

<u>EDUCATION</u>	UNIVERSITY OF MANCHESTER INSTITUTE OF SCIENCE AND TECHNOLOGY Bachelor of Science and Technology	Manchester, England May 1979
<u>LICENSES</u>	Registered Professional Engineer in New York, California, and the United Kingdom	
<u>PROFESSIONAL ASSOCIATIONS</u>	Member, American Society of Civil Engineers (ASCE) Member, Structural Engineers Association of New York (SEAoNY) Member, the Institution of Civil Engineers (U.K.) Member, American Council for Civil Engineers (ACEC) National Standards of Practice Committee	
<u>CODE COMMITTEES</u>	SEAoNY Committee – Studying the potential impact of implementing the use of the IBC in New York City-New York City Model Code Program/Structures/Foundations sub-committee – member of the working panel on peer review, façade & timber chapters. CASE Guideline Committee – Commentary on AISC Code of Standard Practice	
<u>EXPERIENCE</u>	GILSANZ MURRAY STEFICEK PRINCIPAL	New York, NY October 1996 to Present
	NYCHA Repairs and Resiliency – New York, NY GMS has teamed with Nelligan White Architects for the New York City Housing Authority Repair and Resiliency Projects at Baruch Houses, Lavanburg Homes, and Carey Gardens 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, stormwater management and flood control, retaining wall repairs, and MEP equipment repairs and upgrades.	
	Financial Institution North America Region (NAM) Initial Risk Assessments – Various Locations, CA - Provided seismic hazard review of 400 branch locations.	
	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 22 nd and 23 rd 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, 6 th 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.	
	Confidential Law Firm – 1271 Avenue of the Americas, New York, NY GMS is providing structural engineering services for the fit-out on five floors above- and two floors below-grade at this 47-story iconic mid-century Rockefeller Center building. The new space is approximately 133,000 rsf. The project includes the design of a three	

story double cantilevered single stringer stair and associated reinforcement of the floor structure. Other work consists of observation and analysis of structural integrity to support high-density file systems, IT equipment and live loads for public assembly occupancy, as well as design and detailing of supplemental supports for operable partitions

Financial Office – 1 World Financial Center, New York, NY

The project consists of the architectural fit-out of approximately 204,000 sf on four floors and includes a lobby, executive offices, general offices, open area planning, conference rooms, conference center, pantries, equipment rooms, telecommunication rooms and high density filing rooms.

HSBC Bank Branches – New York and California

Performed structural condition assessments and designed structural alterations for various branches.

Citibank N.A. – Pennsylvania, New Jersey, New York, Connecticut, Massachusetts

Performed structural condition assessments and alterations for numerous branches since 1997 including over 230 between 2006 and 2008.

Financial Services Data Center – Carteret, NJ

Major facility upgrade including alterations to existing steel framed structure to accommodate new generators and MEP. Design of equipment pads and troughs, ventilation mezzanine and louvered penthouse. Analysis of existing structure and design of supports to accommodate hanging equipment.

Commerce Bank – New York

Performed structural condition assessments and designed structural alterations at numerous locations

TD Bank – New York

Performed structural condition assessments and designed structural alterations at a number of locations

Bank of America – Various Locations

Performed structural condition assessments and designed structural alterations at a number of locations

Gucci stores – New York, New Jersey, Massachusetts, Nevada and St. Thomas

Performed structural condition assessments and designed structural alterations

Burberry Stores – New York and California

Performed structural condition assessments and designed structural alterations at several locations

Levi's Stores, New York

Performed structural condition assessments and designed structural alterations for

several locations.

Tropicana Hotel – Atlantic City, NJ

Forensic engineering investigation services for a 10-story garage for the Hotel and Casino in connection with a collapse.

888 Woodmere Place – Woodmere, NY

Forensic engineering investigation services for a four-family residence in connection with demolition, excavation and construction of an adjacent temple.

Central Park Boathouse – 35 East 76th Street, New York, NY

Forensic engineering investigations in connection with a collapse of a lightweight canvas structure.

The Osborn – Rye, NY

Forensic engineering investigations of post construction defects of the Phase II Expansion of the Assisted Living Facility.

Gaddy Hall, Monroe College – New Rochelle, NY

A new six-story, 92,000 square foot mixed-use building containing 100 dorm rooms, seven classrooms, a 250-seat cafeteria, and offices for faculty and administration. Completed September 2014.

Culinary Arts Center Monroe College – New Rochelle, NY

A “hands-on” approach among the project team led to the completion of the facility from design through construction in less than five months. An Angled portal into the pastry area follows the slope of the ceiling within, which conceals ductwork and allows natural light to permeate the space from the building’s high windows. McGraw-Hill NY Construction Award Best of 2007. American School & University Outstanding Design 2008.

Allison Hall, Monroe College – New Rochelle, NY

A new six-story, residence hall which houses 200 students in 50 suites. Completed in 2004.

Milavec Hall, Monroe College – New Rochelle, NY

This 20,000 sf building is now the administrative centerpiece of Monroe’s New Rochelle campus. It is located in the former Librett’s Hardware Store. The project involved extensive renovation including reconstruction of the facade, a new roof, and refurbishment of the first floor slab and exterior foundation walls in order to make the building water tight and provide universal access. The construction cost was \$2.9M.

Babylon Schools – Babylon, NY

18,500 square feet of single story, steel-framed additions to the elementary and high schools, including a new gymnasium at the former.

Freeport Schools – Freeport, NY

146,500 square feet of stand-alone new construction and additions plus smaller alterations to a total of seven schools. All structures are steel-framed with concrete on metal deck slabs and spread footings, with masonry veneer cladding. New construction is up to three stories and includes a gymnasium. Additions include adding a second floor to two single story structures.

John Jay High School – Katonah, NY

A 90,000 square foot addition and alteration of steel framed, masonry clad low rise high school structures.

Touro College, Kew Gardens Campus – Kew Gardens Hills, NY

A four-story, 90,000 square foot steel framed, concrete on metal deck slab college building.

35 Schools - Term Contract with the NYC School Construction Authority

GMS teamed with Nelligan White Architects for two consecutive term contracts, providing as-needed services to the New York City School Construction Authority. To date, we have performed structural engineering for more than 35 schools throughout the city. Most projects involved masonry and concrete façade repairs, renovations and steel repairs, but other work included flood control, retaining walls, structural supports for MEP equipment and rigging of stage lighting or other elements within school auditoriums.

30 Schools – Five Boroughs, New York City

As part of the New York City School Construction Authority’s Capital Improvement Contracts, we have performed structural engineering for more than 30 schools throughout the city. Most projects involved masonry and façade repairs, but other work included pool repairs, retaining walls, structural supports for MEP equipment and rigging of stage lighting or other elements within school auditoriums.

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 structure was created using architecturally exposed structural concrete and local Manhattan schist as part of the façade and exterior finishes. GMS provided structural engineering services for the extensive renovation of the concrete façade and exterior concrete including removal and total replacement of most exterior architecturally exposed structural concrete framed slabs, walkways and steps.

IS 73Q – Queens, NY

Construction documents and construction administration services for replacement of approximately 650 ft. of parapet with three different parapet heights/details.

PS 150K – Brooklyn, NY

Construction documents and construction administration services for repair details for the corroded plaza support steel found during construction and replacement of fire damaged column on the 5th Floor.

PS 108Q, PS 149Q, PS 229Q, PS 239Q, PS 270Q – Queens, NY

Low rise Public Schools. Preparation of design-build bid documents. Design document and construction review.

PS 16K – New York, NY

Inspection of two different types of existing parapets to establish the scope of required repairs.

PS 190 – Sheffield Avenue, Brooklyn, NY

Structural assessment of structural damage at the cellar and ground levels due to water damage.

Friends Seminary – New York, NY

Extensive renovation/alteration to school facility of 5 story, 19,000 square foot combination concrete slab/steel framed and wood framed masonry bearing wall structure.

Manhattan District Garage 6/6A/8 – New York, NY

Value engineering study for the design of DSNY Manhattan District Garage 6/6A/8 for the New York City Department of Sanitation.

New York City Police Academy – Flushing, NY

Provided value engineering study for the schematic and preliminary phases of the new, New York City Police Academy (over \$1B construction cost) for the New York City Office of Management & Budget.

DEP Remsen Yard – Brooklyn, NY

Value Engineering study for Remsen Yard Reconstruction, a 105,000 sf New York City DEP maintenance facility, combining both water and sewer operations. The two-story storage/administrative building is integrated into a large translucent glass roof covering the vehicle parking, fueling operations and material piles.

Goldwater/North General Skilled Nursing Facility – New York, NY

Value Engineering Study for the relocating portions of the facility from the Goldwater complex on Roosevelt Island, to the North General Complex in Manhattan.

OCME Headquarters – New York, NY

Value Engineering study for the Office of the Chief Medical Officer's new headquarters.

Bronx Criminal Court - Bronx, NY

Value Engineering Study of the new Criminal Court Building at the end of design development phase for the NYC DGS.

Jacobi Medical Center - South Bronx, NY

Provided two value engineering studies of Phase I of their modernization project for the New York City Office of Management & Budget. Also provided value engineering services for the Nurses' Residence, East Wing, 2nd Floor 2-E7.

Kings County Hospital Center – 451 Clarkson Avenue, Brooklyn, NY

Provided value engineering study for the schematic phase of their modernization project for the New York City Office of Management & Budget.

GMC Value Planning Study – Pontiac, MI

Value planning study for a new single story, steel-framed General Assembly Building for General Motors, approximately 850,000 square feet.

Brooklyn Synagogue – Brooklyn, NY

Substantial alteration to turn of the century steel and wood-framed, brick bearing wall “brownstone” structure, including removal of 25' of rear bearing wall at 1st floor to create new sanctuary space.

Long Island City Vivarium – 39-40 Crescent Street, Long Island City, NY

Renovation of existing manufacturing building to support new Cooling Tower equipment.

Hospital for Special Surgery – East 71st Street, New York, NY

Renovation of existing three story building used for various medical uses. Existing roof converted into concrete slab floor capable of supporting 100 psf LL and new framing for new floor able to support new dunnage and snow and self-weight loads.

St. Francis Hospital – Roslyn, NY

Renovation and expansion of the St. Francis Hospital. The project includes the construction of a 5-story underground concrete framed parking garage and a 3-story concrete framed bed tower with basement. The project also consists of the extension of numerous existing buildings within the hospital grounds.

Lenox Hill Hospital – New York, NY

Ongoing renovation/alteration projects including current new building studies

Hunterbrook Ridge – Yorktown Heights, NY

New assisted living facility comprising 90,000 square foot wood framed commons building and thirty-two residential cottages.

Meadowview at the Wartburg – Mount Vernon, NY

New 90,000 square foot three-story, steel framed assisted living facility.

Sunrise Yard – Queens, NY

Part of General Requirements Contract for High Performance Buildings with the DDC. Design and Construction of a LEED Platinum DOT maintenance operations facility.

New York Stock Exchange – 30 Broad Street, NY

Alteration to create new trading floor in existing office building including coordination with extensive information technology systems and associated mechanical support systems.

Goldman Sachs Fitness Center – 10 Hanover Square New York, NY

Alteration of two basement levels of steel framed office building to create corporate health club facility.

Blue Cross Blue Shield Corporate Headquarters – One World Trade Center, New York, NY
Analysis and reinforcement as required for new 500,000 square foot corporate headquarters facility including data center and high density filing.

1981 Broadway – New York, NY

Design development of new two story, 25,000 square foot steel framed, concrete on metal deck slab office and retail building.

Queens General Mail Facility – College Point, NY

Alteration to accommodate extensive mechanical systems upgrade for large mail sorting and distribution facility.

Bank Building Alteration – 96th Street & Amsterdam Avenue, New York, NY

Substantial alteration of historic bank building including new 10,000 square foot steel framed, concrete on metal deck slab inside former three story high banking hall.

47 Mercer Street – New York, NY

Alteration of typical timber and cast iron framed, exterior masonry bearing wall former warehouse building, including first floor media store with basement, theater, rooftop deck and swimming pool.

IRS Customer Service Center – Holtsville, NY

Renovation/alteration of low rise steel framed office building.

330 Jay Street – Brooklyn, NY

New 473 foot tall, 1.1M square foot, steel framed courthouse and office building designed to resist modified federal level C blast resistance criteria.

330 East 57th Street – New York, NY

A 16 story, 32,000 square foot, concrete flat plate, masonry facade residential tower.

St. George Hotel – Brooklyn, NY

New eleven-story, 68,000 square foot steel-framed addition to, and 42,500 square foot renovation of existing steel-framed hotel building.

CBS Studio 47 – New York, NY

Design, details and construction administration services for the resupport of an existing ceiling located above International Syndication due to the removal of the supporting wall between International Syndication and Room 61 as a result of the expansion of the former. Design to re-support ceiling framing in Studio 1E2-1 (Sports Avid).

CBS Broadcast Center – New York, NY

Structural engineering services for openings in the floor slab on the 57th Street and the 56th Street side of the CBS Broadcast Center. These openings will be used to allow

ductwork routing of the outside air to the air handling units on the lower level building.

CBS Broadcast Center – New York, NY

Structural engineering services for the placement of a sand filter on the roof level of the CBS Broadcast Center at 530 West 57th Street. The filter is used for the treatment of cooling tower water and weighs approximately 17,000 lbs.

CBS Broadcast Center – New York, NY

Structural engineering services for the placement of heat exchangers on a slab on grade at the CBS Broadcast Center at 530 West 57th Street. The heat exchanger consisted of one or two units having a total operating weight of 36,000 lbs.

CBS – 530 West 57th Street, 1st Floor, New York, NY

Resupport of an existing ceiling located in Studio 1E2-1 due to the removal of the supporting wall at the acoustic isolation booth as a result of the expansion of the former.

CBS at GM Building – 524 West 57th Street, New York, NY

For this project we provided structural engineering services for work at the GM building, concourse level. The work consists of the design of three slab penetrations for ducts

Emmons Avenue Bollards – Brooklyn, NY

Structural engineering consulting services for bollards for the NYC Parks Department's streetscape redevelopment of the existing 12 block esplanade along Emmons Avenue in Sheepshead Bay.

CANTOR SEINUK GROUP, P.C., New York, NY
PROJECT MANAGER

July 1986 to October 1996

EIPEL ENGINEERING P.C., New York, NY
DESIGN STRUCTURAL ENGINEER

July 1983 to July 1986

WATERMAN PARTNERSHIP, London, UK
STRUCTURAL ENGINEER

August 1981 to June 1983

JOHN LAING CONSTRUCTION, London, UK
SITE ENGINEER

August 1979 to August 1981