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multiple row moment end-plate connections. The text includes a review of the uses and classifications of moment end-plate connections, general end-plate connection design procedures, and specific procedures for flush end-plate design, extended end-plate design, and gable frame panel zone design.

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The AISC Partners in Education Committee has condensed the set of Design Examples to include 45 example problems that will be most likely to address topics that are studied in a first semester structural steel design course. This condensed set of examples reflects

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the 2016 Specification and the 15th
Edition AISC Steel Construction Manual.

Steel Construction Manual Design Examples, V15.1 - AISC Home

The 2016 American Institute of Steel
Construction's Specification for Structural
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360-16 An American National Standard
Specification for Structural Steel
Buildings July 7, 2016 Supersedes the
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I am attempting to design a base plate that is subject to a large moment in relation to the axial load applied (see attached) My moment is 12.7 kip ft and the axial load is only 2.7 kip. I am following the 'large moment' (load eccentricity is greater than bearing eccentricity) procedure in AISC's design guide #1.

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Design Guide 29, Vertical Bracing Connections--Analysis and Design, provides guidance for the design of vertical brace connections. The guide includes an overview of the design

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New Structural Stainless Steel Standard Available for Second Public Review Oct. 14, 2020 - AISC 370 will encompass the design, fabrication, and erection of austenitic and duplex structural stainless steels: sections made from annealed sheet, strip, and plate that have not been subsequently cold-formed or rolled;

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hollow structural sections; round and square bar, annealed and cold-finished; and ...

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of Steel Construction

6) Of the misleading things built into the AISC design guide, the most misleading has not yet been discussed. The ultimate capacity procedure often implies anchor bolt strains in the post-yield range. And anyone who's dabbled with appendix D knows that an embedded anchor's ability

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to develop it's plastic capacity is anything
but given in many ...

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