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ShapeBuilder is a tool for determining the cross section properties of a shaped member. You can select a member shape, and enter properties such as volume, mass, area, bending moment, etc. ShapeBuilder will then return the cross section area, cross section stiffness, and other properties that are related to the shape of the member. The basic usage of the ShapeBuilder application is that you provide a member shape of interest, and then you are able to enter cross section properties such as area, volume, mass, flexural and bending stiffness, buckling load, and shear strength. The "Big Idea" behind ShapeBuilder is that you can quickly determine the structural section properties of a complex shaped cross section. To support these calculations, ShapeBuilder incorporates all of the relevant equations and assumptions for calculating cross section properties such as area, moment of inertia, and section modulus. ShapeBuilder can be used to determine: - the section properties of a given cross section - the cross section properties of a complex member shape - the cross section properties of a region of interest ShapeBuilder is designed to be a modular tool; one that can be easily customized. The modular design allows you to provide the basic input, which is a member shape. Then the shape builder can be used to calculate properties as desired. Once you have a cross section property, you can also save it to a spreadsheet, and use it as part of a wider design process.

Calculate properties of an arbitrary shaped cross section: With ShapeBuilder you can calculate the cross section properties of a member shape. You can enter a member shape, and then enter properties such as volume, area, length, mass, and bending and torsion moments. You can then immediately return the cross section properties that you have calculated. You can also save these properties to a spreadsheet and use them in a wider design process. Calculate Cross Section Properties for a Complex Member Shape: ShapeBuilder can be used to determine the section properties of a member shape, such as a cut-up member shape, or a structure with multiple cuts. You can define the shape of the member, then enter properties such as volume, area, moment of inertia, flexural and bending stiffness, buckling load, and shear strength. You can then immediately return the cross section properties for the member shape. You can also save the properties to

To simply use this macro, select the first line of your drawing. Then press the "Enter" key. The macro will add lines to the design by default. To deselect the first line, highlight it and then press "Enter" again. To change the property value or the type of analysis, highlight the line and then press the "Tab" key to cycle to the properties or type field. To perform an analysis, select "Analyze" from the "Type" menu and then press "Enter". To stop running the macro, highlight the line and press "Esc". To "back up" the line, highlight it and press "Ctrl"+"S". To "back up" the analysis, highlight the line and press "Esc". To "back up" the entire analysis, highlight the first line and press "Ctrl"+"S". To "back up" the entire drawing, select "Print" from the "Architectural" menu. When the print appears, press "Ctrl"+"S" to run the macro or "Esc" to stop. To create a new drawing in the same project, select "New from template" from the "Architectural" menu. Why is the column height incorrect? Hint: To determine if the height of a column is valid, press "Tab" to cycle to the "Column properties" menu. Select "Height" from the "Column properties" menu and then press "Enter". A cross will appear in the column if the height is invalid. Custom Menu-Function Description: To access the Custom menu, press the "F1" key. To select a command, highlight it and then press "Enter". To go back to the Standard menu, press "Esc". To undo a function, select "Undo" from the "Standard" menu. To redo a function, select "Redo" from the "Standard" menu. To exit, press "Esc". To run this macro, select "Run Macro" from the "Standard" menu. To stop running the macro, select "Stop running macro" from the "Standard" menu. To run another macro, select "Macro" from the "Standard" menu and then press "Enter". To open the program window, press "Win" from the "Standard" menu. To save this document, press "File" from the 1d6a3396d6

ShapeBuilder

ShapeBuilder and ShapeSave are products of L3 Technologies. ShapeBuilder is the tool for designing structure shapes and doing basic structural section property calculations. ShapeBuilder can calculate section properties of a single cut-down cross section or a complex, assembled cross section. You can also determine a section's properties by entering section properties into ShapeBuilder from Excel or Access tables. ShapeBuilder will calculate the properties of a single cross section but not a multi-part construction. ShapeBuilder will also calculate section properties of a 'slice' or cross section from any CNC, mill or other cutting technology. The software can also be used to determine properties of any rectangular, circular, square, or other closed polygon cross section. If you want to find the properties of a cross section ShapeBuilder's basic section properties are great. If you want to find the properties of a complex, multi-part, cut-down section ShapeBuilder's other advanced features are designed for the job. ShapeBuilder includes: Feature Viewer: The Feature Viewer displays a section's properties for a single cross section or the properties of a complex multi-part construction. It also allows you to cut the section out of a file or image and quickly determine the section's properties. Geometric Analyzer: The Geometric Analyzer is a special Viewer that will determine section properties and/or shear force and moment distributions for a plan area. CAD Copier: The CAD Copier is designed to copy sections from one file to another. You can also use it to create section properties from Excel or Access table data. Export Studio: The Export Studio allows you to export section properties from a shape to a variety of file types. Geometry and Surfaces: The Geometry and Surfaces Viewer will import and export a section's properties to and from SketchUp, Rhino, AutoCAD, and Excel. Stress Analysis: The Stress Analysis Viewer will allow you to perform 3D stress analysis using geometric properties, section properties, or a combination of both. Save/Import Studio: The Save/Import Studio will allow you to save a section's properties from a file in Excel or Access to a shape or to another file. What's New: Included the new 'ShapeBuilder Viewer' which will display a section's properties in real time or for a single cross section or a complex, multi-part construction. Added SketchUp import and

What's New in the?

ShapeBuilder is a tool for doing a wide variety of structural engineering tasks related to shapes and their properties. Originally this tool calculated basic section properties for plane areas; properties like area, moment of inertia, section modulus, and more. The "Big Idea" for ShapeBuilder is that you can quickly determine the structural section properties of a complex built-up or cut-down cross section. ShapeBuilder also incorporates many additional features including stress analysis, composite properties, reinforced concrete capacity analysis, and more. ShapeBuilder is also the tool for IES shape database customization. Get ShapeBuilder and try it for yourself to see what it's all about! Get ShapeBuilder for Windows and Macintosh ShapeBuilder for Windows (and Macintosh) is free. Purchase the full version of ShapeBuilder for Windows for \$80. The \$20 upgrade offers additional technical support and can be done online or by telephone. Get ShapeBuilder ShapeBuilder is available for purchase, by downloading the manual and installing the program. The software can be ordered through the web-site or a downloadable installer file can be requested by email. Get ShapeBuilder The ShapeBuilder site has been moved to its own web-site Click on the "ShapeBuilder" link on this page. For more information about ShapeBuilder download the manual. Get ShapeBuilder for Macintosh ShapeBuilder for Macintosh is free. Purchase the full version of ShapeBuilder for Macintosh for \$80. The \$20 upgrade offers additional technical support and can be done online or by telephone. Get ShapeBuilder for Macintosh The ShapeBuilder site has been moved to its own web-site Click on the "ShapeBuilder" link on this page. For more information about ShapeBuilder download the manual. Get ShapeBuilder for Windows ShapeBuilder for Windows is free. Purchase the full version of ShapeBuilder for Windows for \$80. The \$20 upgrade offers additional technical support and can be done online or by telephone. Get ShapeBuilder for Windows The ShapeBuilder site has been moved to its own web-site Click on the "ShapeBuilder" link on this page. For more information about ShapeBuilder download the manual. Get ShapeBuilder for Macintosh ShapeBuilder for Macintosh is free. Purchase the full version of ShapeBuilder for Macintosh for \$80. The \$20 upgrade offers additional technical support and can be done online or by telephone. Get ShapeBuilder for Macintosh The ShapeBuilder site has been moved to its own web-site Click on the "ShapeBuilder" link on this page. For more information about ShapeBuilder download the manual. Get ShapeBuilder for Macintosh ShapeBuilder for Macintosh is

System Requirements:

Minimum specifications: OS: Windows 7 CPU: 2.8 GHz Core 2 Duo or faster, or Intel Core i3 RAM: 4 GB HDD: 40 GB Latest DirectX version (only if no previous version is installed) GPU: Nvidia GeForce GTX 575M or equivalent AMD graphics card or higher (ATI Radeon HD 5870 or higher recommended) Additional: HDD: 64GB Max Resolution: 1920x1080 Recommended: OS: Windows 10 CPU: Core i

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