



URBAN HIGH-RISE HOTEL

MIXED-USE DEVELOPMENT IN THE HEART OF DOWNTOWN CHICAGO

CLIENT Chicago Architecture Center | **LOCATION** Chicago, Illinois (Loop) | **SIZE** 200 guestrooms

PROJECT SCOPE

The concept of this project is derived from the combined functions of a high-end hotel and a public building on a small lot footprint in downtown Chicago. Driven by the existing site limitations, the two features stack on top of each other, with public gathering spaces located at the intersection of the two masses. A larger footprint for the upper floors and ample exterior spaces is achievable by utilizing adjacent air rights. The concept provides nine floors of public/museum space and twenty-three floors (200 keys) of luxury hotel space.

Both a boardroom and nightclub venue takes advantage of the top-level and the sweeping skyline views of downtown Chicago and Millennium Park. The exterior skin of the hotel utilizes a double-wall plenum system that serves as a thermal break between the exterior and interior spaces and an exhaust air chimney. Within the plenum space, adjustable photovoltaic panels are provided with the flexibility to be adjusted vertically based on time of year or hotel occupancy. These two sustainable systems help contribute to the overall energy efficiency of the building and provide a visually compelling expression that evolves.