

# Chief Architect® X5

## New Feature List



### RAY TRACING / CAMERA VIEWS

- Progressive Ray Tracing. Preview ray trace renders as they refine and iterate image quality; export the image at any time or define the amount of time for the ray trace from 1 minute to 24 hours or an unlimited time
- Specify Ray Trace Size in Inches or Millimeters. Set the number of pixels per inch to specify High or Low Resolution
- Generated Sky Model. Create a realistic sky that updates with time of day; control the level of haze
- Watercolor Rendering Line Color. Control the color of lines generated in Watercolor Renderings with Line Drawing on Top turned on
- Display Lower Levels with the Dollhouse camera. A 3D display option allows lower floors to be viewed under a current floor, such as open below rooms used for stairways or lofts
- Isometric View Tools. View designs from any of the eight standard Isometric viewing angles
- Improved Camera Control. Cameras no longer 'save' automatically. Modify a 3D view angle or orientation and close the view without saving to retain the original settings
- Enhanced Labels for Cameras. New Label tab for cameras allow more control over the display of the labels
- Show Cameras as Callouts. Easily set up view callouts directly from the camera object. Show Elevation, Section, and Cross-Section cameras as Callouts in Plan Views. Add callout labels and descriptions; callout remain when sent to layout
- Back-Clip Cross Section Distance Control. Control the cut distance of Back-Clipped Cross Sections with an input value in the dialog
- Clip Cross-Section Views at Sides. Turn on clipping for sides of cross-sections views
- Improved Walkthrough Tools. Create detailed walkthrough recordings along paths. Add key frames at any point on the spline to control view direction and speed; walk up or down stairs and to span walkthrough between floors
- Save Cross-Section Slider with Camera. Adjustments to views using the Cross-Section Slider are saved with the view when the camera is saved
- Cross Section Slider Control. Control the cut distance of the Cross-Section Slider with an input value in the dialog

### CONTENT / LIBRARY CATALOGS

- Automatic Catalog Updates. Check for updates for catalogs distributed by Chief Architect and automatically update to the latest version
- Catalog Migration. Core, Bonus, Manufacturer and User Catalogs from previous installs automatically migrate and update to latest version at install time; User Catalog automatically migrates from previous installs. Use the catalog migration dialog to specify which catalogs to bring forward
- Improved Cabinet Feet Symbols. Cabinet feet objects placed directly into a Plan have better selection and orientation

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### LAYERS / LABELS

- Rotate Labels. Select and rotate labels independently in Plan view. Set default label rotation and offset; set label rotation to be relative or absolute to the rotation of the object
- Automatic Labels in Elevations. Generate schedule callouts and labels for windows, doors, cabinets, and other items in Cross-Section and Elevation views
- Control Placing Objects on Hidden and Locked Layers. Ability to override the placement of objects on layers that are turned Off or that are hidden

### DIMENSIONS / ANNOTATIONS

- NKBA® Automatic Dimensions. Automatically dimension interior rooms and elevations to the National Kitchen and Bath Association dimensioning standards
- Automatic Interior Dimensions. Automatically dimension interior rooms. Set defaults for locating objects
- Automatic Elevation Dimensions. Use the Auto Elevation Dimension tool to add dimensions to Elevation and Cross Section views
- Automatic Dimension Parent Tool. All Automatic dimensioning features are located together under the Automatic Dimension parent tool
- Delete Automatic Dimensions. Use the Delete Objects tool to delete Automatic Dimensions from a Floor or the Entire Plan. Manually edited or modified dimensions will remain
- New Running Dimension Tool. Draw dimension with cumulative values from base item to each dimensioned object in a single dimension string
- Dimension Location Snaps for Furniture Items. Set dimensions to snap to the centers and/or sides of furniture objects for Manual and Automatic Dimensions

### DEFAULTS / EDITING/IMPORT

- Import PDF files. Import Adobe® PDF file formats into plans, layouts, and CAD Details; retain print resolution and quality when printing final documents with embedded PDF files
- Import Defaults. Share default settings between plans for a variety of objects, including: Windows, Doors, Cabinets, Schedules, Walls, Stairs
- Delete Corner Boards/Quoins. Option to delete all corner boards and quoins on a per floor or per plan basis through the Delete Objects dialog
- Solid Pyramid Object. Pyramid can also be truncated to form a pedestal shape
- Print All Pages Default. Print dialog defaults to "Print All Pages"

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### WALLS / RAILINGS

- Shoe Control for Railings. Control the height off of floor for the bottom rail (shoe) for Railings and Ramp Railings
- Rail Controls on Railings. Specify size, shape, and custom profiles for top rail, middle rail, bottom rail and beam
- Control Railing Beam Materials. Set the material assigned to beams above railings separately from other railing components
- Treated Bottom Plates. Any wall over concrete foundation or flooring automatically generates a treated bottom plate
- Control the Display of Foundation Cutouts. Choose to show or hide foundation cutouts in Plan view through the window or door's dialog
- Slab Footing Offset Default. Specify a default offset distances for footings under slab foundations
- Auto Place Corner Boards and Quoins. Automatically add trim details to wall corners

### ROOFS

- Shadow Boards. Apply Shadow Boards to the fascia of roof planes automatically. Specify molding profiles and stack moldings to create the desired molding build-up
- Ridge Caps. Automatically generate Ridge Caps on roofs; turn ridge caps on/off on a per roof basis; assign custom ridge cap profiles
- Control Rafter Spacing per Roof Plane. Specify rafter spacing values for individual roof planes in a design
- Actual and Projected Area of Roof Planes. Find macros and references to both the Actual and the Projected square footage of Roof Planes in the roof dialog's Polyline tab
- Dormer Overhang Controls. Separately control the eave and gable overhang distance for automatic dormers

### DOORS / WINDOWS

- Window and Door Casings Display in Plan View. Display or hide interior and exterior casings using the "Casings, Interior" and "Casings, Exterior" layers
- Improved Window Display in Plan View. More accurate display of window sill, frame size, and mullions in Plan view. Better representation of multi-pane windows in Plan view
- Automatic Frame Depth. Set window frame depth to automatically fit into wall
- Lintel and Sill Control. Separately display Lintels or Sills for windows
- Improved smoothing of arched Windows, Doors, and Doorways
- Adjust the Hinge/Swing Amount for Bi-fold doors

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### CABINETS

- Place Multiple Appliances in a cabinet. Add an oven and a warming drawer to the same cabinet; adjust or replace the appliance type by editing it in the Cabinet Specification dialog
- Double False Drawer item type. Show double-false drawers for sink base cabinets
- Multiple Door and Drawer styles per cabinet. Assign different door or drawer styles to a single cabinet; wall cabinets with glass doors on top; base drawer bases with slab and panel drawers