

Ideate BIMLink - Common Workflows for Structural Engineers

Task	Task Description	Task Frequency Per Project	Average Time Saved per Project (HRS)*
Swap Structural Framing Instances	Swap structural columns, beams, and framing based on results from analysis software, such as ETABS® and Tekla®	2-4x per project	4.0
Audit General Structural Framing	Review structural framing instance properties, such as hosts, phasing, level reverences, comments, etc.	2-4x per project	4.0
Coordinate Data Extraction	Extract coordinate data from the structural model or import coordinate data from total station into Revit for detailed as-built coordination work	2-4x per project	8.0
QA/QC Level & Grid Comparisons	Extract grid and level information, such as name, number, X,Y,Z coordinates, etc. to compare against architectural model to ensure alignment	1x per week	2.0
Coordinate Slab Edges	Compare slab edges against hosts to ensure alignment	2-4x per project	8.0
Push Column Analytical Data into Tables	Review analytic information about structural column instances, including rotation, comments, and more	2-4x per project	20.0

* Data provided by customers as part of our global January 2020 Ideate BIMLink survey.
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Review Rebar Shapes	Review a variety of rebar shape parameters and make edits to certain properties. Gather rebar info to quantify reinforcement	2-4x per project	8.0
Manage Generic Annotations - Bolt and Weld Schedule Data	Manage detailed generic annotation data as it relates to structural-specific families such as bolts or welds	1-3x per project	4.0

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