

AB1356 - Autodesk® Revit® Architecture 2014 New Features

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Senior Application Specialist – Southeast Territory



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Class summary

- Learn about the exciting new features in Autodesk Revit Architecture 2014 software. Get introduced to new concepts of Building Information Modeling (BIM) and efficient, easy-to-use tools for parametric design and documentation.

Key learning objectives

At the end of this lecture, you will be able to:

- Describe the new features, concepts, and benefits of Building Information Modeling
- Explain the fundamental concepts and features of Autodesk Revit Architecture
- Use the parametric 3D design tools to start designing projects
- Develop an initial level of comfort and confidence with the new tools in Autodesk Revit

Welcome!

- Glad you are part of the Lecture



Housekeeping

- 60 Minute Lecture
- Please turn your mobile device to silent mode
- Who is in the audience?
- What do you hope to get out of this class?



Speaker Bio

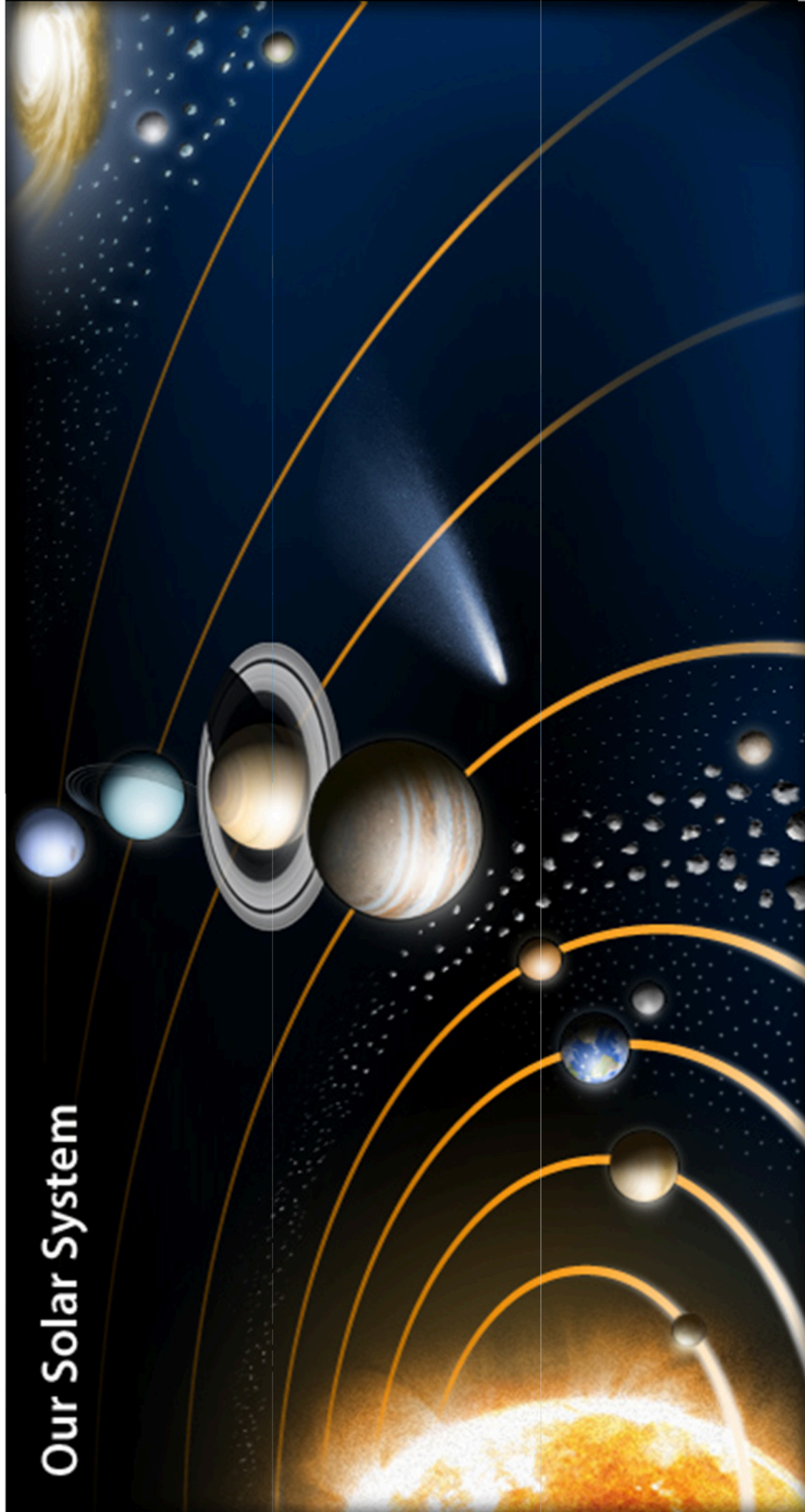
Michael “Zee” Zeeveld, Assoc. AIA , ACI

- Senior Application Specialist, Applied Software – Atlanta, GA
- 18 years of AEC Experience
- Autodesk Revit Certified Professional
- Autodesk Consulting Specialization
- Autodesk Structural Specialization
- Autodesk 3ds Max Design Certified Associate
- Speaker at AU 2006, 2010, 2012 and 2013
- Presenter at AUGI CAD Camp and AIA
- Speaker at RTC – Revit Technology Conference 2012
- Certified Autodesk Instructor



Autodesk®
Certified Instructor

Our Solar System

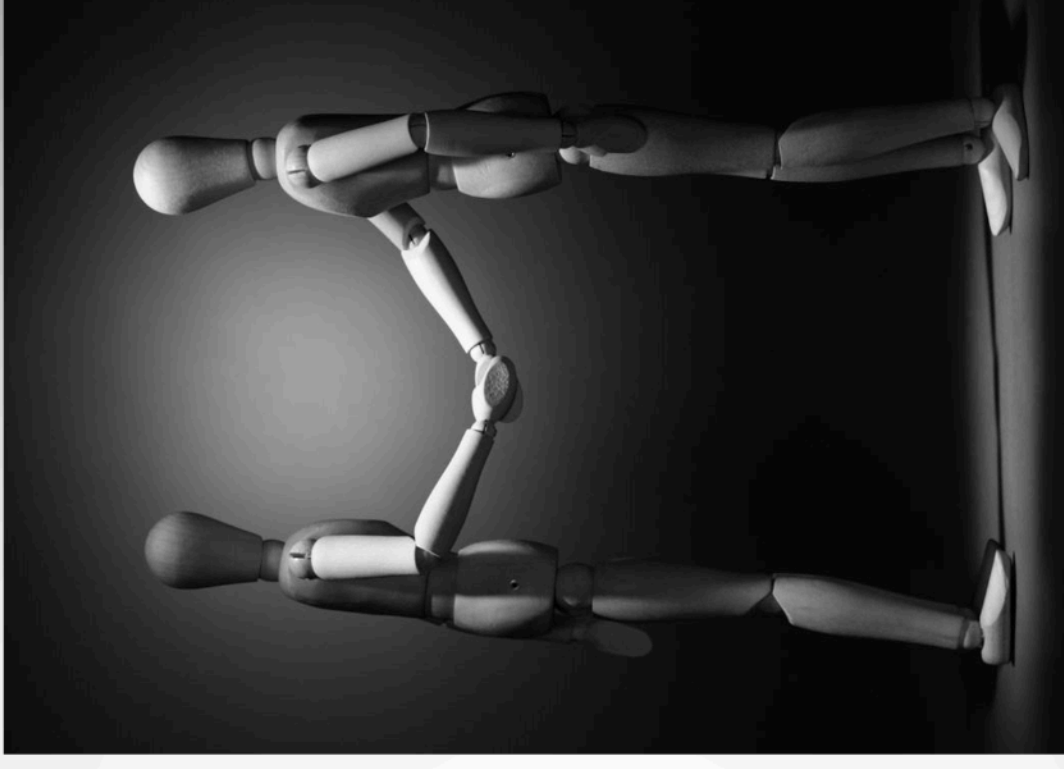


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Say Hello

- Meet your neighbor



Topics

- Non-rectangular crop regions
- Element selection toggles
- Displace Element
- Split segment
- “Use Optimized View Navigation”
- Schedules enhancements
- Temporary view properties

New Features



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New Features

Non-Rectangular Crop Regions

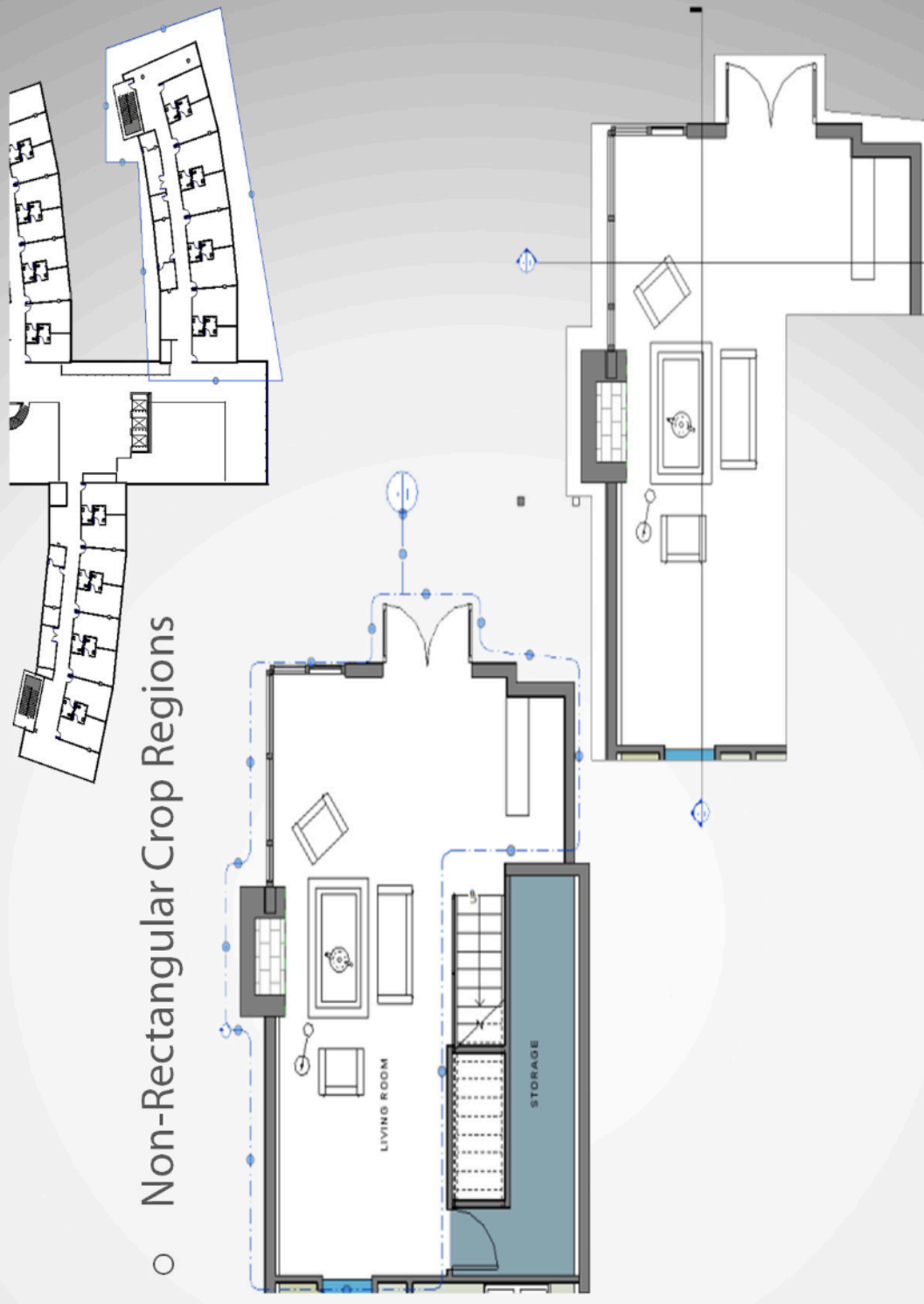
- **Non-Rectangular Crop Regions**
- Reference and crop regions of arbitrary shape
- More efficient documentation layout
- Easier presentation of referenced model areas



New Features

Non-Rectangular Crop Regions

- Non-Rectangular Crop Regions

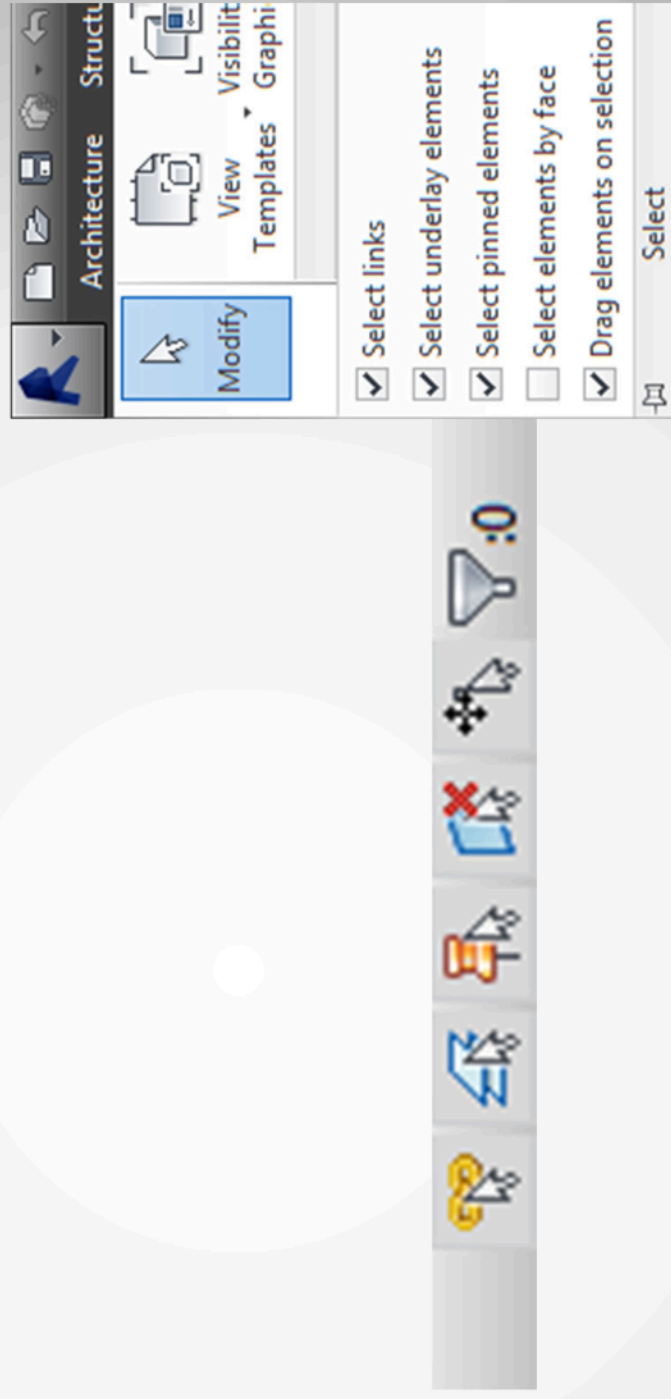




New Features

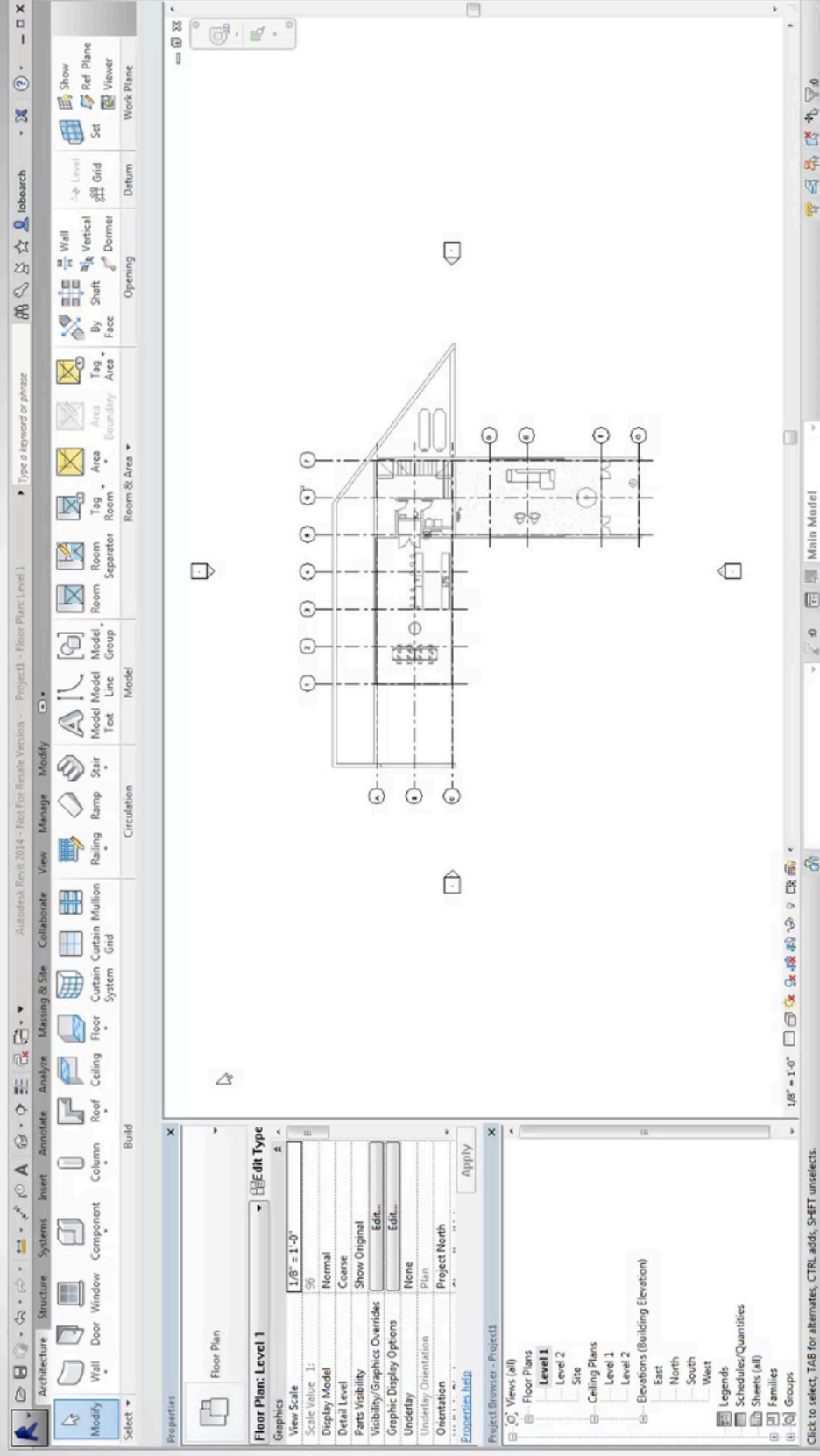
Element selection toggles

- Element selection toggles for links, underlays, pinned items, and select by faces



New Features

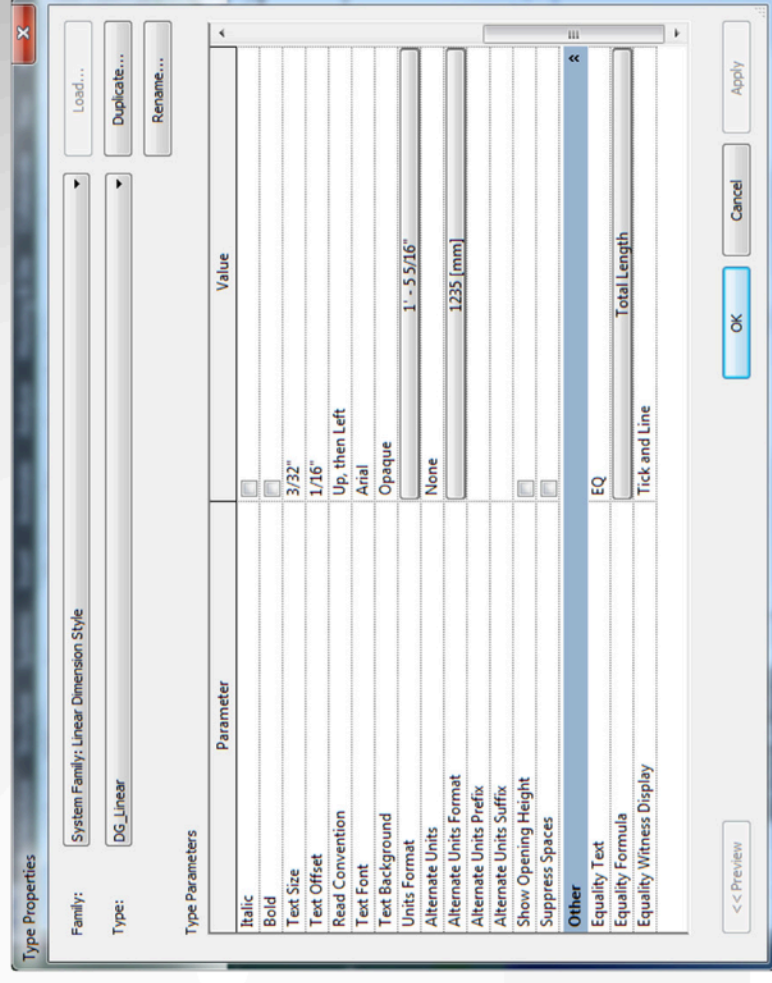
Element selection toggles



New Features

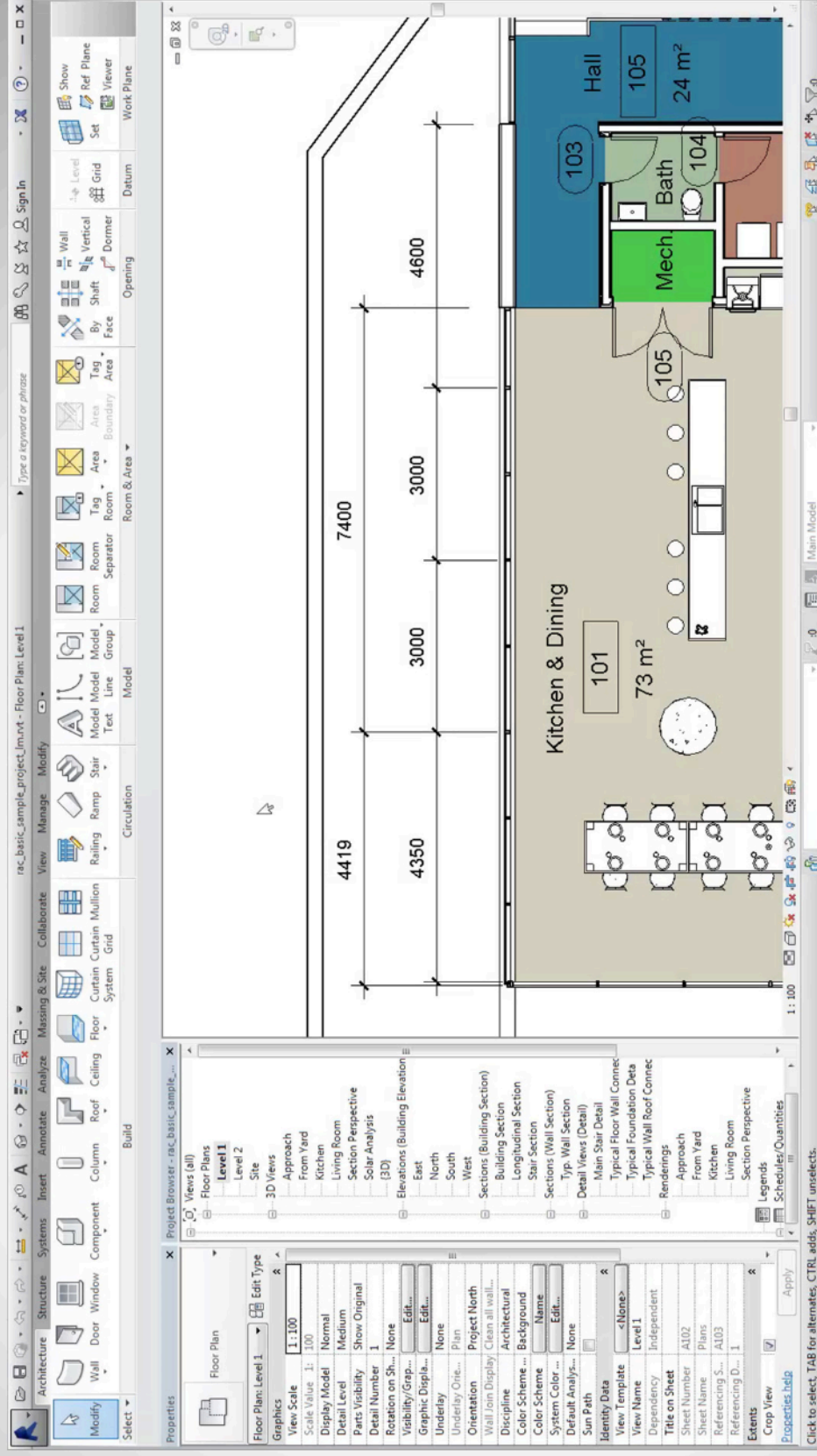
Alt. Dimensions

- Primary Dimensions
- Alternate Dimensions



New Features

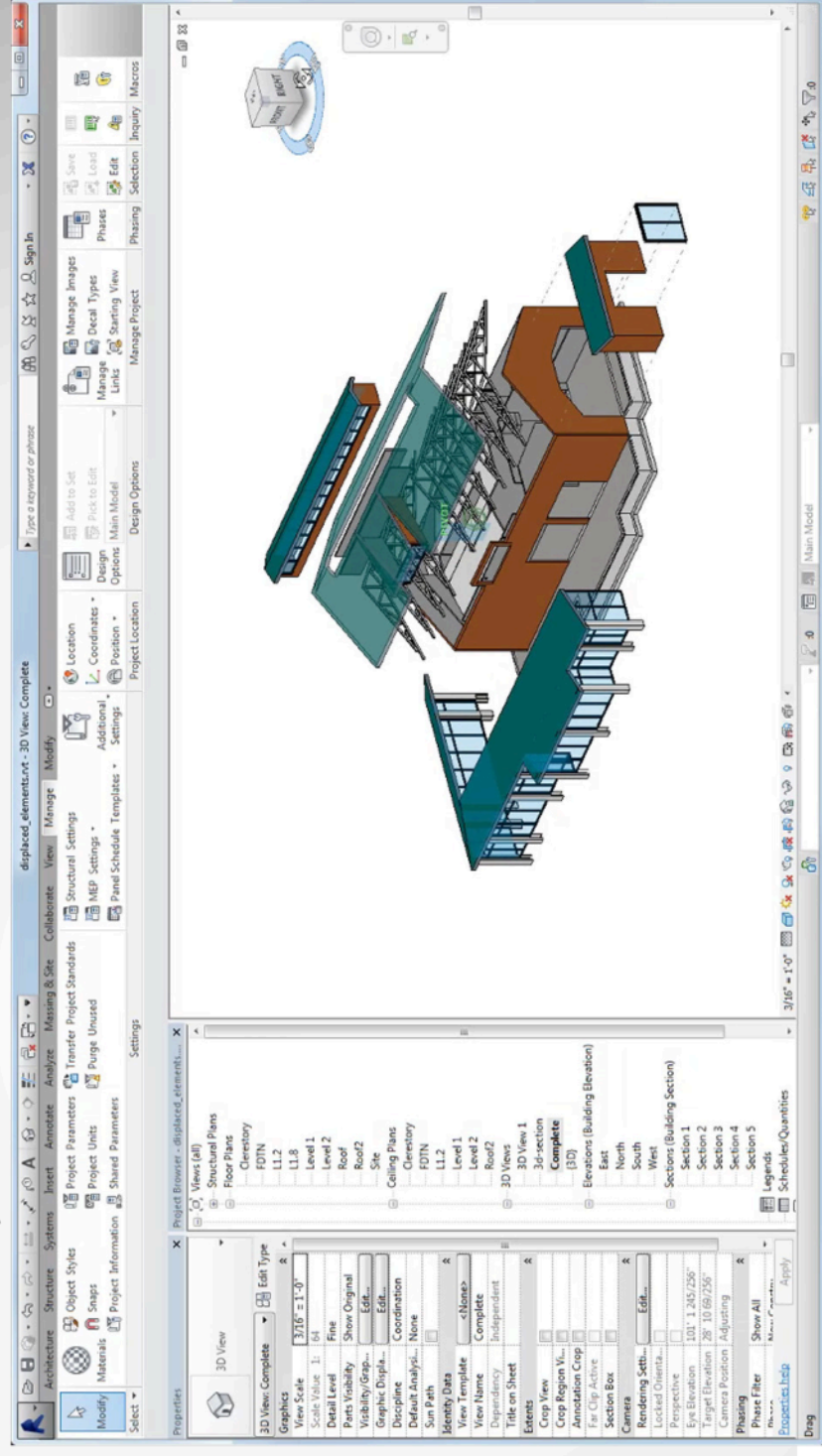
Alt. Dimensions



New Features

Displace Element

- Displace Element: new tool to create **exploded views** in any 3D view

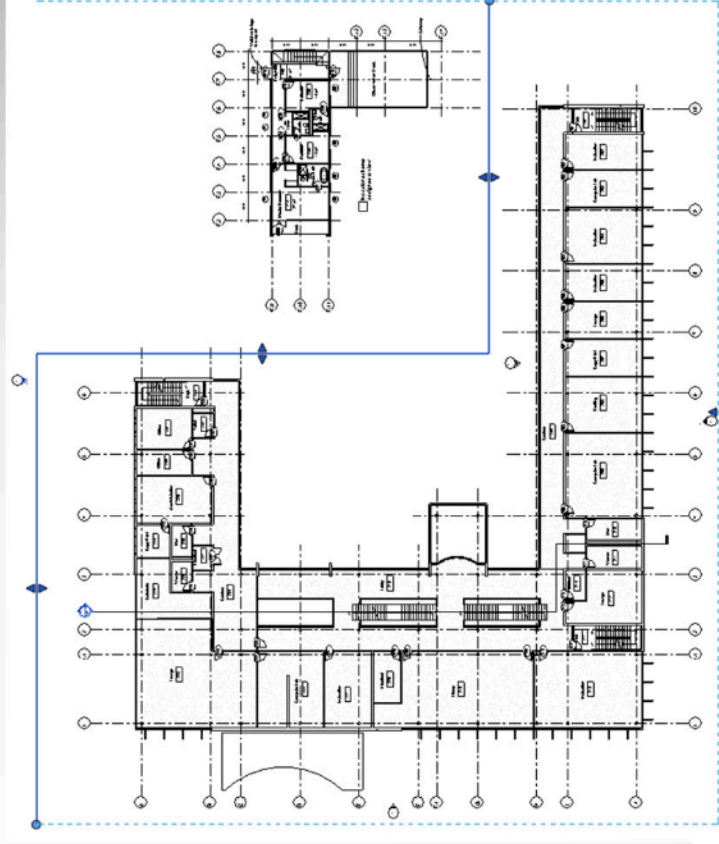


New Features

New Features



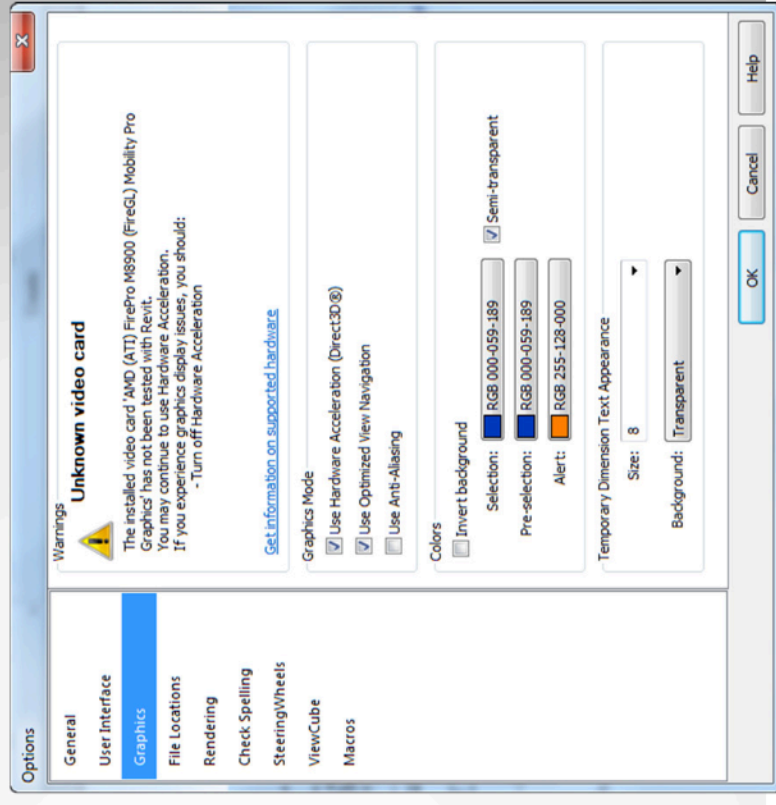
- **Split segment feature for elevations**
- Manage elevation cut-line configuration
- Exclude unwanted or overlapping objects in elevation



New Features

Optimized View Navigation

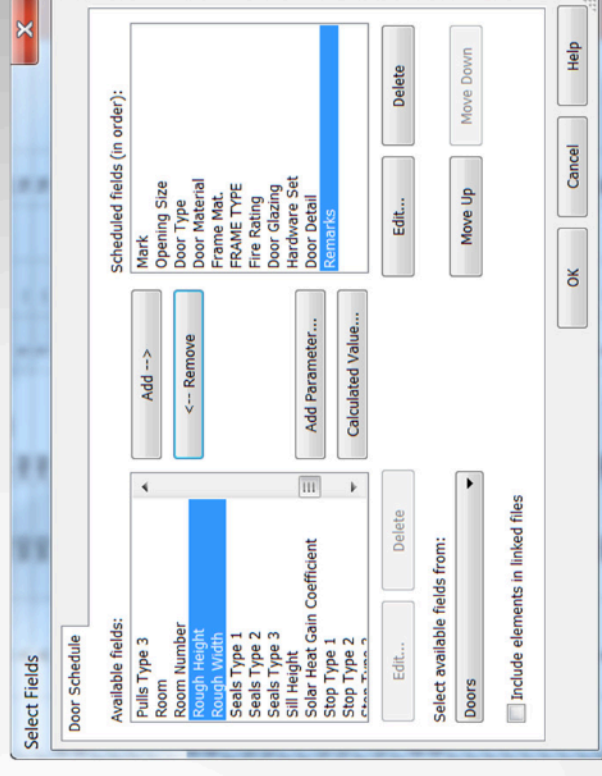
- “Use Optimized View Navigation” setting that significantly improves performance



New Features

Schedules enhancements

- Text properties and table formatting improvements
- Improved data access, display, and relationships
- Ability to display graphics in schedule headers



New Features

Schedules enhancements

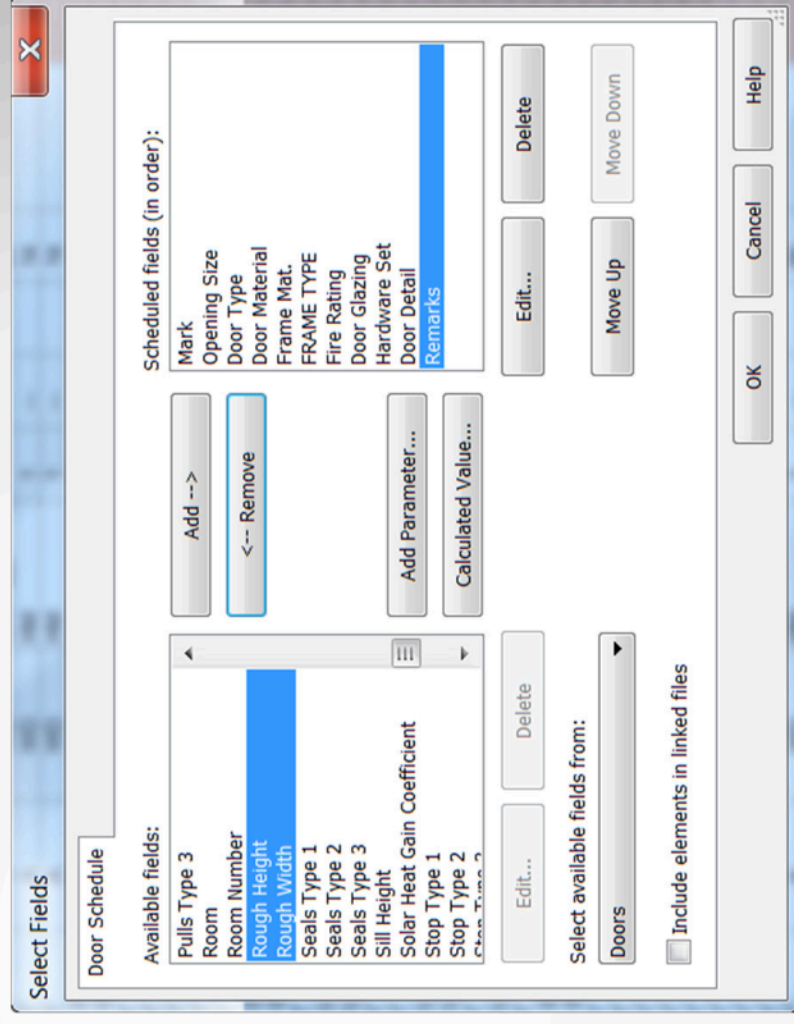
<DOOR & FRAME SCHEDULE>

A	B	C	D	E	F	G	H	I	J	K	L	M
Open'g No.	Opening Size (width x height)	Door Elev.	Door Mat'l.	Frame Mat'l.	Frame Type	Fire Rating	Glass Type	Hdwr Set	Frame Details	Remarks	Rough Height	Rough Width
100A	SEE ELEV.	G	WD	GYP. BD.	1	---	---	20		500 lbs	7'-4"	3'-4"
100B	SEE ELEV.	G	WD	GYP. BD.	1	---	---	20		500 lbs	7'-4"	3'-4"
100C	3'-0"x7'-0"	A	WD	HM	1	---	---	14			7'-2"	3'-4"
100D	3'-0"x7'-0"	A	WD	HM	1	---	---	14			7'-2"	3'-4"
100E	(2)3'-0"x7'-0"	D	ALUM	ALUM	SE	---	---	17			7'-2"	3'-4"
100F	(2)3'-0"x7'-0"	D	ALUM	ALUM	SE	---	---	17			7'-2"	3'-4"
101A	3'-0"x7'-0"	B	WD	HM	1	---	---	23			7'-2"	3'-4"
101B	3'-0"x7'-0"	B	WD	HM	1	---	---	24			7'-2"	3'-4"
102A	3'-0"x7'-0"	A	WD	HM	1	---	---	02			7'-2"	3'-4"
102B	3'-0"x7'-0"	A	WD	HM	1	---	---	02			7'-2"	3'-4"
102D	3'-0"x7'-0"	A	HM	HM	1	---	---	26			7'-2"	3'-4"
103A	(2)3'-0"x7'-0"	A	WD	HM	1	---	---	27			7'-2"	6'-4"
104	(2)3'-0"x7'-0"	D	ALUM	ALUM	SE	---	---	17			7'-4"	3'-4"
106A	3'-0"x7'-0"	D	ALUM	ALUM	SE	---	---	13			7'-4"	3'-4"
106B	SEE ELEV.	F	WD	GYP. BD.	SE	---	---	20		300 lbs	7'-4"	3'-4"
106C	SEE ELEV.	F (SIM.)	WD	GYP. BD.	SE	---	---	20		550 lbs	7'-4"	3'-4"
107	3'-0"x7'-0"	D	ALUM	ALUM	SE	---	---	30				
108A	3'-0"x7'-0"	I	ALUM	ALUM	SE	---	---	13				
108B	SEE ELEV.	F	WD	GYP. BD.	SE	---	---	20		300 lbs	7'-4"	3'-4"
108C	SEE ELEV.	F (SIM.)	WD	GYP. BD.	SE	---	---	20		550 lbs	7'-4"	3'-4"
109	3'-0"x7'-0"	A	WD	HM	1	---	---	01		200 lbs	9'-2"	4'-4"
110A	SEE ELEV.	H	WD	GYP. BD.	SE	---	---	28				
110B	3'-0"x7'-0"	I	ALUM	ALUM	SE	---	---	13				
112	(2)3'-0"x7'-0"	D	ALUM	ALUM	SE	---	---	19				
113	(2)3'-0"x7'-0"	D	ALUM	ALUM	SE	---	---	18				
115A	3'-0"x7'-0"	D	WD	WD	SE	---	---	29				
115B	3'-0"x7'-0"	D	WD	WD	SE	---	---	29				
116	3'-6"x7'-0"	D	ALUM	ALUM	SE	---	---	11				
117	3'-0"x7'-0"	D	WD	HM	1	---	---	25				
119	3'-0"x7'-0"	A	WD	HM	1	---	---	08			7'-2"	3'-10"
120	3'-0"x7'-0"	A	WD	HM	1	---	---	03			7'-2"	3'-10"
121	3'-0"x7'-0"	A	WD	HM	1	---	---	05			7'-2"	3'-4"
122	3'-0"x7'-0"	A	WD	HM	1	---	---	03			7'-2"	3'-4"
123	3'-0"x7'-0"	A	WD	HM	1	---	---	05			7'-2"	3'-4"
124	3'-0"x7'-0"	B	WD	HM	1	---	---	07			7'-2"	3'-4"
124B	(2)3'-0"x7'-0"	A	HM	HM	1	---	---	22		2	7'-2"	6'-4"
125	3'-0"x7'-0"	D	WD	ALUM	SE	---	---	04				

New Features

Schedules enhancements

- Schedules enhancements



New Features

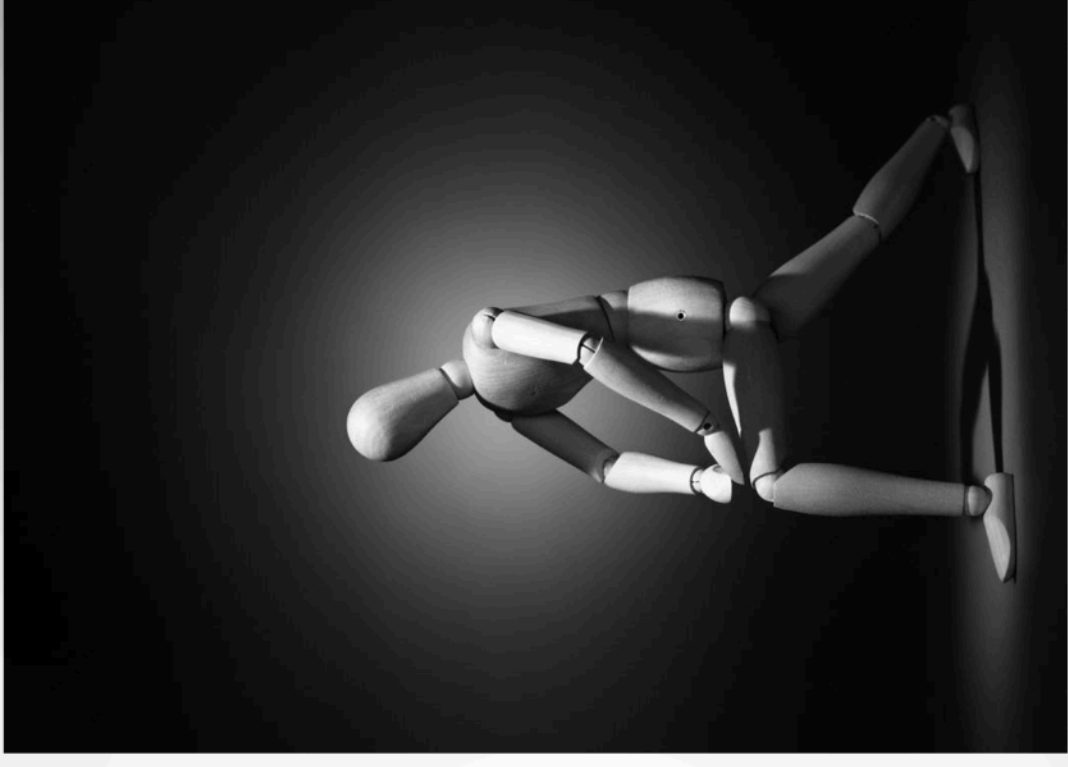
Schedule Enhancements

The screenshot displays the Revit software interface with the 'Schedule Door Schedule' window open. The window shows a table of door schedule data. The table has the following columns: Level and Door Mark, Room Number and Name, Family, Width, Height, Thickness, Type, and Comments. The table lists various door types and their dimensions. The interface also shows the 'Properties' panel on the left with tabs for 'Schedule', 'Parameters', and 'Appearance'. The 'Schedule' tab is active, showing the 'Schedule Door Sched' and 'View Template' options. The 'Parameters' tab shows the 'Format Calculated' and 'Unit' options. The 'Appearance' tab shows the 'Shading Borders' and 'Rest Font' options. The 'Columns' and 'Rows' sections are visible at the bottom of the window.

A	B	C	D	E	F	G	H	I	J
Level and Door Mark	Room Number and Name	Family	Width	Height	Thickness	Type	Comments		
01 - Entry Level	101A	101	Vest.	M. Curtain Wall Dbl Glass	1630	2134	25	M. Curtain Wall Dbl Glass	New Door
01 - Entry Level	101B	101	Vest.	M. Curtain Wall Dbl Glass	1630	2134	25	M. Curtain Wall Dbl Glass	New Door
01 - Entry Level	101C	101	Vest.	M. Curtain Wall Dbl Glass	1630	2134	25	M. Curtain Wall Dbl Glass	New Door
01 - Entry Level	101D	101	Vest.	M. Curtain Wall Dbl Glass	1630	2134	25	M. Curtain Wall Dbl Glass	New Door
01 - Entry Level	103	103	Conference	M. Single-Flush	915	2134	51	0915 x 2134mm	Exit to Remot
01 - Entry Level	104A	104	Instruction	M. Single-Flush	915	2134	51	0915 x 2134mm	Exit to Remot
01 - Entry Level	104B	104	Instruction	M. Single-Flush	915	2134	51	0915 x 2134mm	Exit to Remot
01 - Entry Level	105A	105	Instruction	M. Single-Flush	915	2134	51	0915 x 2134mm	Exit to Remot
01 - Entry Level	105B	105	Instruction	M. Single-Flush	915	2134	51	0915 x 2134mm	Exit to Remot
01 - Entry Level	106A	106	Instruction	M. Single-Flush	915	2134	51	0915 x 2134mm	Exit to Remot
01 - Entry Level	106B	106	Instruction	M. Single-Flush	915	2134	51	0915 x 2134mm	Exit to Remot
01 - Entry Level	108A	108	Instruction	M. Single-Flush	915	2134	51	0915 x 2134mm	Exit to Remot
01 - Entry Level	108B	108	Instruction	M. Single-Flush	915	2134	51	0915 x 2134mm	Exit to Remot
01 - Entry Level	109	109	Women	M. Single-Flush	915	2134	51	0915 x 2134mm	Exit to Remot
01 - Entry Level	110	110	Men	M. Single-Flush	915	2134	51	0915 x 2134mm	Exit to Remot
01 - Entry Level	111	111	Lounge	M. Single-Flush	915	2134	51	0915 x 2134mm	Exit to Remot
01 - Entry Level	112	112	Electrical	M. Single-Flush	915	2134	51	0915 x 2134mm	Exit to Remot
01 - Entry Level	114	114	Stair	M. Curtain Wall Sgl Glass	1830	2134	25	M. Curtain Wall Sgl Glass	New Door
01 - Entry Level	115	115	Instruction	M. Double-Flush	1830	2134	51	1830 x 2134mm	New Door
01 - Entry Level	116	116	Conference	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	117	117	Instruction	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	118	118	Electrical	M. Double-Flush	1730	2134	51	1730 x 2134mm	New Door
01 - Entry Level	119A	119	Sprinkler	M. Double-Flush	1730	2134	51	1730 x 2134mm	New Door
01 - Entry Level	119B	119	Sprinkler	M. Double-Flush	1730	2134	51	1730 x 2134mm	New Door
01 - Entry Level	120	120	Lobby	M. Double-Flush	1730	2134	51	1730 x 2134mm	New Door
01 - Entry Level	121	121	Lobby	M. Double-Flush	1730	2134	51	1730 x 2134mm	New Door
01 - Entry Level	122	122	Conference	M. Single-Flush-Dbl Acting	1830	2134	51	1830 x 2134mm	New Door
01 - Entry Level	123	123	Conference	M. Double-Flush	1830	2134	51	1830 x 2134mm	New Door
01 - Entry Level	124	124	Prep/Dish	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	125	125	Electrical	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	126	126	Admin	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	127	127	Admin	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	128	128	Storage	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	129	129	Storage	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130A	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130B	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130C	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130D	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130E	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130F	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130G	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130H	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130I	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130J	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130K	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130L	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130M	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130N	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130O	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130P	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130Q	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130R	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130S	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130T	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130U	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130V	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130W	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130X	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130Y	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130Z	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130AA	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130AB	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130AC	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130AD	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130AE	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130AF	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130AG	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130AH	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130AI	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130AJ	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130AK	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130AL	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130AM	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130AN	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130AO	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130AP	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130AQ	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130AR	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130AS	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130AT	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130AU	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130AV	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130AW	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130AX	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130AY	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130AZ	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130BA	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130BB	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130BC	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130BD	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130BE	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130BF	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130BG	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130BH	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130BI	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130BJ	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130BK	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130BL	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130BM	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130BN	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130BO	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130BP	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130BQ	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130BR	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130BS	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130BT	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130BU	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130BV	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130BW	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130BX	130	Stair	M. Single-Flush	915	2134	51	0915 x 2134mm	New Door
01 - Entry Level	130BY	130	Stair	M.					

Stretch

- Get up and stretch out!



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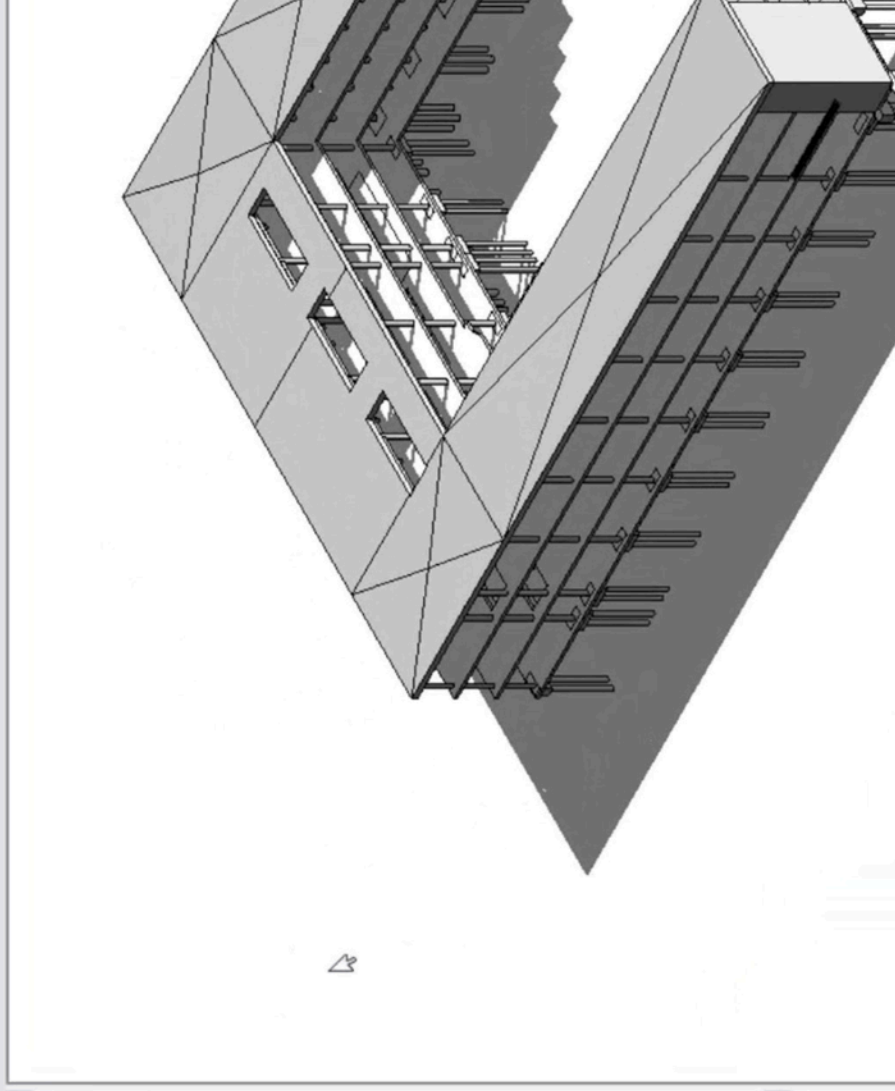
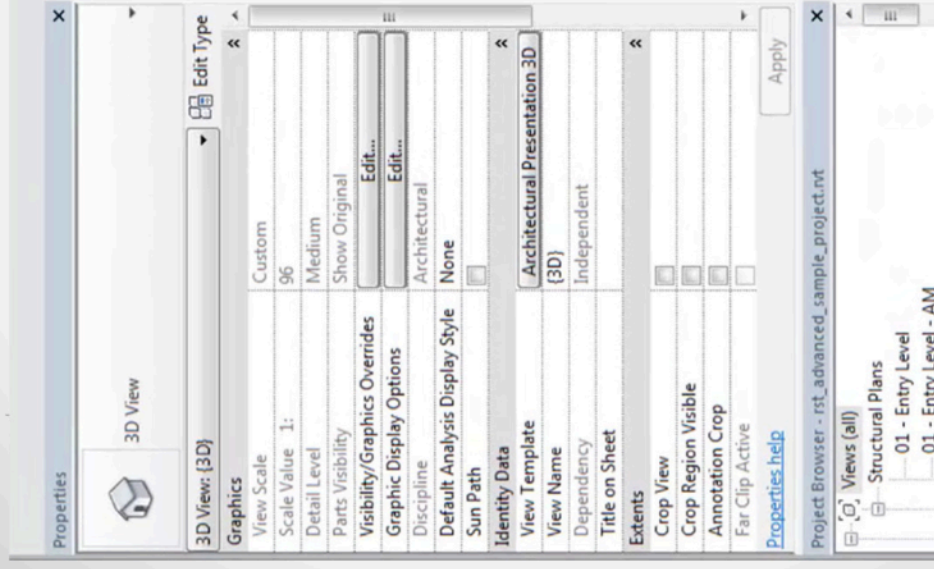
New Features

Temporary view properties

- Temporary view properties, especially nice for views with a fixed View Template

New Features

Temporary view properties







New Features

Additional

- Building Element
 - Energy Analysis
 - Crop Regions
- Dockable Window
 - Parameter
 - Variance for Groups
 - Stairs & Railings Enhancements
- Framework and Enhancements
 - Room Calculation
 - Point Cloud Improvements
- Double-Click to Edit
 - Point
 - Alternate Dimensions
- Enhancements
 - Schedules
 - Enhanced API
- Interoperability
 - Selection Enhancements
- Enhancements
 - Split Elevations
- Materials UI
 - Temporary View Templates
- Enhancements
 - View Navigation
- Productivity
 - Performance
- Enhancements
 - Non-Rectangular

Revit 2013

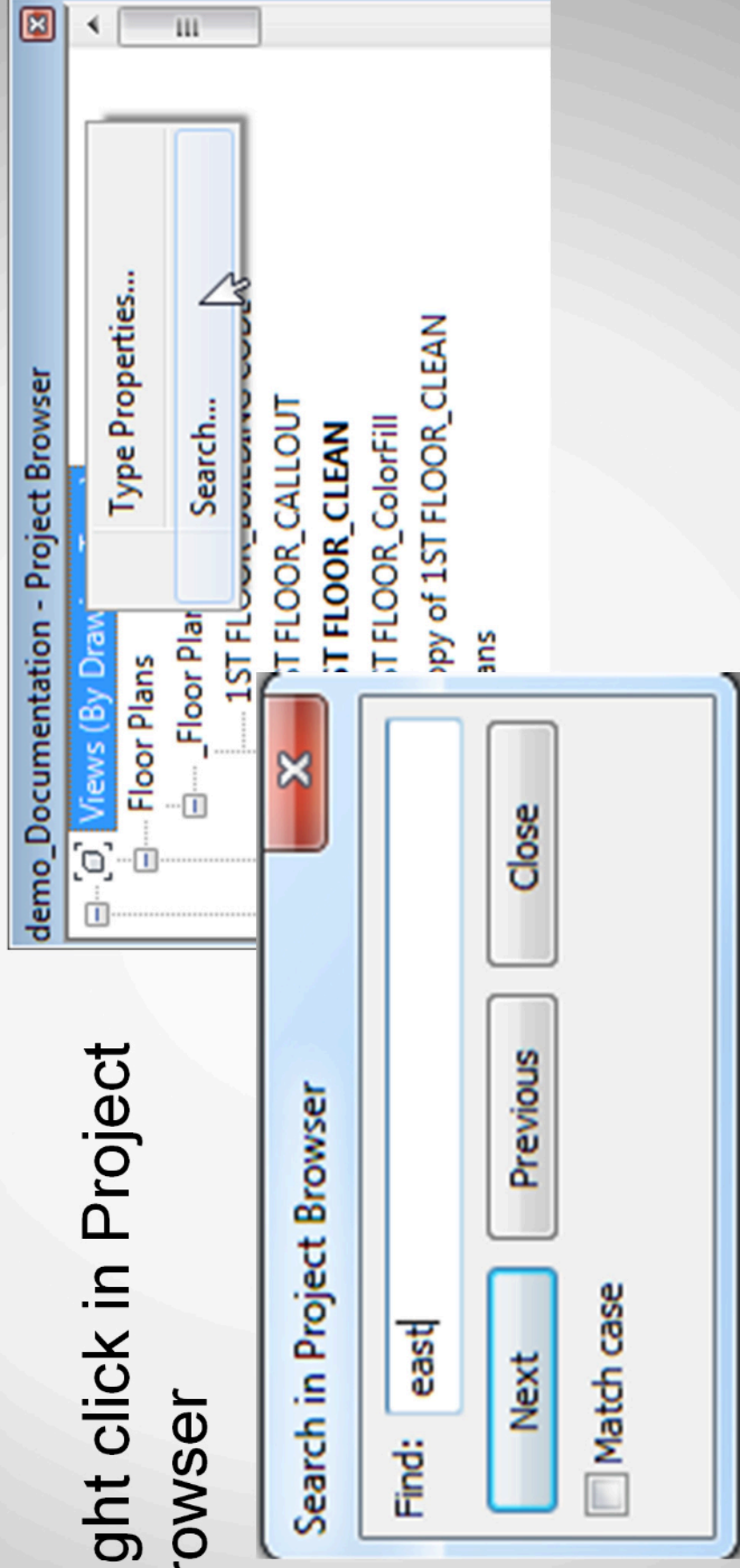


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Searchable Project Browser

- Right click in Project Browser



View Templates

- Assign by a view template properties
- Template to view
- Future changes to template affects views it is assigned to

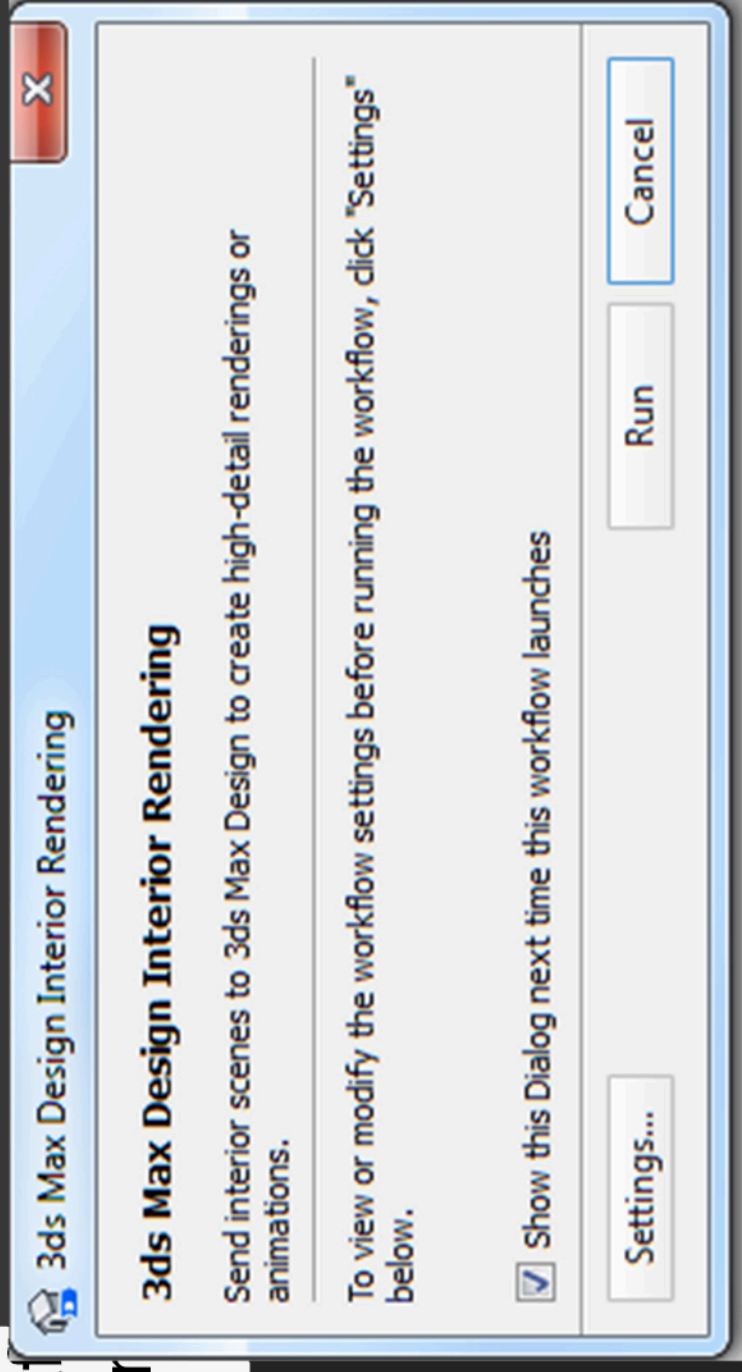


View Properties

Number of views with this template assigned: **1**

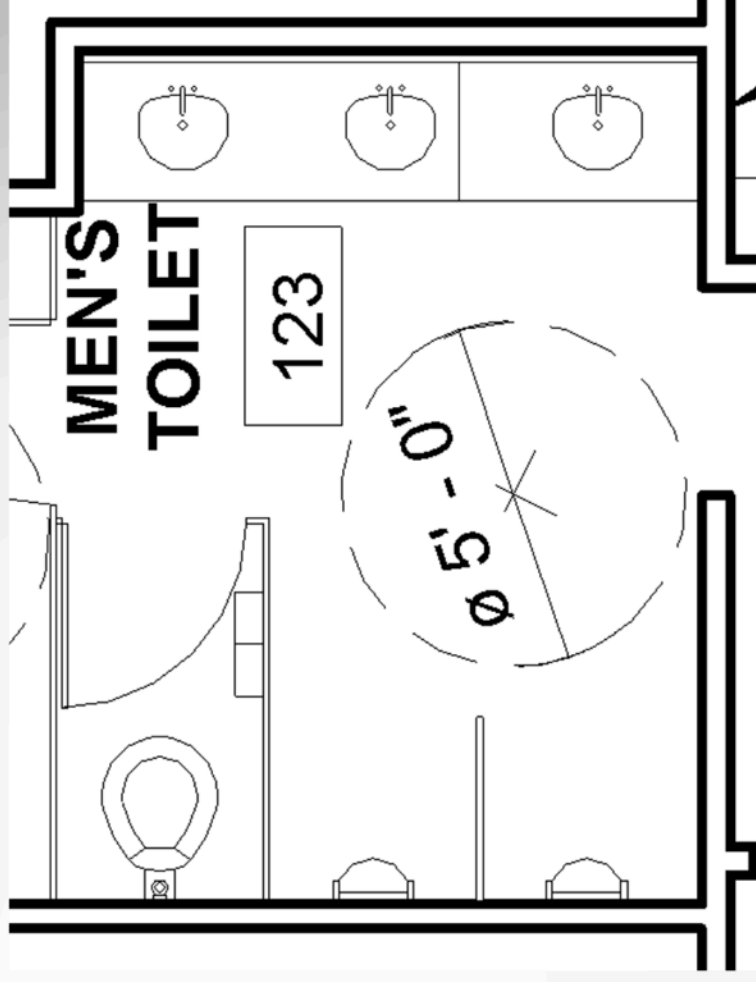
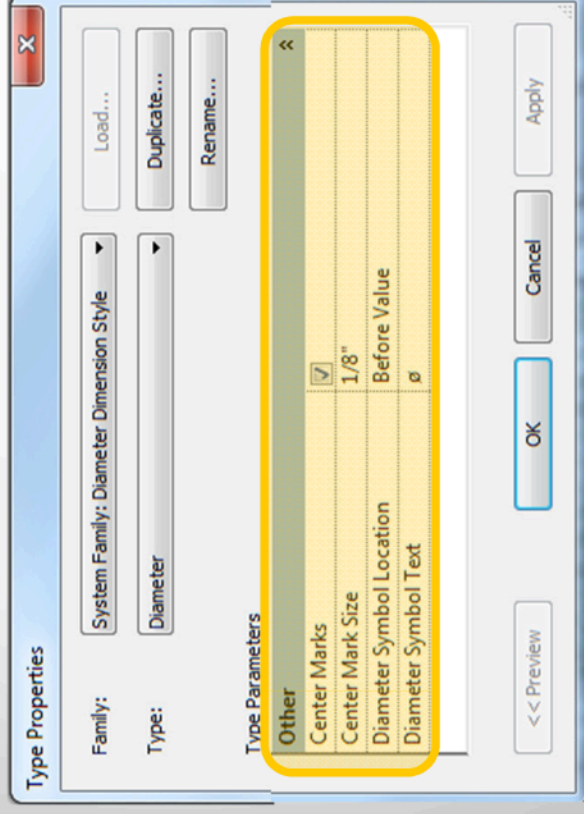
Suite Workflow

- Simplified workflow
- 3ds Max Design
- Showcase



Dimensions

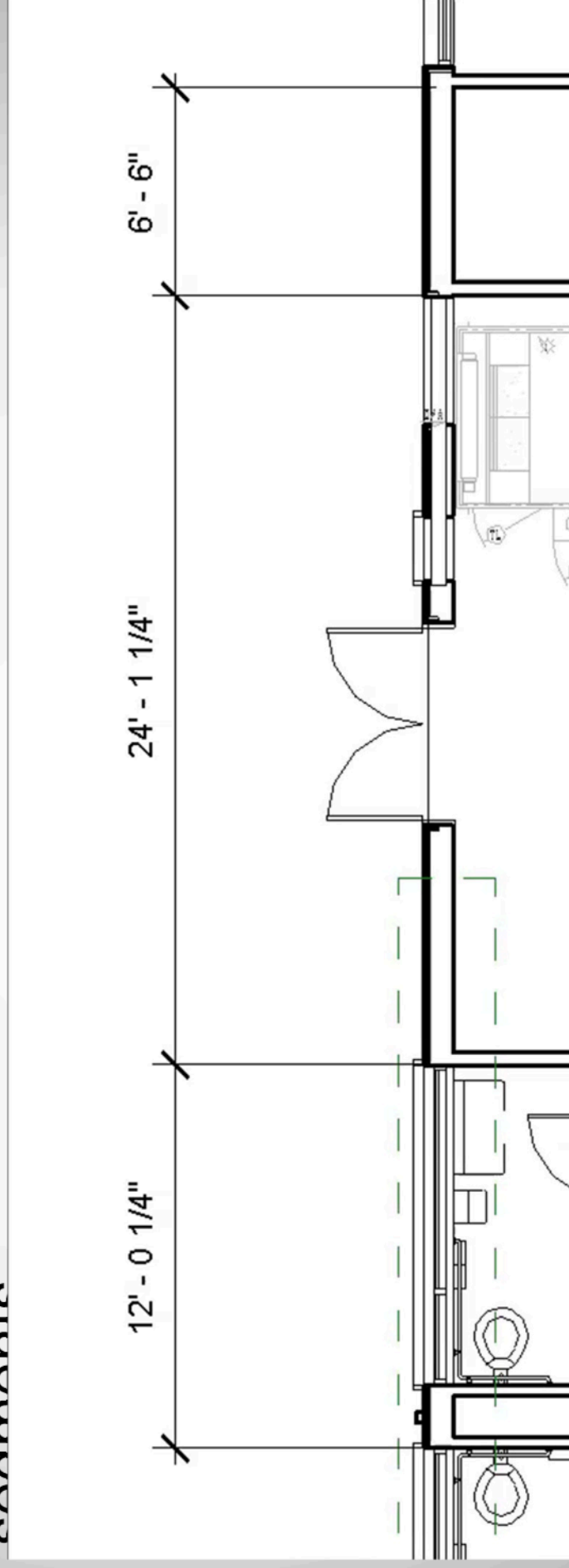
- Diameter Dims



Dimensions

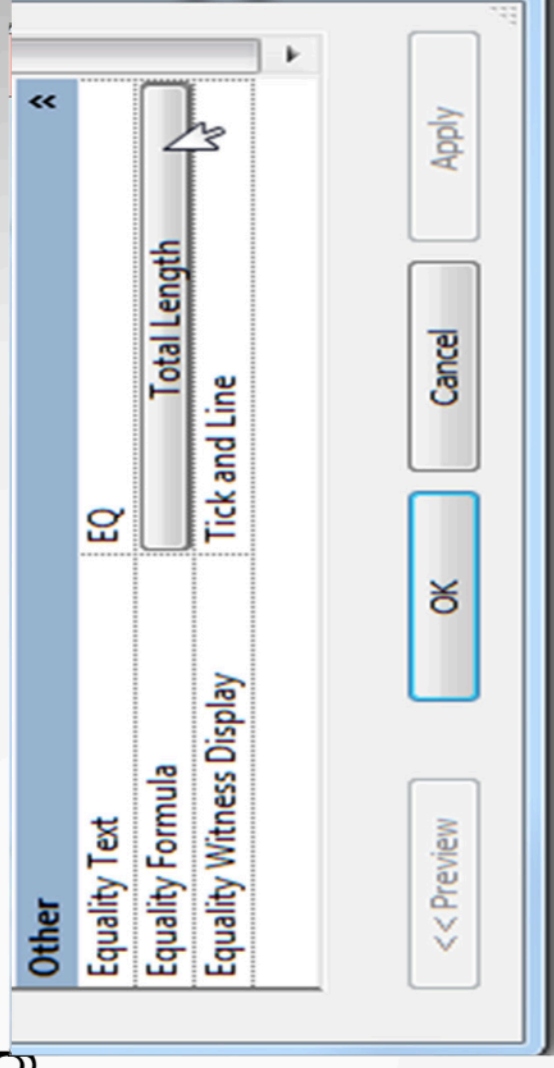
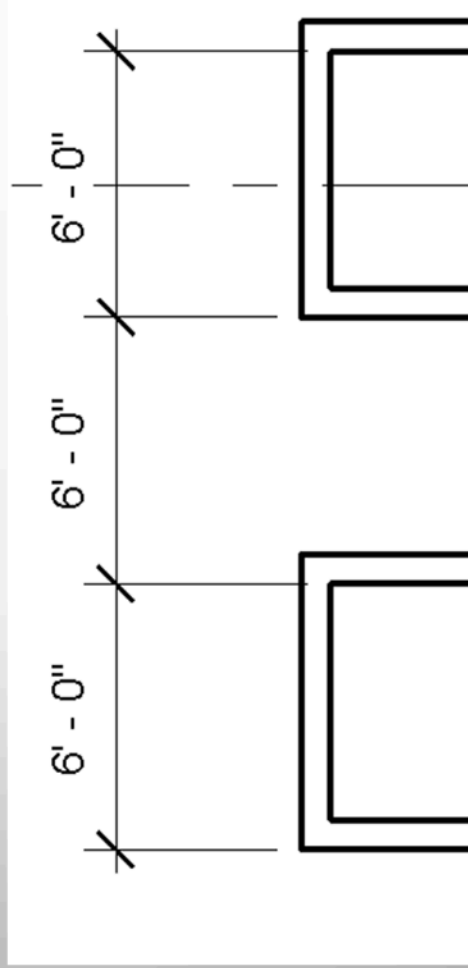
- Delete Dim

elements



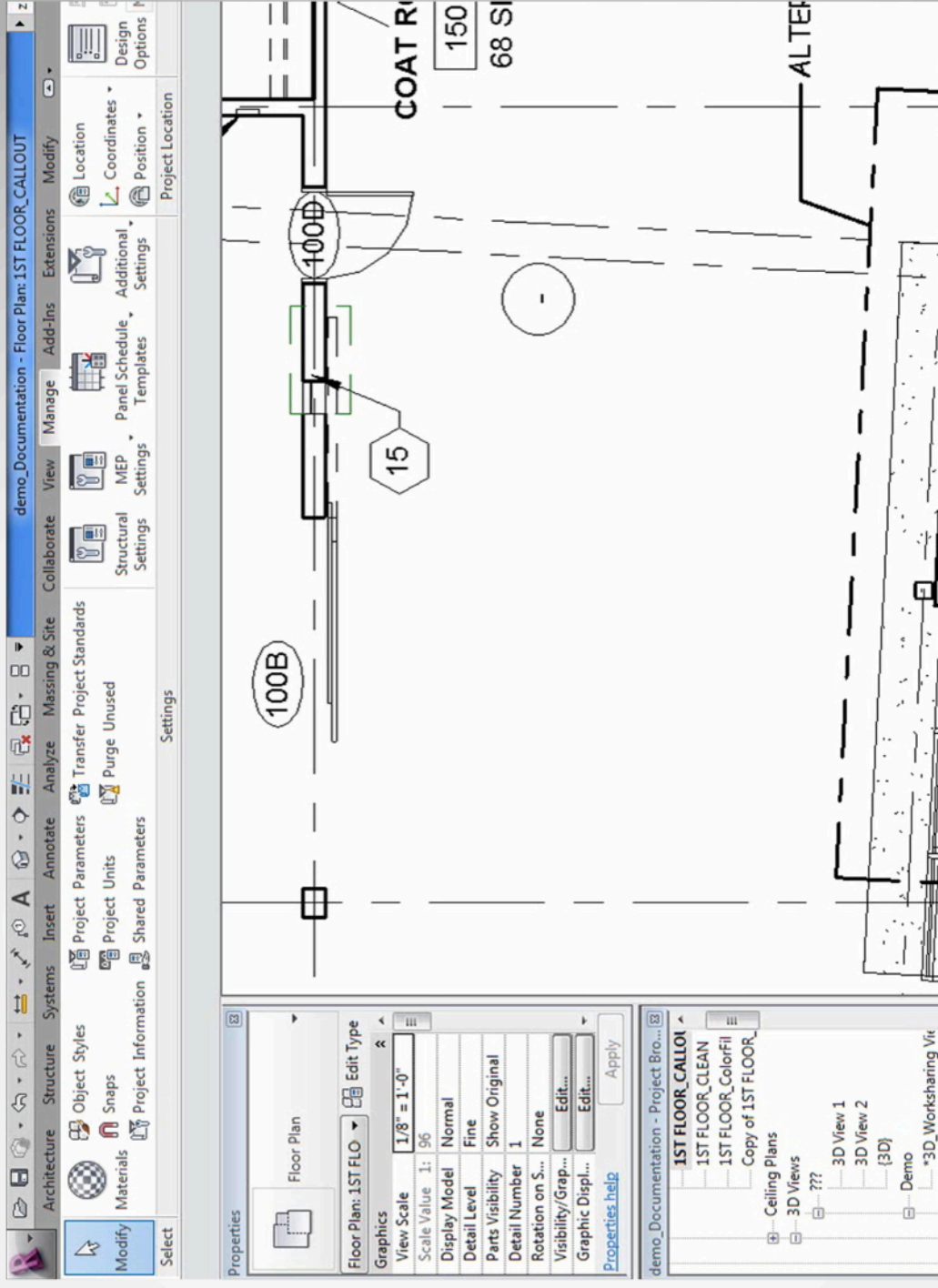
Dimensions

- Dim Display
 - segment values, equality text, or the equality formula string



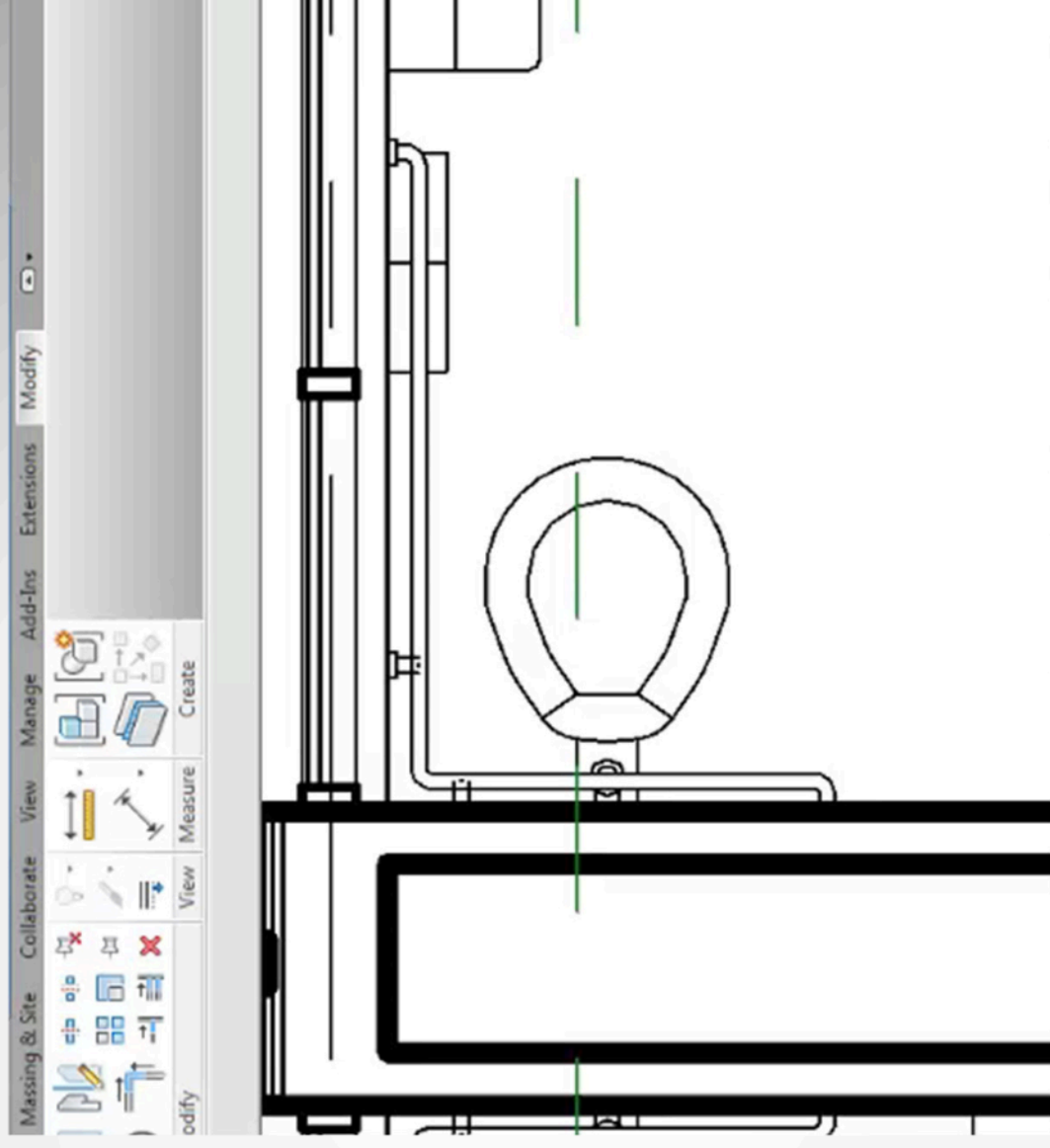
Arrowhead

■ Loop



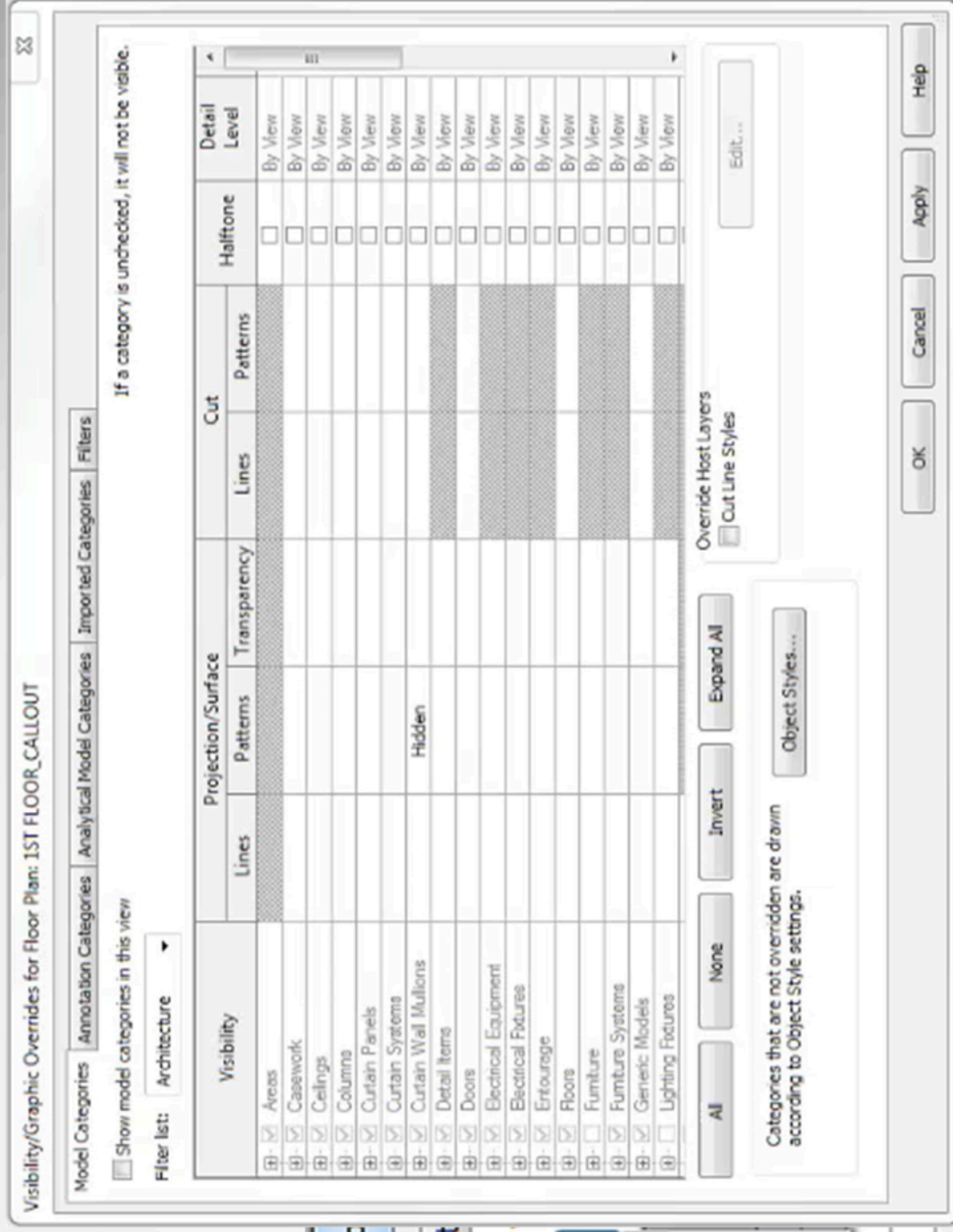
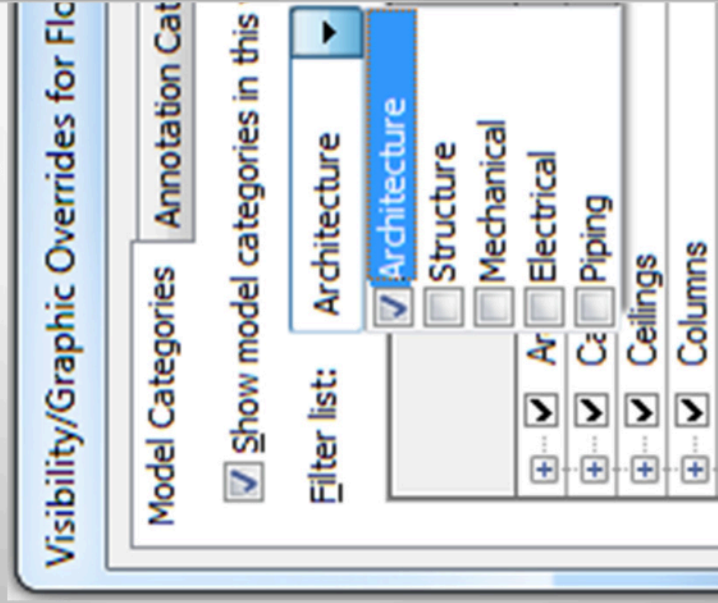
Families

- Double click editing



Filters List

Multi-discipline

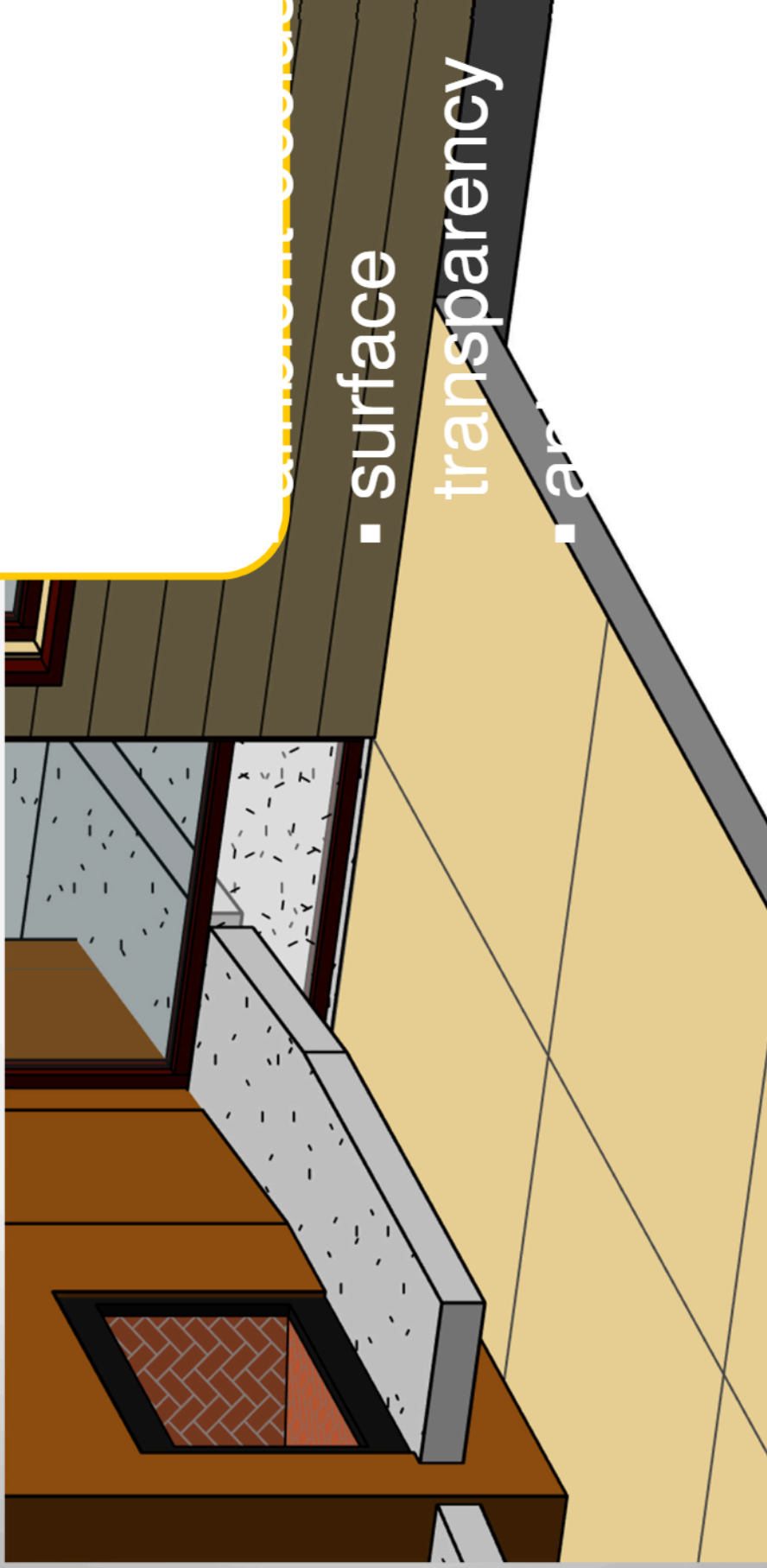


Surface Transparency Slider

- Replaced Ghost Surfaces

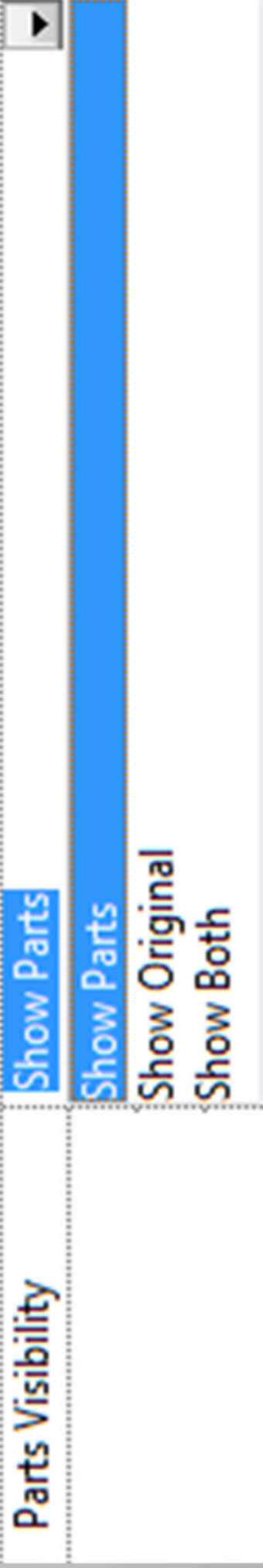


Hardware Acceleration

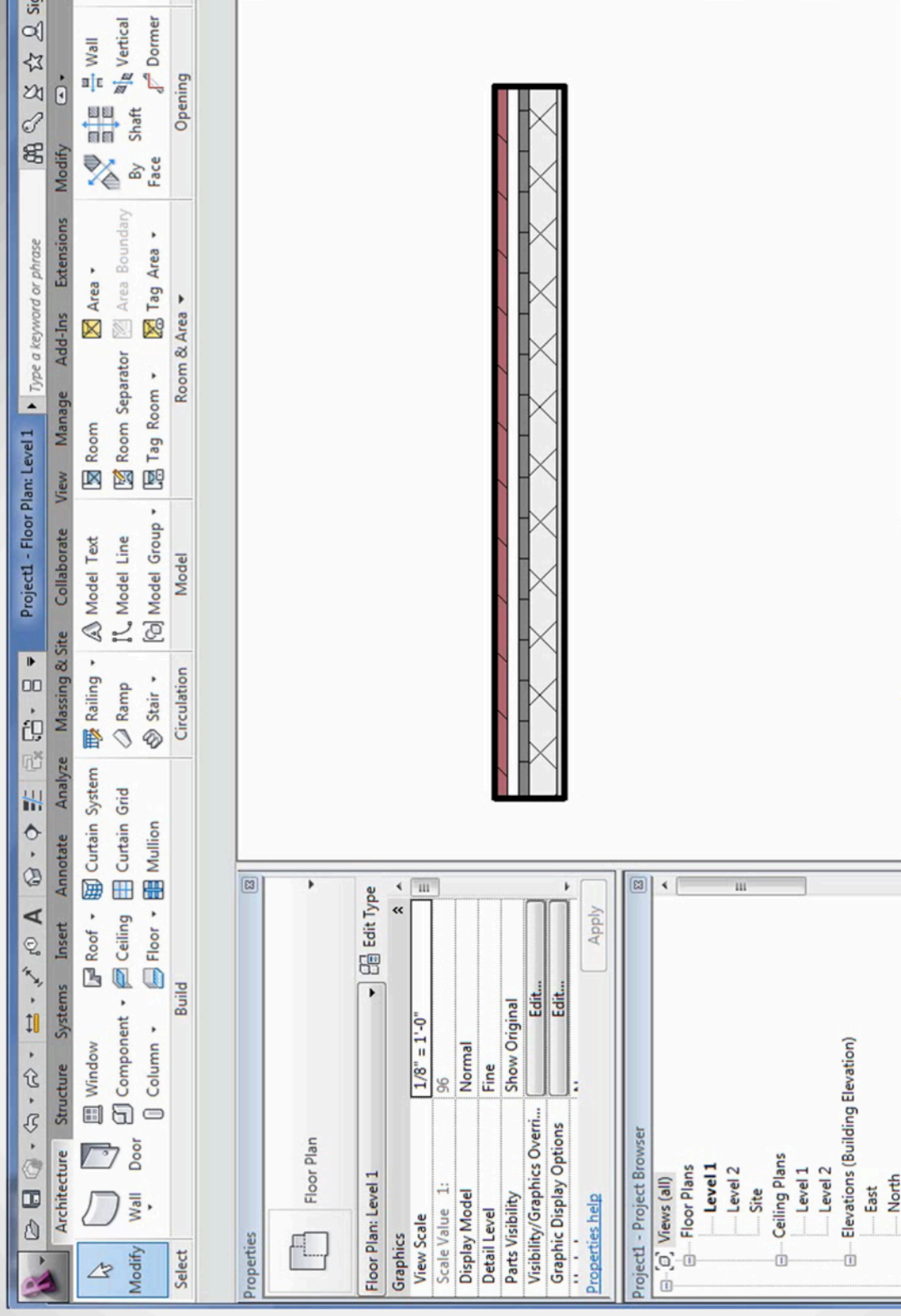


Parts

- Create
- Divide
- Merge parts
- Part project excluded
- Divider offset for part divisions

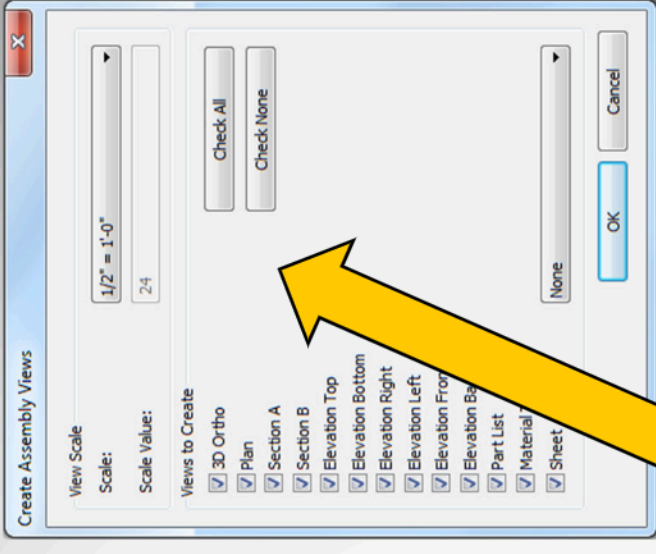
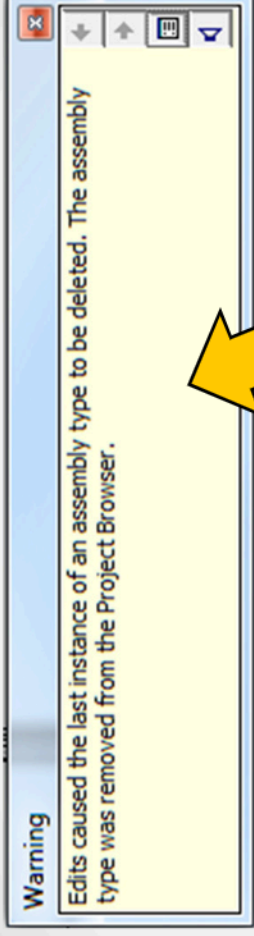


Parts



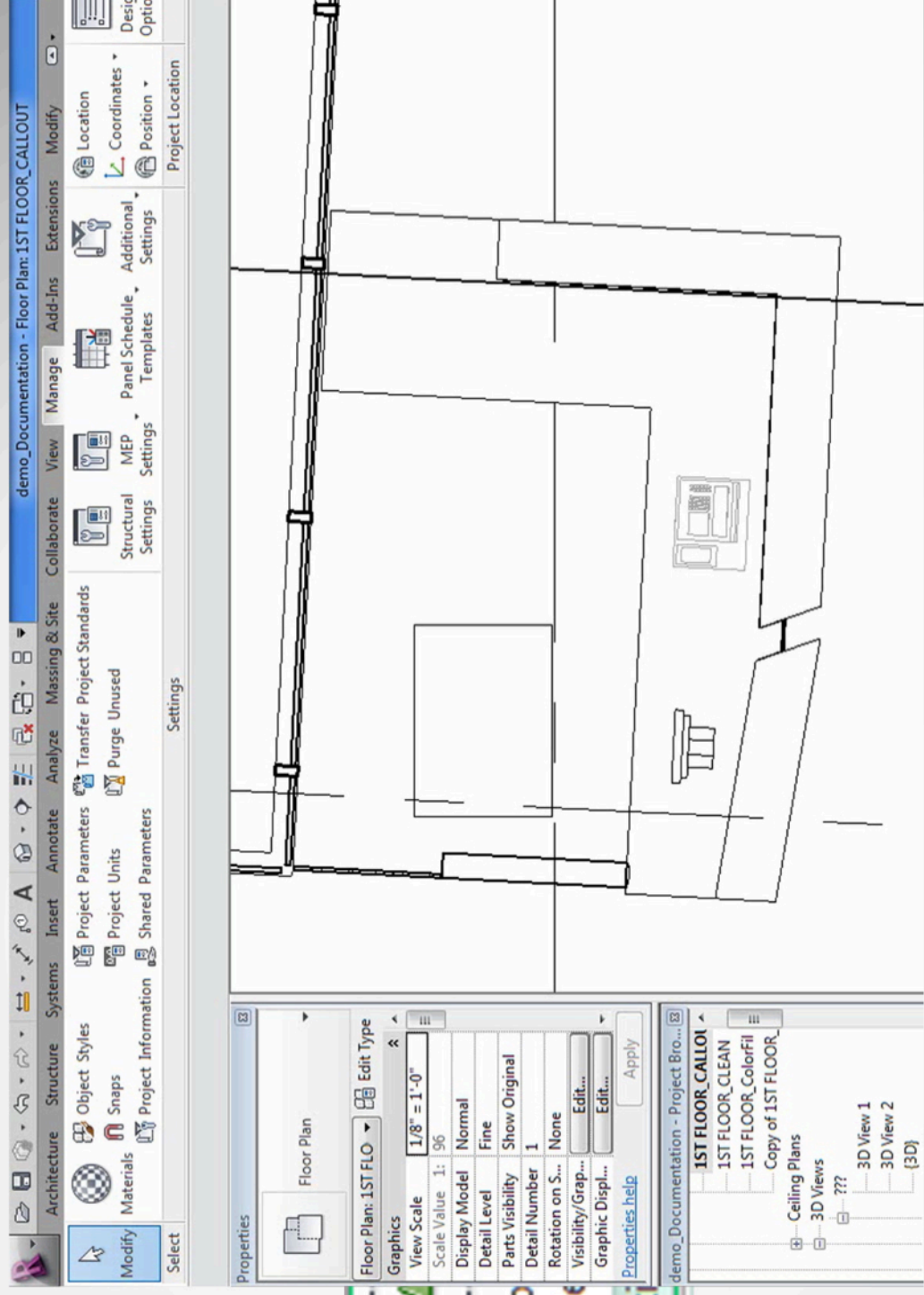
Assemblies

- New view options
- Element edit assembly mode
- Assembly views placement



Selection Sets

- Previous only in Revit



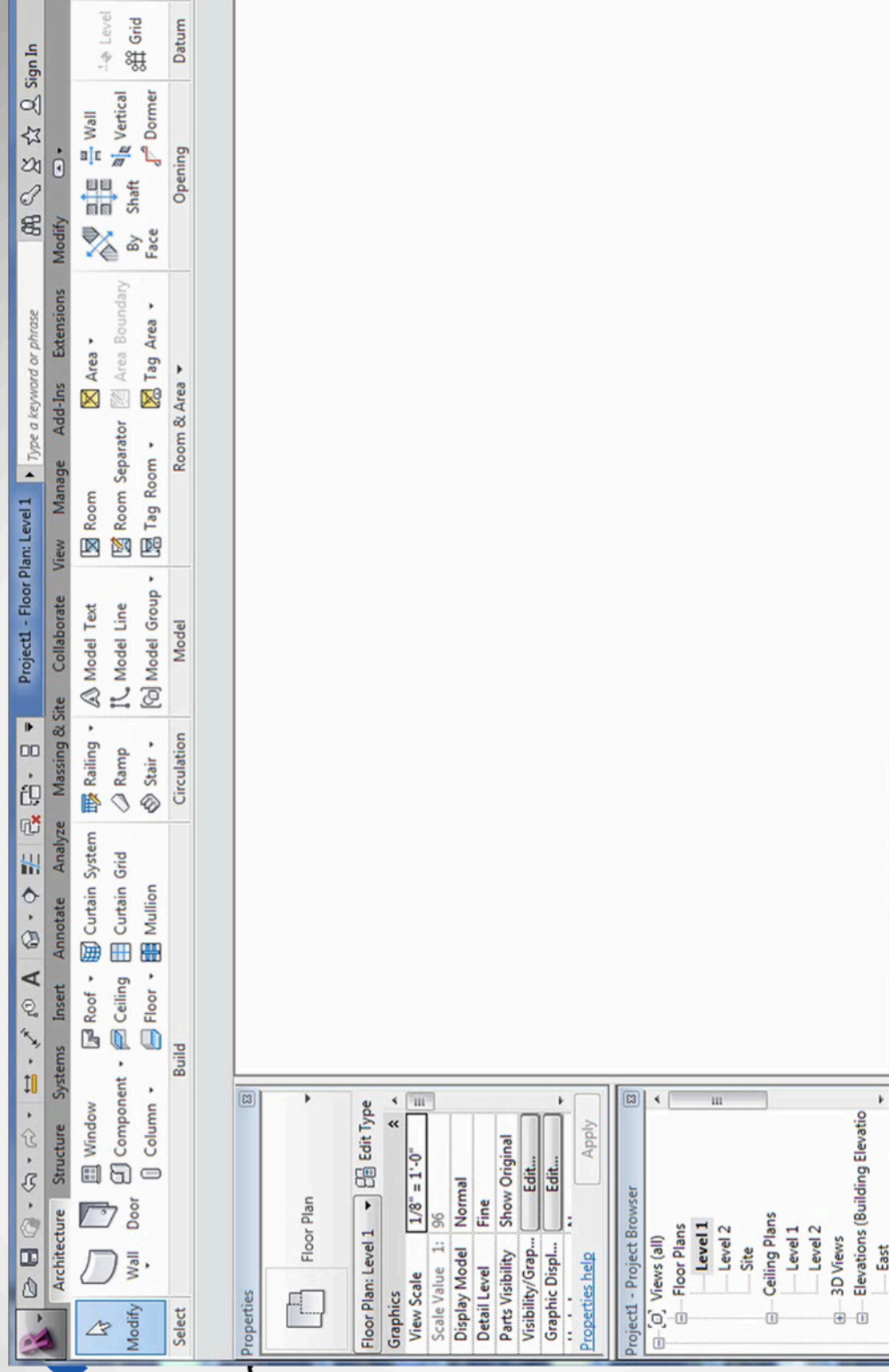
Visual Style

- Ray Trace
- Interact with Camera in real time



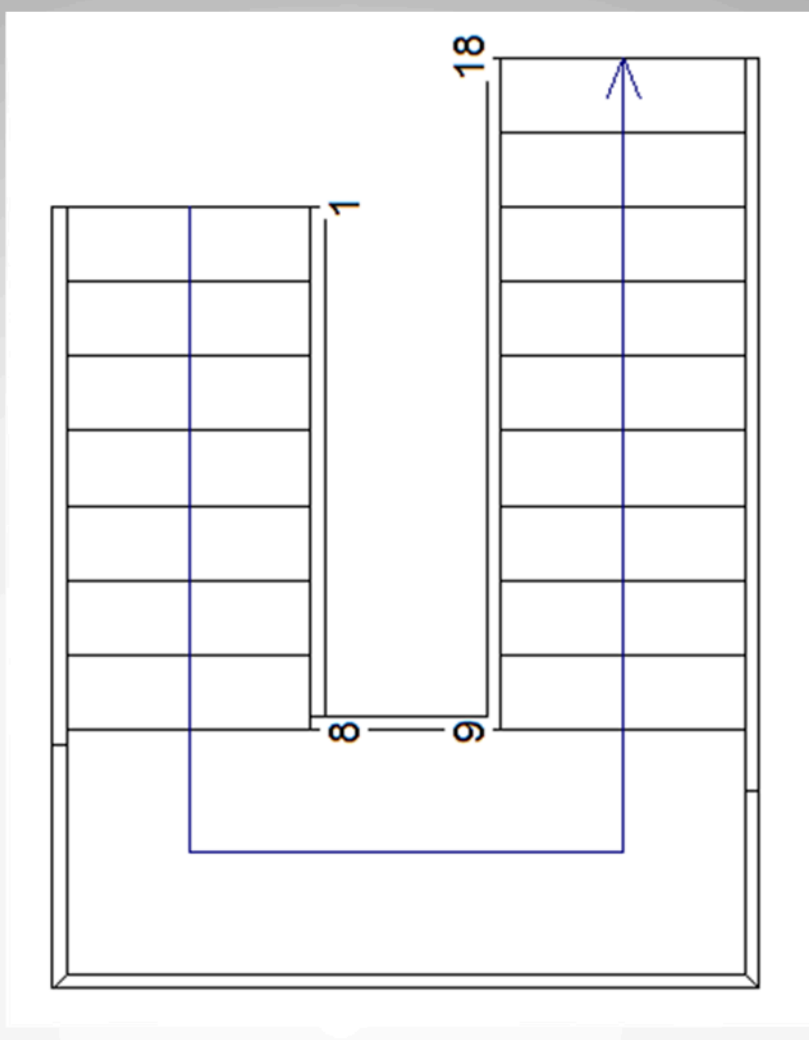
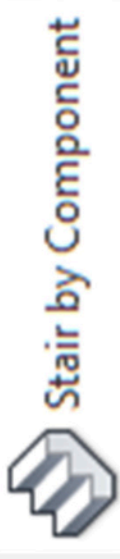
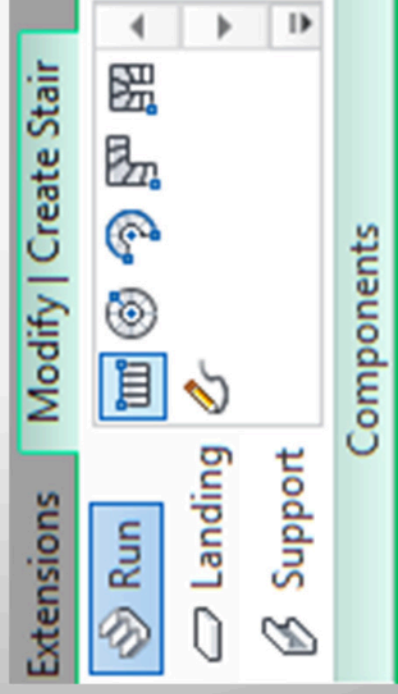
Segmented

■ Multi-segm



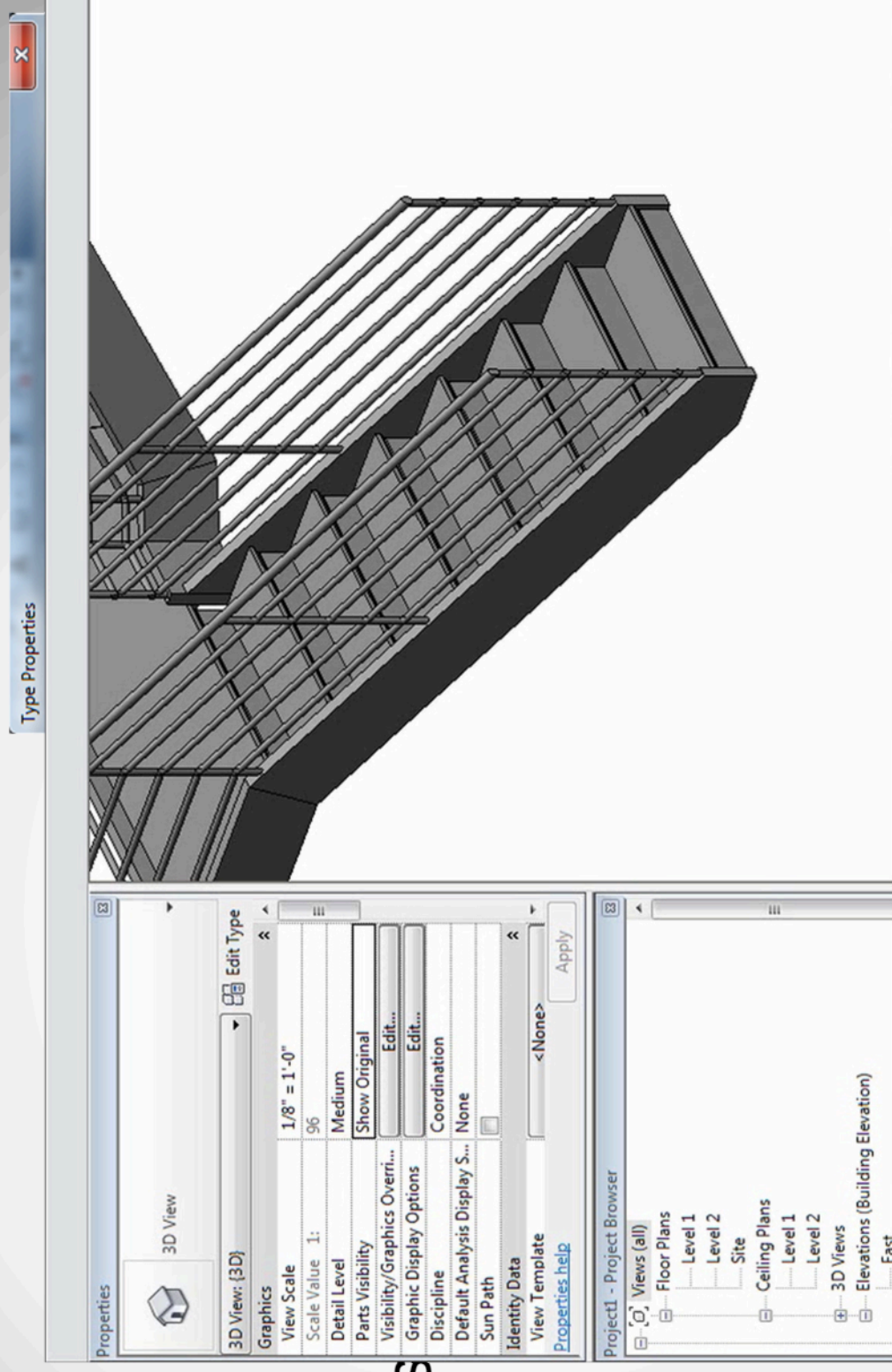
Stairs

- Component based



Railings

- Handrail transitions
- Extensions



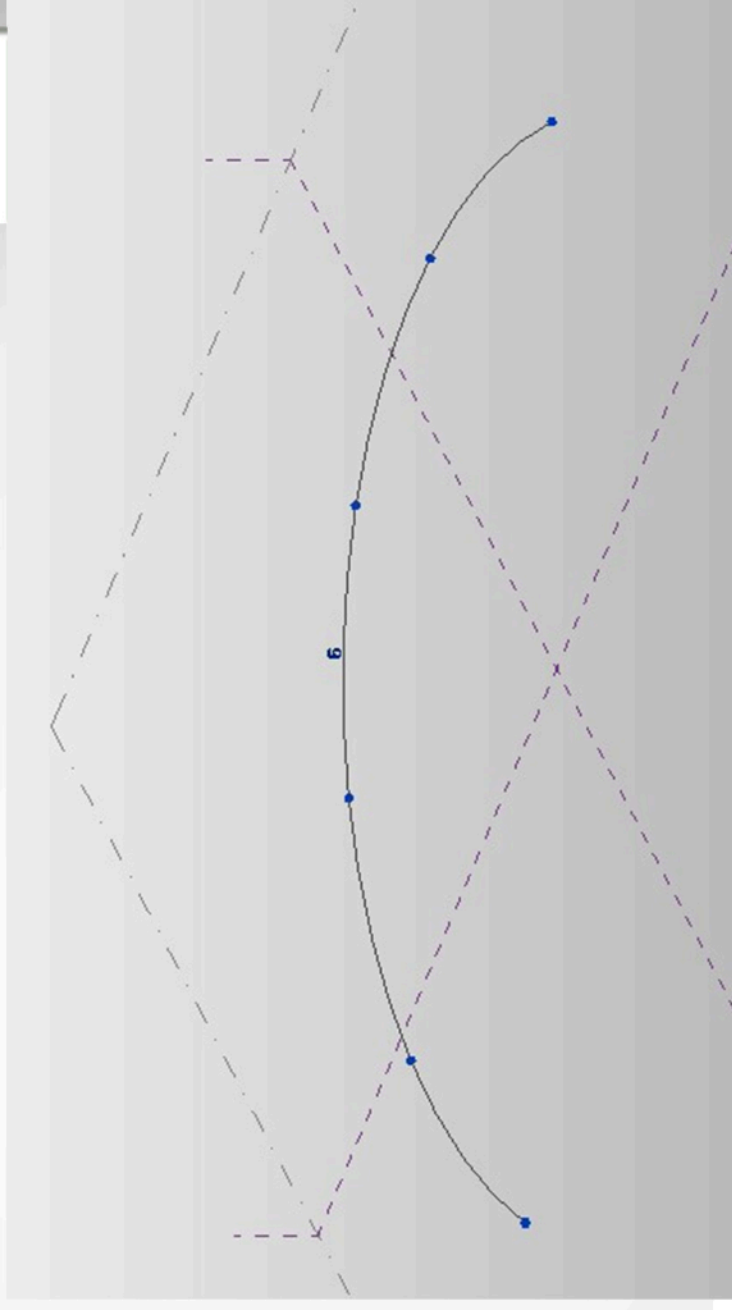
Conceptual Design Environment

- Division placement
- Node edges

Properties

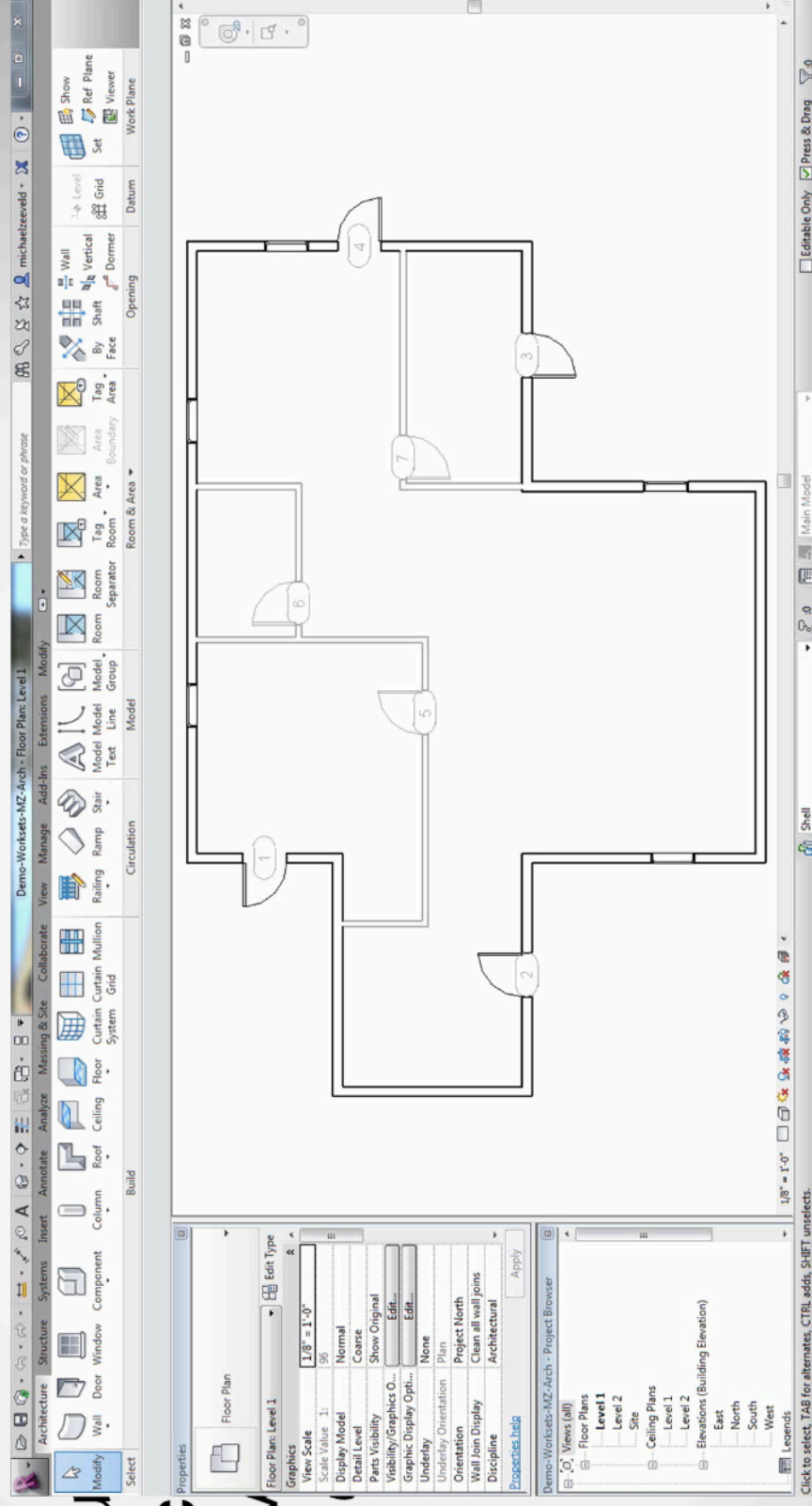
Divided Path (1)  Edit Type

Nodes	
Layout	Fixed Number
Number	6
Distance	61' 8 25/32"
Measurement Type	Chord Length
Total Number of Nod...	6
Show Node Numbers	☐
Flip Direction	☐
Beginning Indent	0' 0"
End Indent	0' 0"
Identity Data	
Comments	
Mark	
Length	
Path Length	312' 1 155/256"



Worksharing Enhancements

- Edit requ
- Dynamic
- Interactiv
- Notificati



Import

- DGN
 - V8 support



Export



- DGN
 - Additional Main Functionality
 - V8 Support
 - Save Setups
 - Project Transfer



IFC: Import / Export

- Reduced surfaces
- Better Performance
- More elements supported
- Reduced file size

Supported Elements:

Assemblies
Parts
Curtain walls on
massing elements

Name	Type	Size
 demo_Documentation	Revit Project	37,428 KB
 demo_Documentation	IAI Industry Foundation Classes File	27,784 KB

Revit Server

- Multiple Host Servers
- Administrator tools
- Reduced locks
- Vault

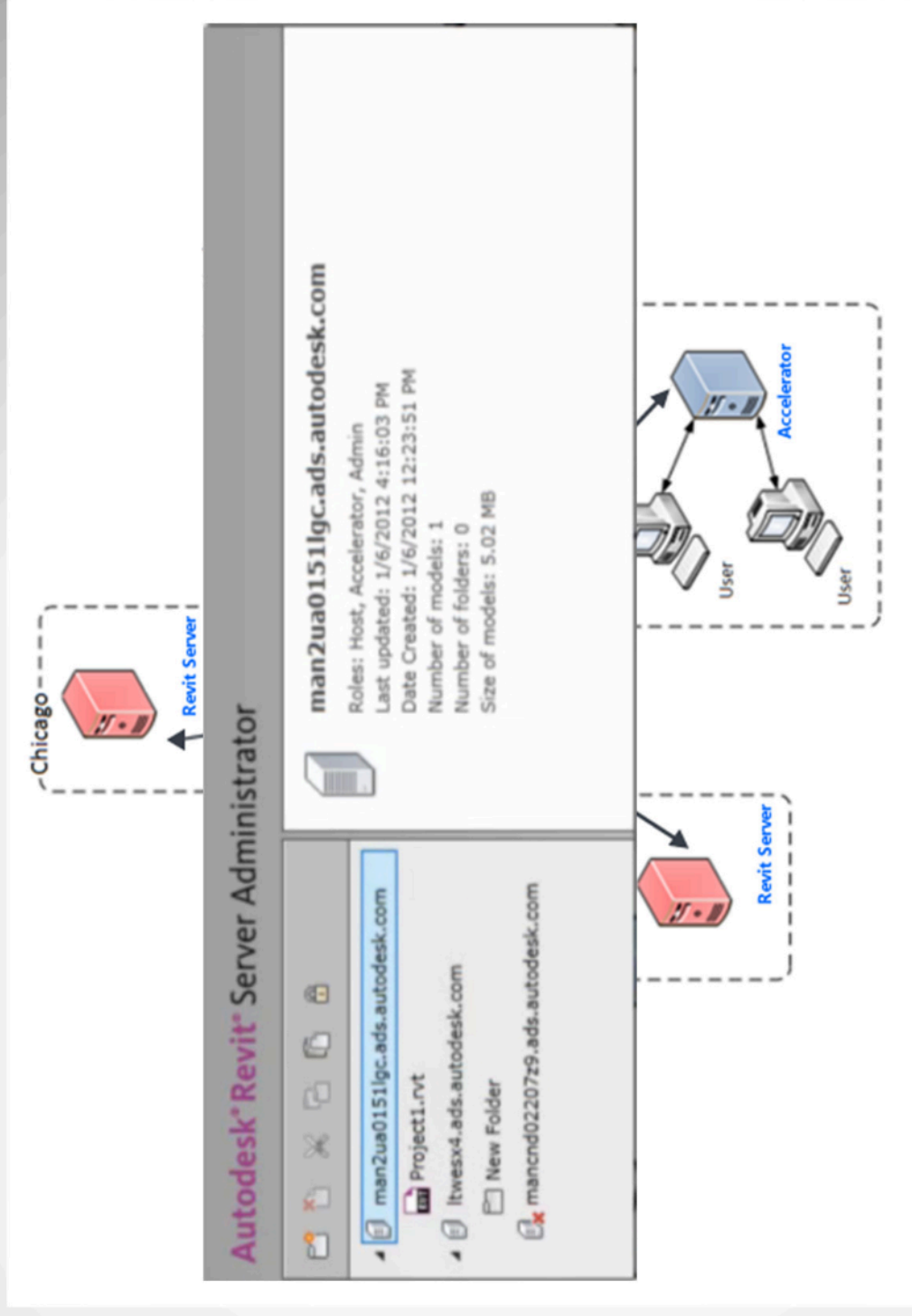
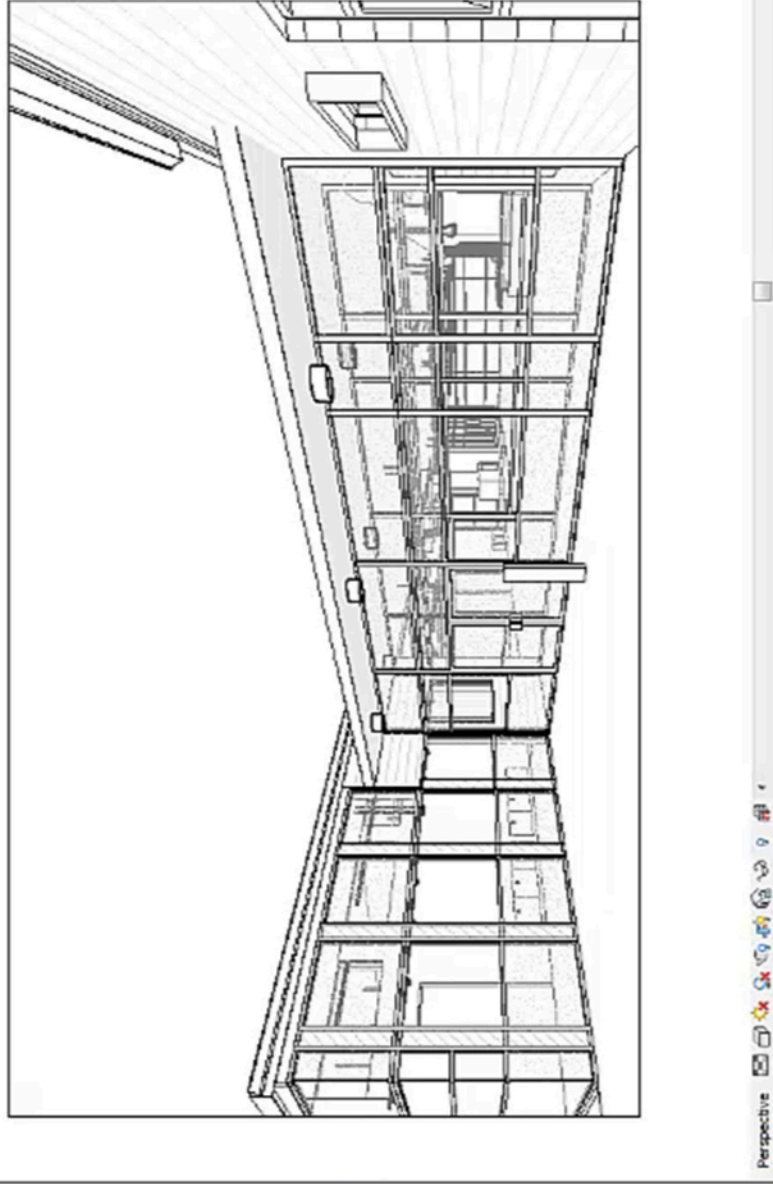
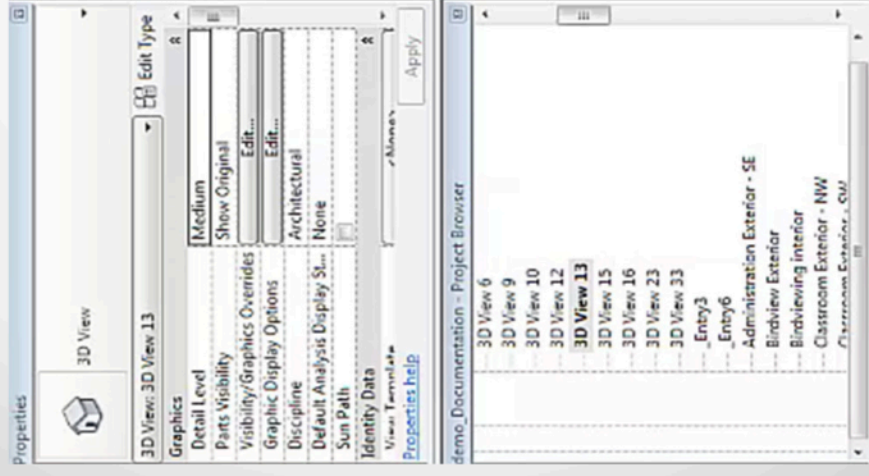


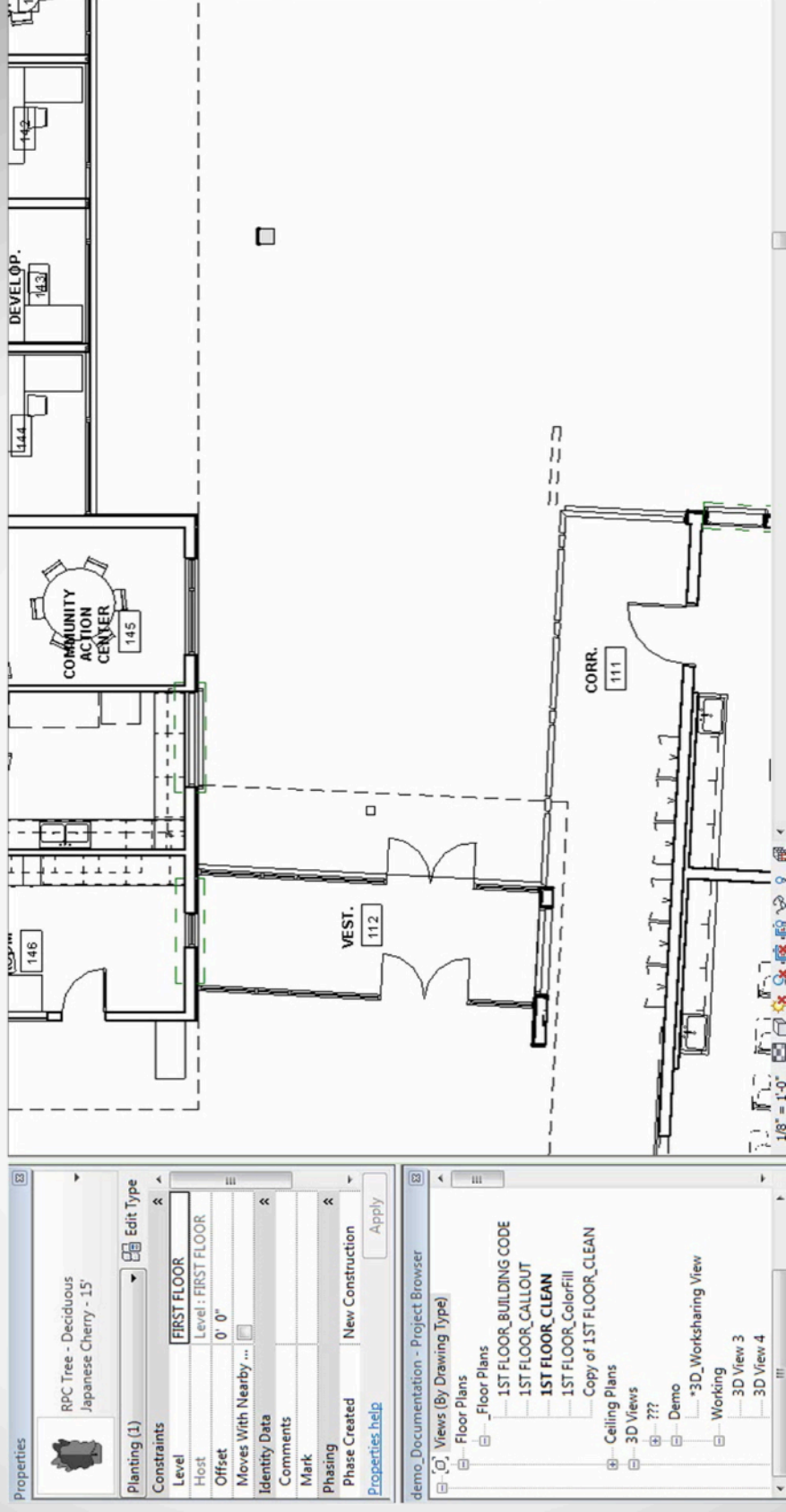
Image background

- Sky



Realistic Foliage Display

- RPC



Additional Information



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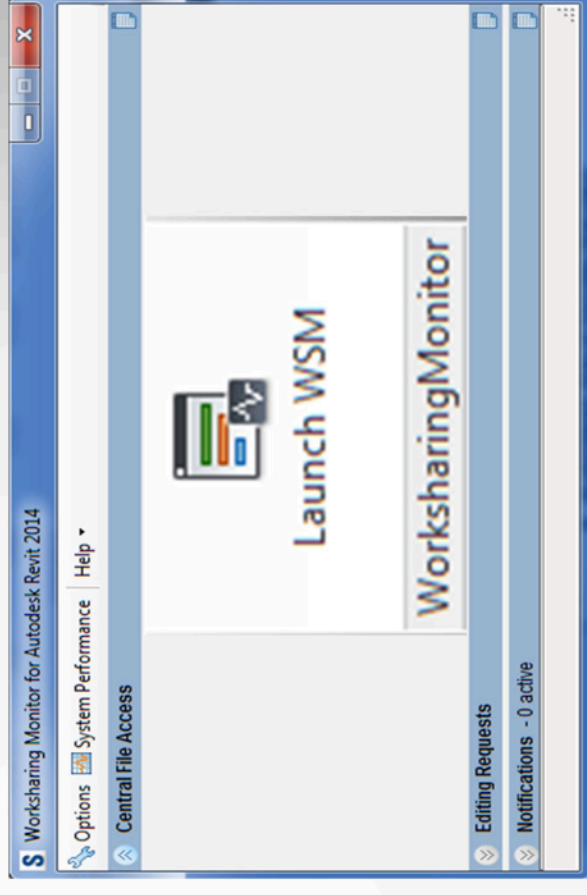


- Extensions



- Extensions/Add-Ins
 - Worksharing Monitor
 - Globe Link
 - Roombook Areabook
 - eTransmit
 - Autodesk Revit Server
 - Autodesk Revit DB Link
 - Autodesk Revit Model Review
 - Batch Print for Autodesk Revit

Autodesk® Subscription



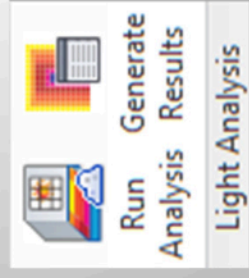
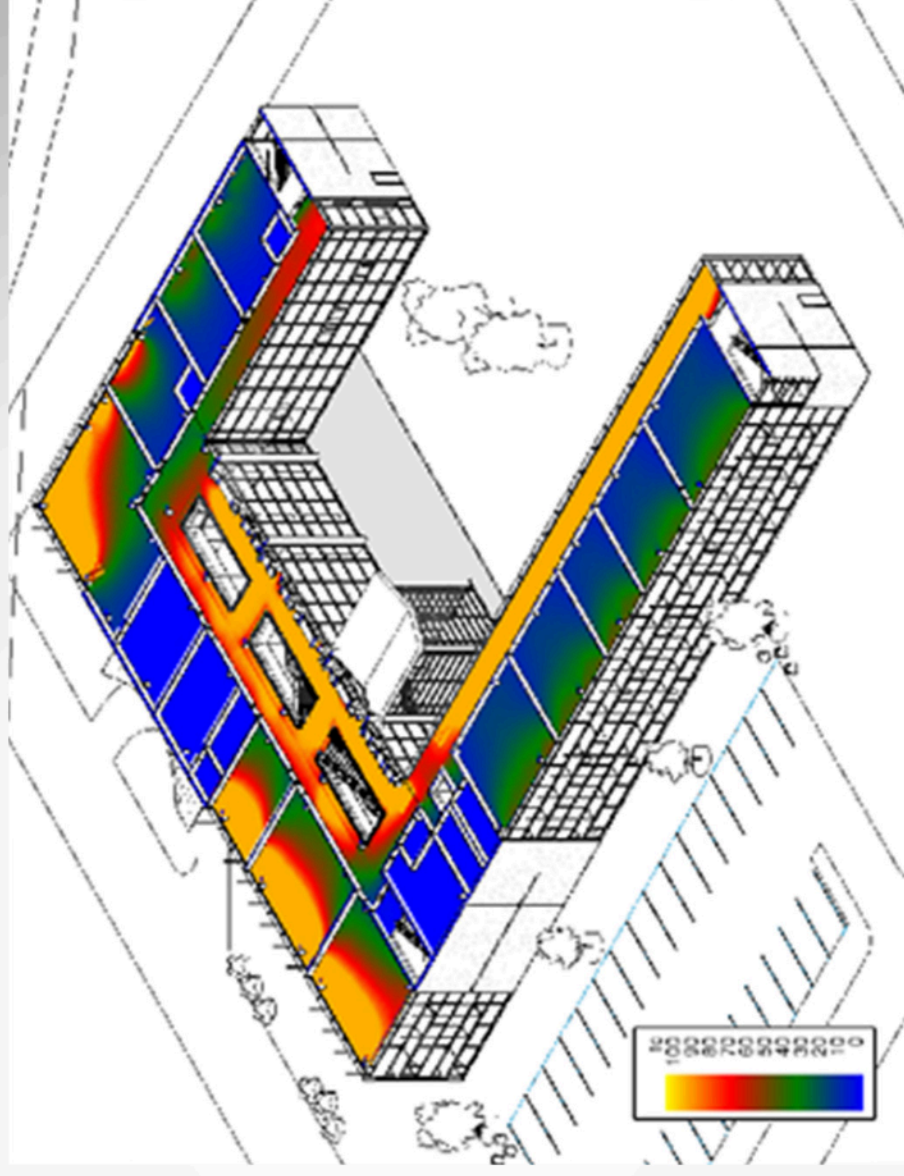
In Autodesk Labs



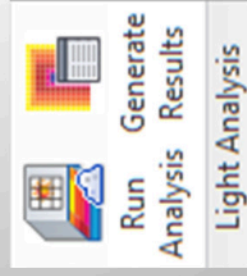
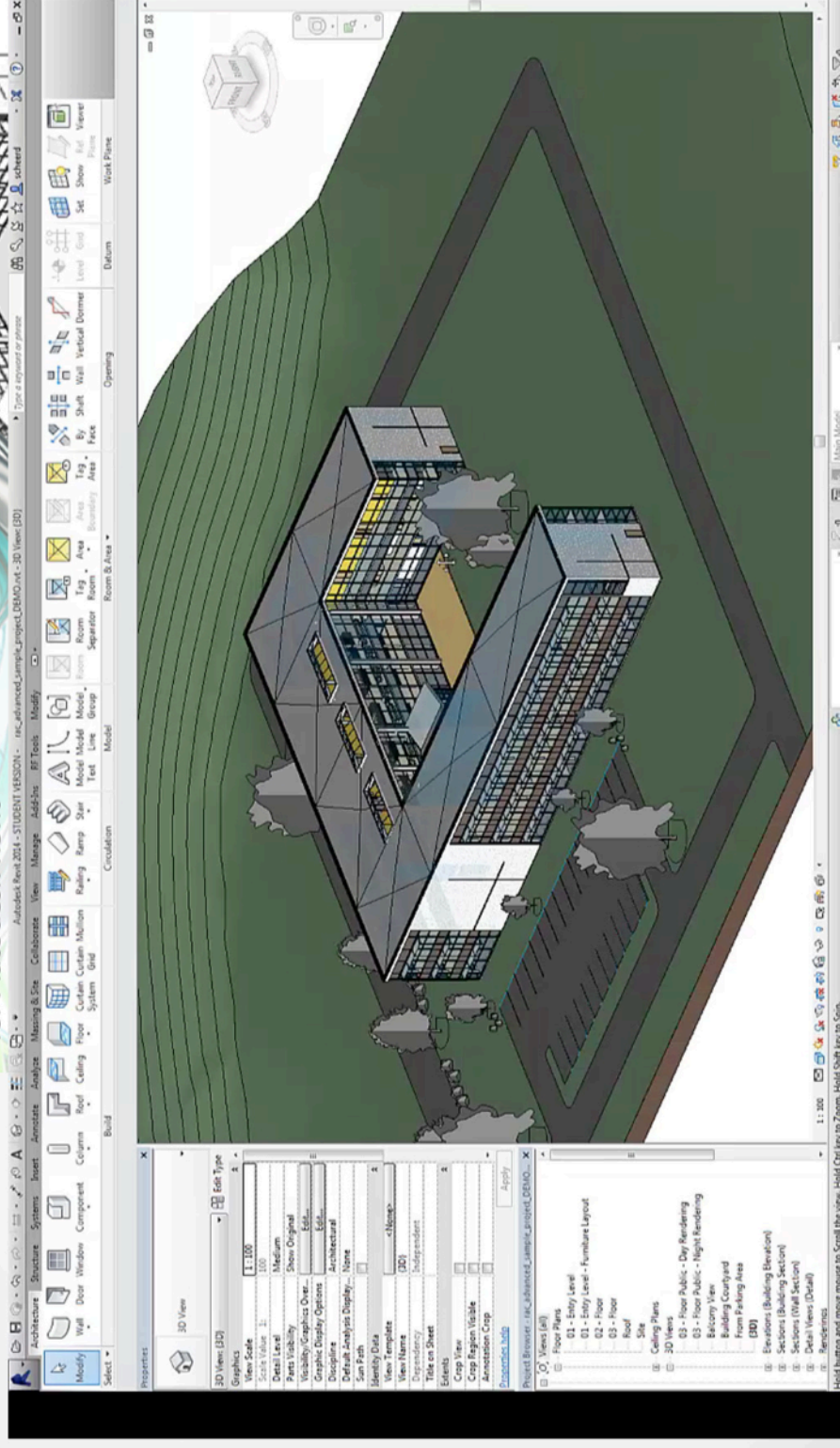
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- Daylighting Analysis



- From Labs blog



Questions?



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Summary

- Learned about the exciting new features in Autodesk Revit Architecture 2014 software. Got introduced to new concepts of Building Information Modeling (BIM) and efficient, easy-to-use tools for parametric design and documentation.

Key learning objectives

At the end of this lecture, you will be able to:

- Describe the new features, concepts, and benefits of Building Information Modeling
- Explain the fundamental concepts and features of Autodesk Revit Architecture
- Use the parametric 3D design tools to start designing projects
- Develop an initial level of comfort and confidence with the new tools in Autodesk Revit

Thank you!



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