

Release Notes for RISA-2D Version 8.0.1

Enhanced Loading Features

- Added ASCE-7 2005 Load Combinations

Enhanced Analysis Features

- Added a Sparse Solver to Speed Up Solution Times and Reduce Memory Requirements

Enhanced Steel Design Features

- Added AISC-13th Edition Steel Code
 - Ability to Use 1.6*P-Delta Effect for ASD Design
 - Ability to Reduce Flexural Stiffness for Certain Members of Lateral Resisting System Based on the Axial Load in the Members. This is Done on a LC by LC Basis.
 - Ability to Reduce Axial Stiffness for Certain Members of the Lateral Resisting System
- Changed the BS Steel Code to Distinguish Between H and I Sections when Choosing which Strut Curve to Use
- Corrected Bug in AISC C_b Calculation when Using the "Segment" Code

Enhanced Concrete Design Features

- Added Mexican Concrete Design Code

Enhanced Wood Design Features

- Added NDS 2005 Wood Code
- Corrected a Bug in the 2001 Wood Database that was Using a Lower F_c Value for DFL #2 Posts and Timbers

Miscellaneous Enhancements/Corrections

- Added Graphical Filtering for Shape Optimization
- Double Wheel Click Now Calls Up a Full Screen View
- Added INI Only Option to Turn Off the Dynamic Mouse Graphics Features
- Corrected a Bug with the Block Fill Command that was Only Allowing the First 3 Cells of the Block to be Filled.
- Corrected a Bug with the Internal Force Summation Tool that Could Cause a Crash for Models with Triangular Plate Elements.
- Corrected a Bug where Changing the Member Type of a Concrete Member Did Not Clear the Stiffness Matrix.

Release Notes for RISA-2D Version 8.0.2

Enhanced Concrete Design Features

- Added Mexican Concrete Design Code

Miscellaneous Enhancements/Corrections

- Corrected a Bug where a report or a results spreadsheet could not be printed.