

# BIM

Batch Suite™



CTC SOFTWARE™  
DESIGN SOLUTIONS



BIM  
BATCH  
SUITE™

*"The BIM Batch Suite is filled with brilliant tools."*

- Duncan Lithgow, Architect

# BIM Batch Suite

"One thing that convinced me to choose CTC's tool is the intuitiveness of the user interface."  
- Silviu Stoian, The Beck Group



## Family Exporter

Allows a user to select specific families to export from projects.



## Family Loader

Automates the process of loading or reloading families into projects.



## Plotter & Exporter

Exports projects to files or plots them to paper or PDFs with an extremely easy to use interface. Jobs can be scheduled for unattended plotting and exporting as well.



## Projects & Families Upgrader

Upgrades multiple projects, templates and families at once, as well as migrates workshared (central) files automatically or upgrades them in place.



## Project Processor

Applies defined changes to many project models. Changes can include renaming, swapping, purging and more based on rules.

**BIM Batch Suite** provides tools that enable Revit users to process workflows en-masse, with a focus on importing and exporting data. No longer must a user carefully monitor or perform many common, repetitive tasks like printing to PDFs or upgrading families and projects.

Automatically open, process and save multiple models provided in a selection set, or process multiple models opened in the active Revit session. In addition to plotting drawings or exporting CAD files, rename, swap, purge and more based on rules. This powerful toolset can save hours of time for model managers when mass changes need to be made.

## Return On Investment

- Schedule printing and exporting jobs to run periodically on multiple models
- Eliminate weeks spent doing Revit model and family upgrades
- Consistently run cleanups and prep models for transmit or archive
- Quickly collect and reload families in models

# BIM Batch Suite

"The tools your team have created are just outstanding!"  
 - Tyler Buhr, HDH Architects



Projects and Families Upgrader

Revit Project Files

Look in Folder: P:\Temp\App Testing\User Monitor

Check  Uncheck

Upgrade	File Name	Version	Location	Worksharing Status
<input type="checkbox"/>	1301.0094.01 Roch Proton - ...	2016	P:\Temp\App Testing\User Monitor\2016proj...	Central Workshared
<input type="checkbox"/>	1301.0094.01 Roch Proton - ...	2016	P:\Temp\App Testing\User Monitor\2016proj...	Central Workshared
<input type="checkbox"/>	1301.0094.01 Roch Proton - ...	2016	P:\Temp\App Testing\User Monitor\2016proj...	Central Workshared
<input type="checkbox"/>	13010094_MRPT_M15.rvt	2015	P:\Temp\App Testing\User Monitor\2016proj...	Central Workshared
<input type="checkbox"/>	13010094_MRPT_P12.rvt	2012	P:\Temp\App Testing\User Monitor\2016proj...	Central Workshared
<input type="checkbox"/>	2016-CDB-NYPAC.rvt	2016	P:\Temp\App Testing\User Monitor\2016proj...	Central Workshared
<input type="checkbox"/>	8101 34th Ave_Arch_201611...	2017	P:\Temp\App Testing\User Monitor\2017proj...	Central Workshared
<input type="checkbox"/>	8101 34th Ave_Elec_2017.rvt	2017	P:\Temp\App Testing\User Monitor\2017proj...	Central Workshared
<input type="checkbox"/>	8101 34th Ave_Mech_2017...	2017	P:\Temp\App Testing\User Monitor\2017proj...	Central Workshared
<input type="checkbox"/>	8101 34th Ave_Struc_2017...	2017	P:\Temp\App Testing\User Monitor\2017proj...	Central Workshared
<input type="checkbox"/>	A17_RET Demo Building.rvt	2017	P:\Temp\App Testing\User Monitor\2017proj...	Central Workshared
<input type="checkbox"/>	CTC Building - 2015.rvt	2015	P:\Temp\App Testing\User Monitor\2015-Proj...	Central Workshared
<input type="checkbox"/>	CTC_16208_Franiscan_AR...	2018	P:\Temp\App Testing\User Monitor\2018proj...	Central Workshared
<input type="checkbox"/>	CTC_16208_Franiscan_AR...	2019	P:\Temp\App Testing\User Monitor\2019proj...	Central Workshared
<input type="checkbox"/>	ctc-16208_Franiscan WRT	2017	P:\Temp\App Testing\User Monitor\2017-proj...	Central Workshared

Prefix:  Copy to New Location:  T:\2019test

Suffix:

Search for:

Replace with:

Upgrade in Current Location

Open worksheet default:  Last Viewed

Include Revit Links

Include CAD Links

Override the preview image using the view with this name (enter the case-sensitive view name):

OK Close

Plotter and Exporter

Validate Settings Run Now Scheduler View

Date format: yyyy-MM-dd

Sources Available Views & Sheets Wildcard Search Library

- Main Floor - Finish Plan
- Main Floor Plan - Master - AREA A
- Main Floor Plan - Master - AREA B
- MENS 125 - Floor Plan
- RO - Code Plan
- RO - Demo Floor Plan
- RO - Floor Plan
- RO - Floor Plan - AREA A
- RO - Floor Plan - AREA B
- RO - Floor Plan - EXST
- RO - Floor Plan - Master
- Roof - Finish Plan
- ROOF LEVEL - Existing - Floor Plan - Working - CB
- ROOF LEVEL - Existing - Floor Plan - Working - ND
- ROOF LEVEL - Existing - Floor Plan - Working - SZ
- Second Floor - Finish Plan
- Sequence Selection Plan - BASEMENT LEVEL
- Sequence Selection Plan - LEVEL 1
- Sequence Selection Plan - LEVEL 2
- Sequence Selection Plan - LEVEL 3
- Sequence Selection Plan - LEVEL 4
- Sequence Selection Plan - ROOF LEVEL
- Site - Export CAD
- Third Floor - Finish Plan

Export Selections (20 Items)

Drag and drop source

- Printer/Plotter
- PDF
- Sheet: 4001
- Sheet: 4002
- Sheet: 4003
- Sheet: 4004
- Sheet: 4004 Ready
- Sheet: 4004 (1) - RLS - 2A-3 Kochentrasen
- Sheet: 4005 - RLS - -1.11 Meeting
- Sheet: 4006 - RLS - -1.11 Meeting
- Sheet: 4007 - RLS - -1.11 Meeting
- Sheet: 4008 - RLS - -1.11 Meeting
- Sheet: 4009 - RLS - -1.16 Technik
- Sheet: 4010 - RLS - -1.16 Technik
- Sheet: 4011 - RLS - -1.16 Technik
- Sheet: 4012 - RLS - -1.16 Technik
- Sheet: 4013 - RLS - -1.16 Technik
- Section: LONGITUDINAL SECTION
- Wildcard: All Views
- Wildcard: All Sheets
- DWG
- Wildcard: All Views
- Wildcard: All Sheets
- DXF
- DGN
- DWG/DWFX
- Navisworks
- IFC
- FBX
- CTC Model Compare

Use current Project Browser filters

File Architecture Structure Steel Systems Insert Annotate Analyze Missing

Context Suite Family Family Plotter & Proj & Fam Project Support Settings Exporter Loader Exporter Upgrader Processor CTC BIM Batch Suite

Properties

Elevation SOUTH ELEV Copy 1

Elevation SOUTH ELEV Edit Type

Graphics

View Scale 1/8" = 1'-0"

Scale Value 1:75

Display Model Normal

Detail Level Fine

Pans Visibility Show Original

Visibility/Group Edit

Graphic Displ... Edit

Hide at scales... 1" = 40'-0"

Discipline Architectural

Show Hidden... By Discipline

Color Scheme Background

Color Scheme <none>

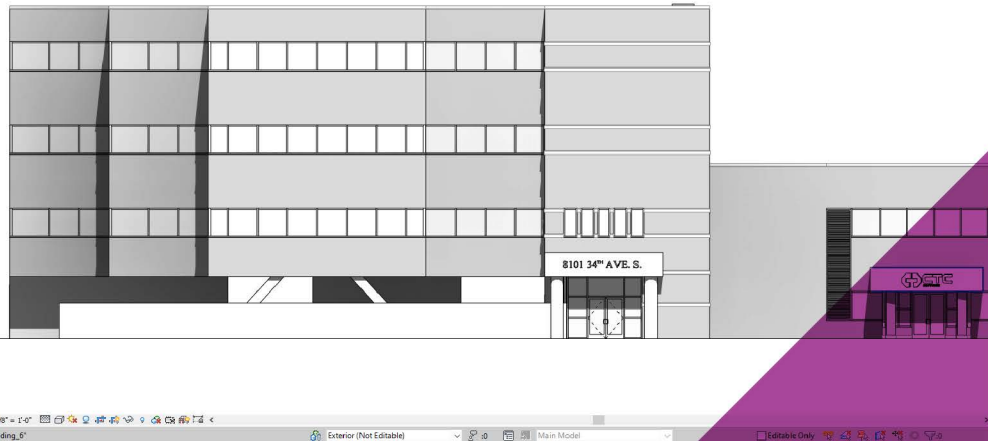
Default Analy... None

Reference Label

Properties help

Project Browser - 2020-8101 34th...

- Sequence Selectio
- Working
- 00\_3D ISO - Base
- 00\_Navis Export -
- 3D - shawn\_y14
- Elevations (Building Elev
- 777
- ELEVATION
- ELEVATION (1)
- Building Elevation
- EAST ELEVATION
- NORTH ELEVATION
- SOUTH ELEVATION
- SOUTH ELEVATION
- WEST ELEVATION
- Sections (Building Section
- Sections (Wall Section)
- Area Plans (Gross Building
- Legends
- Schedules/Quantities (all)



BIM BATCH SUITE

# BIM

Batch Suite



CTC SOFTWARE™  
DESIGN SOLUTIONS

[www.ctcsoftware.com](http://www.ctcsoftware.com)

📍 8101 34th Ave South, Suite 300  
Bloomington MN, 55425 USA

☎ 952.222.0000 (USA)

✉ [info@ctcsoftware.com](mailto:info@ctcsoftware.com)

🐦 @CTCBIM

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