

# Release Notes for RISAFoundation Version 2.0

## Version 2.0.0 Enhancements / Corrections

### *Interface & Graphics Enhancements/Corrections*

- Allows user to add pedestals to slab foundations.
- Added 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 Load Combination spreadsheet.
- Merged Design Strips and Design Cuts into one spreadsheet.
- Added plot option for strip and cut 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 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.
- Correct the display of incorrect stress block selection in the detail reports.
- Improved the layout of the Delete Items dialog box.

### *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
- Increased the default number of cuts in a Design Strip to 50.

- Added the ability to change Rebar Angle in the Modify Strip dialog.
- Corrected an issue relating to 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 a bug with exporting of Footing Pedestal Dimensions to a DXF file.

### **Version 2.0.1 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 dialog.
- Corrected a printing bug that could cause load input spreadsheets to show erroneous values in the printed reports.
- Fixed a bug where the program was not properly re-assigning a rebar layout that had naming conflicts.
- Corrected an issue where where crack control requirements for concrete members could produce tight bar spacing.

### **Version 2.0.2 Corrections**

- Corrected the display of the contours and contour legends.

### **Version 2.0.3 Corrections**

- Fixed an error in exporting a footing DXF where the output on the footing schedule did not match the graphical view of the footing.
- Fixed an issue which prevented sorting in the soil pressure results spreadsheet.
- Modified bearing check in RISAFoot. Older version were including weight of footing and overburden to arrive at an overly conservative bearing check
- Corrected issue with spread footing top bar steel requirements where bars could be sized for positive moment rather than negative.
- Corrected an issue where the "default" global parameter settings were not being set properly for models that came from RISA-3D or RISAFloor.