

<u>EDUCATION</u>	RENSELAER POLYTECHNIC INSTITUTE Bachelor of Science in Civil Engineering	Troy, New York May 1987
	ERIE COMMUNITY COLLEGE NORTH Associate of Science in Engineering Science	Williamsville, NY May 1985
	STATE UNIVERSITY COLLEGE OF NY AT BUFFALO Bachelor of Arts in Art	Buffalo, NY May 1980

LICENSES Registered Professional Engineer in New York and New Jersey

PROFESSIONAL ASSOCIATIONS Member, American Institute of Architects
Member, American Society of Civil Engineers
Member, Association for Preservation Technology
Member, Structural Engineers Association of New York (SEAoNY) SEER Committee
Member, International Concrete Repair Institute
Member, American Institute of Steel Construction
Member, New York City Department of Buildings 2018 Code Revision Structural Technical Committee

EXPERIENCE **GILSANZ MURRAY STEFICEK** February 2008 to Present
ASSOCIATE PARTNER

281 Park Avenue South - New York, New York

GMS provided structural engineering to redevelop this historic building, formerly known as the Church Mission House. An extensive probe program was coordinated with the Client's Contractor to investigate the existing conditions and the framing connections in order to convert the office floors to retail/gallery use. The six-story, 45,000 sf building was originally built approximately 1900 and is landmarked. GMS also serves as the structural engineer for tenant fit-out for the Swedish organization, Fotografiska International, which will open a photography museum with a café and restaurant.

302 East 96th Street – New York, NY

GMS provided structural engineering services for the new 21-story, 70,000 square foot cast-in-place concrete residential development. Deep foundations were required because the geotechnical report indicates that the site is located in a former riverbed or swamp. The recently completed Second Avenue subway station is nearby so the project required coordination with the MTA.

Hunter College – New York, NY

GMS has provided structural engineering services for several small renovation projects including the Student Union and Baker Theater. We have also provided feasibility studies regarding high density file supports and revisions to the roof guardrails.

190 Bowery – New York, NY

GMS provided structural engineering services for renovating the existing structure to support new rooftop mechanical loads, renovating the elevator, upgrading MEP systems and egress, repairing sidewalk vaults, and installing new openings through bearing walls, with MdeaS Architects.

Barneys New York – 101 Seventh Avenue New York, NY

GMS provided structural engineering services for the gut renovation of four floors in this 1920's era structure. The renovation included removing existing columns, a new exterior canopy, new rooftop equipment, load testing and evaluation of existing floors to confirm higher load capacity, design of a 3-story helical stair (with major fabrication performed in China) and new elevators, with Lalire March Architects.

Tavern on the Green Restaurant – New York, NY

GMS provided structural engineering services for the evaluation of the existing structure for new loads resulting from new mezzanines and mechanical equipment, and modifications to the existing framed floors for new openings. In the exterior courtyard we designed footings and ballast for the proposed new awning and tent structures, and the repair/reinforcing of the existing floors due to deterioration and changes in loads.

Porcelanosa, 202 Fifth Avenue – New York, NY

GMS was contracted to perform in-situ flatjack testing at various locations throughout the building to establish the strength of existing masonry walls. Analyses and results from the nondestructive testing were presented to the client in a very detailed report.

PS 36 Manhattan – The Margaret Douglas School, New York, NY

This architecturally significant existing school was built in 1965 on top of a rocky site overlooking Morningside Park. The building was originally designed to visually express the concrete structure and local Manhattan schist was also incorporated as part of the site walls and exterior finishes. GMS provided structural engineering services for the extensive renovation of the concrete façade and exterior concrete, including installing concrete overlays on the facade, removal and replacement of many exterior structural concrete framed slabs, and replacement or repair of concrete walkways and steps. The renovation was completed in 2012, with Nelligan White Architects.

HELP 1 Family Residence Brooklyn, NY

Rehabilitation of the Help 1 Family Residence housing complex includes 200 dwelling units enclosed within two, 3-story buildings that face each other across a large central courtyard. The focus is upgrading the residential buildings for the NYC Department of Homeless Services, working for the NYC DDC with Slade Architects.

PS 34 – Jersey City, NJ

This project for the New Jersey School Construction Administration involved the restoration and structural reinforcement of the brick masonry and terra cotta façade of an 80 year old, 3-story elementary school. The project entailed invasive probing of

the existing walls to determine the severity and extent of corrosion of embedded steel lintels.

Staten Island Zoo Carousel Enclosure – Staten Island, NY

GMS provided structural engineering services for a new steel framed carousel enclosure and timber-framed surrounding deck. The entire superstructure was supported by a proprietary pier foundation system designed to minimize construction damage to tree root systems within the site. With Slade Architects.

Westchester Country Club – Rye, NY

GMS provided consulting services related to the investigation of structural façade and roof deterioration of the hotel, sports facility, administration building, and golf cart “garage” of this prestigious country club. The ultimate goal was to provide the owner with a realistic picture of the existing deterioration throughout the building, to forecast and prioritize necessary repairs, and to estimate restoration costs. GMS prepared restoration documents for these repairs and observed construction in progress.

685 Third Avenue – New York, NY

GMS provided structural engineering services for the renovation of the lobby of 685 Third Avenue at 44th Street. The project involves the creation of a double height lobby space, a new entry canopy, new lobby stairs, new ADA elevator and installation of new architectural feature walls. As well as, renovation of the adjacent public space.

Hurricane Sandy Assessments

GMS was contracted by the New York City Department of Buildings to perform structural assessments for all buildings within Zone A after Hurricane Sandy in October of 2012. This effort included review of structures in both Manhattan and Staten Island and continued through December of 2012.

Bank of America – Various Locations

Renovation and upgrade of existing bank branches in Northern NJ.

Boudinot-Southard Farmstead – Basking Ridge, NJ

Conducted structural review of Historic structure in conjunction with Mills & Schnoering Architects.

Metropolitan Opera House – New York, NY

Performed 3 month long feasibility study with Beyer Blinder Belle Architects to create added rehearsal, office, storage and other backstage facilities for the Opera Company.

Delaware, Lackawanna, and Western Historical Reviews – New Jersey

Condition review of 16 historical railway structures, including substations, vent structures, tunnels, freight houses and interlocking towers along existing New Jersey Transit rail lines.

Nike - 21 Mercer Street, New York, NY

Performed engineering as part of renovation for a new retail outlet with Schwartz Architects

Princeton Club – 15 West 43rd Street

Structural design of rooftop equipment supports and façade changes as part of renovations with RMJM Hillier Architects

Monmouth County Child Advocacy Center- Freehold, NJ

New Building structure designed with Sonnenfeld and Trocchia Architects

Bank of America – 40 Beechwood Avenue, Summit, NJ

Review of existing structures and design of strengthening for new rooftop units with AKF Engineers

275 Seventh Avenue – New York, NY

Lobby modernization project, miscellaneous tenant renovations. Performed Local Law 11 façade inspection repairs and designed supports for new rooftop units for CBRE.

Lafayette Street School – Newark, NJ

Performed façade restoration for NJSDA requirements.

Monmouth Park – Oceanport, NJ

Structural assessment and review of Grandstand Entrance Canopy for the NJ Sports and Exposition Authority

Montrose School – 356 Clark Street, South Orange, NJ

Designed façade repairs with Brian Altman Architects

Essex Junior Academy – Bloomfield, NJ

Designed façade repairs for the Archdiocese of Newark NJ

HOY STRUCTURAL SERVICES, Inc.

November 2000 to February 2008

PRESIDENT

Structural design of new institutional, commercial, medical, and industrial structures and additions. Structural repair design. Review and repair of historic structures. Feasibility studies.

DI STASIO & VAN BUREN, Inc.

October 1996 to November 2000

ASSOCIATE

Structural design of new institutional and commercial structures. Field observation

