EDUCATION

ETSI CAMINOS, CANALES, Y PUERTOS Madrid, Spain
Master's Degree in Civil Engineering 2016

ETSI CAMINOS, CANALES, Y PUERTOS Madrid, Spain
Bachelor's Degree in Civil Engineering 2014

PROFESSIONAL ASSOCIATIONS

Registered Professional Engineer in New Jersey
Registered Civil Engineer in Spain
American Society of Civil Engineers (ASCE) 7-28, Loads on Temporary Structures Subcommittee, Associate Member
American Society of Civil Engineers (ASCE) 7-28, Balloteer on the Load Combinations Subcommittee, Associate Member

EXPERIENCE

GILSANZ MURRAY STEFICEK **New York, NY**
ASSOCIATE June 2022 to Present
STRUCTURAL ENGINEER September 2016 to March 2018

London Jewelers – Manhasset, NY
GMS provided structural engineering services to create an unobstructed retail space of 3,700 sf for Long Island's premier jeweler in the Americana Manhasset Mall. Our design included planning for the contractor's sequencing to install new long-span structural steel transfer beams and enabled the subsequent removal of two existing interior columns which supported the roof. We also designed two new posts to support the new glass storefront.

Close coordination with the steel fabricator and direct engineering observation of the installation ensured a successful project.

59 Maiden Lane – New York, NY
GMS is providing building envelope services for the façade restoration and over-cladding at 59 Maiden Lane. The property consists of three building components: Legacy, Tower, and Core. The 1929 Legacy building is an 18-story limestone faced structure on the northeast corner of the lot. The 630' Tower and Core components were constructed in 1965 and feature a bi-color masonry veneer.

The façade restoration effort consists of a full inspection of the existing exterior wall as well as a facade repair and shoring program for each of the Legacy, Tower, and Core components. A new façade will be installed in front of the existing one, anchored into the original structure. This approach minimizes disruption to the current façade and allows the building to remain fully occupied during construction. The over-cladding scope will cover the Tower's original brick masonry veneer in a metal and porcelain panelized rain screen system, with minimal demolition to the existing façade. This also includes a full window replacement on all three 59 Maiden Lane buildings, while improving the Tower's energy performance to meet current energy codes.

120 Park Avenue – New York, NY
GMS provided tructural engineering and building envelope services for the redevelopment and expansion at the former headquarters of Philip Morris. The 26-story, 630,000 sf class A office building with direct access to Grand Central Terminal sits above 4 sub-concourse levels designed around the existing subway and Metro North tunnels. The structure is steel frame, concrete slab on metal deck with braces and moment frames as well as stacked elevators.

680 Fifth Avenue - New York, NY
GMS provided structural engineering for the redevelopment at this 27-story building in midtown. The project involves new façade up to the 4th floor, converting existing roofs to occupiable terraces a new building entry on 54th Street and enlarged windows.

22-43 Jackson Avenue - Long Island City, NY
GMS provided structural services for this new mixed-use, residential apartment building of eleven (11) stories totaling 120,000 gsf in the Long Island City section in Queens. Approval by NYC Transit Authority was required, due to subway running below Jackson Avenue. Completed May 2021.

11 Bond Street/348 Lafayette Street - New York, NY
11 Bond Street is a five-story building on the corner of Bond and Lafayette Streets, with 16,410 sf of space over four stories, a roof terrace and a basement. GMS provided structural engineering services for this landmarked property, including the expansion of the existing partial fourth floor to cover 3,200 sf building footprint. This project was completed in 2019.

Virgin Hotel – New York, NY
The new US flagship Virgin Hotel reaches 478 feet above the curb, encompassing 440,000 sf over 38 stories and providing 460 rooms. The five-story podium and lower levels houses conference space, hotel amenities and 90,000 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 Manhattan. GMS provided structural engineering and special inspection services. 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. Completed in 2022.

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 sf. 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.

12 Warren Street – New York, New York
GMS provided structural engineering services for the renovation and addition of eight stories above the existing five story building to create a 50,000 sf, 13-story, ultra-luxury residential concrete building with a green roof system and a unique bluestone façade in Tribeca. GMS also provided the demolition/sequence drawings to keep portions of the existing five-story building.

130 William Street - New York, NY
GMS was retained to provide building envelope consulting services for the new luxury residential condominium in the financial district of lower Manhattan. The GMS Structural team worked on the peer review of the structure. The building will be a nominal 60 story tower. Project was completed in 2021.

Bowlero – Various Locations
GMS has provided structural engineering services for Bowlero at sixteen locations across the country since 2017. Work includes redevelopment of existing properties for the bowling centers new interior fit-out as well as supports for architectural details. GMS has assisted with new Bowlero centers in New York, New Jersey, California, Georgia, Florida, Virginia and Massachusetts.

Peer Review:
3 Hudson Boulevard

FHECOR CONSULTING ENGINEERS SA
STRUCTURAL ENGINEER March 2018 to May 2022
INTERN July 2014 to April 2015