

Ideate BIMLink

Common Workflows for
Architects and Interior Designers

Task	Task Description	Task Frequency per Project	Average Time Saved per Project (HRS)*
Pre-Design	Generate mass forms typically used for preliminary design. Gather floor area information critical for FAR calculations	1-3x during Preliminary Design	8.0
Create NEW Rooms and Areas	Create NEW rooms and areas with most data, such as name, number, department, and target area predefined	1-4x per project	15.0
Perform Life-Safety Occupancy Calculations	Gather room or area data for occupancy calculations. Push required information into area or room tags that need to report certain occupancy results	1-2x per project	8.0
Gather BOMA Area Data	Gather Revit area scheme data related to BOMA and export all BOMA area schemes at once to Excel. Calculate and summarize in Excel using pivot tables or Excel macros	1-2x per project	8.0
Perform Occupancy Calculations	Gather Revit room and area data related to occupancy and export to Excel. Accurately calculate and summarize data in Excel using pivot tables or Excel macros. Push data back into Revit and occupancy tags	1-2x per project	8.0
Count Plumbing Fixtures	Gather data from model to generate plumbing fixture counts	1-2x per project	8.0
Modify Existing Room and Area Data	Gather and/or modify existing room and area data, such as occupancy calculations and data for zoning submissions as the project program changes	2-3x per project	6.0

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Coordinate Data with Other Disciplines	Coordinate model data to ensure other disciplines are not overlapping or doing redundant work	1x per week	20.0
Name Views	Access visible and non-visible parameter data that can be used to appropriately rename interior and exterior views, including view orientation	2-4x per project	8.0
Review and Edit Doors and Hardware	Edit door data, including family, type, instance and names, and door data such as width, height, finish, details, hardware groups, and STC ratings. Export door information to Excel for a hardware consultant to review and edit. Import data back into Revit to complete door schedule and hardware key schedule	2-3x per project	6.0
QA/QC Model Elements	Clean up and review errant model items. Review elevation height of devices, element workset assignment, phase assignments, who created and last edited elements, and so much more	1x per week	10.0
QA/QC Door Ratings Against Wall Ratings	Review door instances fire ratings against host wall fire ratings	2-3x per project	4.0
Manage Interior Finish Data	Manage interior finish data. Send room finish data to interiors department and specification writers for review and editing	2-3x per project	15.0