



Mountain View High School, Orem, Utah

Presenting . . .

## The Winners: 1981 Architectural Awards of Excellence Competition

### Mountain View High School

The multi-level concourse fosters a sense of community in the Mountain View High School, Orem, Utah. The school's wide curriculum requires a broad range of classroom types, from auto mechanics labs to ceramics and painting studios. Yet, the concourse links the school's diverse functions into a comprehensive whole. A white interior takes full advantage of the abundant natural lighting entering the concourse through the skylights, which double as passive solar collectors. "The lighting is one of the nicest parts of the building," said the awards jury.

A structural steel frame was chosen because of cost and time considerations. The exterior is smooth enameled steel panels.

*"The relationship of the interior to the exterior is very nice. A highly sophisticated building—very high quality of detailing, particularly for a school building."*  
—Jurors' Comments

#### Architect

Fowler, Ferguson, Kingston, Ruben Architects  
Salt Lake City, Utah

#### Structural Engineer

KKBNA, Inc.  
Salt Lake City, Utah

#### General Contractor

Paulsen Construction Co.  
Salt Lake City, Utah

#### Owner

Alpine School District  
American Fork, Utah

### Herman Miller Seating Plant

The Herman Miller Seating Plant in Holland, Michigan was designed with people in mind. The result is "an amazing structure for an industrial plant," according to jury comments. A skylighted "people place" provides a common entry for executives and factory workers, and a break/social place. It will also be available for community activities.

Domed skylights above columns and curved strip skylights at the top of exterior walls provide extensive daylighting. A continuous strip of angled eye-level windows provides views of the surrounding countryside.

The facility, first increment of a three-unit factory, is a single-level space designed on a 40-ft grid. The structural system is a steel two-way open web joist system. Pre-assembled wall system panels have a high gloss white interior for optimum light reflection, and a stainless steel exterior that the jury called classy.

*"This is a beautifully detailed industrial project. When you look at it, you feel you wouldn't mind working here."*  
—Jurors' Comments

**Architect/Structural Engineer**

Caudill Rowlett Scott, Inc.  
Houston, Texas

**General Contractor**

Owens-Ames-Kimball Co.  
Grand Rapids, Michigan

**Steel Fabricator**

Haven-Busch Company  
Grandville, Michigan

**Owner**

Herman Miller, Inc.  
Zeeland, Michigan

## Briggs & Stratton Corp.

**B**riggs & Stratton Corporation needed a new 744,000-sq ft distribution center and manufacturing facility that would present a thoroughly contemporary image to the Menomonee Falls, Wisconsin community.

A structural bay 30 ft by 50 ft was used throughout to provide for the high ceiling, special loading requirements and flexibility in office and machine arrangements required by Briggs & Stratton. A concrete floor slab steps down six ft between the warehouse and manufacturing areas to minimize earth work and to create a unified, level roof line. Offices and the cafeteria are in a separate structure connected to the main building by three enclosed passageways. Totally shop-fabricated, prefinished steel curtain wall panels with insulation and finished interior surfaces made for rapid construction.

*"The articulation of the wall is beautiful. It shows that quality detailing pays off. This industrial building will be a good neighbor by aesthetically adding to the community."*  
—Jurors' Comments

**Architect**

J.D. Ferris & Associates  
Chicago, Illinois

**Structural Engineer**

Gillum-Colaco  
Chicago, Illinois

**General Contractor**

Hunzinger Construction Co.  
Milwaukee, Wisconsin

**Steel Fabricator**

Mid States Steel Co., Inc.  
Stoughton, Wisconsin

**Owner**

Briggs & Stratton Corporation  
Milwaukee, Wisconsin



*Herman Miller Seating Plant, Holland, Michigan*

*Briggs & Stratton Corporation, Menomonee Falls, Wisconsin*



## Reunion Arena

The Reunion Arena in Dallas, Texas uses apparent simplicity to fulfill the many demands placed upon it. It's a multi-purpose coliseum built to accommodate basketball, ice hockey, tennis, boxing, rodeo, concerts, the circus and other special events.

An oval seating bowl is placed diagonally beneath the square flat space frame roof, which is supported by columns outside the amphitheater. The roof has a clear span of 412 ft each way and cantilevers 70 ft at all four corners. Outside, the roof structure, revealed dramatically through a glass fascia, appears to rest lightly on slender columns.

The corners of the square serve as entries and exits to the concourse, which loops below the upper tiers and serves all public areas.

*"A fantastic plan, it's a tough building to have been kept as simple as it is."*

*—Jurors' Comments*

### Architect

Harwood K. Smith & Partners, Inc.  
Dallas, Texas

### Structural Engineer

HKS Structural  
Dallas, Texas

### General Contractor

Henry C. Beck Co.  
Dallas, Texas

### Steel Fabricator

Mosher Steel Company  
Dallas, Texas

### Owner

City of Dallas  
Dallas, Texas



*Steel and Glass House, Chicago, Illinois*

*Reunion Arena, Dallas, Texas*



## Steel and Glass House

This sophisticated 5,000-sq ft house "really belongs in Chicago," said the jury. They praised its elegance and the privacy it affords—a steel grating serves as an entry screen and ribbed steel siding blocks the view from neighboring buildings. The U-shaped house encloses a central garden court and is organized into three pavilions: A two-story living space; private sleeping quarters; and a service area with guest accommodations and a communal sun terrace.

The all-steel structural frame is entirely shop-fabricated. Steel beams support bar joists that carry the second floor and roof loads.

Angle frames carry the prefinished steel window system, inset with insulating glass units of varying opacities.

*"Superbly detailed. One of the nicest things about it is that you're completely unaware it is there on the street. It fits just right in the neighborhood."*

—Jurors' Comments

### Architect

Krueck & Olsen Architects  
Chicago, Illinois

### Structural Engineer

Gullaksen & Getty  
Chicago, Illinois

## Harborplace

Harborplace in Baltimore, Maryland is part of a downtown renewal area, intended as a year-round specialized waterfront marketplace with over 100 small specialty shops and restaurants.

Two low pavilions frame the harbor's edge without obstructing views of the water or the historic schooner anchored there. Cast-in-place columns inset from the transparent outer walls support the gabled steel-frame roofs. Projecting porticos mark entries to passageways, promenades and balconies to encourage circulation. Glass lean-tos extend into the walkways and open up with garage doors for increased flexibility.

*"There is a very tight level of quality as opposed to the shopping center quality you normally find in America. Its impact on people is tremendous, it attracts them and they are comfortable—a real people place."*

—Jurors' Comments

### Architect

Benjamin Thompson & Associates  
Cambridge, Massachusetts

### Structural Engineer

Gillum-Colaco  
Boston, Massachusetts

### General Contractor

Whiting Turner Contracting Co.  
Baltimore, Maryland

### Steel Fabricator

Jarvis Steel & Lumber Co., Inc.  
Baltimore, Maryland

### Owner

Harborplace Ltd. Partnership  
Columbia, Maryland

Harborplace, Baltimore, Maryland

