Release Notes for RISAFloor

Version 13.0.4 Enhancements/Corrections

- Enhanced message to include required version number during use of the Director to transfer between programs of incompatibility.
- Corrected an issue that didn't allow program integration for models saved on a shared network location.
- Resolved an issue that was not allowing the program to fully close on exit due to a licensing error.
- Removed false error message of not being able to release subscription license on select machines.
- Resolved an issue that prevented the import of select file types from other programs.
- Resolved an issue that caused solution files to be deleted when transferring between programs.
- Resolved an issue where the internal wood diaphragm counter could become mismatched.
- Corrected an issue that prevented the design of non-cantilevered members, that were erroneously assigned as cantilevers.
- Corrected an issue where the program erroneously reported 'No 0 in. thickness values in database for Aspen Select Structural.'
- Resolved an issue where wood or steel products design results were not preserved after transferring back to RISAFloor from RISA-3D and RISAFoundation.
- Resolved an issue that caused RISAConnection to be unable to read previously saved solution files from RISAFloor.

Version 13.0.3 Enhancements/Corrections

- Added A913 Gr.65 material to default U.S. hot rolled steel materials.
- Updated Ry and Rt for A1085 material in default U.S. hot rolled steel materials.
- Updated cross sectional properties of Canadian wide flange W690x802 in the shape database.
- Improved calculation of seismic mass for models with thickened slabs, drop panels or shear caps.
- Enhanced support for connection integration from the demonstration version of RISA-3D & RISAFloor into the demonstration version of RISAConnection.
- Added a new warning message for splice connections with incomplete connection rules.
- Improved integration functionality when exporting connection results from RISAConnection to automatically bring RISA-3D into the foreground.
- Updated the leaning column calculations by correcting the column length and wall centroid values.
- Updated the tributary height used to calculate wind load to only consider floors with diaphragms.
- Revised the User Defined Rebar detail report for rebar regions. Previously the user defined top rebar parameters were reported instead of the rebar region parameters.
- Added an error message for two-sided clip angle connections assigned to the wrong column orientation.
- Fixed an issue where user defined reinforcement was not prioritizing custom reinforcement regions over a continuous uniform rebar option.
- Corrected an issue for user defined concrete slabs where the additional top rebar design rule was not applied for design.
- Resolved an issue where the internal wood diaphragm counter could become mismatched.
- Corrected an issue where upsizing a member in RISA-3D and transferring back to RISAFloor would cause RISAFloor to close unexpectedly during solution.
- Resolved an issue where clicking a cell in the Connection Rules spreadsheet would change the connection type.
- Fixed an issue where diagonal brace seismic connection rules pertaining to RISA-3D were reported as invalid in RISAFloor.

Version 13.0.2 Enhancements/Corrections

- Corrected an error for the 22K6 steel joist where the capacity value was taken as that for a span 1 foot longer than the member length in the SJI 43rd/44th database.
- Corrected an issue for models integrated with RISA-3D where semi-rigid wind loading would not apply to multiple diaphragms at the same level.

Version 13.0.1 Enhancements/Corrections

- Added the ability to delete all construction lines in a concrete slab floor type.
- Improved description of loading diagram for members with live load reduction in Detail Report.
- Added the functionality to adjust analysis offsets graphically when integrated with RISA-3D.
- Resolved the inability to draw construction lines on a slab supported floor by offsetting from either project grid or wall.
- Resolved an issue which caused the program to close unexpectedly when the Redesign tool was used on a cantilevered member.
- Resolved an issue where custom saved Drawing Grid settings would prevent program integration to RISA-3D.
- Corrected an issue where the user defined reinforcement results would display incorrectly.
- Corrected an error where concrete wall panels were reporting a negative axial code check.
- Resolved the inability to open a model that had 100+ more nodal loads than the number of nodes in the model.
- Resolved an error with RISAConnection integration where properly assigned column splices would give erroneous warning messages and not get designed.
- Added support for connection integration from the demonstration version of RISAFloor into the demonstration version of RISAConnection.

Version 13.0 Enhancements/Corrections

- Analysis:
  - Added compatibility with IBC 2018.
  - Added *ASCE 7-16*
    - Added Load Combination generation
  - Added *NBC 2015* Canadian building code provisions
    - Added Load Combination generation
  - Enhanced the Detail Report to clarify which loads are included in the deflection results.
- General:
  - Added Construction Lines to the Drawing Grid dialog.
  - Added Support Lines and Design Strip properties to the Criteria search.
  - Added an option to graphically copy beams, columns, walls and joints on a floor level to another existing floor level.
  - Added tabs to the Floors spreadsheet to improve the spreadsheet format and size.
  - Improved the copy and move tools in the Project Grid Line Editor.
  - Increased the DXF file limit for the number of polylines the program can import as a drawing grid to 5000.
  - Added an error message when wall system was "nested" inside of framing systems.
  - Corrected an error involving nested circuits on a one-way slab.
- Hot-Rolled Steel:
  - Added member design per the *AISC 15th Edition Manual (360-16): ASD & LRFD*.
- Steel Joists:
  - Added a message to the steel joist detail report indicating the controlling live load.
  - Corrected the display of the steel joist live load diagram that showed multiple roof live loads. This did not affect the design.
  - Fixed an issue to allow all joist girder sizes to be selected from the Draw Beams or Modify Beams dialog.

- Concrete:
  - Added the label "phi" to the Concrete beams spreadsheets.
  - Corrected the toggling functionality of the deflection diagrams in Detail Reports for concrete beams.
- Masonry:
  - Added the Masonry Lintel Design Rule input properties in RISAFloor for c/c spacing of layers, distance to the bottom fiber, and the stirrup size.
  - Fixed a display error in the detail reports for Masonry wall panels that showed fully grouted in place of partially grouted.
- Wood:
  - Corrected the double-click dialog display of the wood member shape group.
- Integration:
  - Added capability to transfer columns with pinned top and bottom (shear splice base) from RISAFloor to RISA-3D.
  - Resolved an issue where columns with pinned tops in RISAFloor had bending moment at the top of the column in RISA-3D.
  - Corrected the Global Model Setting display of the stainless steel code selection which overlapped Live Load Reduction.