

**EDUCATION**      **Columbia University**      New York, NY  
Master of Science in Civil Engineering      May 2012

**Universidad Politécnica de Madrid**      Madrid, Spain  
Specialization: Structural Civil Engineering      June 2011

**LICENSES & CERTIFICATIONS**      Registered Professional Engineer in California  
OSHA Construction Safety and Health  
ICC Concrete Inspector  
ICC Structural Steel and Bolting Inspector  
ICC Structural Welding Inspector  
ACI Concrete Technician  
City of Los Angeles Building Department Steel Construction Deputy Inspector  
City of Los Angeles Building Department Drilled-In Anchors Deputy Inspector  
City of Los Angeles Building Department Masonry Construction Deputy Inspector

**EXPERIENCE**      **GILSANZ MURRAY STEFICEK**      June 2012 to Present  
ASSOCIATE

**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.

**5555 Bonner Avenue – North Hollywood, CA**

The building consists of 31 residential units on four levels over a two-level parking garage. The total framed area is approximately 56,000 sf. The apartments are a mix of one-bedroom, two-bedroom, and three-bedroom units totaling roughly 34,000 sf of residential space. Each apartment has its own private balcony. A 1,200 sf open roof patio and a gym for the tenants are located on the fourth floor. Construction is concrete up to and including first floor, with timber framing above.

**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.

### **130 Bay Street – Jersey City, NJ**

The project involves the redevelopment and conversion of three inter-connected historic industrial buildings into a mixed-use commercial facility, located in the Powerhouse Arts district in Jersey City. The existing buildings contain approximately 100,000 sf of interior space. The proposed building modifications include adding approximately 25,000 sf by constructing additional floors over portions of the existing roofs.

The project also involves extensive repair and restoration of the brick masonry and decorative terra cotta facades.

### **1919 S. Western Avenue Apartments – Los Angeles, CA**

GMS is providing the structural engineering for the new 22 unit apartment building of five residential floors, over commercial space above two levels of subterranean parking. Community spaces will include a central courtyard and roof deck. The structure will be cast-in-place concrete up to the second floor, then timber framing and timber shear walls above.

### **Marionette Square – Los Angeles, CA**

GMS provided the structural engineering for the new 110,000 sf mixed-use development which maintains the existing facade of the Bob Baker Marionette Theater, a designated Los Angeles Historic-Cultural landmark. The \$18.5 million project includes four levels of market rate flats and townhouse apartments constructed of timber, above two levels of parking and commercial space constructed of concrete.

### **Porcelanosa, 202 Fifth Avenue – New York, NY**

Porcelanosa's new US Flagship requires the full gut renovation of the existing six story building located at 202 Fifth Avenue. The 18,000 square foot building will be transformed into a trade/retail showroom with accessory office spaces. GMS will provide structural engineering, façade and waterproofing consulting, special inspection and construction monitoring services.

### **Woolworth Building – 233 Broadway, New York, NY**

GMS provided structural engineering services for the conversion of the upper portion (Floors 30 - 60) of the existing landmark structure to residential apartments. The project consisted of two new high-rise elevators from the sub-cellar to 51<sup>st</sup> Floor, new floor openings, concrete pit structures at subcellar and machine room, pickup framing from 51<sup>st</sup> to 53<sup>rd</sup> Floors, new exit stair structures between 30<sup>th</sup> and 53<sup>rd</sup> Floors, new floor openings and new/reinforced framing, two new penthouses at the 30<sup>th</sup> Floor, and a new canopy structure at the ground floor for condominium entrance. The lower levels were refurbished to accommodate restaurants, a health club, retail and educational space, and renovations of the intermediate levels for office tenants. GMS also provided the structural Special Inspections for structural steel, stability, and field inspections for concrete.

**1540 Broadway – New York, NY**

Since the original construction, GMS has performed periodic inspection and undertaken various repairs to this aluminum and glass curtain wall tower in New York's Times Square. We have also performed interior renovations on all floors of the 1,100,000-sf, 44-story building to accommodate tenant fit-out requirements including new retail at the lower levels. The structural work includes data centers, food service areas, tenant fitness centers, supports for new mechanical services, new architectural stairs for tenants, signage, and various retail escalators and elevators.

GMS provided structural engineering services for various tenants in the building, including MAC, Sunglass Hut, and Disney. The largest fit-out project was for Forever 21; the renovation involved the installation of a series of escalators servicing the ground floor through Subcellar 1. Due to the large openings below grade, GMS reviewed diaphragm forces to brace the perimeter foundation walls.

**Avalon West Chelsea –New York, NY**

This new residential building located between 11th and 10th Avenues in the Chelsea, is approximately one block long. The "L-shaped" building is approximately 588,000 sf. The building height ranges from one to thirty-one stories and is built on piles.

**371 Broadway – New York, NY**

Renovation with a new 18-story, 130,000 sf, luxury residence which cantilevers north over the existing commercial building.

**1045 Avenue of Americas – 7 Bryant Park, New York, NY**

GMS performed peer review of the structural design of this new 28 story office building with 474,000 square feet, located on the corner of Sixth Avenue and 40<sup>th</sup> Street, diagonal to Bryant Park.

**50 West 53<sup>rd</sup> Street – New York, NY**

GMS performed the peer review of the structural design for this 46-story hotel located on 53<sup>rd</sup> Street at Fifth Avenue.

**Renaissance Hotel – 218 West 35<sup>th</sup> Street, New York, NY**

This new hotel near Macy's is 40 stories, plus the roof. Approximately 200,000 sf of concrete flat plate construction built on a mat foundation. GMS served as the Engineer of Record and as the Special Inspector for concrete construction and steel erection, bolting and welding.

**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.

**HSBC Bank Branches – New York and California**

Performed structural condition assessments and designed structural alterations at over 20 locations.

**280 Park Avenue – New York, NY**

The restoration includes new storefront, new curtain wall at the Link Building and structural work associated with extensive systems upgrades including elevators, escalators and window washing. A Local Law 11 Report was provided prior to the beginning of the new construction. GMS is also providing Special Inspection services for Structural Stability.

**PNC Bank Branches – Various Locations**

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