



Fabricator: North Texas Steel Company, Inc.

Completion Date: 2002

Building Use: Convention Center and Meeting Rooms

Building Size: 3,000 tons

Building Type: Structural steel frame with structural steel vertical and horizontal bracing.

Project Description: Structural Solutions, Inc. served as the design engineers for the steel connections for all vertical bracing, axial beams, trusses, simple beam framing, and miscellaneous specified connection of the Phase 1 Expansion. The Phase 1 Expansion consisted of the addition of 57,600 square feet of exhibit hall expansion, 18,700 square feet of meeting rooms, and a 30,000 square foot ballroom

In addition to the conventional truss and beam framing, this project contained several areas of unconventional framing. These can be seen in the architectural showcase features such as the Star Tower. Structural Solutions, Inc. met the challenge by creating innovative connection types that carried the specified design loads while accommodating the architectural constraints.