
<u>EDUCATION</u>	JOHNS HOPKINS UNIVERSITY Master of Science in Civil Engineering	Baltimore, MD May 2013
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<u>PROFESSIONAL ASSOCIATIONS</u>	American Society of Civil Engineers (ASCE) 41-22, Seismic Evaluation and Retrofit of Existing Buildings Committee Member, ASCE Structural Engineering Institute American Society of Civil Engineers (ASCE) 7-28, Loads on Temporary Structures Subcommittee, Associate Member	
<u>LICENSES</u>	Registered Professional Engineer in California and New York ACI Concrete Field Testing Technician – Grade I OSHA Construction Safety and Health 10-HR ICC Structural Welding Special Inspector ICC Reinforced Concrete Special Inspector ICC Structural Steel and Bolting Special Inspector	
<u>EXPERIENCE</u>	GILSANZ MURRAY STEFICEK ASSOCIATE PARTNER	June 2013 to Present
	Bryant University Field House – Smithfield, RI Field House: GMS provided structural engineering services for the construction of a new three-story structure to house at ground, football locker rooms, concessions, ticketing and ancillary spaces; at second level, Alumni Club Meeting room and catering with deck and green roofs and new 1000-seat grandstand; and at third level, the Press Box with another deck all totaling approximately 33,400 gsf. The new building will be located west of and adjacent to the existing football field. Anticipated construction cost is \$26M.	
	Fairfield University Convocation Center – Fairfield, CT This new 85,000 sf facility includes a 3,500 seat multi-use space for basketball, volleyball or university events and concerts. The seating can be reconfigured to allow two practice courts or infilled to create an event or dining space. The venue includes a state-of-the-art broadcast and media center, as well as spaces devoted to the student athletes. The steel trusses span almost 200 feet in one direction and almost 150 feet in the other. The Center opened in November 2022 and had a total project cost of approximately \$50M.	
	Major Financial Institution Initial Risk Assessments – Various Locations Since 1992, GMS has provided structural engineering services for hundreds of bank branches throughout seven different states, Massachusetts, Connecticut, New York, New Jersey, Pennsylvania, Florida, and California. GMS has also performed conditions assessments following natural disasters, including heavy winter snowstorms in New England and post-hurricane assessments along the Atlantic Coast. GMS has performed seismic hazard reviews for over 400 branch locations throughout the	

United States, Canada, and the Cayman Islands. We are currently designing seismic retrofits for twenty-three (23) of these facilities, most of which are in California.

Drive Shack - Randall's Island, NY

GMS is providing structural engineering services for the new Drive Shack on Randall's Island. The project involves the development of a new 50,000 to 55,000 sf building on three levels for use as a golf-related leisure and entertainment venue to replace the existing facility. The new space will accommodate technology enhanced hitting bays, a full service restaurant and bar, a rooftop lounge and meeting areas.

Sportime - Randall's Island, NY

The Sportime/John McEnroe Tennis Academy is the largest public tennis facility built in New York City in half a century. The project is a key component of the redevelopment of Randall's Island into a city-wide destination for sports and active recreation. GMS has provided several schematic alternatives for a new field house within the proposed expansion of the Sportime Tennis Center with a clear span of 130 feet.

165 Charles Street – New York, NY

GMS provided structural engineering services for the renovation of this West Village apartment. Our scope of work included reviewing the proposed plumbing core drill locations for the kitchen; reviewing loads imposed by a new wood platform and floor finish; and designing supports for miscellaneous millwork, including rotating and sliding doors. Our scope also included the design of timber "furniture" in an apartment's double-height living space, including two "tree houses" and one spiral staircase.

Olympic Tower – 645 Fifth Avenue, New York, NY

GMS's structural scope of work for this project consisted of support for new tension-cabled storefronts at 51st and 52nd Street entries, support for one new metal awning at each entrance (two total), and support for faceted wall with limestone panels within lobby. Additionally, GMS reframed stairs, designed support for the new ADA lift near 52nd Street entry, and coordinated framing/support for retail window, vertical landscape, and art panel within faceted limestone panel wall inside lobby.

695 Sixth Avenue – New York, NY

Structural engineering services for investigation, assessment and redevelopment of this five-story, 200,890 sf building. Built in distinct phases from 1889 to 1911, the building's original use was a department store that was later transitioned into textile manufacturing facility. 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.

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 the cellar by about 12 feet and to extend it into the rear yard 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.

Salesforce, 3 Bryant Park – New York, NY

GMS provided structural engineering services for the fit-out of Salesforce offices on the 1st, 16th, 17th, 18th to 20th, 23rd and 41st floor and creation of a dedicated entry lobby and canopy for Salesforce employees. This building is formerly known as 1095 Avenue of the Americas.

27360 Escondido Beach Road Residence – Malibu, CA

GMS provided structural design of the foundations and superstructure for a new, 3,121 SF, two-story, two-bedroom, beachfront single-family residence. The oceanfront site is subject to lateral spreading, and the foundation was designed to resist this force in addition to the seismic and flood loading. Site improvements include the installation of an access driveway, jacuzzi, and private sewage disposal system.

Meadow Lane House – Southampton, NY

Two-story house with a full basement, pool and tennis pavilion, constructed in the flood plain using post-tensioned architectural concrete. The house includes a structurally independent brise-soleil and the exterior walls are thermally isolated from the interior. GMS worked with the contractor to avoid support of excavation by sloping the soil.

205 Montague Street – Brooklyn, NY

GMS is providing structural engineering for this new 500 foot tall, 42-story, concrete residential tower with approximately 330,000 square feet and one cellar level. We are also providing the support of excavation, as well as pre-construction surveys, vibration monitoring, and MTA drawings submission due to the project's proximity to the 2, 3, and R subway lines. Prior to the new residential tower project, we provided structural design through design development and NYC TA approval for adding 10 new stories to the existing 6 story structure.

75 Rockefeller Plaza – New York, NY

The top-to-bottom overhaul of this landmark, built in 1947 includes new double-height glazing and upgraded entry. A reconfigured lobby required transfer of four existing building columns. The elevators, electric and HVAC systems have all been updated and a new irrigation system will collect rainwater for the terraces. The 33 story building is LEED Gold certified.

677 Fifth Avenue – Retail - New York, NY

This confidential retail renovation involves the removal of several building columns between the cellar and fourth floors along with a new feature stair, new elevator and new storefront façade. The stair, constructed from hollow steel tube sections, extends from ground to third floor, is supported at the top and bottom and with two vertical tubes on one side of the middle flight of steps.

Queens Bridge Plaza North – Long Island City, NY

GMS is providing structural engineering for this new, 319,000 sf, twenty-one story high residential building. The building is cast-in-place concrete flat plate construction on a combination of spread footings piles and mat foundations.

Southern Connecticut State University Science Center – New Haven, CT

The new Academic and Laboratory Science Building hosts teaching and research labs for physics, earth science, environmental science, molecular biology and chemistry. It includes a supercomputing lab for research in theoretical physics, bioinformatics and computer science within four-stories and 103,608 square feet. The building was entirely designed and documented in BIM using Revit and is LEED Gold certified.

1095 Avenue of the Americas – New York, NY

GMS provided structural engineering for the redevelopment of this building at 42nd-41st Streets on Sixth Avenue. Work included the reconstruction of the existing annex, enlarging the existing plaza, enclosing the existing MTA entry and relocating the entry to the east within the 1095 tower. These building projects are ready for leasing and the plaza reconstruction was completed in 2010.

Asics – 120 West 42nd Street, New York, NY

GMS provided structural engineering for the retail tenant including new elevators.

Blink Fitness – 1065 Avenue of the Americas, New York, NY

GMS is providing structural design and detailing services for a new elevator, the infill of two existing elevator openings at the ground and cellar level, the infill of an existing stair opening at the ground floor, and an opening for a new stair from the ground floor to the cellar level.

1240 Meadow Lane – Southampton, NY

Two story, architectural exposed concrete, single-family residence, located within FEMA VE, AE and X flood zones on the Atlantic Ocean beach.

515 West 29th Street – New York, NY

The existing six-story factory building, adjacent to the High-Line in West Chelsea, will be renovated and expanded to include a five-story, 14,000 square feet, addition over the existing 30,000 square foot structure. This will be a luxury residential building featuring single-level units, duplexes and a triplex. It is scheduled for completion in July 2015.

PRESENTATIONS, 75 Rockefeller Plaza: Column Transfers, Joe Mugford, John Hinchcliffe and Ramon Gilsanz, Structural Engineers Association of Arizona Annual Conference, June 2018
PUBLICATIONS
AND PAPERS

“Playing to the Base”, John Hinchcliffe, Joe Mugford, and Ramon Gilsanz, *Modern Steel Construction*, February 2018.

“75 Rockefeller Plaza: Transfer Girder Constructability”, John Hinchcliffe, Joe Mugford and Ramon Gilsanz, *STRUCTURE Magazine*, January 2018.

75 Rockefeller Plaza: Column Transfers, Joe Mugford, John Hinchcliffe and Ramon Gilsanz, ASCE/SEI Structures Conference, Denver, CO, April 6-8, 2017