

CJ WILLARD STREET APARTMENTS

QUINCY, MASSACHUSETTS



Rendering by Russell, Scott, Steedle & Capone

- OWNER

Corcoran Jennison Companies

- ARCHITECT

Russell, Scott, Steedle & Capone Architects

- CONSTRUCTION COST

\$17,420,000

- GENERAL CONTRACTOR

Plumbhouse, Inc.



A complete redesign of the framing system for this six-story residential building. The originally proposed design consisted of concrete masonry unit bearing/shear walls and precast, prestressed concrete plank framing. Pricing reviews by the General Contractor indicated that a post-tensioned slab concrete system and concrete columns, frames, and shearwalls may be more cost effective. DM Berg completed the redesign and detailing and created a more cost-effective superstructure.

The apartment buildings, totaling 130 units, are connected at the ground floor and first floor level. The remainder is an open air parking facility. The use of a reinforced and post-tensioned concrete eliminated the costly transfer level required by the original "block and plank" system.

DMBC
STRUCTURAL ENGINEERS
DM BERG CONSULTANTS, P.C.
SERVING THE INDUSTRY SINCE 1963

CONSULTING ENGINEERS
570 Hillside Avenue
Needham, MA
02494-1297
p 781 444-5156
f 781 444-5157
www.dmberg.com