

Chicago, Illinois

River East Center

322 E. Illinois St.
Chicago, IL 60611



One of the largest projects Adjustable Forms has completed, the River East Center also marked the transition from providing strictly formwork, to full-service concrete shell contractor. The building was quite an accomplishment for Adjustable Forms, and a success that has brought continued high-profile projects since its completion. River East consists of three parts. The main tower, 58-story condominiums, rise to a 644 feet. A second tower, home to the Embassy Suites Lakefront Hotel, rises 284 feet. Lastly, the shared parking garage adjoins the two towers.

Client

The Enterprise Companies

General Contractor

Amec Construction Company

Architect

Solomon, Cordwell, Buenz and Associates

Structural Engineer

Chris P. Stefano + Partners, Ltd.

Area

Residential Tower—924,000 square feet
Parking Garage—369,000 square feet
Hotel Tower—502,000 square feet

Concrete Volume

33,652 cubic yards

Completion

2001

The main tower features a flat-plate design with perimeter upturned beams. The construction of the lower levels at River East was innovative in its use of top-down construction. When inadequate total service load capacity was found in the slabs, Adjustable redesigned the third level slab to eliminate re-shoring requirements and fully support upper levels, allowing the top-down construction to continue. The fourth floor offered a challenge of its own, forming and placing the 10 feet deep transfer girders with 30 feet floor heights, as well as over 4,000 cubic yards of concrete.



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