

Release Notes for RISAFoundation

Version 8.0.2 Enhancements/Corrections

- Made significant improvements to the behavior of Subscription licensing, including adding the ability to view current license usage.
- Propped retaining walls are no longer checked for overturning stability.
- Propped retaining walls now enforce that the base is restrained against sliding.
- Fixed an issue with grid line generation to allow grid lines to be inserted at the beginning of an existing project grid.

Version 8.0.1 Enhancements/Corrections

- Concrete Design:
 - Governing load combinations for shear and bending code checks have been added to the results spreadsheets and member detail reports.
- Spread Footings:
 - Updated spread footing design to make design forces based on load combination rather than load categories. This could have caused a symmetrical loading situation to give non-symmetric results.
 - Fixed a problem where spread footings connected to slabs with grade beams would act as if they were unconnected.
 - Updated the program to give more information for failing footing flexure checks when the footing cross-section is not tension-controlled. Previously the rebar would be omitted, but it was not clear why.
 - Corrected an issue with spread footings where banded reinforcement of rectangular footings could result in excess steel for some regions.
 - Clarified the selection of the Boundaries and Eccentricities in the Footing Definition spreadsheet.
- Wall Footings:
 - Added a check for net uplift on wall footings. If large upward forces are present a Warning Log message will trigger.
 - Added warning messages for failing wall footings, making it more obvious to see when there is a problem.
- Pile Caps:
 - Added warning messages for failing pile caps, making it more obvious to see when there is a problem.
- Slabs:
 - Results are no longer cleared when editing the Slab Design Rules spreadsheet.
 - Fixed a solver error that could occur with closely spaced nodes along the edge of a slab element.
- Punching Shear:
 - Corrected an issue where pedestal self weight was not being considered in the slab punching shear calculations.
- General:
 - Added an option for subscription licensing.
 - Added live load reduction for column reactions into RISAFoundation
 - Added a warning to notify the user that there are point loads in the model that have no supports.
 - Fixed a problem in models which include a pedestal but not a slab or footing in a model integrated with RISAFloor and/or RISA-3D.

Version 8.0 Enhancements/Corrections

- Added the *ACI 318-14* concrete code.
- Added the ability to batter retaining walls.

- Added the ability to model the edges of adjacent slabs as pinned to each other. This is useful for shear key or dowel joints between slabs.
- Added punching shear checks for pedestals inside of thickened regions.
- Corrected an issue where the input pedestal clear cover value did not match the value displayed in the detail report rebar graphic.
- Increased the program limit number of slab elements to 250.
- Corrected a graphical display and printing problem with footing detail reports.
- Fixed a problem where the programs won't close down properly from the taskbar.
- Fixed a problem with Help files not working when the program was installed to a folder with a period in the name.
- Fixed an error where the time stamp was no longer showing up on printed reports.
- Updated the program to allow export from RISA-3D to RISAFoundation if Tension-Only members are present.
- Updated the orientation of a landscape image so the image is rotated counter-clockwise instead of clockwise.