

Designing Loadbearing Mid-rise Structures Using Cold-Formed Steel Framing

Cold-formed steel framing has been in the loadbearing market for several years, but the popularity and economies of this system are just now being exploited. New design tools, connectors, and accessories, as well as new developments in the construction market have made designing and building with steel easier and more cost effective: for engineers, architects, owners and builders. Learn some of the new resources now available to designers, such as the recently released American Iron and Steel Institute (AISI) standards for cold-formed steel framing and software tools now available. Also learn about some of the construction details, connectors, fasteners, and code developments that are used in mid-rise and other types of steel framing construction.

Part of this session will also cover cladding attachment for both

loadbearing and curtain wall applications, especially brick and masonry. Handouts will include a listing of web and print resources, as well as industry associations that can help the designer and builder.

Speaker: Don Allen, P.E.

Don Allen, P.E., currently serves three active roles for the steel industry: Technical Director of the Steel Stud Manufacturers Association, Director of Engineering for the Steel Framing Alliance, and Secretary for the LGSEA, which is now a council of the Steel Framing Alliance. Mr. Allen has worked for a product manufacturer, a specialty engineer, and full-service structural engineering firm before his current affiliation with the steel industry. Mr. Allen has a special interest in the structural role of materials in sustainable construction, and is a LEED® Accredited Professional, certified by the U. S. Green Building Council.

Agenda January 24, 2006 *The Arbor Room at the Mobile Marriott*

10:45-11:00

Check In

11:00-12:00

Lunch

12:00-2:00

Don Allen

*Designing Loadbearing
Mid-rise Structures Using Cold
Formed Steel Framing*

2:00-2:15

Break

2:15-4:00

Don Allen

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Formed Steel Framing*

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