

NATIONAL WINNER

**\$25 million and greater,
but less than \$100 million**



Stonebriar Centre

Frisco, TX



JURORS' COMMENTS

Detailing is simple, well done. A knockout.

Situated near Dallas, TX, the Stonebriar Centre offers a dynamic public environment while remaining a traditional linear-concourse shopping complex. Using structural steel to define and highlight the major spaces, the mayor of Frisco, TX, likened the complex to a trip to the airport or opera. Defining the central circulation path, a 1,550'-long sloping and curling steel roof structure spans the entire spine of the complex. Constructed of tension-supported steel rod "king post" trusses resting on angled clerestory tube trusses, the roof structure undulates along the spine. Secondary spaces are defined by unique roof forms supported by a variety of truss systems, such as tension ring and bicycle wheel

trusses. An innovative winged single-truss pedestrian bridge and fan truss mark the main entrance.

Architectural elements complement the steel structures. A contemporary architectural vocabulary reflects this area's reputation for cutting-edge technology and communication industries. Traditional Texas themes blend with the architectural elements; Texas limestone pillars, motifs and steel sculptural art complement the structural system. A glass elevator, wrapped by a steel stair, extends through the overhead trusses.

The combination of the interweaving skylight system and steel span evokes an exciting and spacious promenade, reflecting seasonal and hourly variances of light.

JURORS' COMMENTS

Steel construction is used inventively to create a sense of place, rhythm and articulation in a building type not known for exemplary architecture. Here is the best example that a mall can be a beautiful building. The whole structure is incredibly airy and light.



STRUCTURAL ENGINEER

L.A. Fuess, Dallas, TX

ARCHITECT

ELS Architecture and Urban Design, Berkeley, CA

STEEL FABRICATOR

Bratton Steel, Inc., Dallas, TX (AISC member)
Alamo Steel Company, Waco, TX (AISC member)

STEEL ERECTOR

Baten Steel Erectors (SEEA member), Dallas, TX

STEEL DETAILER

Phase II: Steelweb (NISD member), Coral Springs, FL
Phase II: Alamo Steel Co. (AISC member), Waco, TX
Main Exposed Trusses: Draftco, Inc. (NISD member), Garland, TX

GENERAL CONTRACTOR

VCC Vratsinas Construction Company, Little Rock, AR

DESIGN SOFTWARE

RAM Structural System, RISA 3D, in-house software

DETAILING SOFTWARE

SDS-2, SSDCP