Release Notes for RISAFloor

Version 18.0.2 Enhancements/Corrections

- General:
  - Updated the license manager to use a new identity provider for cloud licenses and allow single sign-on.
- Steel:
  - Updated three ASC deck databases (BH-36, BHN-36R, and ASC Steel Roof Deck).

Version 18.0.1 Enhancements/Corrections

- Integration:
  - Corrected an issue where automatically generated roof wind area loads led to a co-planar error during integration with RISA-3D.
  - Resolved a model specific issue where edits to the hot rolled camber values could not be saved during round-trip integration with RISA-3D.
- Interface/Graphics:
  - Resolved an issue where using criteria selection for slabs in a beam supported floor (no slab) could cause the program to close unexpectedly.
  - Resolved an issue where modifying a diaphragm edge in a plan view while a full model view was open on the side might cause the program to close unexpectedly.

Version 18.0 Enhancements/Corrections

- Concrete:
  - Added ACI 318-19 (22) concrete code for concrete design.
  - Corrected CSA one-way shear Vr calculation methodology.
- Operations:
  - Added spreadsheet-based batch editing and template saving for wall panel openings.
- Analysis:
  - Added functionality to incorporate columns into walls.
- General:
  - Added functionality to allow nodes from a RISAFloor model to be detached from diaphragms in RISA-3D.
  - Removed continuous beam over column connection assignment from beam member properties in the double-click dialog box.
  - Updated the minimum wind pressure used in the wind load generator to be 16psf for ASCE 7-10 and 7-16.
- Wood:
  - Added options for stud spacings of 12" and less in the design rules of wood walls.
- Masonry:
  - Updated the default Masonry strength f'm in the Material Spreadsheet to be 2000psi.
- Integration:
  - Resolved an issue with incorrect load transfer into RISAConnection based on member orientation for continuous beams over column connection.
  - Corrected a problem where lateral columns set as continuous beam over column in RISAFloor lost their connection assignment when integrated into RISA-3D.
  - Fixed an issue where a corrupted model file with bad data in CFS wall types caused an error with the message "Null object cannot be converted to a value type" during integration.

    - Fixed a rare issue where modifications requiring the clearing of saved solutions after round-trip integration could unexpectedly close the program due to some mesh nodes not initializing properly.
- Interface/Graphics:
    - Updated URLs in the Subscription Login Dialog to direct users to the revised sections of the customer portal website.
    - Corrected visual error in the Seismic Loads window during RISAFloor to RISA-3D integration to accurately indicate parapet height consideration.