

Release Notes for RISACONNECTION

Version 11.0.2 Enhancements / Corrections

- Enhanced the Hilti PROFIS link to send multiple base plate connections.
- Updated the Hilti PROFIS integration which does not yet support brace to base plate connections.
- Updated the tensile stress, F_u , for plate material A529 Gr.50 to 65 ksi for new models.
- Updated the HSS Punching Shear limit state to allow ASTM A500 Grade C material as acceptable for column ductility.
- Resolved an issue where the reported capacity in the Plate Washer Punching Shear check was not using the omega safety factor.

Version 11.0.1 Enhancements / Corrections

- Added Flange Plate Moment Column Cap Plate design.
 - Columns may be wide flange or HSS tube.
- Corrected an issue where the length and width dimensions were mismatched for the knee brace connection.

Version 11.0.0 Enhancements / Corrections

- Added a link with Hilti Profis to export base plate connections for anchor bolt pullout design.
- Added HSS Tube design per the Canadian (CSA S16-14/09) steel code for the following:
 - Shear Tab connection with HSS column
 - Clip Angle (One Side) connection with HSS column
 - HSS to HSS connection
 - Vertical Diagonal Brace connection with HSS column
 - Vertical Chevron Brace connection with HSS beam
 - Knee Brace connection with HSS column or HSS beam
- Updated r_0 calculation for Column Flange Weld Strength for column base plate connection.
- Updated Block Shear calculation with proper U_{bs} values for multiple rows of bolts.
- Corrected the custom image for report printing.
- Resolved an issue that was preventing integration from RISAFloor v14 and RISA-3D for models with quotations in the material label.
- Fixed an issue where connection rules assigned to tapered wide flanges were not transferring from RISA-3D to RISACONNECTION.
- Corrected the Top Column Distance for vertical brace connections integrated with RISA-3D which was conservatively affecting the Column Flange Bending check.