

The Beethoven Piano Factory

Industrial Warehouse | 2021

**CLIENT**

RXR Development Services

LOCATION

2403 Third Ave., Bronx, NY
10451, United States

INDUSTRY

Real Estate and Insurance
/ Construction and
Engineering

SERVICE

Structural Dynamic
Analysis; Continuous
Monitoring

IMPACT

Established a reference and identified signs of reduced stiffness for continued attention during nearby construction.

CHALLENGE

The Piano Building's response and stiffness needed evaluation while construction proceeded next door.

STRAAM APPROACH

STRAAM established a baseline and installed monitoring during adjacent construction to track vibration and dynamic response.

RESULT

The findings suggested the building was less rigid than expected and identified response features for continued observation.