

<u>EDUCATION</u>	QUEENS COLLEGE Bachelor of Arts in Economics	New York, NY June 2009
	NEW YORK CITY TECHNICAL COLLEGE Associate in Applied Science (Civil Engineering Technology)	New York, NY June 1998

CERTIFICATIONS AutoDesk Certifications in AutoCad and Revit

EXPERIENCE **GILSANZ MURRAY STEFICEK** 1997 to Present
ASSOCIATE - DRAFTING MANAGER

Townhouse – 77 Jane Street New York, NY

GMS is providing structural engineering services for the renovation of two adjacent historic townhouses in Greenwich Village to create one 4-story residence with an occupiable roof and full cellar. Our work includes the feasibility study and the structural design to lower and extend the cellar to create a lap pool with a skylight and planted roof, which will serve as a rear garden. GMS also provided the support of excavation design which extended below the water table. The combined residence also includes a new elevator, new mechanical systems, with a generator and solar-heated hot water. Windows in the rear walls will be enlarged and reinforcing will be provided to resist lateral loads.

New World Symphony – Miami, FL

The state-of-the-art New World Center opened to critical acclaim January 25, 2011. The home of the New World Symphony, this innovative facility features an acoustic music space of 756 seats which can be adjusted to suit a full orchestra or solo performers. The theater is equipped as an Internet2 classroom and transmission capability with large acoustic “sails” which double as projection screens. Performances can be projected onto a 7000 square foot screen-wall outside, facing the adjacent park. Other program elements include public lobby spaces, practice and teaching classrooms, backstage support and additional administrative offices. The structure is steel braced frames tied by the roof diaphragm and is built to resist hurricanes of south Florida.

NYCHA, Carey Gardens – Brooklyn, NY

GMS has teamed with Nelligan White Architects for the New York City Housing Authority Repair and Resiliency Projects at three NYCHA complexes to repair the existing damage from Hurricane Sandy and provide resiliency upgrades to mitigate against future natural disasters. The project will include façade repairs, interior renovations, storm water management and flood control, and MEP equipment repairs and upgrades. At Carey Gardens, a Community Services Center (CSC) will be constructed to house a new central heating plant and a community center, which will double as a command center during adverse events. The project is estimated to be completed in Q3 2020.

NYCHA, Baruch and Lavanburg Houses – New York, NY

GMS has teamed with Nelligan White Architects for the New York City Housing Authority Repair and Resiliency Projects at three NYCHA complexes to repair the existing damage from Hurricane Sandy and provide resiliency upgrades to mitigate against future natural

disasters. The project will include façade repairs, interior renovations, steel repairs, storm water management and flood control, retaining wall repairs, and MEP equipment repairs and upgrades. At Baruch, a new central heating plant (CHP) will be housed in a single story structure of approximately 5,600 sf adjacent to Building 7 and will feed Lavanburg too. GMS is providing additional structural services for an alternate CHP design that will use Con Ed steam in lieu of boilers. The project is estimated to be completed in Q3 2021.

Avalon on the Sound – New Rochelle, NY

24-story, 430,000sf apartment building with 70,000sf parking garage. Includes landscaped roof deck and ground floor retail.

World Wide plaza – New York, NY

The project consists of the architectural fit-out and infrastructure upgrade for the phased build-out of approximately 900,000 square feet. The project includes the construction of new general office space, trading floors, conference rooms, and amenity spaces such as a fitness center, kitchens and cafeterias. The infrastructure upgrade provided new dedicated MEP equipment for mission critical systems including new cooling tower, chillers, chiller plant, emergency generators and battery rooms. The project was certified LEED-CI Platinum in 2013.

695 Sixth Avenue – New York, NY

Structural engineering services for investigation, assessment and redevelopment of this five story, 200,890 sf building that occupies nearly the entire west side of Sixth Avenue between 22nd and 23rd Streets. Built in distinct phases from 1889 to 1911, the building's original use was a department store that was later transitioned into a textile manufacturer. The redevelopment project consists of a new roof plus a three story vertical expansion of approximately 48,000 zsf. The structural design for the vertical expansion is supported by a minimal number of new steel 'mega-columns' plus two new tied elevator/stair cores all supported on new foundations and rock. The new structure, 6th floor and above, is designed to be structurally independent of the original structure, yet designed to provide lateral support for the existing structure to improve resiliency.