



What's New in Revit Architecture 2008

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Revit Architecture 2008

Feature Focus

Moving From Pilot to Production

Workflow & Usability

- Groups
- Visual Overrides
- Dependent Views
- User Defined Filters
- Masking Regions
- Linked Files

Enhanced Functionality

- Color Fill Plans
- Graphical Overrides
- Dimensions
- Schedulable Wall Sweeps
- Spot Dimensions

Interoperability

- DWG
- 3ds Max
- PDF
- DWF
- Google Earth
- Revit API



Workflow & Usability

*Enhancements that improve the
users interaction and workflow*

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Groups

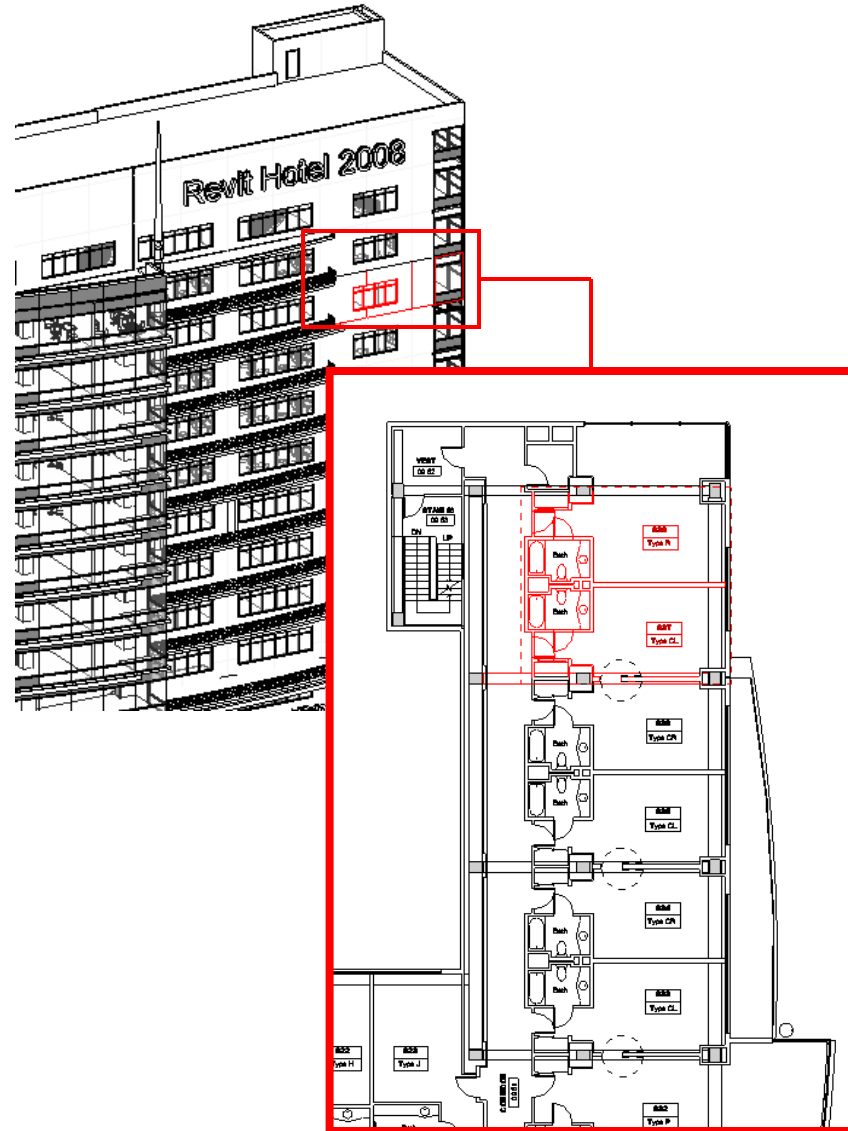
Workflow & Usability

Repeating Units

Stability and Reliability

Workflow Improvements

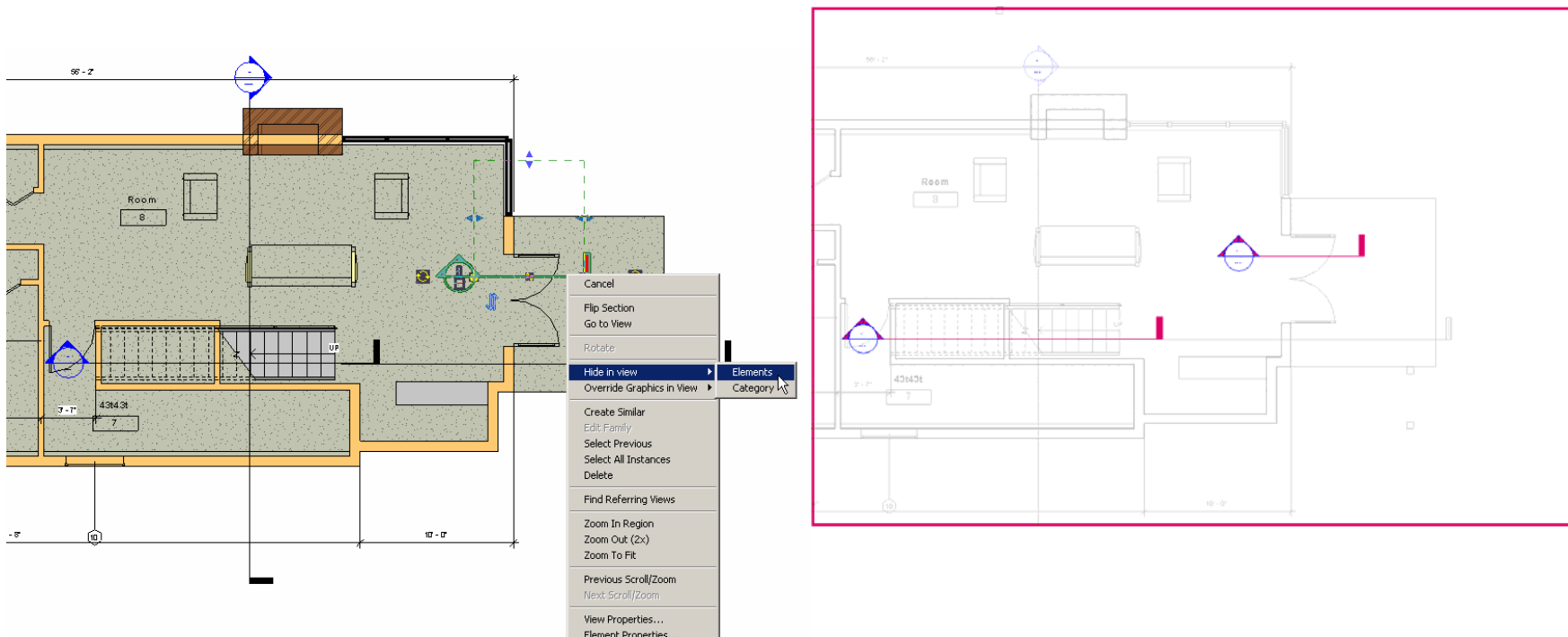
- Group Edit Mode and Stand Alone Editing
- Exclude and Restore Elements
- Detail, Model, and Attached Detail Groups
- Groups and Linked Revit Files



View Visibility Control

Workflow & Usability

- Temporary Hide/Unhide and Isolate in View
- Persistent Hide/Unhide and Isolate in View
- Reveal Hidden Elements Mode



Splitting Large Floor Plates

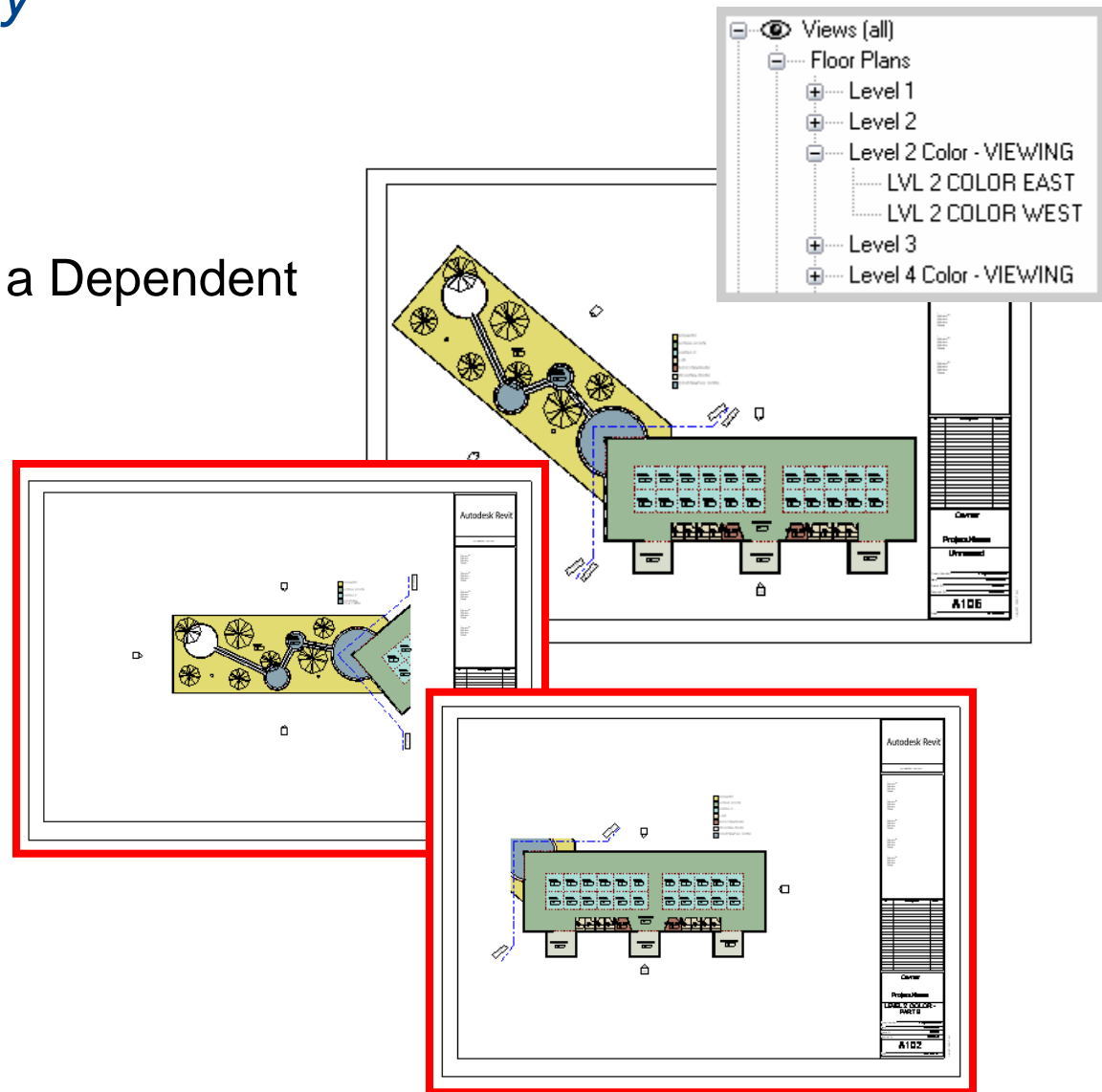
Workflow & Usability

Dependent Views

- Duplicate View as a Dependent

Supporting Tools

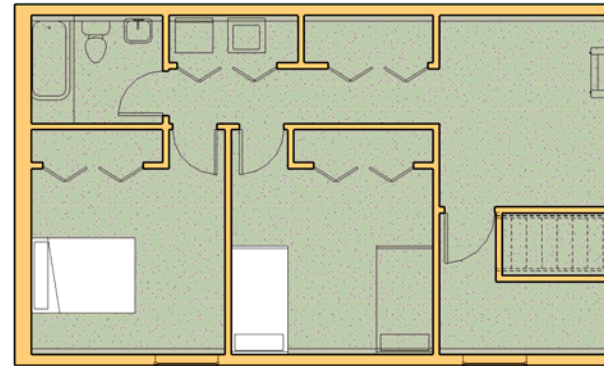
- Annotation Crop
- Match Lines
- View Reference



Masking Regions

Workflow & Usability

- Dedicated Masking Tool
- Available in Project Environment
- Available in 2D/3D Families
- Accurate translation to DWG
- Update existing Content

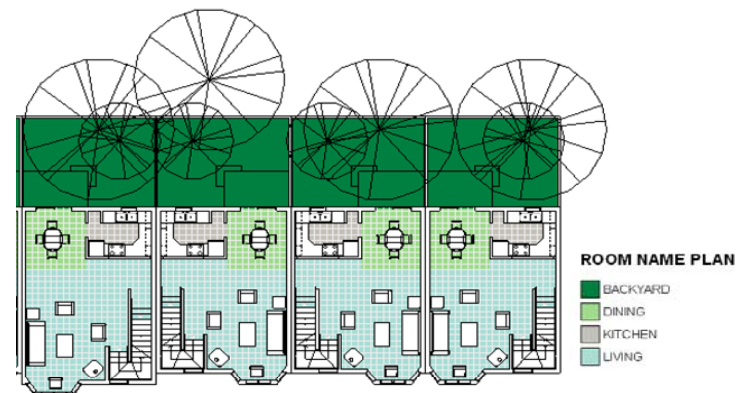


Linked Revit Files

Workflow & Usability

- Access to Linked File Management through Project Browser
- Copy Elements from Linked File
- Bind Linked File
- Nested Links
 - Reference Type
 - Graphic Overrides
- Color Fills / Areas in Linked Files
- Schedule Elements by Link

Door Schedule		
RVT Link: Name	Type Mark	Type
Davis Style		
Building 36 - Condo 2	5	30" x 80"
Building 36 - Condo 2	5	30" x 80"
Building 36 - Condo 2	5	30" x 80"
Building 36 - Condo 2	11	30" x 80"
Building 36 - Condo 2	23	68" x 80"
Building 36 - Condo 2	27	28" x 4 6
Building 36 - Condo 2	29	24" x 80"
Building 36 - Condo 2	35	48" x 78"
Building 36 - Condo 2	36	7'-6" x 6'-6"
9		
Harvard Style		
Building 36 - Condo 1	5	30" x 80"
Building 36 - Condo 1	5	30" x 80"



Enhanced Functionality

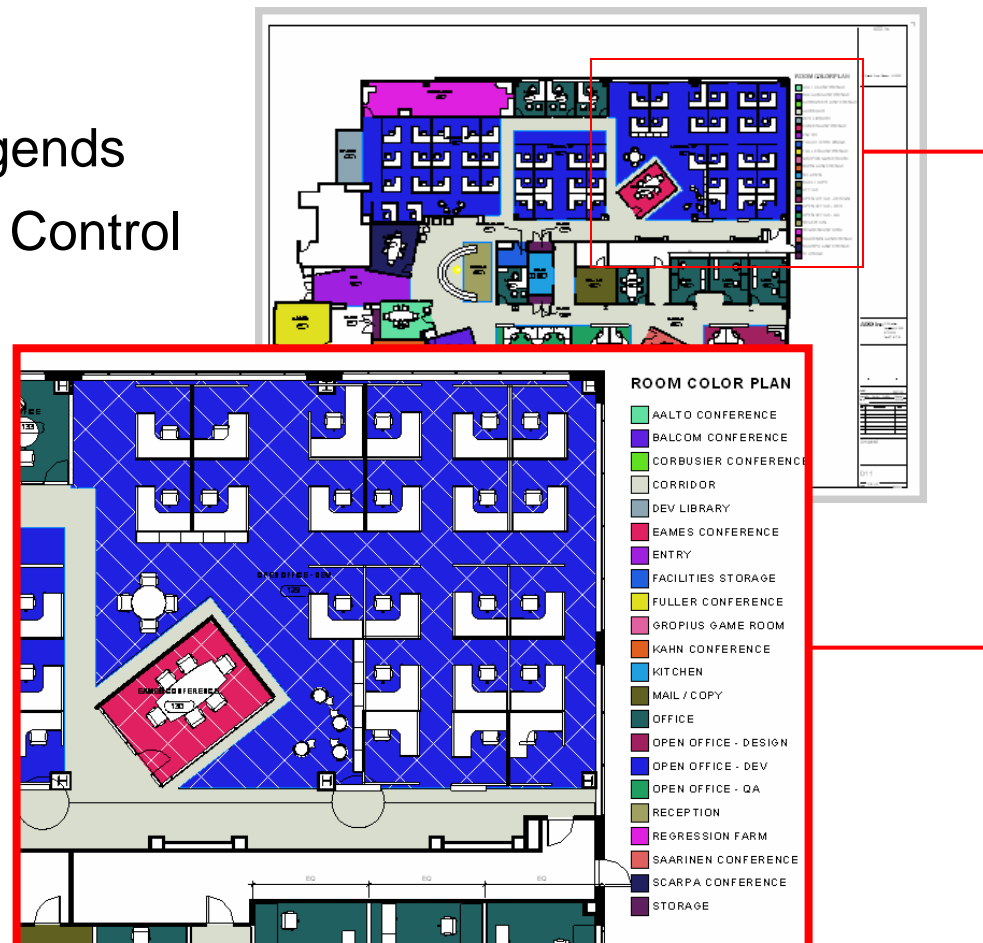
*Tools that improve upon existing
functionality*

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Color Fill Plans

Enhanced Functionality

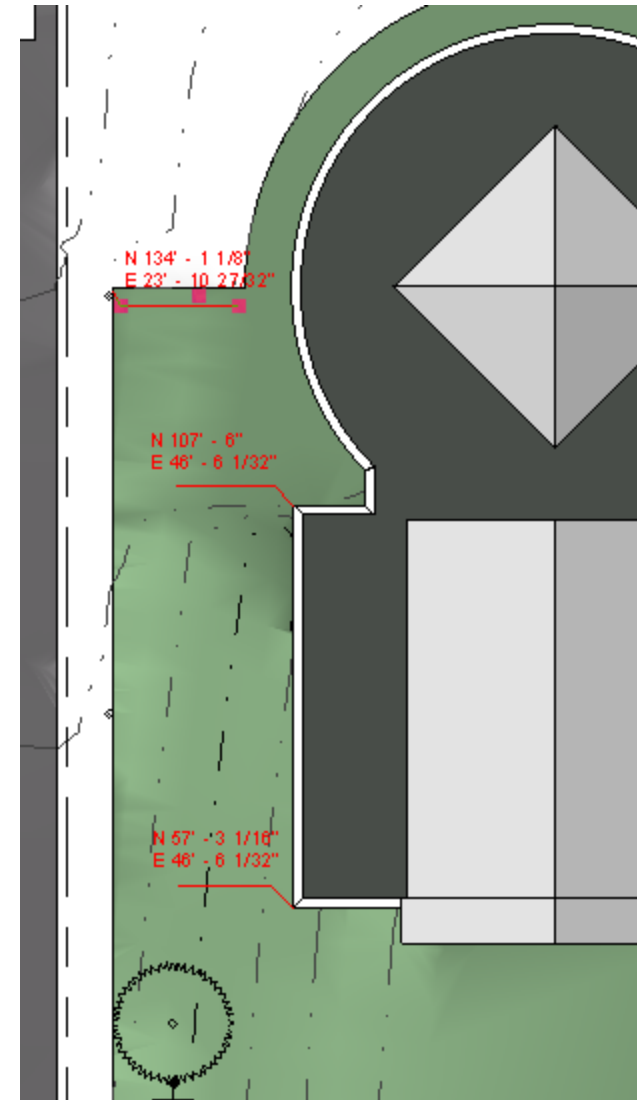
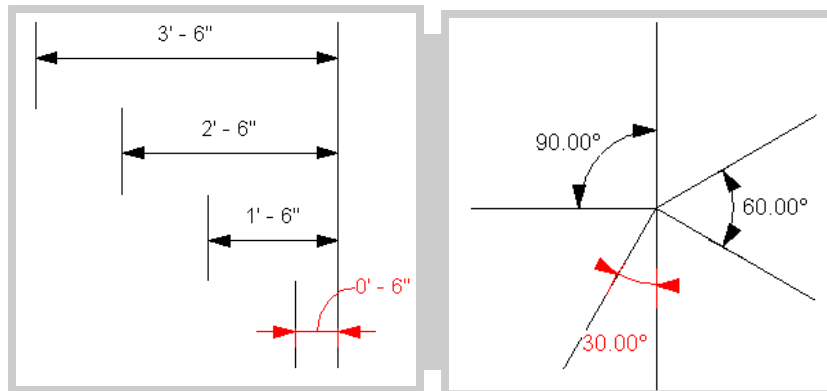
- Color Fills: Property of View
- Color Fill Legends: Per View
- Transparent Fill Patterns
- Customizable Color Fill Legends
- Background or Foreground Control



Documentation

Enhanced Functionality

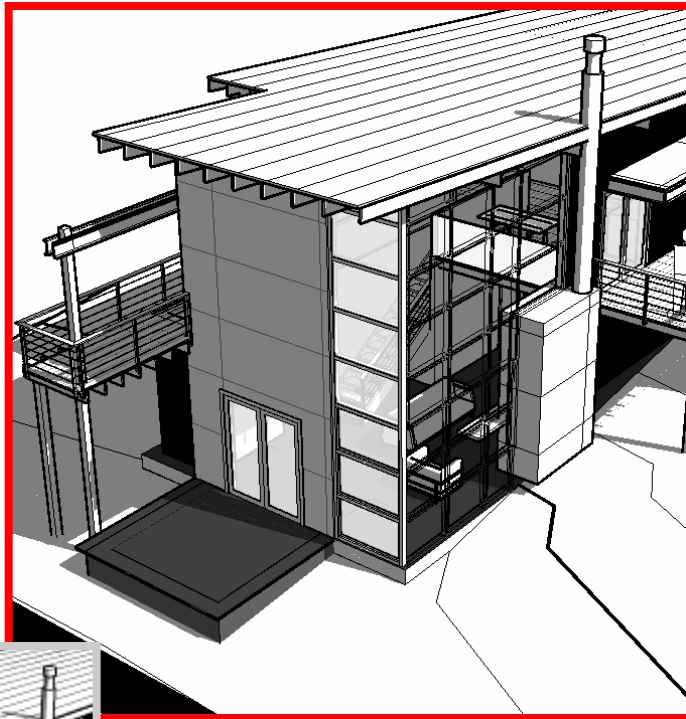
- Schedulable Wall Sweeps
- Dimension Arrow Heads
- Spot Dimensions



Graphical Override Control by Element

Enhanced Functionality

- Visibility, Transparency, Halftone
- Element Cut / Projection Styles
 - Lines
 - Patterns
- User Defined Filters



Interoperability

*Tools that increase model fidelity
across applications*

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Google Earth Plug-In

Interoperability

Publish Revit Models to Google Earth

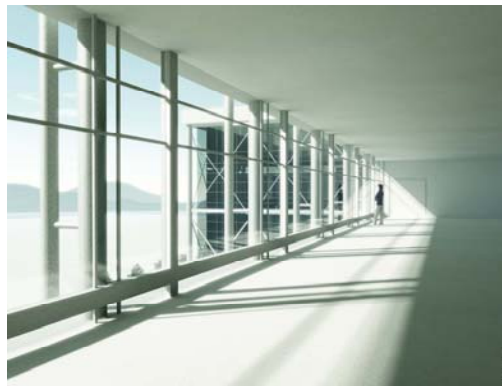
- Acquire from Google Earth
- Publish to Google Earth
- Import KML/KMZ
- Export KML/KMZ



Revit Architecture 2008

Interoperability

- AutoCAD 2007 DWG
- 3ds Max 9
- DWF
- IFC 2x3



Revit 2008 API

Interoperability

General Improvements

- Element Unique ID
- Change Selected Elements
- Math Library
- New Commands – Edit Tools
- Add-in Manager
- Access to elements in Families

Creation / Control

- Create New Elements (Text, etc)
- Drafting Views
- Visibility / Graphics Control at element level

Application Integration

- Run Application On Revit Launch
- New Action Listeners
- Top Level Menus
- Custom Toolbars
- Element Pick options

Application Automation

- Point to Active External Application
- Access to File Menu Commands
- Room Creation With/Without Location

Revit Architecture 2008

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