Linked Details Amongst Multiple Models in Revit Lab

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Class Summary

- Brief discussion on strategies for details in a campus project

- Review a detail project file

- Link detail file into multiple building files

- Create views for detail in building files

- Create referenced views to the details

- Update the details

Ask questions along the way!

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Copied Details / Copy Paste

- Create details in a building file
- Copy / Paste details into each building file
- Update details
- Either Copy / Paste again or edit detail in each building file

- **Pros**
  - Easy for users
  - Sheet numbers & Detail numbers may vary from building to building

- **Cons**
  - Inaccuracy in details
  - Sheet numbers & Detail numbers may vary from building to building
  - Remembering to paste updates

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Buildings Linked to Site File

- Link all buildings into site file
- Details and sheets done from site file

- **Pros**
  - Everything in one location
  - Sheet numbers & Detail numbers same for each building
  - Easy to update details
  - Works great for one CD set

- **Cons**
  - Large file size
  - Lost links cause issues
  - Orphaned tags and dimension

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Dummy Sheets

- Details created in one building file
- Dummy views created in each building file
- Dummy sheets created in each building and views placed
- Print out of original building file

- **Pros**
  - All details match
  - Sheet numbers & Detail numbers same for each building
  - Easy to update details

- **Cons**
  - Details bubbles not being accurate
  - Maintain dummy views / sheets
  - Printing from multiple locations

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Linked Detail File

- Details created in separate project file
- Views done in plans and elevations
- Detail project linked to all building files
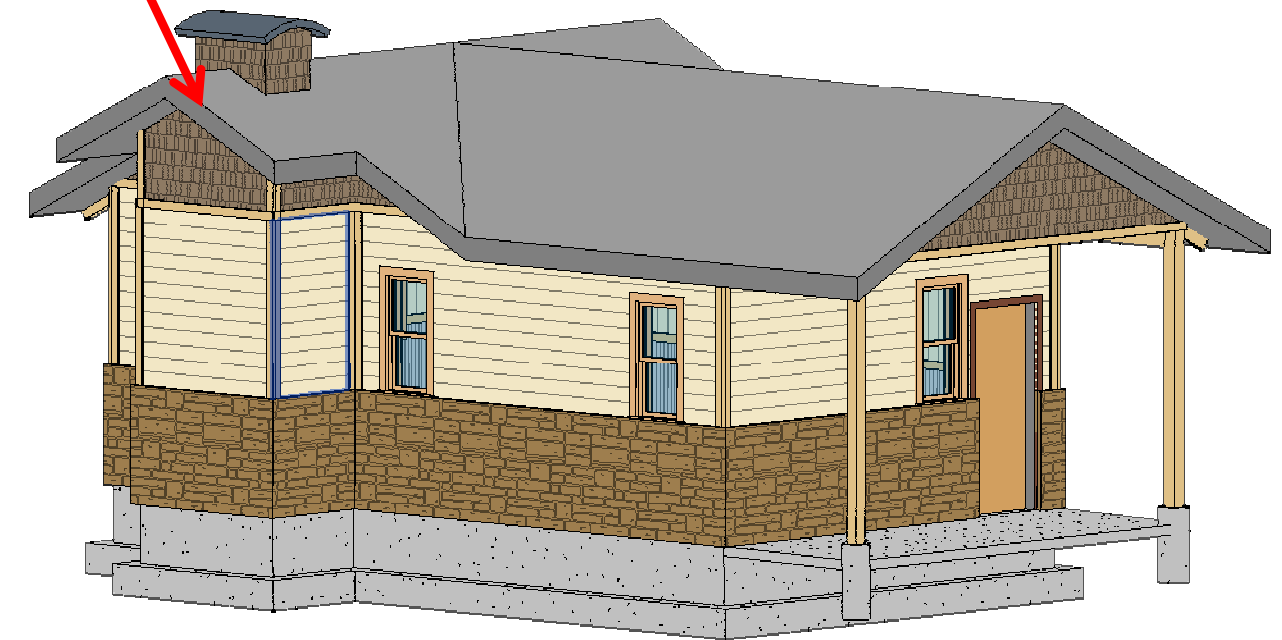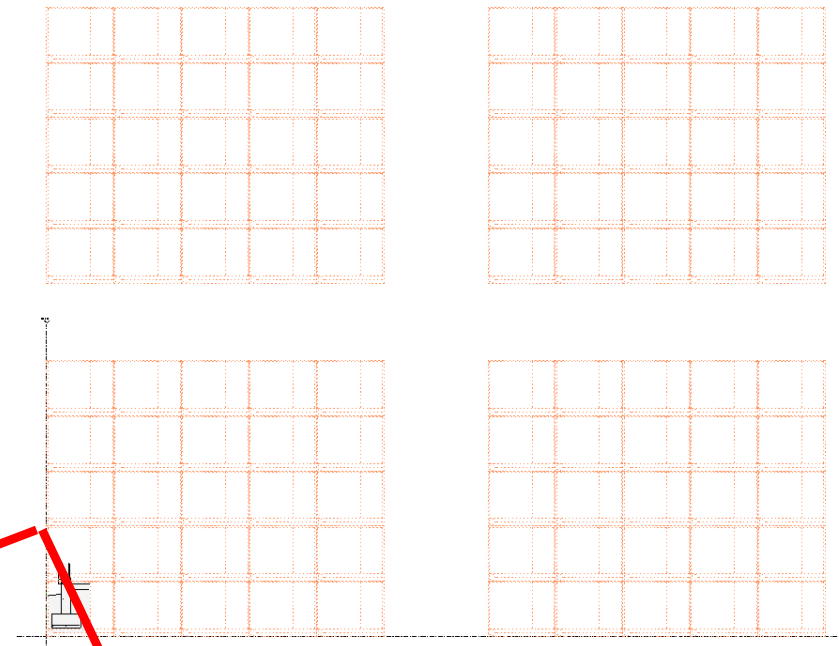- Reference detail view from link
- Duplicate views

- **Pros**
  - All details match
  - Sheet numbers & Detail may vary for each building
  - Easy to update details
  - Smaller building files

- **Cons**
  - Initial set up
  - Open another instance of Revit to change details
  - Multiple plan view tags
  - All details done in plans / elevations
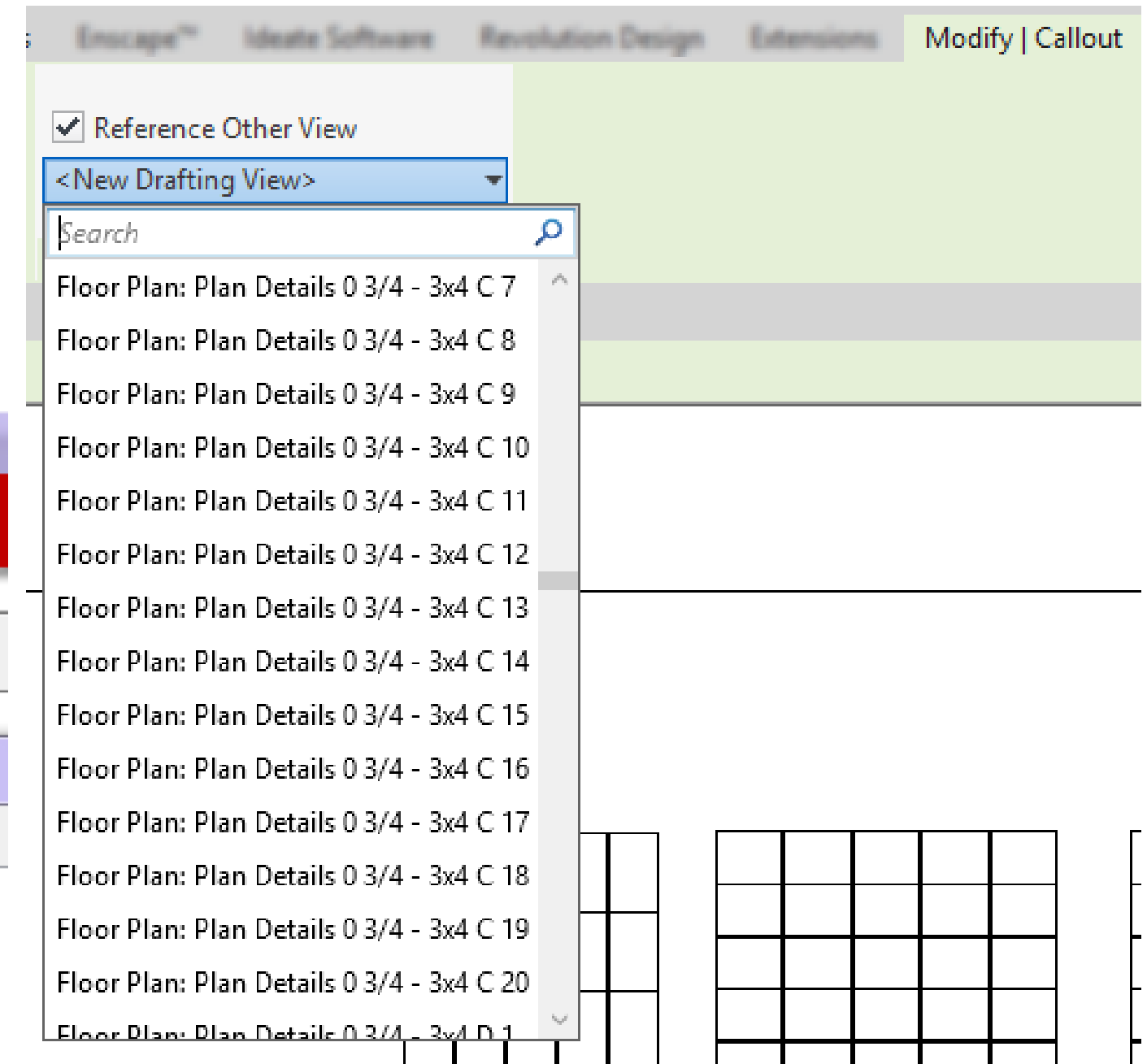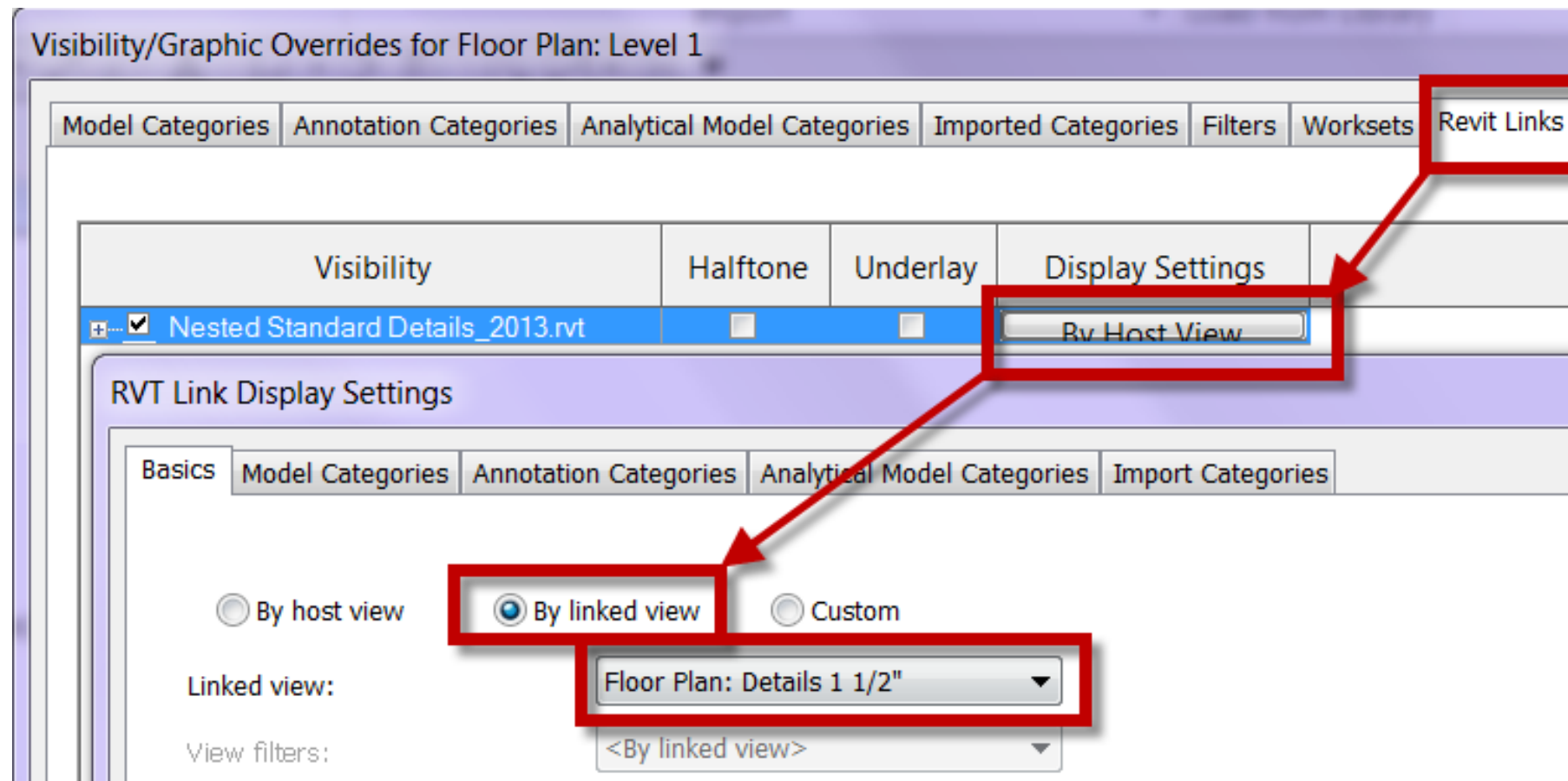 - If the detail file is updated Revision clouds will have to be added to each project file

Linked Detail File

- Create Plan Detail
  - Add Guide Grid 3x3
  - Array Guide Grid
  - Wash rinse repeat

Project Building File

- Link Detail File
- Create detail views in each building
- Show link view per link
- Duplicate dependent views for each detail
- Reference call outs to the dependent views

Final Questions

- Please remember to fill out your survey

- Brian Mackey

- For more information

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