

The Plaza of the Palm Beaches

Residential Condominium | 2024



CLIENT
SRI Consultants, Inc.

LOCATION
525 S Flagler Dr., West
Palm Beach, FL 33401,
United States

INDUSTRY
Real Estate and Insurance

SERVICE
Structural Dynamic
Analysis

IMPACT
Compared response across the two residential towers and identified parking-area columns that needed engineering attention.

CHALLENGE
The towers' differing modal and damping behavior, plus localized column response, needed structural characterization.

STRAAM APPROACH
STRAAM measured the two towers' dynamic response and completed a later supplemental analysis of columns in three basement and parking areas.

RESULT
The comparison documented differences in how the towers responded. Additional review highlighted basement and parking-area columns for engineering attention.