

<u>EDUCATION</u>	University of Cantabria Bachelor and Master of Civil Engineering – Dual 5-year Program	Santander, Spain 2010
<u>LICENSES</u>	Registered Professional Civil Engineer in the State of California	
<u>EXPERIENCE</u>	GILSANZ MURRAY STEFICEK ASSOCIATE	April 2013 to Present

730 Fifth Avenue – New York, NY

GMS is providing structural engineering for the extensive redevelopment of the retail portions of the Crown Building, located at the corner of Fifth Avenue and West 57th Street. This multi-phase project included the structural design necessary for the relocation of the building lobby, the upgrades associated with all egress changes and mechanical upgrades for the building conversion, as well as the redesign for multiple high-end retail spaces along 56th and 57th Streets and along Fifth Avenue. All structural work took place while simultaneously upgrading the existing building super- and substructure for the design of a 20-foot-wide cantilever working platform with a capacity of 300 psf, which will provide tenants a column-free sidewalk while protecting pedestrians of these heavily trafficked blocks during the building renovation. The reinforcement of the building perimeter columns, existing framing and lateral system were integrated into the multiple retail tenant fit-outs.

35 Schools Term Contract with the NYC School Construction Authority

GMS has 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.

85 Broad Street – New York, NY

GMS provided structural engineering design and detailing in conjunction with new switchgear, conduit and bus duct locations for new electrical service after damage from hurricane Sandy.

Quinnipiac University Field House – Hamden, CT

Schematic studies for a new field house including some schemes with roof-supported fields. The Client preferred the design with 240 foot clear span curved steel trusses.

GM Building – New York, NY

Multiple projects for both the landlord and tenants since 2003, including: Structural design for the reconstruction of the Plaza and concourse at 5th Avenue and for a two story addition at Madison Avenue to accommodate increase usable retail space.

Interior renovations for subcellar, concourse, ground, 4th, 5th, 7th, 8th, 14, 15, 16, 17, 18, 19, 20, 21, 44, 46, 48, and 50th floors. Renovations to the roof and facades.

285 Madison Avenue - New York, NY

Since 2012 GMS has provided structural engineering services for the owner/landlord to reposition this historic, pre-war, office building and create high-quality contemporary office space with a new distinctive entry and strong building identity. Our work in the lobby included column removal, extending elevator shafts and new rooftop amenities. GMS has also engineered multiple commercial interiors projects, including tenant fit-out, new mechanical systems and infrastructure, upgrades to common areas and reconfigured cores.

30 Schools – Five Boroughs, New York City

GMS has teamed with Susan Doban Architect for 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.

IS 201K – Brooklyn, NY

GMS is providing structural engineering for this Intermediate School as part of the NYCSCA's Capital Improvement Contracts. 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.

315 Hudson Street, Green Roof – New York, NY

GMS provided Structural Engineering Services for the redevelopment of this this 10 story, former printing building in Tribeca. Work includes lobby renovations and green roof and terrace.

PS 154K

Building renovations as part of the NYCSCA's Capital Improvement Contracts. Structural analysis and design for new exterior walls, beams and girders.

BNY Mellon – 101, Barclay Street, New York, NY

GMS provided Structural Engineering Services to upgrade the telecommunications systems and create new trading floors. Additional projects included reinforcing for tenant amenities, including a gym, atrium, upgraded lobby and hi-density file storage.

12-14 Warren Street, New York, NY

GMS provided Structural Engineering Services to this 13 story 50,000sf, ultra-luxury residential concrete building with a green roof system in Tribeca. GMS is providing the demolition/sequence drawings to keep portions of the existing five story building.

522 Fifth Avenue – New York, NY

GMS provided Structural Engineering Services for the redevelopment of this this 23 story building in midtown Manhattan. Work included new facades, storefronts, MEP upgrades and multiple tenant fit-outs.

Lenox Hill Hospital – New York, NY

Since the mid 1990's, GMS has provided structural engineering services to Lenox Hill Hospital for a wide range of projects to improve both their main Upper East Side campus and at their extension clinic - MEETH (Manhattan Eye, Ear & Throat Hospital). Structural designs have been performed for general building construction, infrastructure upgrades and the support of new medical equipment, as well as various structural feasibility studies.

Horizon Blue Cross Blue Shield – Newark, NJ

Restack of a 16-story, 400,000 square foot office building for Horizon. The restack included the consolidation of Horizon's space to the lower half of the building and remaining space to be leased to outside tenants. The structural scope included high density file rooms, new HVAC equipment support at roof, floor and roof openings for ducts and IT, moveable partitions, and a new food service area. Post Hurricane Sandy, GMS designed a complete roof replacement due to extensive damage.

Woolworth Building – New York, NY

Conversion of the upper portion (30th Floor-60th Floor) of the existing landmark structure to residential apartments. Two new high rise elevators from the subcellar to 51st Floor, new floor openings, concrete pit structures at sub subcellar and machine room, pickup framing at 51st to 53rd Floor. New exit stair structures between 30th and 53rd Floor, new floor openings and new/reinforced framing. Two new penthouses at the 30th Floor, new canopy structure at the ground floor for condominium entrance. Also, refurbished the lower levels for restaurants, health club and retail space as well as the intermediate levels for office tenants.

TD Bank – New York, NY

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

Southern Connecticut State University Science Center – New Haven, CT

This new 98,000 square foot academic laboratory building is currently in the design development phase. Budget \$50M.

Citibank N.A. – Various Locations in PA, NJ, NY, CT, MA

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

Virgin Hotel 1227 Broadway – New York, NY

The new US flagship Virgin Hotel is planned to reach 478 feet above the curb, encompassing 440,000 sf over 38 stories and providing 460 rooms. The five story

podium and lower levels will house conference space, hotel amenities and 100,000 sf of retail area, with two large terraces on the third floor. This project occupies the full block between 29th and 30th Streets along Broadway in NoMad (north of Madison Square), Manhattan. Currently in construction, the project is adjacent to the subway lines running along Broadway, so approval of the MTA Office of Outside Services was required to obtain building permits. Completion is expected in 2019.

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 57th 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.

ULMA FORMWORKS, INC
PROJECT ENGINEER

2012 to 2013

APIA XXI & APIA XXI AEC
STRUCTURAL ENGINEER

2010 to 2012