

Virginia Diaz has worked on a variety of projects at GMS including hospitals, retail, banks, and interior fit-outs. Some of her most recent projects include the 9/11 Tribute Center in Lower Manhattan, the Louis Vuitton retail location at 1 West 57th Street, the new Gensler offices in the Theater District, and the 2,500 square foot Microsoft Pop-Up at 1540 Broadway. Ms. Diaz is a Professional Engineer licensed in California.

Ms. Diaz participated on the GEER/ATC post-disaster investigative team, traveling to Ecuador in April 2016, to investigate earthquake preparedness and recovery as well as seismic code issues.

Prior to joining GMS, she worked on several high rise and large-scale projects in Argentina including the design of Faena Aleph in Buenos Aires, the first Foster & Partners completed project in Latin America.

<b><u>EDUCATION</u></b>	<b>UNIVERSITY OF BUENOS AIRES</b> Master Degree in Civil Engineering	Buenos Aires, Argentina 2008
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<b><u>LICENSES</u></b>	Registered Professional Engineer in New York, California and Argentina.
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<b><u>PROFESSIONAL ASSOCIATIONS</u></b>	Member, Structural Engineers Association of New York (SEAoNY) Member, American Society of Civil Engineers (ASCE) ASCE 7-22, Seismic Subcommittee Task Committee TC-8, Voting Member GEER/ATC Post-Earthquake Reconnaissance Team to Ecuador in April 2016.
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<b><u>EXPERIENCE</u></b>	<b>GILSANZ MURRAY STEFICEK</b> ASSOCIATE PARTNER	<b>March 2011 to Present</b>
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**460 West 34<sup>th</sup> Street – New York, NY**

GMS provided structural engineering services for the redevelopment of this 638,000 sf loft building near Hudson Yards, NYC's hottest real estate neighborhood, to create high-end office space with exceptional tenant amenities. The project includes a new glass lobby box with industrial-style windows on the West 33rd Street side of the property, new elevators, a new roof deck and lounge and double-height storefronts.

**Confidential Social Media and Tech Company - 770 Broadway, New York, NY**

GMS provided structural engineering for the fit-out of this Tech Company's offices spanning over 300,000 square feet on several floors within this landmark building in Manhattan. Our work included new stair openings, review and supports for a new server and food service area on the 12th floor, supports for MEP equipment, and review of new public assembly spaces. The project also included a new lobby and entrance dedicated to this company consisting of double height spaces and supports for a new canopy.

**Confidential Financial Services Firm - 55 Hudson Yards, New York, NY**

GMS provided structural engineering services for the corporate fit out of a large Financial Firm in one of Manhattan's newest skyscrapers in Hudson Yards. The new headquarters span over eight floors and totals approximately 260,000 sf. The structural highlights for the project include the design for a number of unique interconnecting stairs to link the floors, a central amenity floor with a wraparound

terrace and numerous public assembly areas. At the 10th floor roof setback, GMS designed the support of a cubic all-glass bulkhead that houses a multi-story elevator and staircase connecting the terrace to the lower trading floors. On the setback roof terrace, GMS assisted with the support of specialized landscaping, planters and large scale art pieces.

#### **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 fitout 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.

#### **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.

#### **9/11 Tribute Center, 88 Greenwich Street, New York, NY**

GMS provided structural design services for this 40,000 square foot gallery fit-out to relocate the 9/11 Tribute Center. Services included designing structural supports for a new 2-story elevator, two new stairs, infill of existing stair openings as well as reinforcement of floor framing for Public Assembly live loads. Design also included support for permanent art installations and exhibits. The center will serve as an educational and inspirational space for visitors.

#### **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 Branches – Various Locations**

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.

#### **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.

**Microsoft Pop-Up – New York, NY**

GMS provided structural engineering services for the renovation of the storefront, exterior signage, light supports, ceiling, and MEP equipment to create the new 2,500 sf pop-up shop, which coincided with the launch of the Windows Surface tablet.

**Tavern on the Green – New York, NY**

GMS provided structural engineering services for the evaluation of the existing structure for new loads resulting from new mezzanines and mechanical equipment, modifications to the existing framed floors for new openings. In the exterior courtyard we designed footings and ballast for the proposed new awning and tent structures, and the repair/reinforcing of the existing floors due to deterioration and changes in loads.

**Louis Vuitton – 1 East 57<sup>th</sup> Street, New York, NY**

Louis Vuitton's store at 1 East 57th Street has a brand new look. The Fifth Avenue entrance lobby of this flagship location has been expanded, and features a new canopy along with full-height showcase windows. The previous "wonder wall" has been reclad with stone clad aluminum honeycomb panel assemblies with integral light pockets and display vitrines.

**Louis Vuitton Manhasset**

GMS provided structural engineering services for the renovation of a 7718 sf. retail space and worked with the fabricator to provide engineering calculations for the new glass storefront and display windows.

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

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). We have provide structural consulting and design for feasibility studies, general building construction, infrastructure upgrades and the support of new medical equipment.

**BNYM – 101 Barclay Street, New York, NY**

The project includes the renovation of both the 3rd and the 4th floors to accommodate new trading floors and space for management, administration and support functions. The goal of the renovation is to accommodate approximately 500 trading positions on the east side (3E & 4E) of the two floors with an additional 300 total support positions on the west sides of the floor (3W & 4W). All areas will be complimented with support spaces and areas of accessory use.

**Jose Norberto Galay & Asociados**  
STRUCTURAL ENGINEER

**2007 to 2011**

**El Aleph – Foster + Partners - Buenos Aires, Argentina**

New 3.3 million square foot mixed use project, including one sixty-story office tower, one forty-eight-story tower, and a five-story retail complex with an atrium.

**Art Maria - Buenos Aires, Argentina**

Structural design of 850,000 SF of new residential building, including two 22-story towers, one 5-story office building and subterranean parking. The towers are linked on the top by a bridge where the swimming pool of the complex was located.

**La usina del Arte - Buenos Aires, Argentina**

Transformation of an abandoned red brick electric factory to be home to the Buenos Aires' Philharmonic and National Symphony Orchestras. Structures amount to a site total of 15,000 m<sup>2</sup>, with two annexes separated by a small street. A new concrete structure for the new symphony concert hall with a capacity of 1,200 seats, a 400-seat capacity smaller concert hall, a rehearsal room for up to 250 performers, a restaurant area and a shop were placed inside the existing main building. The existing structure was restored to achieve the perfect sound inside the auditorium.

**Awwa – Libertador 2337- Buenos Aires, Argentina**

Structural design of 173,000 SF of new residential building, including a 17 story tower and a subterranean parking. A swimming pool was placed on the rooftop.

**Consultores técnicos y asociados S.A.****2006 to 2007**

JUNIOR STRUCTURAL ENGINEER

**Dolce Vita Coruña Mall – La Coruña, Spain**

New 2.8 million square foot mixed use shopping center.

**PRESENTATIONS** GEER-ATC Ecuador Reconnaissance: Liquefaction and Geotechnical Aspects of the Ecuador Earthquake of April 16. 2-16, R. Gilsanz, V. Diaz, Structures Congress, Denver, CO, April 6-8, 2017.

GEER-ATC Mw7.8 ECUADOR 4/16/16 EARTHQUAKE RECONNAISSANCE Structural Observations, Virginia Diaz, 16th World Conference on Earthquake Engineering, January 9-13, 2017, Santiago, Chile.

GEER-ATC Ecuador Reconnaissance: Liquefaction and Geotechnical Aspects of the Ecuador Earthquake of April 16. 2-16, R. Gilsanz, V. Diaz, International Conference on Natural Hazards & Infrastructure, Chania, Greece, June 28-30, 2016

101 Broadway – New York, NY  
BNY Mellon Brookfield Place at 225 Liberty  
Saint Laurent 57<sup>th</sup> Street