Design No. G241
October 24, 2007

(One Hour)

Restrained Assembly Ratings — 1 and 1-1/2 Hr.

Unrestrained Assembly Ratings — 1 and 1-1/2 Hr.

Floor design and unrestrained ratings have been designed in accordance with the Load and Resistance Factor Design Method (LRFD) of the AISC Manual of Steel Construction. Beam design and restrained ratings have been designed in accordance with the Allowable Stress Design Method (ASD) of the AISC Manual of Steel Construction.

Floor design and unrestrained ratings have been designed in accordance with the Limit States Design Method (LSD) of the CSA Standard S16-01. Beam design and restrained ratings have been designed in accordance with the Working Stress Design Method (WSD) of the CSA Standard S16-01.

Where two fire ratings are indicated, the first is based on tests conducted in accordance with ASTM E119 and the second is based on tests conducted in accordance with CAN/ULC-S101.

Where two design methods are indicated, the first is based on the Load and Resistance Factor Design Method (LRFD) of the AISC Manual of Steel Construction and the Limit States Design Method (LSD) of the CSA Standard S16-01. The second is based on the Allowable Stress Design Method (ASD) of the AISC Manual of Steel Construction and the Working Stress Design Method (WSD) of the CSA Standard S16-01.

Where two restrained ratings are indicated, the first is based on tests conducted in accordance with ASTM E119 and the second is based on tests conducted in accordance with CAN/ULC-S101.

Where two unrestrained ratings are indicated, the first is based on tests conducted in accordance with ASTM E119 and the second is based on tests conducted in accordance with CAN/ULC-S101.

Where two fire ratings are indicated, the first is based on tests conducted in accordance with ASTM E119 and the second is based on tests conducted in accordance with CAN/ULC-S101