

<b><u>EDUCATION</u></b>	<b>LEHIGH UNIVERSITY</b> Master of Engineering in Structural Engineering	Bethlehem, PA 2011
	<b>BUCKNELL UNIVERSITY</b> Bachelor of Science in Civil Engineering	Lewisburg, PA 2010
<b><u>LICENSES &amp; CERTIFICATIONS</u></b>	Registered Professional Civil Engineer in California. Registered Professional Civil Engineer in New York. Registered Professional Civil Engineer in New Jersey. Suspended Scaffold 16-HR ACI Concrete Field Testing, Technician Grade 1 ICC Reinforced Concrete Special Inspector Associate ICC Structural Steel – Bolting Special Inspector Associate ICC Structural Steel – Welding Special Inspector Associate	
<b><u>PROFESSIONAL ASSOCIATIONS</u></b>	Member, American Society of Civil Engineers (ASCE) Member, Structural Engineers Association of New York (SEAoNY) Member, American Institute of Steel Construction (AISC) ACE Mentoring Program American Society of Civil Engineers (ASCE) 7-28, Future Conditions of Environmental Hazards Sub-Committee, Associate Member	
<b><u>EXPERIENCE</u></b>	<b>GILSANZ MURRAY STEFICEK</b> ASSOCIATE PARTNER	<b>June 2011 to Present</b>
	<b>Confidential Global Media Firm – Paris Theater, New York, NY</b> 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.	
	<b>Valentino Flagship – 654 Madison Avenue, New York, NY</b> GMS provided structural engineering services for the renovation of the Valentino Flagship location at 654 Madison Avenue. The 20,249 sf project included the structural design of a new feature stair structure, the partial demolition of the existing mezzanine, the renovation of an existing dunnage for a new cooling tower, and the re-support of the existing canopy along Madison Avenue. GMS also served as the structural special inspector.	
	<b>Confidential National Bank – 2 Bryant Park &amp; the Grace Building, New York, NY</b> GMS provided engineering services for two office building fit-outs for a Confidential National Bank within both 2 Bryant Park (formerly 1100 Avenue of the Americas) and the adjacent Grace Building, a 1960's iconic building located in Manhattan. We have served as the Owner's Structural Engineer and Building Envelope consultants since 2007.	

The project at 2 Bryant Park included a fit-out of over 330,522 rsf encompassing the 2<sup>nd</sup> through 15<sup>th</sup> floors and roof, with amenities and support spaces including a multi-purpose room, market café and prep room, an occupiable roof terrace, tech connect recharge and refocus suite, mail room, security command center, staff lockers and changing, and unisex restrooms on the 2<sup>nd</sup> floor. Support for a new feature stair, skylights, kitchen and dining room were part of the structural scope.

Structural engineering services at the Grace Building for this client included review of base building structure to accommodate live loads at new multi-purpose rooms, two interconnecting stairs, and a bridge connecting to 2 Bryant Part at three levels.

#### **Diesel, Miami Design District – Miami, FL**

GMS provided structural engineering services for the renovation of the Diesel store located in the Miami Design District. The structural scope for the project included design of supports for hung mechanical units, security gates, and a custom exterior storefront. GMS also provided the structural design of a new stair opening for an interconnecting spiral stair, as well as the design of the stair itself.

#### **YSL, Royal Hawaiian Center – Honolulu, HI**

GMS provided structural engineering services for the development of a new YSL flagship store at the Royal Hawaiian Shopping Center in Honolulu, HI. The structural scope of work included the structural design of a new feature stair; seismic restraint calculations for new millwork and new stone wall finishes; the structural support for one hung mechanical unit; and the structural design of multiple custom exterior storefronts to resist wind and seismic loads.

#### **Gucci, Northpark Mall – Dallas, TX**

GMS provided structural engineering services for the Gucci store in Northpark Mall in Dallas, Texas. Our scope of work included the detailing of a new Unistrut grid to support ceiling finishes and to brace the top of the new storefront framing; the design of structural supports for a new custom interior storefront; preparation of structural demolition drawings of existing roof framing; and the design of new double-height space roof framing, including new foundations.

#### **46 Commerce Street – New York, NY**

GMS was retained to design structural repairs for the existing wood-framed roof of a residential co-op located at 46 Commerce Street, New York, NY. This building, constructed in the early 1800s, had a cracked main roof rafter that supported the roof joists. To address this issue, GMS designed new steel framing to be installed above the roof, allowing for the re-supporting of the main rafter. By placing the steel framing above the roof, the ceiling heights in the top-floor studio apartment were preserved.

#### **Mount Sinai Hospital Emergency Department – New York, NY**

GMS provided structural engineering services for the MSHS NSICU Guggenheim Pavilion at 1468 Madison Avenue. The project was a gut renovation of the 36,000-sf emergency department and included DOH filing and designed to accommodate a 6-

phase project as outlined in the master plan documents. The scope of work included the support of new X-ray and CT equipment, structural review of the loads imposed by new mechanical units, and review of miscellaneous slab openings as required for MEP.

#### **Saint Laurent – Various Locations**

GMS has provided structural design for Saint Laurent at its numerous retail locations across the country since 2013. Work included redevelopment of existing properties for the store's new interior fit out, architectural stairs as well as new storefront design. GMS helped YSL open stores in Arizona, California, Georgia, Hawaii, Massachusetts, New Jersey, New York, Pennsylvania, and Texas.

#### **Major Financial Institution – Various Locations**

Since 1992, GMS has provided structural engineering services for hundreds of bank branches and corporate office locations throughout the United States including: Arizona, California, Colorado, Connecticut, the District of Columbia, Delaware, Florida, Idaho, Illinois, Massachusetts, Maryland, New Jersey, Nevada, New York, Pennsylvania, South Carolina, South Dakota, Texas, Utah, Virginia, and Washington. GMS has performed seismic hazard reviews and/or structural due diligence assessments for over 400 branches and offices throughout the United States, Canada, and the Cayman Islands. We are currently designing or have recently completed ASCE 41 Tier 2 and Tier 3-based seismic retrofits for over twenty locations, most of which are in California. The seismic retrofit projects range in size from a 3,300 sf single story building to a 22-story high-rise in downtown San Francisco. GMS has also performed conditions assessments following natural disasters, including heavy winter snowstorms in New England, hurricanes along the Atlantic Coast, and the 2025 Palisades Fire.

#### **225 Liberty Street – New York, NY**

Located in the World Financial Center, this project for a global financial services firm involved the renovation of approximately 240,000 sf of office space, including new workspace for the firm's executives. GMS provided structural engineering services to review and reinforce the existing framing for the loads imposed by new mechanical equipment, including the design of new reinforcement for a new UPS with back-up batteries. GMS also provided special inspection services on this project.

#### **Lenox Hill Hospital – New York, NY**

GMS has provided structural engineering services to Lenox Hill Hospital for a wide range of projects to improve their main Upper East Side campus, their extension clinic - MEETH (Manhattan Eye, Ear & Throat Hospital) and Lenox Health Greenwich Village (LHGV).

#### **Gensler NYC – 1700 Broadway, New York, NY**

Renovation of 125,000 sf for this global architectural firm's NY headquarters. The office includes 5 floors of typical workplace, conference rooms, town hall public assembly spaces, and pantries approximately 95% open to 5% closed work space. The floors are connected with a large atrium containing four (4) individual stair runs, suspended walkways, and a visualization theater to display the firm's projects.

**Capital One Bank – 853 Broadway, New York, NY**

Located at 853 Broadway, this new branch provides financial services and a Peet's Coffee shop in-house. The project consisted of approximately 6,800 square feet in the cellar, 5,500 square feet at the ground floor and 6,500 square feet on the mezzanine level. GMS provided structural engineering to review the existing floors for the ATM and safe installation, to reinforce the floors and to create a new monumental stair and elevator to connect the three levels. The project required the removal of a portion of the building's lateral force resisting system, so column reinforcing was required. GMS also assisted with the design of the interior glass barriers and partitions, LED display and the review by the Transit Authority.

**Eaton Hotel - 1201 K Street NW, Washington, D.C.**

GMS is a member of the redevelopment team working with this Hotel Company to establish their first property in the US. This hotel is composed of a nine story tower constructed in 1962 with a covered roof top pool with integrated below-grade parking garage and a five story building constructed in 1942.

**PNC Bank Branch Rollout – New York, NY**

Since 2004, providing structural engineering services for the Bank Branch Roll out in various states namely, NY, NJ, VA, DC, MD, DE, OH, KY, PA, FL, IL and WI adapting regional prototype designs for new PNC Bank Branches. To date, designed over 200 high performance bank branches about 5,000 SF each. All branches of PNC Banks are LEED™ Certified.

**515 West 29<sup>th</sup> 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.

**Manhattan Seventh Day Adventist Church – 232 West 11<sup>th</sup> Street, New York, NY**

GMS was commissioned to design structural repairs for the existing wood framed mezzanine in the West Village church. Two existing wood girders were twisting due to creep and appeared to be near failure. GMS developed a minimally invasive, temporary shoring scheme that enabled the contractor to remove and replace the girders while allowing the church to remain operational during the repair work.

**Jimmy Choo – Hawaii, Georgia, Nevada, New York**

Since 2013, GMS has been providing structural engineering services for new Jimmy Choo retail locations in several states. The projects have included design services for storefront supports, seismic supports for millwork shelving, mechanical equipment supports for seismic loads, and structural supports for large chandeliers.

**Capital One Bank Branch Renovations**

Since 2008, GMS has provided structural engineering services for the renovation of Bank Branches in various states, namely NY, NJ, MD, VA, and MA. We have also designed several prototypical stand-alone branches about 5,000 SF each.

**Prada – 595 Madison, 575 Broadway, and Tysons Galleria in McLean, VA**

Since 2012, we have provided structural engineering services for Prada retail locations. The interior fit-outs have consisted of the structural design of new stairs, storage mezzanines, display cases, storefronts, infill of existing openings, and design modifications to an existing opening to accommodate a new stair.

**Hurricane Sandy Assessments – New York, NY**

GMS was contracted by the New York City Department of Buildings to perform structural assessments with DOB electrical and mechanical inspectors for all buildings within Zone A after Hurricane Sandy in October of 2012. This effort continued through December of 2012.

**Bank of America – Various Locations**

Renovation and upgrade of over 75 bank branches throughout California, New York, New Jersey and Rhode Island in accordance with BofA Prototype standards.

**Chase Bank – Various Locations**

Renovation and upgrade of over 30 bank branches throughout New York and New Jersey in accordance with new Chase Private Client Standards.

**New Development – Northern NJ**

GMS is providing structural engineering pre-design services for a new development in Westfield, New Jersey. The project consists of branded residential buildings, the adaptive reuse of an existing big box retail building, townhouses, mass timber office buildings, loft residential buildings, and parking structures. We are also providing preliminary design for various elements of the above mentioned areas.