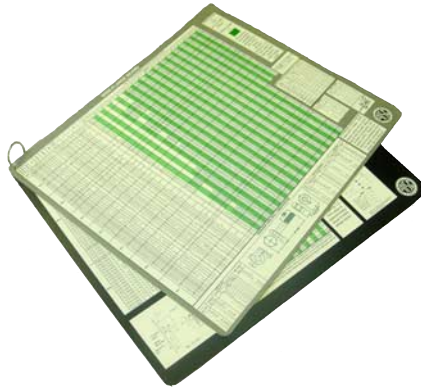


AISC Offers Quick-Reference Detailing Cards

AISC's new Detailing Cards offer detailers and draftspersons an inexpensive method for viewing dimensional properties and other useful data. The AISC Detailing Cards are a quick and handy reference for the shape, gage, and strength properties of steel sections and connectors.

"The Detailing Cards are ideal for anyone involved in the detailing or drafting of structural steel, especially if they don't need the full design resources contained in the *Manual of Steel Construction*," said Chris Hewitt, a staff engineer at AISC and Secretary of AISC's Detailing Committee.

This traditional tool for steel detailers presents the dimensional properties of steel shapes on two large cards—one for beams and one for columns. The set includes detailing dimensions and common connection-design values for both LRFD and ASD. "The card-based format provides the most commonly used information from the *Manual of Steel Construction* in a straightforward and streamlined manner," Hewitt said.



The cards cost \$30 for AISC members (\$60 for non-members). Buy-in-bulk discounts are available for AISC members who wish to purchase AISC Detailing Cards. Member pricing is as follows:

1 to 4 copies:	\$30
5 to 49 copies:	\$20
50+ copies:	\$10

The cards can be purchased by visiting www.aisc.org/detailingcards or calling 800.644.2400. ★

AISC Solicits Research Proposal on Columns Under High Axial Loads and Rotation Demands

Current codes and specifications offer little guidance on the design of braced-frame columns under high axial loads and rotation. Designers instead utilize provisions of FEMA 356 for fully restrained moment frames for columns under moderately high axial load in combination with inelastic rotation demand. However, these provisions could be unnecessarily conservative when applied to braced frames.

AISC is soliciting research proposals to simulate a fixed base column in a buckling restrained braced frame under specific conditions.

For more information on this program, and to obtain information on submitting a research proposal, please visit www.aisc.org/rfp. ★

AISC Documents Available for Public Review

Three AISC documents are currently available for public review. A new AISC standard, *Prequalified Connections for Special and Intermediate Steel Moment Frames for Seismic Applications*, provides design, detailing, quality, and inspection requirements for prequalified beam-to-column connections in special moment frames (SMFs) and intermediate moment frames (IMFs). The standard, when approved, will eliminate the need for project-specific qualification testing to substantiate connection designs for steel moment frames when connections are designed within the range of prequalification. Prequalification of connections is in accordance with Appendix P of the AISC *Seismic Provisions for Structural Steel Buildings*.

Copies of the proposed standard can be downloaded for free by visiting www.aisc.org/AISC353. Or, purchase a copy for \$12 by calling 312.670.5411 or by e-mailing cummins@aisc.org. Copies of the review form can be downloaded in Microsoft Word format by visiting

www.aisc.org/prdoc or in PDF form by visiting www.aisc.org/prpdf.

Deadline for submitting comments is June 7, 2004. Please submit your comments to hewitt@aisc.org using the review comment form, or mail to: Christopher Hewitt, AISC, 1 E. Wacker Dr., Ste. 3100, Chicago, IL 60601-2000.

The AISC 2005 *Seismic Provisions for Structural Steel Buildings* (AISC 341) and Supplement No. 2 to the AISC *Specification for the Design, Fabrication, and Erection of Steel Safety-Related Structures for Nuclear Facilities* (AISC N690) are also available for review. This is the first public review of the 2005 *Seismic Provisions*, which will revise and replace the 2002 version.

Supplement No. 2 consists of revisions to AISC N690 and it will supersede Supplement No. 1 to that specification. This is the second public review of Supplement No. 2, and it includes only revisions made since the last public review. This standard applies to the design, fabrication, and erection of

steel safety-related structures and structural elements for nuclear facilities using the allowable stress design method. The structures or structural elements subject to this Specification are those steel structures which are part of the nuclear safety-related system or which support, house, or protect nuclear safety-related systems or components, the failure of which would impair the safety-related functions of these systems or components.

Both specifications are available for free download from the AISC web site at www.aisc.org. Hard copies are available for a \$12 charge by calling 312.670.5411, or by e-mailing cummins@aisc.org. Please submit comments to Cynthia Duncan, Director of Specifications, at duncan@aisc.org, using the public review form provided on the AISC web site, or mail them to: Cynthia Duncan, AISC, 1 E. Wacker Dr., Ste. 3100, Chicago, IL 60601-2000. Comments must be received by June 21, 2004 for consideration. ★

Save the Date: Blodgett's Welding Design Seminars

Don't miss Omer Blodgett, Sc.D., P.E. and his "Welding Design Seminar," Oct. 12-14, 2004. The seminar is an intensive three-day program conducted by welding/design experts covering essential elements of steel-weldment design for manufactured products.

Omer Blodgett's knowledge of welded design, and his outstanding ability to communicate, dramatize and illustrate it, are recognized throughout the world. He has conducted design seminars internationally for more than 40 years. He is

joined by Duane K. Miller, Sc.D., P.E., First Vice Chair of the AWS D1 Structural Welding Code Committee and Chair of the Seismic Welding Subcommittee.

The program is part of Lincoln Electric's Professional Seminar Series, which also includes "Fracture and Fatigue Control in Structures," Oct. 26-28, 2004. For more information and to register, call 216.383.2240 or e-mail dorothy_steinbach@lincolnelectric.com. Discounts for multiple participants and educational scholarship available. ★

Calls for Papers

AIA 2005 National Convention

The AIA 2005 National Convention will be held in Las Vegas on May 19-21, 2005. Those willing to share their expertise and real-world experiences are invited to submit presentation proposals. To download the 2005 Call for Presentations or to submit a proposal, go to www.aiaconvention.com, enter the Attendee site, select "Continuing Education," then "2005 Call for Presentations." Proposals are due on July 1, 2004.

Fastener Symposium

Papers are invited for the Third Symposium on Structural Integrity of Fasteners, including the Effects of Environment and Stress Corrosion Cracking (SCC), sponsored by ASTM Committee E08 on Fatigue and Fracture and its Subcommittee E08.04 on Structural Applications. The symposium will be

held Nov. 10, 2004, in Washington, D.C., in conjunction with the Nov. 8-11 standards development meetings of Committee E08. The symposium will concentrate on problems in design, manufacturing and the use of fasteners. It is expected that 15 technical papers will be presented. To participate, presenters and authors must submit the online abstract form available at www.astm.org/SYMPOSIA/E08_Call-forPapers04.htm and attach a 250-300 word preliminary abstract by July 9, 2004.

Publication of the peer-reviewed symposium papers in the online journal, *Journal of ASTM International* (JAI) is anticipated. Additional information about the symposium is available from Pir M. Toor, Ph.D., (412.476.6223; toorpm@bettis.gov) and Joseph Barron, (757.688.8026; barron_bj@nns.com). ★

EJ Seeks Papers on Steel Design and Construction

AISC is always looking for *Engineering Journal* articles on interesting topics pertinent to steel design, research, steel-fabrication methods, or new products of significance to the uses of steel in construction. *Engineering Journal* is especially seeking technical articles with practical applications in the steel industry. If you have a new idea or an improvement on an old idea, please submit a paper to AISC for pub-

lication. Detailed instructions for paper submittal and a description of the review process are provided at www.aisc.org/ej.

Send your paper in duplicate to:
Engineering Journal

Attn: Cynthia J. Duncan, Editor
American Institute of Steel Construction
One E. Wacker Drive, Suite 3100
Chicago, IL 60601-2000 ★

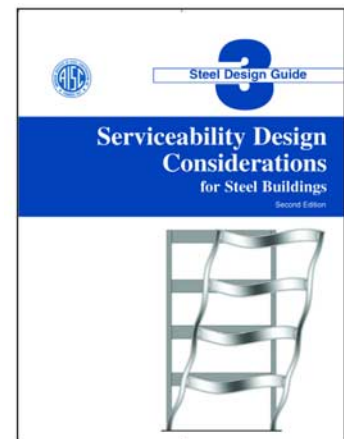
New Edition of AISC Design Guide 3 Available

The second edition of *Design Guide 3: Serviceability Design Considerations for Steel Buildings* is now available. While the first edition focused on serviceability concerns in the design of low-rise buildings, the newly updated and revised edition addresses serviceability concerns with all structures.

"The second edition of this guide considers serviceability criteria for all building applications, including high-rise structures," explains Chris Hewitt, AISC staff engineer. "The guide also includes expanded coverage of topics such as floor levelness and drift criteria, as well as updated coverage of design considerations for skylights, cladding, and special equipment like elevators and cranes. All references have been updated to their most current editions."

Authors of the new *Design Guide* are Michael West and James Fisher from Computerized Structural Design, and Larry Griffis from Walter P. Moore and Associates.

The *Design Guide* is available to AISC members and ePubs subscribers as a free download from AISC's ePubs web site, www.aisc.org/epubs. Hard copies can be purchased at www.aisc.org/bookstore (\$30 for AISC members, \$60 for non-members), or call 800.644.2400. ★



Making the CASE for Quality Construction Documents

The members of CASE, The Council of American Structural Engineers, have recognized a concern regarding the quality of structural construction documents. CASE and other national organizations have developed a document to address the issue of quality of structural construction documents. The document, CASE 962D, is entitled "A New Guideline Addressing Coordination and Completeness of Structural Construction Documents."

CASE members will make presentations across the country at breakfast meetings sponsored by fabricator associations, fabricators, engineering firms, and SEAs. Since these meetings are sponsored, there will be no charge to attendees, and AISC will give each person in attendance a free copy of the CASE document (\$30 value).

CASE Breakfast Meetings

June 2	Greensboro NC
June 3	Greenville, SC
June 9	Seattle, WA
June 10	Portland, OR
June 10	Omaha, NE
July 14	Cheyenne, WY

Structural engineers, fabricators, architects, general contractors and owners are encouraged to attend this presentation, which includes an overview and discussion of the publication, including background perspectives and procedures to improve documents.

Important aspects of design relationships, communication, coordination and completeness, guidance for dimensioning of structural drawings, effects of various project-delivery systems, and document revisions will be discussed, along with recommendations for the development and application of quality-management procedures and a drawing review checklist.

To register, or for more information, e-mail Carol Pivonka, Director of Continuing Education for AISC, at pivonka@aisc.org. ★

Steel TIPS Available Online

Steel TIPS are now published on the Structural Steel Educational Council's (SSEC) web site, at www.steeltips.org. The December 2003 Steel TIPS, "Steel in the New Millennium," is the latest TIP to be put on line. TIPS that will be available in the second quarter of 2004 include: "Design of Special Concentric Brace Frames" and "Seismic Design of Buckling Restrained Brace Frames." All of these TIPS will provide a wealth of valuable information for the practicing engineer. Viewing TIPS is free to residents of California and Nevada, with a nominal fee for residents of other states. ★

Correction

In the May 2004 issue of *Modern Steel Construction*, the "Typical Moment Connection" detail on p. 54 of the article "30 Good Rules for Connection Design" should have been correctly identified as an example of what not to do, and should have been identified with Tip 26 (not Tip 20 as stated). We regret any confusion caused by this error. ★

In Memoriam

Arthur J. "Bud" Julicher

Arthur J. "Bud" Julicher, a leader in welded fabricated structural steel and former AISC staff member, passed away on April 12, 2004. Following service in the Army Air Corp. during World War II, Bud attended Catholic University in Washington, D.C. where he received a B.S. in civil engineering.

In 1957, he joined AISC as the junior district engineer in Philadelphia. He was promoted to district engineer in Boston in 1958. Bud left AISC in 1960 and several years later founded a consulting engineering firm, specializing in steel inspection. He maintained his business until retirement in 2000.

Bud was known for his practical approach to welding problems, and his



practice took him all over the world. He had been a member of the American Welding Society (AWS) since 1955, and served as chair of the AWS D1.1 Subcommittee on Inspection from 1970-75. He also had been a member of the AWS D1 Structural Welding Committee since 1966, and a member of the International Institute of Welding.

"Bud was not the usual welding inspector who finds problems after the work is done—Bud worked side-by-side with operators to see that the work was done right in the first place, saving time and money," said long-time friend and colleague Bob Disque. "The construction industry needs more Bud Julichers." ★

Pierre Koenig, FAIA

Pierre Koenig, FAIA, an architect, educator, and promoter of steel in residential design, passed away April 4, 2004.

Koenig was born in San Francisco in 1925. After returning from army service in Europe during World War II, he attended USC School of Architecture. Koenig was invited to join the Case Study program, and he created Case Study Houses #21 (1959) and #22 (1960), for which he is most recognized. After graduating from USC in 1952, Koenig established a private practice and built some 50 steel-and-glass buildings.

He taught at USC's School of Architecture for 40 years, and was co-director of the Bachelor of Building Science Program. A retrospective exhibition of Koenig's work will be on display at USC this fall. ★