

Chicago, IL

The Ritz Carlton Residences—Foundation

118 E. Erie



Client
Prism Company

General Contractor
EVANS Construction

Architect
Lucien LaGrange

Structural Engineer
Chris Stefanos & Associates

Area
300,000 square feet

Completion
2010



Located on Chicago's Michigan Ave., Adjustable Forms is providing its services to construct the foundation system up to grade level for the Ritz Carlton Residences. The scope of the work includes slab on grade at two below grade elevations, an elevated deck at grade level, perimeter foundation walls, columns, and core up to grade. Built on the historic Farwell Building site, the new 40 story tower will incorporate the existing structure's façade.

The foundation construction consists of a perimeter foundation wall, built within a strut and sheet pile earth retaining system. Careful coordination was required to accommodate horizontal walers and struts penetrating between vertical concrete elements. To maintain the integrity of the retaining structure,

but allow the walls to act as designed, portions will be left behind until the full diaphragm of the grade level slab is complete. Upon casting the grade level slab and removal of the retaining system, we will then be able to place the balance of walls.

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