

Release Notes for RISAFoundation Version 2.0

Version 2.0 Enhancements/Corrections

Interface & Graphics Enhancements/Corrections

- Allow users to add pedestals to slab foundations.
- Added the option to place rebar at the mid-depth of a slab.
- Improved model selection criteria.
- Enhanced the Detail Report for design cuts.
- Added a Load Categories spreadsheet.
- Added select/unselect option for cuts, soil regions, and slabs.
- Added the option to copy load categories in the Load Combination spreadsheet.
- Merged Design Strips and Design Cuts into one spreadsheet.
- Added plot options for strips and cuts design rules.
- Added the option to display local axes to plates in the plot option dialog.
- Expanded ability to graphically delete items (design strips and cuts and such)
- Enhanced the plate label toggle to be a 3 way toggle: Show Plates (w/o Label), Show Plates (w/ Label), And Do NOT Show Plates.
- Modified the program to delete area loads if one of the designated points is deleted.
- Fixed a bug relating to deleting rebar layouts that are in use in the model.
- Corrected the values reported in the Detail Report related to the stress block.

Concrete Design Enhancements/Corrections

- Added punching shear calculations for pedestals on mat slabs.
- Added ability to use a single layer of reinforcement at the center of the slab.
- Added a Detail report for Design Strips
- Enhanced Design Cut output in Detail Reports.
- Increased the default number of cuts in a Design strip to 50.
- Added the ability to change the Rebar Angle in the Modify Strip dialog.
- Corrected the minimum placement of steel in a design cut.
- Corrected a bug where no design was performed if a design cut had a moment very close to zero.

Interaction Enhancements/Corrections

- Fixed bug related to reading the redesign rule parameters in an appended RISAFoundation file.
- Corrected the exporting of Footing Pedestal Dimensions to a DXF file.

Version 2.0.1 Enhancements/Corrections

- Adjusted overlapping text in Beam Detail Reports.
- Adjusted rebar call out locations on Slab Design Strips to avoid overlapping text when applying horizontal and vertical design strips to the same area.
- Corrected conversion of Fy from Imperial to Metric units in the Custom Rebar Layout dialogue.
- Corrected the printing of the loads spreadsheets. It previously showed erroneous values for printing only.
- Fixed a bug where the program was not properly re-assigning a rebar layout that had naming conflicts.
- Corrected tight bar spacing for concrete members with crack control requirements.

Version 2.0.2 Corrections

- Corrected the display of the contours and contour legends.