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Gr.C Round = 46.0 [ksi] E = 29000 [ksi] Ratio Of Expected Fy To Specified Min Fy R = 1.30 AISC 341-16 Table A3.1 CHS Width-to-thickness Ratio Limit  $\lambda$  = 0.053 E R F = 25.70 AISC SDM 3 Table 1-D 1th, 2024

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Prequalified Seismic Moment Connections - AISC Bolted Unstiffened And Stiffened Extended End-Plate (EEP) Moment Connections (Chapter 6): By Weld-ing The Beam To An End-plate And Bolting One Of Three End-plate Configurations To The Column The Connection Ensures That Inelastic Deformation Of The Connection Is Achieved By Beam Yielding When

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In Concert With Both ANSI/AISC 360-10 And ASCE/SEI 7-10, Minimum Design Loads For Buildings And Other Structures. This Will Allow These Provisions To Be Incorporated By Ref-erence Into The 2012 IBC, Which Will Use ASCE/SEI 2th, 2024

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AISC 341-05; • R >3, "Provisions Shall Apply...
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