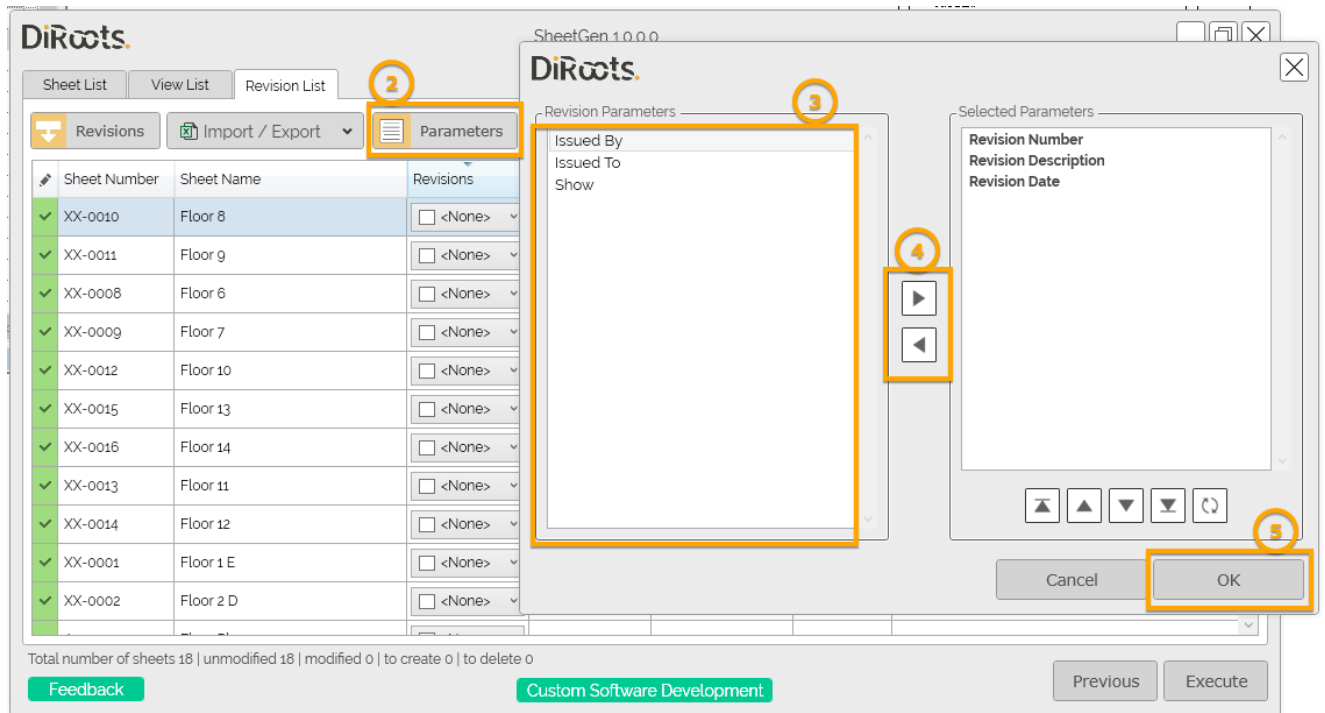
Managing Revisions

1. Click on the 'Revisions' button to open the standard Revit 'Sheet Issues/Revisions' window

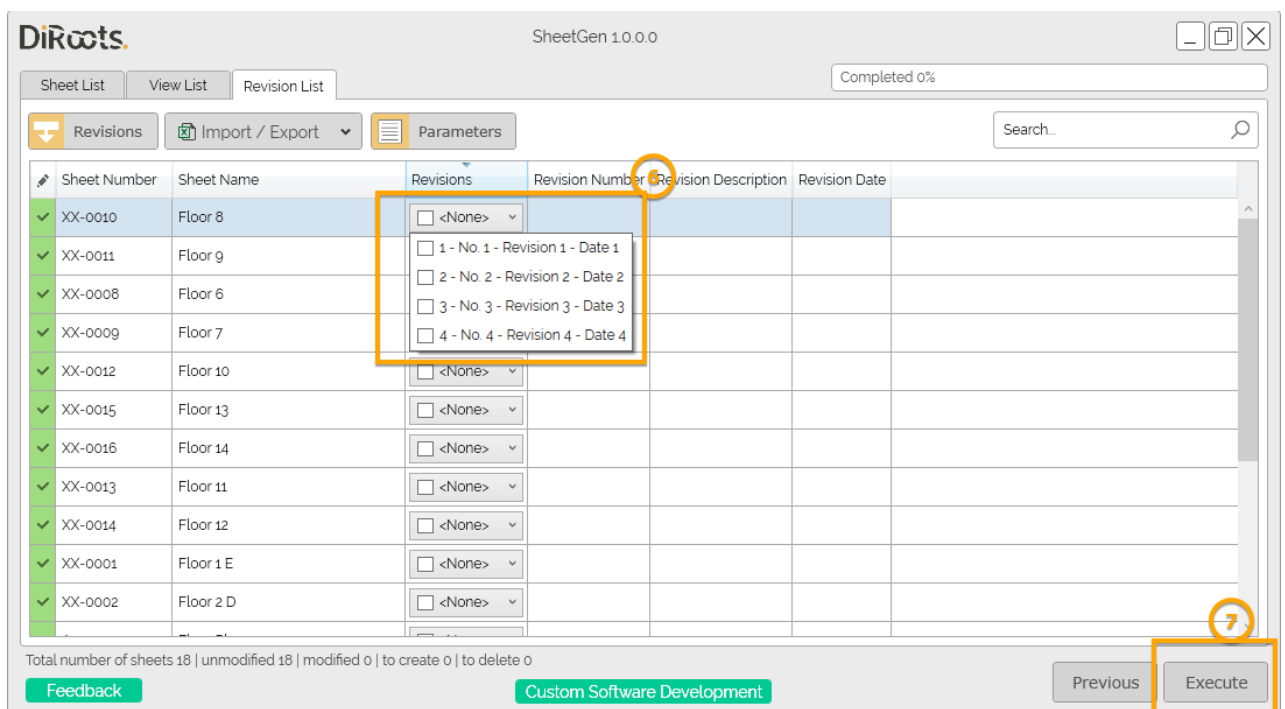


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2. Click on the "Parameters" button to add or remove parameters
3. Pick the parameters you want to edit from the list
4. Use the arrows to add or remove them
5. Click on the "Ok" button



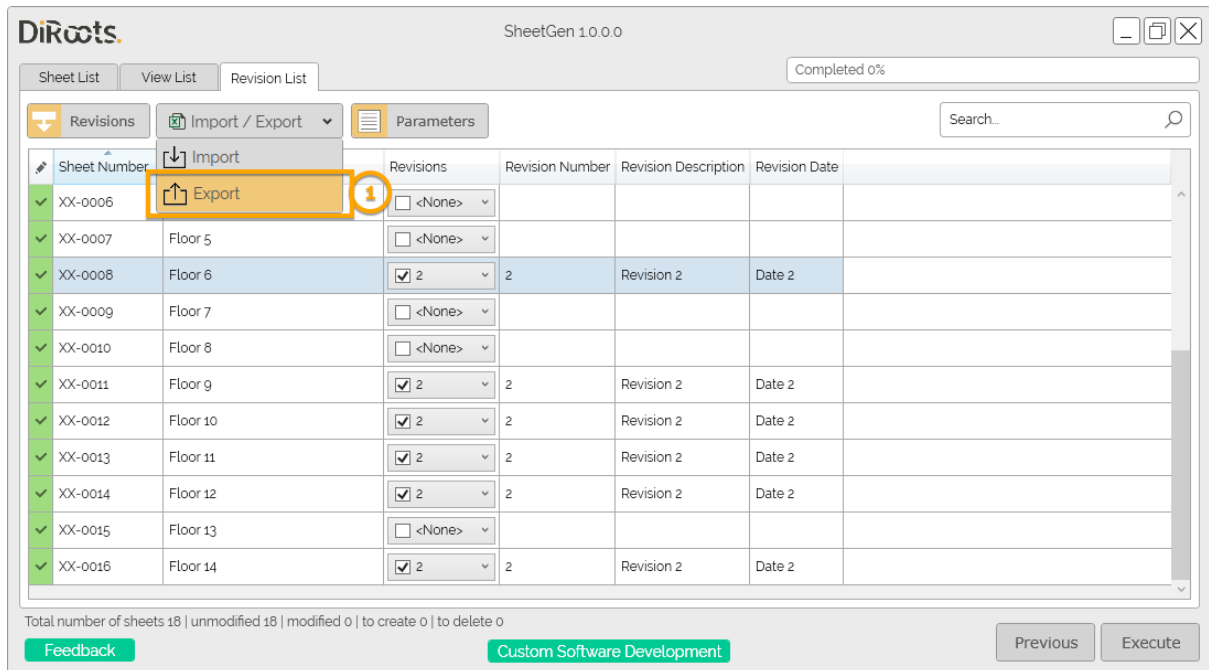
6. Click on the Dropdown/Checklist to select the Sheet Revisions
7. Click on the "Execute" button to apply the changes



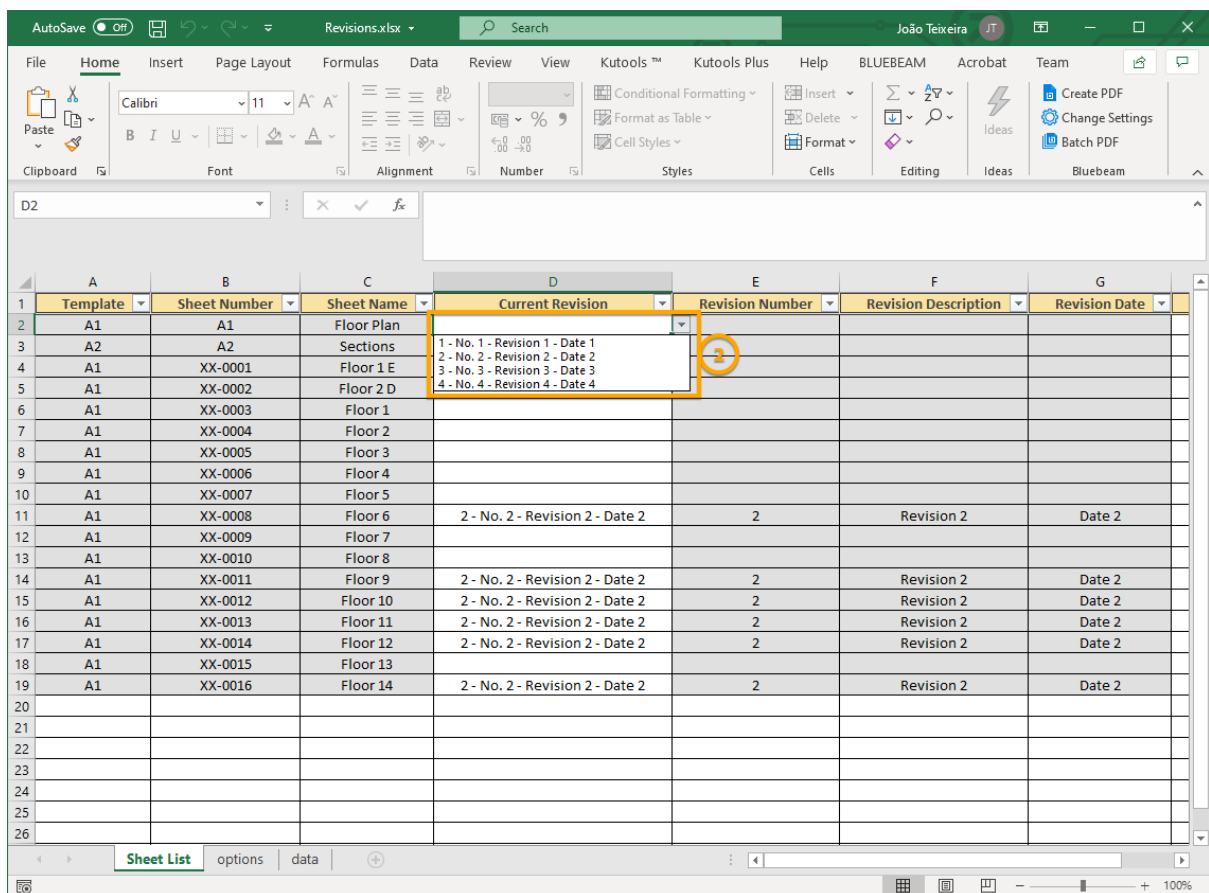
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Once again, it's also possible to perform this process in Excel.

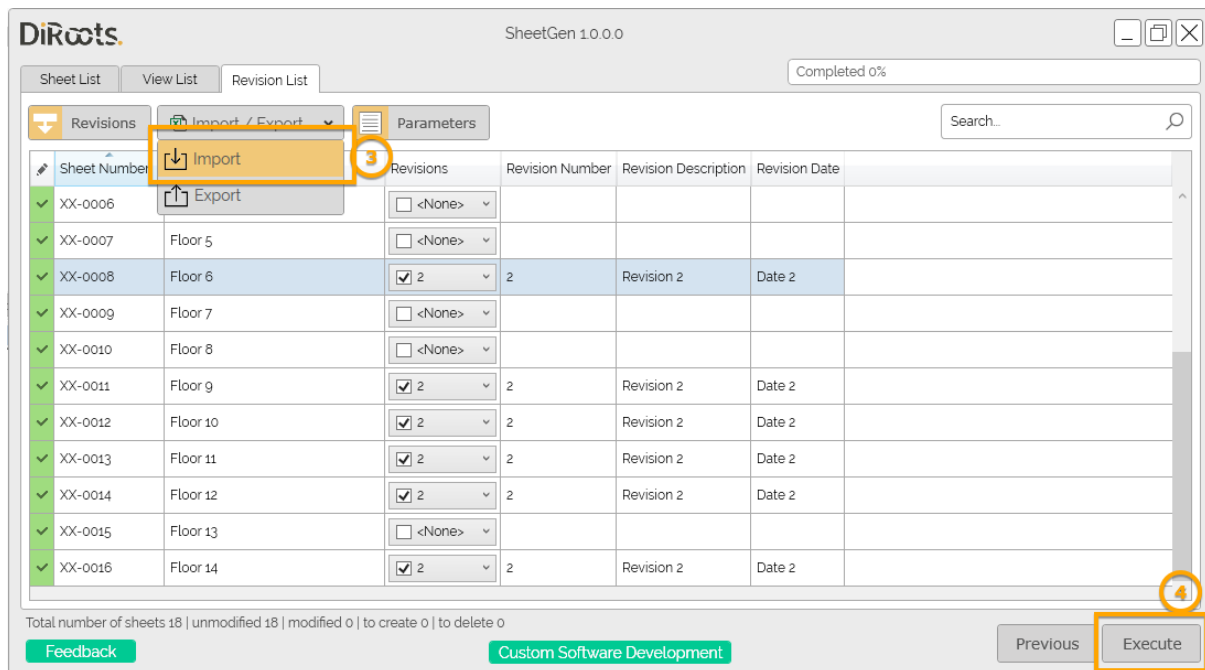
1. Click on the Dropdown 'Import/Export' and choose the 'Export' option



2. In Excel, click on the arrow down sign to select a Revision from the dropdown menu.



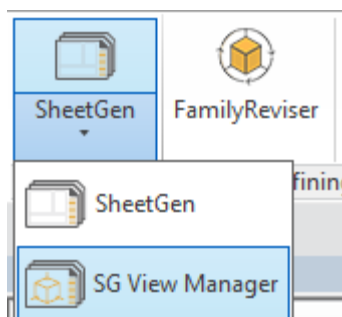
3. Click on the Dropdown 'Import/Export' and choose the 'Import' option
4. Click on the 'Execute' button to apply the changes.



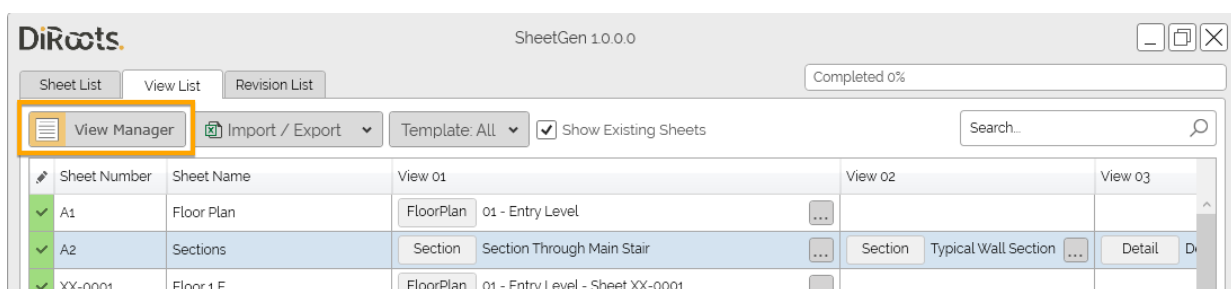
The View Manager

SheetGen also provides you an independent View Manager that can be accessed in two ways:

1. Using the Push Button in DiRoots Tab



2. Clicking on the "View Manager" button in the "View List" Tab

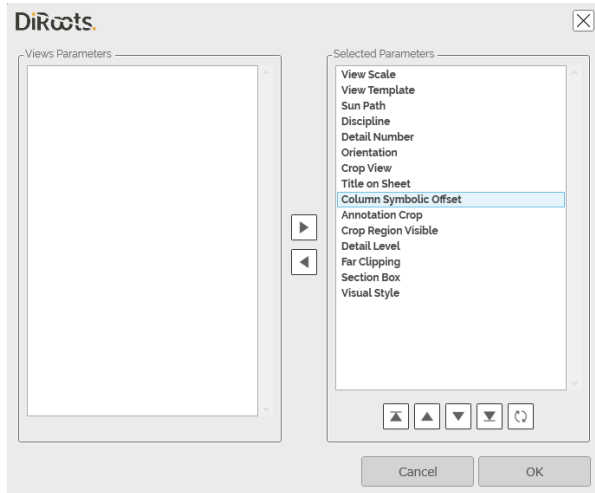


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Using the View Manager

The View Manager can be used to duplicate or remove Views and to modify their parameters.

1. Duplicating or Removing Views
2. Click on the 'Parameters' button to add/remove parameters



3. Use the table to modify the parameters
4. Click on the 'Execute' button to apply the changes

	View Scale	View Template	Sun Path	Discipline	Detail Number	Orientation	Crop View	Title on S		
	100	<None>	No	Architectural			No			
	100	<None>	No	Coordination	1	Project North	No			
	100	<None>	No	Architectural		Project North	No			
<input type="checkbox"/>	01 - Entry Level	CeilingPlan	100	<None>	No	Architectural		Project North	No	
<input type="checkbox"/>	01 - Entry Level - Furnitur	Floor Plan	100	<None>	No	Architectural	1	Project North	No	
<input type="checkbox"/>	01 - Entry Level - Furnitur	Floor Plan	100	<None>	No	Architectural	1	Project North	No	
<input type="checkbox"/>	01 - Entry Level - Furnitur	Floor Plan	100	<None>	No	Architectural	1	Project North	No	
<input type="checkbox"/>	01 - Entry Level - Furnitur	Floor Plan	100	<None>	No	Architectural	1	Project North	No	
<input type="checkbox"/>	01 - Entry Level - Furnitur	Floor Plan	100	<None>	No	Architectural	1	Project North	No	
<input type="checkbox"/>	01 - Entry Level - Furnitur	Floor Plan	100	<None>	No	Architectural	1	Project North	No	
<input type="checkbox"/>	01 - Entry Level - Furnitur	Floor Plan	100	<None>	No	Architectural	1	Project North	No	
<input type="checkbox"/>	01 - Entry Level - Furnitur	Floor Plan	100	<None>	No	Architectural	1	Project North	No	
<input type="checkbox"/>	01 - Entry Level - Furnitur	Floor Plan	100	<None>	No	Architectural	1	Project North	No	

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