

Equinox Health Club Center

The Structural Engineers Association of Illinois
2006 Best Structure Award Winner



***Equinox Health Club - 900 North Michigan Ave.
Chicago, Illinois***

The challenge was to convert a lower level theater space and parking garage into a 30,000 square foot exclusive health club at the base of a 66 story building as economically as possible. The existing concrete and steel floor structure for the Lower Level 2 theater floors sloped to accommodate theater seating with the parking garage below following the same profile. Both floor levels braced the basement walls holding back 7500 tons of soil below one of the city's premier streets, Michigan Avenue. This ruled out the wholesale demolition of floors prior to new construction.

Architect: Nadel Architects, Inc.



The final structure proposed by TSG not only solved many technical problems but also saved the owner hundreds of thousands of dollars in shoring costs through its simplicity and efficiency.

