

Prepare model for MEP

# Set view template to "NONE"

Autodesk Revit 2018 - Project1 - Floor Plan: 02 - Floor

File Architecture Structure Systems Insert Annotate Analyze Massing & Site Collaborate View Manage Add-Ins Modify

Active Workset: Gray Inactive Worksets

Synchronize with Central Reload Latest Relinquish All Mine Show History Restore Backup Manage Cloud Models Publish Settings Coordinate Monitor Review Settings Hosting Interference Check

Project Browser - Project1

- Views (Discipline)
- Mechanical
  - HVAC
    - Floor Plans
      - 01 - Entry Level
      - 02 - Floor**
      - 03 - Floor
      - Roof
    - 3D Views (3D)
    - Elevations (Building Elevation)
      - East - Mech
      - North - Mech
      - South - Mech
      - West - Mech
  - Plumbing
    - Plumbing
    - 3D Views
      - 3D Plumbing
    - Elevations (Building Elevation)
      - East - Plumbing
      - North - Plumbing
      - South - Plumbing
      - West - Plumbing
  - Legends
  - Schedules/Quantities
  - Sheets (all)
  - Families
  - Groups
  - Revit Links

Assign View Template

View templates

Discipline filter: <all>

View type filter: Floor, Structural, Area Plans

Names:

- <None>
- Architectural Plan
- Electrical Plan
- Mechanical Plan
- Plumbing Plan

View properties

Number of views with this template assigned: 0

Parameter	Value	Include
-----------	-------	---------

OK Cancel Apply

Properties

Floor Plan

Floor Plan: 02 - Floor Edit Type

Sub-Discipline HVAC

Sun Path

Underlay

Range: Base L... None

Range: Top Le... Unbounded

Underlay Ori... Look down

Extents

Crop View

Crop Region V...

Annotation Cr...

View Range Edit...

Associated Lev... 02 - Floor

Scope Box None

Depth Clipping No clip

Identity Data

View Template Mechanical Plan

View Name 02 - Floor

Dependency Independent

Title on Sheet

Referencing S...

Referencing D...

Phasing

Phase Filter Show All

Phase New Constructi...

Properties help Apply

1 : 100 Main Model

Click to select, TAB for alternates, CTRL adds, SHIFT unselects.

EN 11:50

# Make the Current Plan view as same as the original Plan view

The screenshot shows the Autodesk Revit 2018 interface with the following components:

- Project Browser (left):** Shows a tree view under 'Mechanical' > 'HVAC' > 'Floor Plans' > '1 - Mech'. A blue arrow points to this view.
- Visibility/Graphic Overrides dialog (top right):** A table with columns: Visibility, Halftone, Underlay, Display Settings. The row 'Arch Link Model.rvt' is selected, and a blue arrow points to the 'By Host View' setting in the 'Display Settings' column.
- RVT Link Display Settings dialog (bottom center):** A dialog box with tabs: Basics, Model Categories, Annotation Categories, Analytical Model Categories, Import Categories. The 'Annotation Categories' tab is active, and a blue arrow points to the 'By linked view' radio button. The 'Linked view' dropdown is set to 'Floor Plan: 01 - Entry Level'.
- Properties palette (right):** Shows the '1 - Mech' view's properties, including 'Scale: 1:100', 'Model: Normal', 'Level: Medium', and 'Discipline: Mechanical'.

The status bar at the bottom shows 'Ready' and the Windows taskbar with icons for Chrome, Firefox, Revit, and PowerPoint.

# Copy Floors from link to hosted view

The screenshot displays the Autodesk Revit 2018 software interface. The main window shows a floor plan view of a mechanical system. The Project Browser on the left lists the project structure, including Mechanical, HVAC, Plumbing, and various views. The Copy/Monitor tool is highlighted in the ribbon, and a tooltip is visible, explaining its function: "Monitors and coordinates changes to elements that affect teams from different disciplines. Use the Copy/Monitor tool to monitor elements between the host project and a linked model, or within one project. When one team moves or changes a monitored element, other teams are notified so that they can adapt their designs or work with team members to resolve issues. Press F1 for more help".

**Copy/ Monitor**  
Monitors and coordinates changes to elements that affect teams from different disciplines.

Use the Copy/Monitor tool to monitor elements between the host project and a linked model, or within one project. When one team moves or changes a monitored element, other teams are notified so that they can adapt their designs or work with team members to resolve issues.

Press F1 for more help

Project Browser - Project1

- Views (Discipline)
- Mechanical
  - HVAC
    - Floor Plans
      - 1 - Mech
      - 2 - Mech
    - Ceiling Plans
      - 1 - Ceiling Mech
      - 2 - Ceiling Mech
    - 3D Views (3D)
    - Elevations (Building Elevation)
      - East - Mech
      - North - Mech
      - South - Mech
      - West - Mech
  - Plumbing
    - Plumbing
      - Floor Plans
        - 1 - Plumbing
        - 2 - Plumbing
      - 3D Views (3D Plumbing)
      - Elevations (Building Elevation)
        - East - Plumbing
        - North - Plumbing
        - South - Plumbing
        - West - Plumbing
  - Legends
  - Schedules/Quantities
  - Sheets (all)
  - Families
  - Groups
  - Revit Links

Graphics

View Scale	1 : 100
Scale Value	1: 100
Display Model	Normal
Detail Level	Medium
Parts Visibility	Show Original
Visibility/Grap...	Edit...
Graphic Displa...	Edit...
Orientation	Project North
Wall Join Displ...	Clean all wall j...
Discipline	Mechanical
Show Hidden ...	By Discipline
Color Scheme ...	Background
Color Scheme	<none>
System Color ...	Edit...
Default Analys...	None
Sub-Discipline	HVAC
Sun Path	<input type="checkbox"/>
Underlay	
Range: Base L...	None
Range: Top Le...	Unbounded
Underlay Ori...	Look down
Extents	
Crop View	<input type="checkbox"/>
Crop Region V...	<input type="checkbox"/>
Annotation G...	<input type="checkbox"/>

1 : 100 Main Model

# Copy Floors from link to hosted view

The screenshot displays the Autodesk Revit 2018 interface. The title bar shows "Autodesk Revit 2018 - Project1 - Floor Plan: 1 - Mech". The ribbon is set to "Copy/Monitor". The "Copy/Monitor" panel includes the following tools: Modify, Options, Copy, Monitor, Coordination Settings, Batch Copy, Finish, and Cancel. A black arrow points to the "Copy" button. Below the ribbon, the "Copy/Monitor" dialog box is open, showing the "Project Browser - Project1" on the left and the "Properties" panel on the right. The Project Browser shows a tree view with "Mechanical" > "HVAC" > "Floor Plans" > "1 - Mech" selected. The Properties panel shows the "Floor Plan" properties for "1 - Mech", including View Scale (1:100), Scale Value (1:100), Display Model (Normal), Detail Level (Medium), Parts Visibility (Show Original), Visibility/Graphic (Edit...), Graphic Display (Edit...), Orientation (Project North), Wall Join Display (Clean all wall j...), Discipline (Mechanical), Show Hidden (By Discipline), Color Scheme (Background), Color Scheme (<none>), System Color (Edit...), Default Analysis (None), Sub-Discipline (HVAC), Sun Path (unchecked), Underlay (Range: Base L... None, Range: Top Le... Unbounded, Underlay Orientation Look down), Extents (Crop View, Crop Region V...), and Annotation Scale. The main view area shows a mechanical floor plan with a dashed white rectangle indicating the copied area. The status bar at the bottom shows "1:100" and "Main Model".

Click to select, TAB for alternates, CTRL adds, SHIFT unselects.

# Copy Floors from link to hosted view

The screenshot displays the Autodesk Revit 2018 interface. The main window shows a floor plan view of a building. A 'Copy/Monitor' dialog box is open, with the 'Filter' sub-dialog box also open. The 'Filter' dialog shows a list of categories with their respective counts:

Category	Count
<input checked="" type="checkbox"/> Floors	2
<input type="checkbox"/> Grids	26
<input type="checkbox"/> Structural Columns	67
<input type="checkbox"/> Walls	71

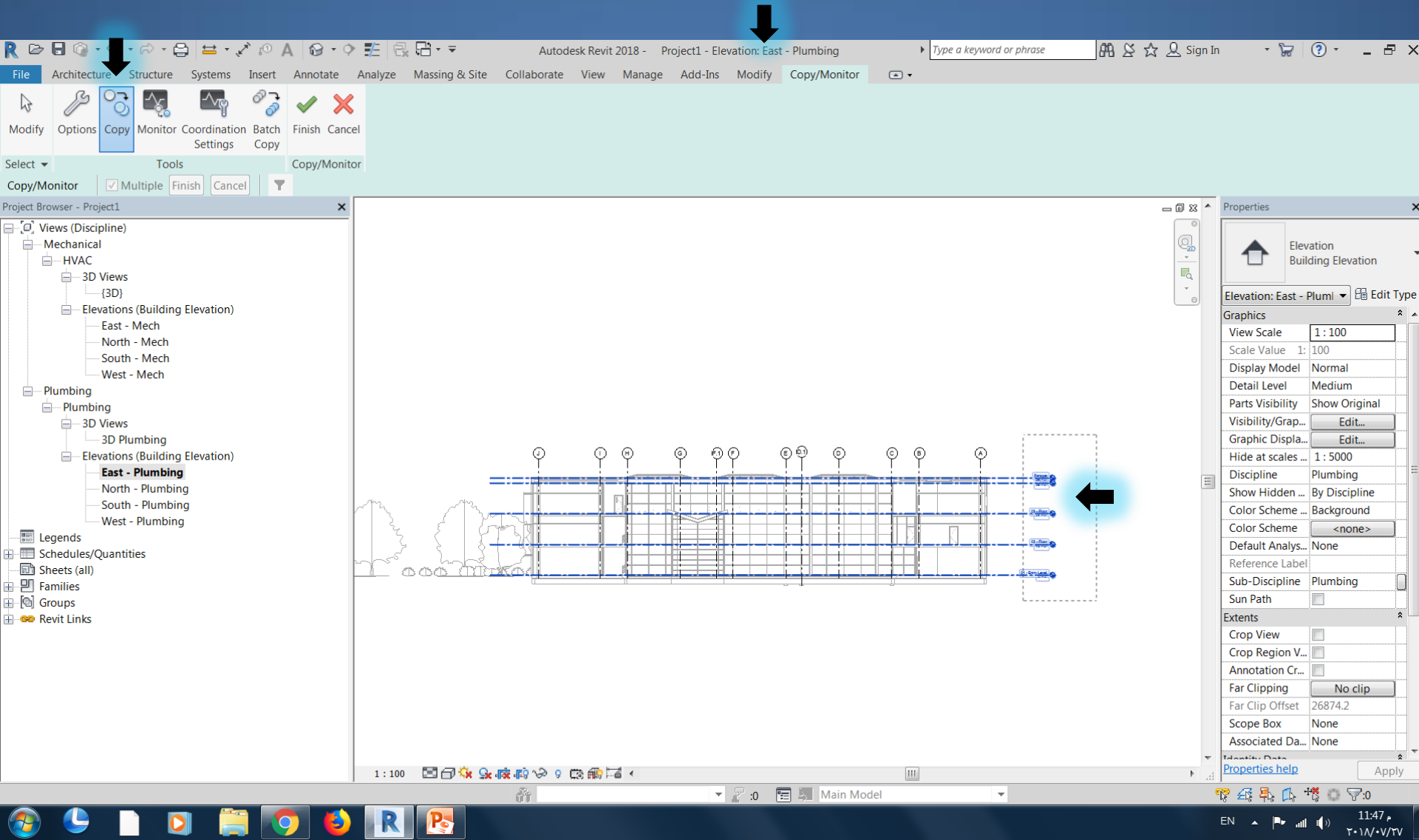
The 'Total Selected Items' is 2. The 'Project Browser' on the left shows the hierarchy of views, including 'Mechanical' > 'HVAC' > 'Floor Plans' > '01 - Entry Level'. The 'Properties' panel on the right shows the current view settings, including 'View Scale: 1:100', 'Display Model: Normal', and 'Discipline: Mechanical'. The status bar at the bottom indicates '1:100' and 'Main Model'.

Use filter

# Delete default Levels

The screenshot displays the Autodesk Revit 2018 interface. The title bar indicates the project is "Project1 - Elevation: East - Plumbing". The ribbon is set to "Modify | Levels". The Project Browser on the left shows the hierarchy: Views (Discipline) > Mechanical > HVAC > Elevations (Building Elevation) > East - Mech. The Plumbing > Elevations (Building Elevation) > East - Plumbing view is also visible. A warning dialog box is open in the center, titled "Autodesk Revit 2018", with the message: "Warning - can be ignored. View 1 - Mech will be deleted. View 1 - Ceiling Mech will be deleted. View 2 - Mech will be deleted. View 2 - Ceiling Mech will be deleted." The dialog has "Show", "More Info", "Expand >>", "OK", and "Cancel" buttons. In the background, a plumbing elevation view is shown with a blue circle highlighting a specific level and a black arrow pointing to it. The Properties panel on the right shows the selected level's properties: "Level 8mm Head", "Levels (2)", "Elevation", "Story Above: Default", "Dimensions: Computation H... 0.0", "Extents: Scope Box: None", "Identity Data: Name, Structural, Building Story (checked)". The status bar at the bottom shows "1:100" and "Main Model".

# Copy Levels and Grids from Revit link file to my host view





# Copy Levels and Grids from Revit link file to my host view

The screenshot illustrates the workflow in Autodesk Revit 2018 for copying levels and grids from a link file to a host view. The main window displays a plumbing elevation view with a grid system. A 'Filter' dialog box is open, showing the 'Levels' category selected, with a count of 5. The 'Copy/Monitor' ribbon is active, and the 'Copy' button is highlighted. The Project Browser on the left shows the 'East - Plumbing' elevation view selected. The Properties panel on the right shows the 'Elevation Building Elevation' settings, including a view scale of 1:100. A small inset window shows a preview of the copied levels and grids.

Autodesk Revit 2018 - Project1 - Elevation: East - Plumbing

File Architecture Structure Systems Insert Annotate Analyze Massing & Site Collaborate View Manage Add-Ins Modify Copy/Monitor

Modify Options Copy Monitor Coordination Settings Batch Copy Finish Cancel

Select Tools Copy/Monitor

Project Browser - Project1

- Views (Discipline)
- Mechanical
  - HVAC
    - 3D Views (3D)
    - Elevations (Building Elevation)
      - East - Mech
      - North - Mech
      - South - Mech
      - West - Mech
  - Plumbing
    - 3D Views
    - 3D Plumbing
    - Elevations (Building Elevation)
      - East - Plumbing**
      - North - Plumbing
      - South - Plumbing
      - West - Plumbing
- Legends
- Schedules/Quantities
- Sheets (all)
- Families
- Groups
- Revit Links

Filter

Category: Levels Count: 5

Check All

Check None

Total Selected Items: 5

OK Cancel Apply

Properties

Elevation Building Elevation

Elevation: East - Pluml Edit Type

Graphics

View Scale 1 : 100

Scale Value 1 : 100

Display Model Normal

Detail Level Medium

Parts Visibility Show Original

Visibility/Grapp Edit...

Graphic Displa... Edit...

Hide at scales ... 1 : 5000

Discipline Plumbing

Show Hidden ... By Discipline

Color Scheme Background

Color Scheme <none>

Default Analys... None

Reference Label

Sub-Discipline Plumbing

Sun Path

Extents

Crop View

Crop Region V...

Annotation Cr...

Far Clipping No clip

Far Clip Offset 26874.2

Scope Box None

Associated Da... None

Properties help

Apply

Autodesk Revit 2018 - [Elevation...]

Filter Selection

Main Model

11:47

# Adding Levels to my host view

The screenshot displays the Autodesk Revit 2018 software interface. The title bar indicates the current project is "Project1 - Elevation: East - Mech". The ribbon is set to the "View" tab, and the "Plan Views" dropdown menu is open, with the "Floor Plan" option selected. A tooltip for "Floor Plan" is visible, stating "Creates a floor plan view. Press F1 for more help".

The Project Browser on the left shows a hierarchical view of the project structure:

- Views (Discipline)
  - Mechanical
    - HVAC
      - 3D Views (3D)
      - Elevations (Building Elevation)
        - East - Mech
        - North - Mech
        - South - Mech
        - West - Mech
    - Plumbing
      - Plumbing
        - 3D Views
        - 3D Plumbing
        - Elevations (Building Elevation)
          - East - Plumbing
          - North - Plumbing
          - South - Plumbing
          - West - Plumbing
- Legends
- Schedules/Quantities
- Sheets (all)
- Families
- Groups
- Revit Links

The Properties panel on the right shows the settings for the selected "Elevation: East - Mech" view:

- Elevation: East - Mech
- Graphics
  - View Scale: 1 : 100
  - Scale Value: 1 : 100
  - Display Model: Normal
  - Detail Level: Medium
  - Parts Visibility: Show Original
  - Visibility/Grap...: Edit...
  - Graphic Displa...: Edit...
  - Hide at scales ...: 1 : 5000
- Discipline: Mechanical
- Show Hidden ...: By Discipline
- Color Scheme: Background
- Color Scheme: <none>
- Default Analys...: None
- Reference Label:
- Sub-Discipline: HVAC
- Sun Path:

- Extents
- Crop View:
- Crop Region V...:
- Annotation Cr...:
- Far Clipping: No clip
- Far Clip Offset: 26874.2
- Scope Box: None
- Associated Da...: None

The main view area shows a mechanical elevation drawing with a grid of levels labeled J, I, H, G, F, E, D, C, B, and A. A blue arrow points to the "Floor Plan" option in the ribbon, and another blue arrow points to the "Floor Plan" option in the dropdown menu.

A notification from Symantec Endpoint Protection is visible in the bottom right corner, stating: "Traffic has been blocked from this application: svchost.exe".

# Copy Grids from Revit link file to my host view

The screenshot shows the Autodesk Revit 2018 interface. The main window displays a floor plan view of a mechanical system. The ribbon is set to 'Copy/Monitor'. The 'Copy/Monitor' tool is active, and a black arrow points to the 'Copy' button. The 'Project Browser' on the left shows the 'Mechanical' discipline, with 'HVAC' and 'Floor Plans' expanded. The 'Filter' dialog is open, showing a list of categories and their counts. The 'Grids' category is selected, and a black arrow points to it. The 'Properties' panel on the right shows the 'Floor Plan' properties for the selected view.

**Filter Dialog Data:**

Category	Count
Floors	2
Grids	26
Structural Columns	61
Walls	84

**Properties Panel Data:**

Property	Value
View Scale	1 : 100
Scale Value	1: 100
Display Model	Normal
Detail Level	Medium
Parts Visibility	Show Original
Visibility/Graphic Style	Edit...
Graphic Display Style	Edit...
Orientation	Project North
Wall Join Display	Clean all wall j...
Discipline	Mechanical
Show Hidden	By Discipline
Color Scheme	Background
Color Scheme	<none>
System Color	Edit...
Default Analysis	None
Sub-Discipline	HVAC
Sun Path	<input type="checkbox"/>
Underlay	
Range: Base L...	None
Range: Top Le...	Unbounded
Underlay Ori...	Look down
Extents	
Crop View	<input type="checkbox"/>
Crop Region V...	<input type="checkbox"/>
Annotation C...	<input type="checkbox"/>

# Disabled Grids from Revit link file

The screenshot shows the Autodesk Revit 2018 interface with the RVT Link Display Settings dialog box open. The dialog box is titled "RVT Link Display Settings" and has several tabs: Basics, Model Categories, Annotation Categories, Analytical Model Categories, and Import Categories. The "Annotation Categories" tab is selected. In the "Annotation categories:" dropdown, "<Custom>" is chosen. The "Show annotation categories in this view" checkbox is checked. The "Filter list:" is set to "Architecture".

Visibility	Projection/Surface			Cut	Halftone
	Lines	Patterns	Transparency	Patterns	
<input checked="" type="checkbox"/> Electrical Equipment Tags					<input type="checkbox"/>
<input checked="" type="checkbox"/> Electrical Fixture Tags					<input type="checkbox"/>
<input checked="" type="checkbox"/> Floor Tags					<input type="checkbox"/>
<input checked="" type="checkbox"/> Furniture System Tags					<input type="checkbox"/>
<input checked="" type="checkbox"/> Furniture Tags					<input type="checkbox"/>
<input checked="" type="checkbox"/> Generic Annotations					<input type="checkbox"/>
<input checked="" type="checkbox"/> Generic Model Tags					<input type="checkbox"/>
<input type="checkbox"/> Grids					<input type="checkbox"/>
<input checked="" type="checkbox"/> Guide Grid					<input type="checkbox"/>
<input checked="" type="checkbox"/> Keynote Tags					<input type="checkbox"/>
<input checked="" type="checkbox"/> Levels					<input type="checkbox"/>
<input checked="" type="checkbox"/> Lighting Fixture Tags					<input type="checkbox"/>
<input checked="" type="checkbox"/> Mass Floor Tags					<input type="checkbox"/>
<input checked="" type="checkbox"/> Mass Tags					<input type="checkbox"/>
<input checked="" type="checkbox"/> Matchline					<input type="checkbox"/>

At the bottom of the dialog box, there are buttons for "All", "None", "Invert", and "Expand All". The "Grids" row is highlighted in blue, and a black arrow points to the unchecked checkbox. In the background, the "Visibility/Graphic Overrides for Floor Plan: 02 - Floor" dialog box is also open, with the "By Linked View" option selected under "Display Settings".

# Grid edit type and change the following:

The screenshot displays the Autodesk Revit 2018 interface. The ribbon is set to 'Modify | Grids'. A 'Type Properties' dialog box is open, showing the 'System Family: Grid' and 'Type: 6.5mm Bubble'. The 'Graphics' section of the dialog is highlighted, with arrows pointing to the 'Symbol' (M\_Grid He... Circle) and 'End Segments Length' (25.0) parameters. The floor plan view shows a grid system with labels A through G and 5 through 11. The Properties panel on the right shows the 'Grid 6.5mm Bubble' type with 'Scope Box: None' and 'Name: 4'. The status bar at the bottom indicates 'Main Model'.

Parameter	Value
Symbol	M_Grid He... Circle
Center Segment	None
End Segment Weight	1
End Segment Color	Black
End Segment Pattern	Grid Line
End Segments Length	25.0
Plan View Symbols End 1 (Default)	<input checked="" type="checkbox"/>
Plan View Symbols End 2 (Default)	<input checked="" type="checkbox"/>
Non-Plan View Symbols (Default)	Top

# Customize view by hide the linked grids

The image shows the Autodesk Revit 2018 interface with the RVT Link Display Settings dialog box open. The dialog box has several tabs: Basics, Model Categories, Annotation Categories, Architectural Model Categories, and Import Categories. The 'Annotation Categories' tab is selected, and the 'Custom' radio button is chosen. The 'Linked view' dropdown is set to 'Reflected Ceiling Plan: 02 - Floor'. The 'View filters' dropdown is set to '<By linked view>'. The 'View range' dropdown is set to '<By linked view>'. The 'Phase' dropdown is set to '<By linked view> (New Construction)'. The 'Phase filter' dropdown is set to '<By linked view> (Show All)'. The 'Detail level' dropdown is set to '<By linked view> (Coarse)'. The 'Discipline' dropdown is set to '<By linked view> (Architectural)'. The 'Color fill' dropdown is set to '<By linked view>'. The 'Object styles' dropdown is set to '<By linked model>'. The 'Nested links' dropdown is set to '<By linked view>'. The 'Revit Links' table is visible in the background, with the 'By Linked View' row highlighted. The 'By Linked View' row has a blue background and a black arrow pointing to it. The 'By Linked View' row has a checkbox in the 'Underlay' column and a dropdown in the 'Display Settings' column. The 'By Linked View' row has a blue background and a black arrow pointing to it. The 'By Linked View' row has a blue background and a black arrow pointing to it.

Autodesk Revit 2018 - first Project1.rvt - Reflected Ceiling Plan: 02 - Floor

File Architecture Structure Systems Insert Annotate Analyze Massing & Site Collaborate View Manage Add-Ins Modify

Visibility/ Graphics Show Hidden Lines Render Render in Cloud Render Gallery

Plan Views Drafting View Schedules Sheet Title Block Matchline

View Filters Remove Hidden Lines Render in Cloud Duplicate View Scope Box

3D Section Callout Elevation Legends

Viewports

Switch Windows Hidden Tile User Interface

Project Browser - first Project1.rvt

Views (Discipline)

Coordination

???

Ceiling Plans

01 - Entry Level

**02 - Floor**

03 - Floor

Mechanical

HVAC

Floor Plans

01 - Entry Level

02 - Floor

03 - Floor

Roof

3D Views

{3D}

Elevations (Building Ele

East - Mech

North - Mech

South - Mech

West - Mech

Plumbing

Plumbing

3D Views

3D Plumbing

Elevations (Building Ele

East - Plumbing

North - Plumbing

South - Plumbing

West - Plumbing

Legends

Schedules/Quantities

Sheets (all)

Families

Groups

1 : 100

Main Model

12:41 ص ٢٠١٧/٠٧/٢٩

EN

Annotation Cr...  
View Range Edit...  
Associated Le... 02 - Floor  
Some Day None  
Properties help Apply

RVT Link Display Settings

Basics Model Categories Annotation Categories Architectural Model Categories Import Categories

By host view By linked view **Custom**

Linked view: Reflected Ceiling Plan: 02 - Floor

View filters: <By linked view>

View range: <By linked view>

Phase: <By linked view> (New Construction)

Phase filter: <By linked view> (Show All)

Detail level: <By linked view> (Coarse)

Discipline: <By linked view> (Architectural)

Color fill: <By linked view>

Object styles: <By linked model>

Nested links: <By linked view>

OK Cancel Apply Help

Revit Links

Underlay	Display Settings
<input type="checkbox"/>	By Linked View

# Customize view by hide the linked grids

The screenshot shows the Autodesk Revit 2018 interface with the RVT Link Display Settings dialog box open. The dialog box has several tabs: Basics, Model Categories, Annotation Categories, and Revit Links. The 'Model Categories' tab is selected, and the 'Grids' category is highlighted in the table. A black arrow points to the 'Grids' row, and another black arrow points to the 'By Linked View' checkbox in the 'Display Settings' column.

Visibility	Projection/Surface			Cut	Haltone
	Lines	Patterns	Transparency		
<input checked="" type="checkbox"/> Curtain Panel Tags					<input type="checkbox"/>
<input checked="" type="checkbox"/> Curtain System Tags					<input type="checkbox"/>
<input checked="" type="checkbox"/> Detail Item Tags					<input type="checkbox"/>
<input checked="" type="checkbox"/> Dimensions					<input type="checkbox"/>
<input checked="" type="checkbox"/> Displacement Path					<input type="checkbox"/>
<input checked="" type="checkbox"/> Door Tags					<input type="checkbox"/>
<input checked="" type="checkbox"/> Electrical Equipment Tags					<input type="checkbox"/>
<input checked="" type="checkbox"/> Electrical Fixture Tags					<input type="checkbox"/>
<input checked="" type="checkbox"/> Floor Tags					<input type="checkbox"/>
<input checked="" type="checkbox"/> Furniture System Tags					<input type="checkbox"/>
<input checked="" type="checkbox"/> Furniture Tags					<input type="checkbox"/>
<input checked="" type="checkbox"/> Generic Annotations					<input type="checkbox"/>
<input checked="" type="checkbox"/> Generic Model Tags					<input type="checkbox"/>
<input type="checkbox"/> Grids					<input type="checkbox"/>
<input checked="" type="checkbox"/> Guide Grid					<input type="checkbox"/>

# Final grids

The screenshot displays the Autodesk Revit 2018 interface for a reflected ceiling plan. The ribbon is set to the 'View' tab, with the 'Elevation' dropdown menu open, showing options like 'Plan Views', 'Drafting View', 'Schedules', 'Duplicate View', and 'Scope Box'. The 'View' dropdown is also open, showing '3D View', 'Section', and 'Callout'. The 'Properties' panel on the right shows the 'Ceiling Plan' properties, including 'View Scale' (1:100), 'Scale Value' (1:100), 'Display Model' (Normal), 'Detail Level' (Coarse), 'Parts Visibility' (Show Original), 'Visibility/Grap...' (Edit...), 'Graphic Displa...' (Edit...), 'Orientation' (Project North), 'Wall Join Disp...' (Clean all wall j...), 'Discipline' (Coordination), 'Show Hidden ...' (By Discipline), 'Default Analys...' (None), 'Sub-Discipline', 'Sun Path', 'Underlay' (Range: Base L... None, Range: Top Le... Unbounded, Underlay Ori... Look up), 'Extents' (Crop View, Crop Region V..., Annotation Cr...), 'View Range' (Edit...), and 'Associated Le...' (02 - Floor). The main view area shows a reflected ceiling plan with a grid system. Two black arrows point to the final grid lines, one at the top and one at the bottom. The Project Browser on the left shows the hierarchy of views, including 'Views (Discipline)', 'Coordination', 'Ceiling Plans', 'Mechanical', 'HVAC', 'Floor Plans', '3D Views', 'Elevations (Building Elevation)', 'Plumbing', 'Schedules/Quantities', 'Sheets (all)', 'Families', and 'Groups'. The status bar at the bottom shows '1:100' and 'Main Model'.

Click to select, TAB for alternates, CTRL adds, SHIFT unselects.



Insert ceiling from linked file

# Insert ceiling to hosted view

The screenshot displays the Autodesk Revit 2018 interface. The main window shows a floor plan view of a building with rooms labeled 'Drafting 208', 'Copy/Print 207', 'Lounge 206', and 'Computer Lab 203'. Grid lines are numbered 6, 7, 8, and 9. A context menu is open over the 'Plan Views' tab, with 'Reflected Ceiling Plan' selected. A tooltip for 'Reflected Ceiling Plan' is visible, stating: 'Creates a reflected ceiling plan view. Reflected ceiling plan views are created automatically as you add new levels to your project. The view range for reflected ceiling plans should be specified as if viewed looking up at the ceiling. Press F1 for more help'. The tooltip includes a small 3D diagram of a reflected ceiling plan. The Project Browser on the left shows the hierarchy: Views (Discipline) > Mechanical > HVAC > Floor Plans > 02 - Floor. The Properties panel on the right shows the 'Floor Plan' properties, including View Scale (1:100), Display Model (Normal), and Orientation (Project North).

Autodesk Revit 2018 - first Project1.rvt - Floor Plan: 02 - Floor

File Architecture Structure Systems Insert Annotate Analyze Massing & Site Collaborate View Manage Add-Ins Modify

Plan Views  
Floor Plan  
Reflected Ceiling Plan  
Structural  
Plan Reference  
Area Plan

**Reflected Ceiling Plan**  
Creates a reflected ceiling plan view.  
Reflected ceiling plan views are created automatically as you add new levels to your project. The view range for reflected ceiling plans should be specified as if viewed looking up at the ceiling.  
Press F1 for more help

Project Browser - first Project1.rvt

- Views (Discipline)
- Mechanical
  - HVAC
    - Floor Plans
      - 01 - Entry Level
      - 02 - Floor**
      - 03 - Floor
      - Roof
    - 3D Views (3D)
    - Elevations (Building Elevation)
      - East - Mech
      - North - Mech
      - South - Mech
      - West - Mech
    - Plumbing
      - Plumbing
        - 3D Views (3D)
        - 3D Plumbing
        - Elevations (Building Elevation)
          - East - Plumbing
          - North - Plumbing
          - South - Plumbing
          - West - Plumbing
- Legends
- Schedules/Quantities
- Sheets (all)
- Families
- Groups
- Revit Links
- Arch Link Model.rvt

Properties

Floor Plan

Floor Plan: 02 - Floor Edit Type

Graphics

View Scale 1 : 100

Scale Value 1 : 100

Display Model Normal

Detail Level Medium

Parts Visibility Show Original

Visibility/Graphic Edit...

Graphic Display Style Edit...

Orientation Project North

Wall Join Display Clean all wall joins

Discipline Mechanical

Show Hidden By Discipline

Color Scheme Background

Color Scheme <none>

System Color Edit...

Default Analysis None

Sub-Discipline HVAC

Sun Path

Underlay

Range: Base Level None

Range: Top Level Unbounded

Underlay Orientation Look down

Extents

Crop View

Crop Region Visibility

Annotation Crop

Properties help Apply

1 : 100 Main Model

Click to select, TAB for alternates, CTRL adds, SHIFT unselects.

EN 12:33 ۲۰۱۸/۰۷/۲۹

# Insert ceiling to hosted view

The screenshot displays the Autodesk Revit 2018 interface. The main window shows a floor plan view of a building with several rooms: 'Drafting 208', 'Instruction 205', 'Instruction 204', and 'Computer Lab 203'. Grid lines are labeled 6, 7, 8, and 9 horizontally, and 202, 203, 204, 205 vertically. A 'New RCP' (New Room Ceiling Plan) dialog box is open in the center, with 'Ceiling Plan' selected in the 'Type' dropdown. The 'Level' list in the dialog has '02 - Floor' selected, indicated by a blue highlight and a black arrow. The 'Do not duplicate existing views' checkbox is checked. The Properties panel on the right shows the 'Floor Plan' settings, including 'View Scale' set to 1:100, 'Display Model' set to Normal, and 'Orientation' set to Project North. The Project Browser on the left shows the 'Views (Discipline)' tree with 'Mechanical' > 'HVAC' > 'Floor Plans' > '02 - Floor' selected.

# Insert ceiling to hosted view

The screenshot displays the Autodesk Revit 2018 interface. The title bar indicates the current view is "first Project1.rvt - Reflected Ceiling Plan: 03 - Floor". The ribbon is set to the "View" tab, with the "Plan Views" panel active. The "Hosted View" tool is highlighted in the ribbon, and a blue arrow points to it. The Project Browser on the left shows the "Views (Discipline)" tree, with "Ceiling Plans" expanded and "03 - Floor" selected, indicated by a blue arrow. The main view area shows a grid of rooms with grid lines labeled 6, 7, 8, and 9. A blue arrow points to the grid line between 7 and 8. The Properties panel on the right shows the "Floor Plan: 02 - Floor" view, with the "Graphics" section expanded. The "View Scale" is set to "1:100". The "System Color" is set to "<none>". The "Default Analysis" is set to "None". The "Sub-Discipline" is set to "HVAC". The "Sun Path" is unchecked. The "Underlay" section shows "Range: Base L..." set to "None". The "Extents" section shows "Crop View" and "Crop Region V..." unchecked. The "Properties help" button is visible at the bottom of the Properties panel.

Create Room Bounding

# Enable Room Bounding

The image shows the Autodesk Revit 2018 software interface. The main window displays a floor plan of a building. On the left, the Project Browser shows the hierarchy of views, with '02 - Floor' selected. A context menu is open over the 'Arch Link Model.rvt' element in the Project Browser, with 'Type Properties...' highlighted. A blue circle highlights the 'Type Properties...' option, and a black arrow points to it. Another black arrow points to the 'Arch Link Model.rvt' element in the Project Browser. The Properties panel on the right shows the 'Room Bounding' checkbox checked under the 'Constraints' section. The status bar at the bottom indicates 'Element Properties' and 'Main Model'.

Autodesk Revit 2018 - first Project1.rvt - Floor Plan: 02 - Floor

File Architecture Structure Systems Insert Annotate Analyze Massing & Site Collaborate View Manage Add-Ins Modify

Modify View Templates Thin Lines Graphics Show Hidden Lines Remove Hidden Lines Cut Profile Render Render in Cloud Render Gallery Presentation 3D View Section Callout Plan Views Drafting View Schedules Sheet Title Block Matchline View Revisions View Reference Guide Grid Viewports Switch Windows Close Hidden Tile User Interface

Project Browser - first Project1.rvt

- Views (Discipline)
- Coordination
- Mechanical
  - HVAC
    - Floor Plans
      - 01 - Entry Level
      - 02 - Floor**
      - 03 - Floor
      - Roof
    - 3D Views (3D)
    - Elevations (Building Elevation)
      - East - Mech
      - North - Mech
      - South - Mech
      - West - Mech
  - Plumbing
    - Plumbing
    - 3D Views (3D)
    - Elevations (Building Elevation)
      - East - Mech
      - North - Mech
      - South - Mech
      - West - Mech
- Legends
- Schedules/Quantities
- Sheets (all)
- Families
- Groups
- Revit Links
- Arch Link Model.rvt

Properties

Linked Revit Model Arch Link Model.rvt

RVT Links (1) Edit Type

Constraints

Room Bounding

Other

Reference Type Overlay

Phase Mapping Edit...

Click or Right click

1 : 100

Element Properties Main Model

01:00

EN

# Enable Room Bounding

The screenshot displays the Autodesk Revit 2018 software interface. The main window shows a floor plan with several rooms outlined in red dashed lines, indicating room bounding. The 'Type Properties' dialog box is open in the foreground, showing the 'Constraints' section with 'Room Bounding' checked. The 'Other' section shows 'Reference Type' set to 'Overlay' and 'Phase Mapping' set to 'Edit...'. The 'Properties' panel on the right shows 'Room Bounding' unchecked. A Symantec Endpoint Protection notification is visible in the bottom right corner.

Autodesk Revit 2018 - first Project1.rvt - Floor Plan: 02 - Floor

File Architecture Structure Systems Insert Annotate Analyze Massing & Site Collaborate View Manage Add-Ins Modify

Modify View Visibility/ Graphics Show Hidden Lines Render Templates Filters Remove Hidden Lines Thin Lines Cut Profile Render in Cloud Render Gallery Presentation

3D View Section Callout Plan Views Drafting View Schedules Sheet Title Block Matchline View Revisions View Reference Guide Grid Viewports Switch Windows Close Hidden Tile User Interface

Project Browser - first Project1.rvt

Type Properties

Family: System Family: Linked Revit Model Load...

Type: Arch Link Model.rvt Duplicate... Rename...

Type Parameters

Parameter	Value
<b>Constraints</b>	
Room Bounding	<input checked="" type="checkbox"/>
<b>Other</b>	
Reference Type	Overlay
Phase Mapping	Edit...

<< Preview OK Cancel Apply

Properties

Linked Revit Model Arch Link Model.rvt

RVT Links (1) Edit Type

Constraints

Room Bounding

Other

Reference Type Overlay

Phase Mapping Edit...

Symantec Endpoint Protection

Traffic has been blocked from this application: svchost.exe

Ready 1:100 Main Model 01:01