

**NATIONAL WINNER**

**Less than \$10 million**



## **JURORS' COMMENTS**

Light, sophisticated, elegant; minimal use of material to achieve a dramatic, light-filled space, only possible with steel. Elegant, refined fusion of steel and glass. A very dramatic use of steel and glass...



# Imperial Bank Tower Renovation

Costa Mesa, CA

**B**uilt in the early 1970s, the Imperial Bank Tower in Costa Mesa, CA, required updating to match the quality of adjacent properties within the owner's office campus. The focus of the renovation is a glass vault that replaces the original connecting link between the Tower and the adjacent office building. The spacious glass-clad lobby is the crossroads of paths between the adjacent structures and serves as an informal gathering space.

The use of an extremely light steel-and-cable support system, in conjunction with a highly engineered structural steel frame, maximizes the glazing while allowing the entire structure to be exposed. Seismic movements between the two buildings are handled by the cumulative movement accommodated at each silicone glass joint and by the inherent flexural properties of steel.



## **STRUCTURAL ENGINEER**

ASI Advanced Structures, Inc.,  
Marina Del Rey, CA

## **ARCHITECT**

Murphy/Jahn, Chicago, IL

## **STEEL FABRICATOR**

Plas-Tal Mfg. Co., Inc. (AISC member),  
Santa Fe Springs, CA

## **STEEL ERECTOR**

Plas-Tal Mfg. Co., Inc. (AISC member),  
Santa Fe Springs, CA

## **STEEL DETAILER**

Plas-Tal Mfg. Co., Inc. (AISC member),  
Santa Fe Springs, CA  
Baresel Corporation (AISC & NISD  
members), Anaheim, CA

## **GENERAL CONTRACTOR**

Matt Construction,  
Santa Fe Springs, CA

## **DESIGN SOFTWARE**

SPACE GASS

## **DETAILING SOFTWARE**

AutoCAD