



SERVICES

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- > NYC FISP Compliance
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- > Roofing Assessment
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- > NYC DOB / ECB Violation Resolution
- > Parking Structure Evaluation
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- > Building Structure & Envelope Repair Design

Service Overview

Nova Group, GBC believes in sustainability, and with that comes our collective responsibility to maintain existing building assets in a safe and code-compliant manner. The New York Metropolitan area provides a unique opportunity for Nova to excel in this passion, having one of the nation's oldest and most fascinating arrays of buildings. With key personnel and the collective experience of the entire Nova team, we are able to quickly and efficiently perform engineering assessments on virtually all structural and enclosure building components. Owners, managers, and other interested parties can rely on Nova's expertise to answer tough questions concerning their assets' history, condition, and compliance with local laws.

Experience

Local knowledge is a must! Nova's team of engineers, architects, and construction specialists have been in, on, under, and around the buildings that make up New York City for decades. As a result, there is hardly an issue that has not crossed our desks. This knowledge of all building practices, from initial planning, investigation, design, and construction through repair, is vital for any engineering consultant to have. Nova's wide-ranging collective experience on each project ensures no stone is left unturned.



James Napoli, PE
Account Manager | NY Engineering Director

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Mr. Napoli is an expert in the assessment of existing structures. Throughout his past success in the design of alterations to a wide range of building types, he has been able to diagnose the cause and origin of an array of structural damage and deterioration. He has developed work scopes, repair details, and technical specifications to resolve distress to various façade types, concrete, steel and masonry structures, roofing systems, and below-grade waterproofing. He is a detailed and efficient cause and origin analyst of structural damage and construction defects. James has been certified by the NYC Department of Buildings as a Qualified Parking Structure Inspector (QPSI) and a Qualified Exterior Wall Inspector (QEWI).



CASE STUDY

Manhattan, New York

Summary

Nova's NY Engineering Services Group was retained to provide an overview analysis of a building portfolio within Manhattan consisting of a wide range of building types, sizes, and uses. Nova performed efficient research on the assets and provided a detailed building catalog outlining which specific local law requirements were required for each asset, their current status, and recommendations for future assessment and reporting. From there, Nova has provided the assessments necessary to keep the buildings in compliance and maintained.

Highlights

Preliminary research revealed that a number of assets were past due or nearing deadlines for compliance with NYC Façade Inspection Safety Program (FISP) requirements. Nova was able to prioritize assessments and report filing, mitigating impending fees and penalties which would have been imposed had those assessments been forgone or postponed.

Recommended repairs to the exterior walls and appurtenances were then incorporated into a revised building catalog, allowing the client to prioritize repairs throughout the entirety of their portfolio.

By engaging with Nova, the client was able to comprehend the totality of assessments and repairs required by their assets and develop a strategic approach to completing necessary repairs.