

1101 New York Avenue

Location: Washington, D.C.

Submitted by: Suncoast Post Tension Ltd.

Owner: Louis Dreyfus Property Group

Engineer(s): Tadjer-Cohen-Edelson Associates, Inc.

Contractor: Centex Construction Company, Inc.

P/T Supplier: Suncoast Post Tension Ltd.

Other Contributors: Miller & Long Concrete Construction Company



Overview:

Located in downtown Washington, D.C., 1101 New York Avenue is a 12-story, 393,000-square-foot structure that boasts a unique feature: There are no perimeter columns on three of its sides. Instead, the building was designed with 12-inch-deep, 6,000-psi post-tensioned concrete slabs with 12-inch-deep drops. By eliminating the columns, the building’s designers were able to create a 20-foot cantilevered perimeter floor without any deflection or vibration problems. This, in turn, enabled the exterior walls to have a sleek glass façade.

Jury Comment: *“Column free exterior allows exceptional views to the outside. Optimizes the quality of rental spaces. The design may set a standard for building construction on the east coast.”*