

PROJECT PROFILE

One North State

Amenity Floor Renovation Project | Chicago, IL







CLIENT

Shorenstein

BACKGROUND

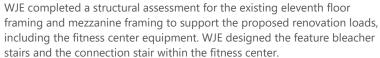
The building at One North State was constructed in three phases between 1900 and 1905. The three portions of the building were originally known as the Central Trading Company building, the Central Trading Company Addition, and the Mandel Brothers Department Store. The structural framing of all three phases consists of structural steel beams supporting flat clay tile arch floors.

Shorenstein removed the eleventh floor and mezzanine to add an amenity space to the building. The amenity space included a fitness center with a variety of equipment, a featured bleacher stair, a limited-use/limited-access lift, a connecting stair, and significant upgrades to the mechanical system at this floor level.



SOLUTION

For the renovation project, WJE worked with the architect of record to coordinate the structural work for the renovations and to work within the constraints of the existing structural framing.



To accommodate additional head clearance at a portion of the eleventh floor, the existing clay tile arch floor system at the mezzanine was removed and replaced with a traditional lightweight concrete-topped metal deck system. At the eleventh floor, due to limited areas of distress, the existing wood floor and cinder fill was removed and replaced with a lightweight concrete topping system over the existing clay tile arch floor.

