

**NATIONAL WINNER**

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



# Stonebriar Centre

Frisco, TX



## **JURORS' COMMENTS**

Detailing is simple, well done. A knockout.

**S**ituated 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