Autodesk[®] Revit[®] Structure Release Comparison Matrix

LEGEND

✓ Supported Feature

ENHANCED Enhanced Feature

NEW New Feature

Bi-directional Functionality Project Phasing Project Standards Proj				
Bi-directional Functionality Project Phasing Project Standards Proj		2009	2010	2011
Project Phasing	USABILITY			
Project Standards Design Options Revisions Tracking Architectural and Site Tools Keyboard Shortcuts Finable Selection Base Commands Parametric Constraints and Families Parametric Constraints and Families Parametric Constraints and Families Parametric Visualization Rendering / Visualization Conceptual Form Modeling Text Formating Shortcuts Perpeat Last Command DOCUMENTATION Structural Plans, Elevations, and Sections Views Drawing Sheets Annotation Tags Annotation Tags Conversion Model line to Detail line Conversion Text Formating Model line to Detail line Conversion Text Formating Model line to Detail line Conversion	Bi-directional Functionality	√	√	√
Design Options Architectural and Site Tools Architectural and Site Tools Keyboard Shortcuts Enable Selection Base Commands Parametric Constraints and Families Temporary Dimensions Rendering / Visualization Conceptual Form Modeling Text Formating Shortcuts Text Formating Shortcuts DOCUMENTATION Structural Plans, Elevations, and Sections Views Drawing Sheets Annotation Tags Text and Leaders Characterial Take-offs Annotation Symbols Model line to Detail line Conversion Architectural and Site Tools A Conversions A Conversio	Project Phasing	✓	1	✓
Revisions Tracking Architectural and Site Tools Architectural and Site Tools Architectural and Site Tools Architectural and Site Tools Architectural Site Tools Architectural Site Tools Architectural Site Tools Architectural Base Commands Architectural Base Commands Architectural Selection Base Commands Architectural Selection Base Commands Architectural Plans Selection Base Commands Architectural Plans, Elevations, and Sections Views Architectural Plans, Elevations, and Sections Views Architectural Plans, Elevations, and Sections Views Architectural Plans, Elevations Architectural Plans Architec	Project Standards	✓	1	✓
Architectural and Site Tools Keyboard Shortcuts Parametric Constraints and Families Parametric Constraints	Design Options	✓	1	✓
Keyboard Shortcuts	Revisions Tracking	✓	1	✓
Enable Selection Base Commands Parametric Constraints and Families Parametric Const	Architectural and Site Tools	✓	1	✓
Parametric Constraints and Families Temporary Dimensions Rendering / Visualization Conceptual Form Modeling Conceptual Form Modeling Text Formating Shortcuts Find and Replace Tool for Text Repeat Last Command DOCUMENTATION Structural Plans, Elevations, and Sections Views Details & Keynoting AEC Dimensions J LENHANCED Annotation Tags J LENHANCED Text Annotation Tags Schedules and Material Take-offs Annotation Symbols Model line to Detail line Conversion Text Formating	Keyboard Shortcuts	✓	1	ENHANCED
Temporary Dimensions Rendering / Visualization Conceptual Form Modeling Conceptual Form Modeling Text Formating Shortcuts Find and Replace Tool for Text Repeat Last Command DOCUMENTATION Structural Plans, Elevations, and Sections Views Details & Keynoting AEC Dimensions J ACC Dimensions J CENTANCED Annotation Tags Text and Leaders Schedules and Material Take-offs Annotation Symbols Model line to Detail line Conversion Text Formating	Enable Selection Base Commands	✓	1	ENHANCED
Rendering / Visualization Conceptual Form Modeling Text Formating Shortcuts Find and Replace Tool for Text Repeat Last Command DOCUMENTATION Structural Plans, Elevations, and Sections Views Details & Keynoting AEC Dimensions J J J J J J J J J J J J J	Parametric Constraints and Families	✓	1	ENHANCED
Conceptual Form Modeling Text Formating Shortcuts Find and Replace Tool for Text Repeat Last Command DOCUMENTATION Structural Plans, Elevations, and Sections Views Details & Keynoting AEC Dimensions V AEC Dimensions V CENHANCED Annotation Tags Text and Leaders Schedules and Material Take-offs Annotation Symbols Model line to Detail line Conversion Text Formating	Temporary Dimensions	✓	1	ENHANCED
Text Formating Shortcuts Find and Replace Tool for Text Repeat Last Command DOCUMENTATION Structural Plans, Elevations, and Sections Views AEC Dimensions V V V V Porawing Sheets Annotation Tags Text and Leaders Schedules and Material Take-offs Annotation Symbols Model line to Detail line Conversion Text Formating	Rendering / Visualization	✓	1	ENHANCED
Find and Replace Tool for Text Repeat Last Command DOCUMENTATION Structural Plans, Elevations, and Sections Views Details & Keynoting AEC Dimensions Drawing Sheets Annotation Tags Text and Leaders Schedules and Material Take-offs Annotation Symbols Model line to Detail line Conversion Text Formating	Conceptual Form Modeling		1	ENHANCED
Repeat Last Command DOCUMENTATION Structural Plans, Elevations, and Sections Views Details & Keynoting AEC Dimensions Drawing Sheets Annotation Tags Text and Leaders Schedules and Material Take-offs Annotation Symbols Model line to Detail line Conversion NEW NEW Text Formating	Text Formating Shortcuts			NEW
DOCUMENTATION Structural Plans, Elevations, and Sections Views Details & Keynoting AEC Dimensions Drawing Sheets Annotation Tags Text and Leaders Schedules and Material Take-offs Annotation Symbols Model line to Detail line Conversion NEW Text Formating	Find and Replace Tool for Text			NEW
Structural Plans, Elevations, and Sections Views Details & Keynoting AEC Dimensions V V ENHANCED Text and Leaders Schedules and Material Take-offs Annotation Symbols Model line to Detail line Conversion Text Formating	Repeat Last Command			NEW
Details & Keynoting AEC Dimensions V V Drawing Sheets Annotation Tags Text and Leaders Schedules and Material Take-offs Annotation Symbols Model line to Detail line Conversion Text Formating	DOCUMENTATION			
AEC Dimensions Drawing Sheets Annotation Tags Text and Leaders Schedules and Material Take-offs Annotation Symbols Model line to Detail line Conversion Text Formating	Structural Plans, Elevations, and Sections Views	✓	✓	✓
Drawing Sheets Annotation Tags Text and Leaders Schedules and Material Take-offs Annotation Symbols Model line to Detail line Conversion Text Formating	Details & Keynoting	✓	1	✓
Annotation Tags Text and Leaders Schedules and Material Take-offs Annotation Symbols Model line to Detail line Conversion Text Formating	AEC Dimensions	✓	1	✓
Text and Leaders Schedules and Material Take-offs Annotation Symbols Model line to Detail line Conversion Text Formating	Drawing Sheets	✓	1	ENHANCED
Schedules and Material Take-offs Annotation Symbols Model line to Detail line Conversion Text Formating Text Formating	Annotation Tags	✓	1	ENHANCED
Annotation Symbols Model line to Detail line Conversion Text Formating NEW NEW	Text and Leaders	✓	1	ENHANCED
Model line to Detail line Conversion Text Formating	Schedules and Material Take-offs	✓	1	ENHANCED
Text Formating NEW	Annotation Symbols	✓	√	ENHANCED
•	Model line to Detail line Conversion			NEW
Insulation Tool NEW	Text Formating			NEW
	Insulation Tool			NEW

Autodesk[®]

	2009	2010	2011
STRUCTURAL MODELING TOOLS			
Structural Framing, Structural Column, Structural Foundation	✓	✓	✓
Boundary Conditions	✓	✓	√
Structural Loads	✓	✓	✓
Steel Beam Coping and Curved Beams	✓	✓	✓
Sloped/Warped Slabs	✓	1	√
Beam Systems	✓	1	ENHANCED
Trusses	✓	1	ENHANCED
Concrete Reinforcement	✓	1	ENHANCED
Analyical Model	✓	1	ENHANCED
Concrete Join/Cleanup	✓	1	ENHANCED
Structural Family Content	✓	1	ENHANCED
Slanted Columns		1	ENHANCED
Beam Placement using 3D CAD Geometry			NEW
Control Beam Length Tolerance			NEW
Split Wall Gap Tool			NEW
USER INTERFACE			
3D Navigation Tools	✓	1	√
View Control Bar	✓	1	ENHANCED
Information Center		1	✓
Autodesk® Seek web service		1	✓
Application Menu		1	ENHANCED
Task-Based User Interface		/	ENHANCED
Quick Access Toolbar		/	ENHANCED
Properties Palette			NEW
Keyboard Shortcuts Dialog			NEW
Web-Based Help			NEW

	2009	2010	2011
COLLABORATION			
Copy Monitor / Coordination Review	✓	√	✓
Interference Checking	√	1	✓
AutoCAD® Architecture Interoperability	√	1	✓
Publish to DWF™ format	√	1	✓
Export to Autodesk® Navisworks®	√	1	✓
Import / Export CAD Format Files	√	1	ENHANCED
Linked Revit Files	√	1	ENHANCED
Export IFC Format	√	1	ENHANCED
Worksharing (Multi-User File Sharing)	√	1	ENHANCED
Application Programming Interface (API)	✓	1	ENHANCED
Autodesk® Inventor® Interoperability		✓	ENHANCED