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Braced Frame Seismic Connections

I am trying to understand the requirements for bracing connections in AISC 341-02 (the 2002 AISC seismic provisions). In Sections 13.3a and 14.2, the required strength of the connection is the expected tensile strength of the brace, $R F A_g$. How can I meet that strength requirement for tension in the connected elements? According to Sec. 13.3b:

The design tensile strength of the bracing members and their connections, based upon the limit states of tension rupture on the effective net section and block shear rupture strength, as specified in LRFD Specification Section J4, shall be at least equal to the Required Strength of the brace as determined in Section 13.3a.

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Steel Interchange is a forum to exchange useful and practical professional ideas and information on all phases of steel building and bridge construction. Opinions and suggestions are welcome on any subject covered in this magazine.

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