



CFSEI
COLD-FORMED STEEL
ENGINEERS INSTITUTE

FOR IMMEDIATE RELEASE

CONTACTS: MARIBETH RIZZUTO
412.921.1060 / MSRizzuto@aol.com

SEPTEMBER 8, 2014

DEBBIE BENNETT
202.452.7179 / dbennett@steel.org

CFSEI PUBLISHES NEW TECHNICAL NOTE ON WELDED BOX-BEAM FLEXURE DESIGN

WASHINGTON, D.C. – The Cold-Formed Steel Engineers Institute (CFSEI) has published a new Technical Note titled “Welded Box-Beam Flexure Design” (Tech Note G104-14), the latest in its continuing series of instructional documents on topics related to cold-formed steel framing for commercial and residential construction.

This Technical Note illustrates the extrapolation of Section D1.1 (Built-Up Sections) of AISI S100, *North American Specification for the Design of Cold-Formed Steel Structural Members*, to a box-beam configuration. A box-beam configuration may be used at openings in a floor or wall framing assembly. Section D1.1 of the *Specification* contains design provisions for flexural members composed of two back-to-back C-sections. For built-up members to act as one unit (composite), the members must be connected together with sufficient fasteners and spacing. The Technical Note applies the design principles outlined in Section D1.1 to this specific configuration.

CFSEI Technical Note G104-14, “Welded Box-Beam Flexure Design,” is available free of charge to CFSEI members, and is available for purchase by non-members from the AISI Online Store at <https://shop.steel.org/c/48/cfsei-tech-notes>. For more information on joining CFSEI, visit www.cfsei.org.

CFSEI maintains a Steel Framing Hotline to answer inquiries from construction professionals seeking cold-formed steel solutions for their projects. Suggestions for additional Technical Note topics are welcomed. The Steel Framing Hotline is accessible at 1-800-79-STEEL.

- more -

Page Two / CFSEI Publishes New Technical Note on Welded Box-Beam Flexure Design

The Cold-Formed Steel Engineers Institute comprises hundreds of structural engineers and other design professionals who are finding a better way to produce safe and efficient designs for commercial and residential structures with cold-formed steel. CFSEI members work together to develop and evolve industry standards and design methods, produce and issue technical bulletins, and provide seminars and online training to improve the knowledge and skills base of engineers and design professionals. For more information, visit www.cfsei.org.

###