

Lobby Relocation

Chicago Board of Trade

CHICAGO, ILLINOIS



Service Area / Project Type

Structural Rehabilitation

Location

141 West Jackson Boulevard
Chicago, Illinois

Owner / Client

GlenStar Asset Management, LLC
141 West Jackson Boulevard
Suite 950
Chicago, Illinois 60604

Architect

Fujikawa Johnson Gobel Architects
Mr. Tomoo Fujikawa
P: 312.565.2727

Reference

Mr. Michael Giese
P: 312.435.7180

Klein and Hoffman Key Personnel

Terry McDonald, Senior Associate II
Kathleen Strnad, Associate V

Building Description

The Chicago Board of Trade consists of two buildings: the original 1930 Holabird & Root building (North Building) and the 1982 South Annex (South Building). Klein and Hoffman, Inc. (K&H) has been providing engineering services to the Board of Trade since the 1980s. The lobby renovation project was implemented to open the 1st floor of the historic north building for visitors and occupants by relocating the reception desk and security access to the 2nd floor.

Professional Services

The structural design included installation of new escalators requiring reinforcing of the existing structural framing, alterations to elevator openings, structural assessment of the existing clay tile arch construction, and other miscellaneous structural modifications. K&H provided a full scope of structural engineering services related to the development of construction documents and execution of construction services. Particular attention was given to deflection criteria related to the escalator and elevator modifications. Reinforcing of the existing structure was required to accommodate the new loads. During construction areas of previous structural damage to the existing clay tile arch floor system was uncovered and addressed as part of the renovation.