

1566 Second Avenue / 303 East 81st Street

Residential Building Complex | 2017



CLIENT

CM & Associates
Construction
Management, LLC

LOCATION

1566 Second Avenue and
303 East 81st Street, New
York, NY 10028, United
States

INDUSTRY

Real Estate and Insurance
/ Construction and
Engineering

SERVICE

Structural Dynamic
Analysis

IMPACT

Established separate pre-construction references for both buildings and kept their findings distinct.

CHALLENGE

Neighboring construction required response information for 1566 Second Avenue and 303 East 81st Street without combining their individual findings.

STRAAM APPROACH

STRAAM measured each building on Oct 4, 2017, using five triaxial accelerometers at 200 samples per second and prepared separate dynamic signatures.

RESULT

Each building's response was documented separately, giving the project team a point of comparison before adjacent construction.