N : A AISC / ( ) www.aisc.org/specifications.

Weld All Around?

The current details on a project show an all-around fillet weld symbol at wide-flange-column-to-base-plate connections. A December 2006 Steel Interchange item indicated that this is not a good practice. Is the guidance provided in 2006 still applicable?

(www.modernsteel.com):

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1 www.aisc.org/dg.)
L S. M , PE

Specifying Weld Metal

I am a structural engineer. My company's standard specification requires the use of AWS A5.1 or A5.5. I have received a request from the fabricator to allow AWS A5.20. Should I permit this request?

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Filling of Weld Access and Erection Holes

Is there a requirement in the AISC *Code of Standard Practice for Steel Buildings and Bridges* (ANSI/AISC 303) or the AISC *Specification for Structural Steel Buildings* (ANSI/AISC 360) to fill weld access and erection holes in steel that is visible in public areas, even when the steel has not been designated as architecturally exposed structural steel (AESS)?

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Beam End Reactions Based on Uniform Design Loads

The AISC *Steel Construction Manual* states: "The full force envelope should be given for each simple shear connection. Because of the potential for overestimation and underestimation inherent in approximate methods, actual beam end reactions should be indicated on the design drawings. The most effective method to communicate this information is to place a numeric value at each end of each span in the framing plans. In the past, beam end reactions were sometimes specified as a percentage of the uniform load tabulated in Part 3. This practice can result in either over- or under-specification of connection reactions and should not be used. The inappropriateness of this practice is illustrated…" Does this prohibit specifying beam end reactions as a percentage of the uniform load tabulated in Part 3?

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