

Copy Monitor Architectural Column Grids

Contents

Overview	1
Copy/Monitor the Linked Architectural Grids	1
Turn Off the Linked Architectural Grids for All Views	3
Turn On the Linked Architectural Grids for All Views	4

The following information is subject to change.

Overview

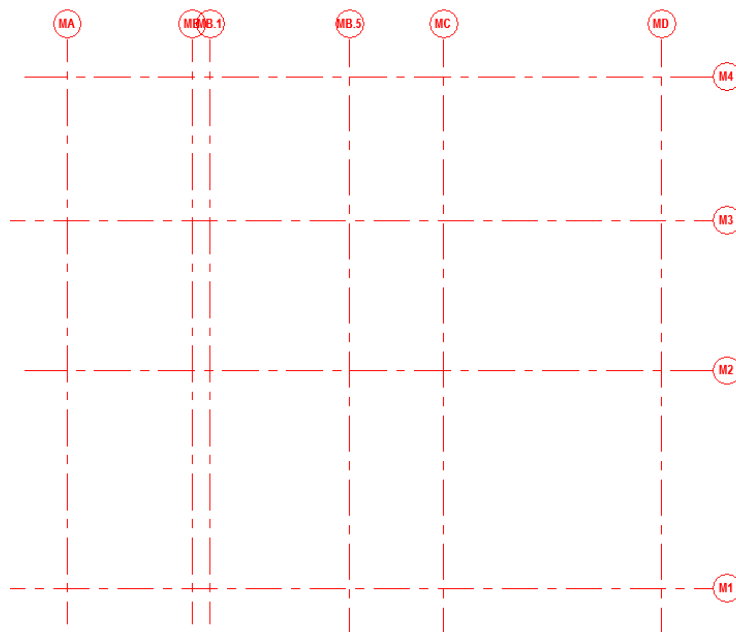
Initially the column grid displayed in the Mechanical and Electrical Revit project models are from the linked Architectural project model. They display in plan, section and elevation views as red to distinguish them from the grids that are copied and monitored from the linked Architectural project model.

Copy/Monitor the Linked Architectural Grids

1. Set the active workset to **zShared Levels and Grids**.
2. From the Revit project browser open the **New Construction > .Project Setup > Floor Plans > Column Grids > First Floor Column Grids New Work** view.

Note: This browser path may differ depending on the version of the model.

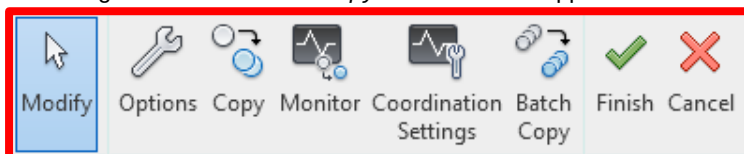
You should only see the grids from the linked architectural model in the view.



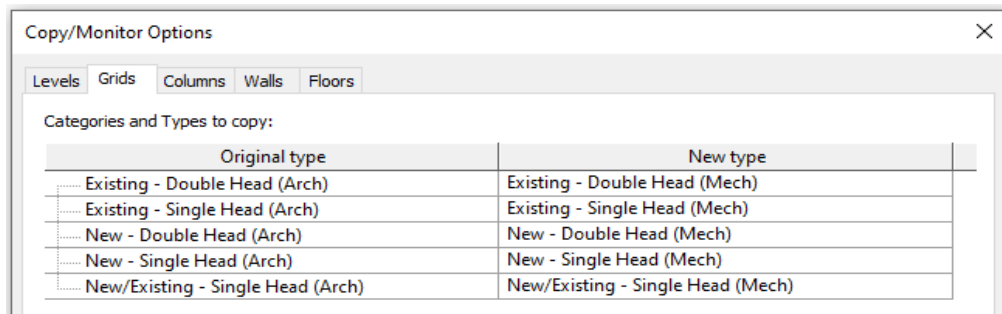
3. From the *Collaborate* ribbon, select **Copy/Monitor > Select Link**.



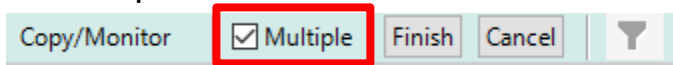
4. Pick the grid in the view. The *Copy/Monitor* ribbon appears.



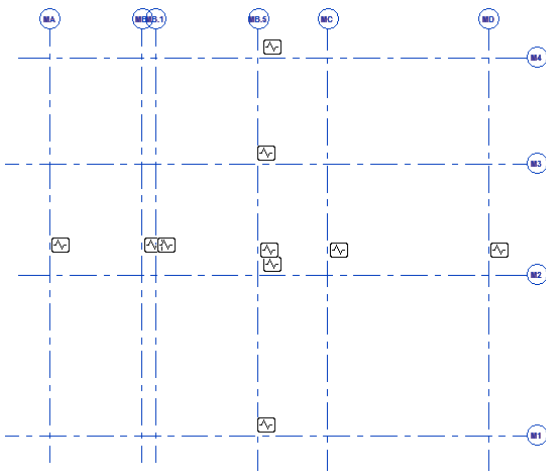
5. From the *Copy/Monitor* ribbon select **Options**. The *Copy/Monitor Options* dialog appears.
6. From the *Grids* tab, verify that the grid types match.



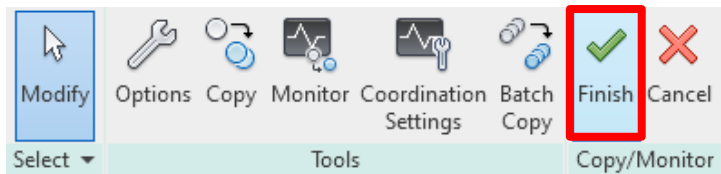
7. Select **OK**. The *Copy/Monitor Options* dialog closes.
8. From the *Copy/Monitor* ribbon select **Copy**. The option bar changes to **Copy/Monitor**.
9. Select **Multiple**.



10. From the view, do a crossing window selecting all of the grids.
11. From the *Copy/Monitor* options bar, select **Finish**.



12. The monitor symbol will appear on each grid line.
13. The ribbon changes focus. You will need to select the **Modify | Grids** ribbon at the far right.
14. Select **Finish**.



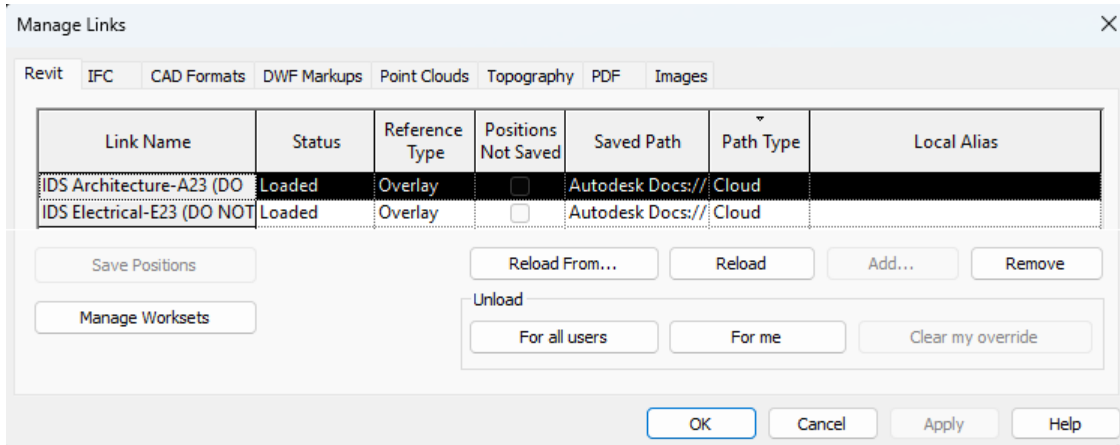
The linked Architectural grids have been copied and are now being monitored for changes in position and name.

15. Change the active workset to something other than zShared Levels and Grids.

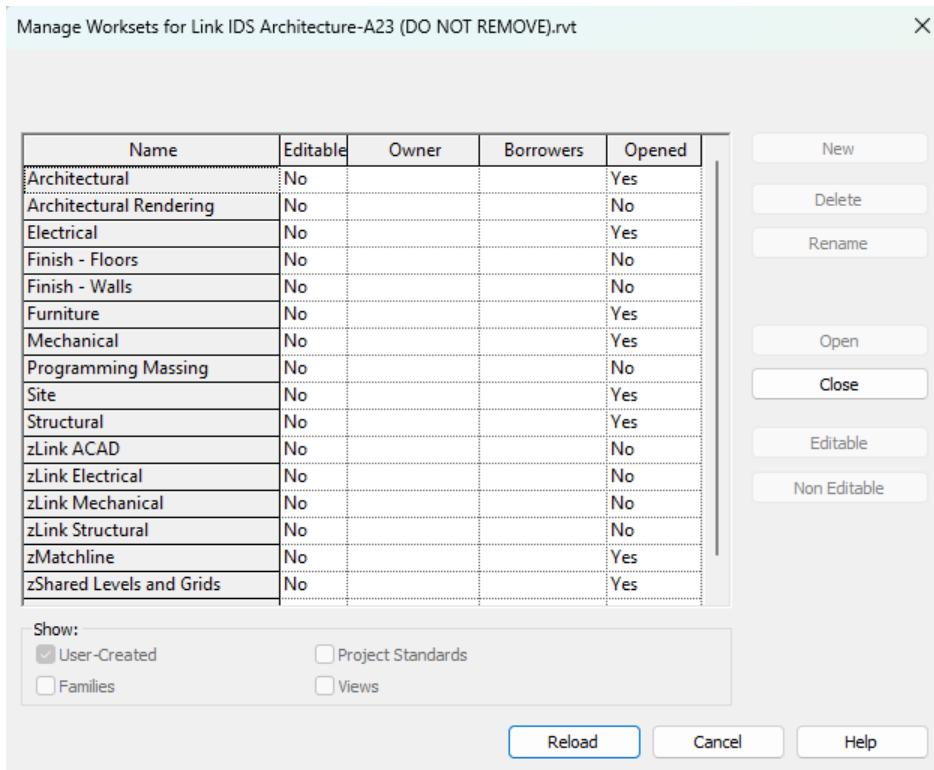
Turn Off the Linked Architectural Grids for All Views

Now that the linked Architectural grids have been copied, their visibility should be turned off in all views of the project model.

1. From the *Manage* ribbon, select **Manage links**. The *Manage Links* dialog appears.



2. Select the **Architectural** model, then from the lower-left corner, select **Manag Worksets**. The *Manage Worksets for Link <model name>* dialog appears.



- a. From the *Name* list, select **zShared Levels and Grids**, then select **Close**.
 - b. Select **Reload**. The *Manage Worksets for Link <model name>* dialog closes.
3. From the *Manage Links* dialog, Select **OK**. The *Manage Links* dialog closes.

The visibility of the linked Architectural grids have been turned off in all views of the project model.

Turn On the Linked Architectural Grids for All Views

If, at a later date, a Coordination View of the grids is required, the visibility of the linked Architectural grids can be turned back on by doing the following:

1. From the *Manage* ribbon, select **Manage links**. The *Manage Links* dialog appears.
2. Select the **Architectural** model, then from the lower-left corner, select **Manag Worksets**. The *Manage Worksets for Link <model name>* dialog appears.
 - a. From the *Name* list, select **zShared Levels and Grids**, then select **Open**.
 - b. Select **Reload**. The *Manage Worksets for Link <model name>* dialog closes.
3. Select **OK**. The *Manage Links* dialog closes.

The visibility of the linked Architectural grids have been turned on in all views of the project model.