

<u>EDUCATION</u>	UNIVERSITY OF MASSACHUSETTS AMHERST Bachelor of Science in Civil Engineering	Amherst, MA 2018
<u>LICENSES & CERTIFICATIONS</u>	OSHA Construction Safety and Health 10-HR ACI Concrete Field Testing Technician – Grade I NYC DOB 4-HR Supported Scaffold User Training ICC Reinforced Concrete Special Inspector Associate	
<u>PROFESSIONAL ASSOCIATIONS</u>	Member, American Society of Civil Engineers Member, Society of Women in Engineering American Society of Civil Engineers (ASCE), 7-28, Main Committee, Associate Member American Society of Civil Engineers (ASCE), 7-28, Future Conditions of Environmental Hazards Subcommittee, Associate Member ACE Mentoring Program of Greater New York City	
<u>EXPERIENCE</u>	GILSANZ MURRAY STEFICEK ASSOCIATE	June 2018 to Present
	Confidential Investment Management Firm – 9 West 57th Street, New York, NY GMS provided structural engineering services for the interior construction of three floors, approximately 100,000 sf, for this confidential investment management firm. The project included new connecting stairs, offices, trading areas, dining area, servery, pantry, and amenity spaces.	
	Confidential Investment Banking Firm - 245 Park Avenue, New York, NY GMS is providing structural engineering services for the interior construction of five floors (approximately 185,000 sf) for this confidential banking firm. The project includes new connecting stairs, offices, a workstation, amenity spaces, and a conference center.	
	Confidential Global Media Firm – Paris Theater, New York, NY GMS provided structural engineering services for the renovation and technical upgrades of the only single-screen art house movie theater in Manhattan. Our scope of work included the design of new steel framing for an ADA lift and review of an existing stage stair infill. In addition, we designed structural supports for new sound system upgrades, and we performed structural reviews of special lighting and LED displays that were installed for special events held at the theater.	
	250 West 57th Street – New York, NY GMS provided structural engineering and façade consulting services for the redevelopment of the lobby and retail storefront of this 25-story office building which extends along West 57 th Street from Broadway to Eighth Avenue. Our work included the design of structural support for lobby elements such as new LED display ceiling and revolving and swing doors, as well as design assistance during construction for the new storefront and marquee.	

GMS has served as the building's structural engineer since 2006. This work has included the design and construction phase services for upgrades to the mechanical systems, infill at the former fire court, boiler, and cooling towers. This 476,691 square-foot building was originally constructed in 1921.

Tangram aka Two Fulton Square – Flushing, NY

This 1,403,500 square foot mixed-use development located at Prince Street and 39th Avenue in Flushing, New York (one block north of the One Fulton Square), will include four buildings above three levels of below grade parking.

Greenwich Country Day School – Greenwich, CT

GMS provided structural engineering services for this expansion at Greenwich Country Day School's Upper School. To the south, a new academic building, made up of two sections, was constructed. One section contains classrooms, while the other contains music rehearsal spaces, fitness rooms, and mechanical systems. To the west of the academic building, a tall retaining wall, and exterior stair tower with reinforced concrete walls was constructed to allow more access to the school's athletic field. To the north, a kitchen/servery building was constructed immediately adjacent to the existing building. North of that, an Art quad was designed, consisting of several buildings with CLT and a connected covered walkway. A new performing arts center was designed for the southern end of the campus.

16 East 34th Street – New York, NY

GMS provided structural engineering and special inspection services for both landlord and tenant for the roof, lobby, and facade renovation of this 22-story Art Deco building in the heart of Midtown Manhattan. Renovations included two new roof terraces plus new lula lifts, new stairs and new door openings, an enlarged lobby entrance, a new marquee, and a new retail storefront.

GMS also provided building envelope consulting services that included waterproofing details for the roof work and energy analysis for the storefront.

Park East Synagogue – Cleveland Heights, OH

GMS provided structural engineering for the construction for a new 61,000 sf religious facility that includes a school, preschool, day camp, library, offices, and a 250 seat sanctuary. Recently, the synagogue began design for an addition to include a new reception hall, which will have the capacity of up to 500 moveable seats, and a renovation to the chapel, which will now house approximately 500 seats.

Confidential Law Firm, 1271 Avenue of the Americas – New York, NY

GMS provided structural engineering services for the fit-out of the offices 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. Work included 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.

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.

Bucherer 1888 TimeMachine – New York, NY

Bucherer Group's new U.S. flagship on East 57th Street in Manhattan occupies 19,000 sf over three levels. GMS provided structural engineering services for the stairs, new mezzanine level, and store fit-out.

Convene, 333 South Grand Avenue – Los Angeles, CA

GMS provided structural engineering services for this new architectural stair between the third and fourth floors within the Convene co-working space at 333 South Grand Avenue. Our work consisted of stair design and design to support a new opening through the existing fourth floor. We verified the strength of the floor framing at each level and analyzed the kitchen floor structure to confirm its capacity to support the loads of heavy equipment including refrigerators and stoves.

DISASTER RELIEF RESEARCH**September 2016 to May 2018**

Completed Literature review on the FEMA Program and past disaster relief research. Analyzed structural damage using photos, DA sheets, and data obtained from Laser Scan Point Cloud Data of deformed structures.

WOODWARD & CURRAN**2017**

Worked as an intern. Coordinated fire low test and analyzed data to determine restrictions in distribution system. Oversaw drilling of boreholes on proposed construction site. Prepared addendum and review bid packages.