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| <u>EDUCATION</u> | Massachusetts Institute of Technology Masters of Engineering in Civil Engineering | Cambridge, Massachusetts 2014 |
| | Brown University Bachelors of Science in Civil Engineering | Providence, Rhode Island 2013 |
| <u>LICENSES</u> | Registered Professional Engineer in California ACI Concrete Field Testing, Technician Grade 1 ICC Reinforced Concrete Special Inspector ICC Structural Steel – Bolting Special Inspector ICC Structural Welding Special Inspector OSHA 10-Hour Safety & Health Certificate NYC DOB 4-Hour Supported Scaffolding Certificate | |
| <u>PROFESSIONAL ASSOCIATIONS</u> | Member, Structural Engineers Association of New York (SEAoNY) Member, American Concrete Institute Subcommittee 318-R Structural Concrete Building Code | |
| <u>EXPERIENCE</u> | GILSANZ MURRAY STEFICEK ASSOCIATE | August 2014 to Present |
| | Tangram Two Fulton Square – Flushing, NY This 1,403,500 square foot mixed-use development located at Prince Street and 39th Avenue in Flushing, New York (one block north of the One Fulton Square), will include four buildings above three levels of below grade parking. | |
| | Virgin Hotel - Broadway Hotel – New York, NY The new US flagship Virgin Hotel is planned to be 440,000 sf over 38 stories providing 460 rooms. The five story podium and lower levels will house conference space, hotel amenities and 80,000 sf of retail area, with two large terraces on the third floor. This project will occupy the full block between 29 th and 30 th Streets along Broadway in NoMad (north of Madison Square), Manhattan. | |
| | 68-74 Trinity Place – New York, NY GMS is serving as the structural engineer for this new 400 foot tall, 325,000 square foot building with 32 floors and two basement levels, as well as mechanical and penthouse levels. The upper portion of the building will consist of offices. The lower portion (podium) of the building will contain the church’s program area. The Trinity Street façade will contain the bridge entrance 21’-6” above the ground floor level. The base of the building will contain specialty spaces including TV production, meeting rooms, libraries, music practice rooms, loading dock, food service areas, conference centers, class rooms and offices. | |
| | Center for Development Economics - Williams College, Williamstown, MA GMS provided structural engineering services for a new timber framed, two story residence hall which houses 28 individual master's degree candidates. The new hall is | |

adjacent to historic St. Anthony Hall, and is the first Net Zero Energy building on the Williams campus. It incorporates geothermal wells and rooftop solar panels.

Times Square Retail – New York, NY

GMS structural engineers worked with the landlord to convert the this large retail space back to “white box” condition and improve the space by extending the basement and prior to demising the area into smaller stores. Currently, we are serving the “sister” tenants for a new 51,000 sf flagship and a new 52,000 sf flagship within the block long building. The fast-track schedule and complicated coordination issues require the extensive participation of GMS in all aspects of the design and construction.

425 Park Avenue Peer Review – New York, NY

Performed two structural engineering reviews, one for the foundation and one for the superstructure, for a new 41-story office tower to confirm compliance with the structural requirements of the New York City Building Code. The tower will utilize approximately 25% of the existing structure including, retaining and reusing the existing below grade columns and foundation footings.

1411 Broadway – New York, NY

GMS served as the waterproofing consultant and structural engineer for the plaza refurbishment, façade consulting, window washing and lobby upgrade project.

1460 Broadway – New York, NY

Full scale redevelopment of existing 17-story 215,000 square foot building in Times Square. The \$25 Million project will transform the property into a Class-A office building with high-end retail. GMS provided structural engineering services for this transformative project including partial removal of second and third floors to create high ceilings in the retail space, reinforcement of the building lateral system, support for upgraded elevators, new lobby, canopy, storefront, support of new MEP systems including new cooling towers, generator and house tank and support of new LED signage billboards and sign-bands.

SGI Queens Buddhist Center – Long Island City, NY 2018

GMS is providing structural engineering and special inspection services for a new 3-story community center, approximately 15,000 sf, at 40-40 24th Street in Long Island City. The steel framed building will include a partial cellar and a garden at the 2nd floor level. Amenities will include a religious assembly space with stage, bookstore, lounge/pantry and various meeting rooms. In addition to the structural design, GMS provided site, vibration and crack monitoring services as well as a preconstruction survey of the site.

Confidential Investment Management Firm – New York, NY

GMS is providing structural engineering and special inspection services for this Investment Firm’s new corporate headquarters at 50 Hudson Yards. The 850,000 sf fit-out spans several floors and consists of open workspace floors, private offices,

trading and executive floor, a double-height auditorium, conference center and dining along with food preparation areas. While 50 Hudson Yards is still in under construction, GMS is providing base building oversight required to support the fit-out program. Project completion is anticipated by 2022.

The Grace Building – New York, NY

Since 2005, GMS has provided structural engineering and façade consulting services for Brookfield Properties and their tenants at this 50 story, 1960’s iconic building in Midtown Manhattan. GMS has provided the Owner with structural engineering to support the improvement of various building infrastructure systems. We have also provided tenant renovations for various office floor reconfigurations, as well as renovations of the retail spaces and an expansion of the loading dock. GMS acts as the building engineer and is currently performing the NYC mandated Façade Inspection Safety Program inspections on the travertine / glass curtain wall. Previously we have participated in the design and execution of the restoration of the façade including cleaning of the travertine and replacement of the gutter roofs.

330 West 42nd Street – Redevelopment

The project is the redevelopment of this approximately 586,000 sf, 35-story, landmarked building. Construction documents will be issued in December 2020 and substantial completing of construction is anticipated to be in the fall of 2021. Key features will include new MEP infrastructure and a renovated lobby, amenities and tenant floors.

City Club Hotel – New York, NY

GMS served as the structural engineer for the gut renovation and restoration of this former private club into a hotel. The design in 1999 included the reinforcing of the existing columns, new columns, new foundations and a new lateral load resisting system to accommodate the future addition of up to 10 new floors. We are currently designing the addition.

Affordable Housing Renovations – Morningside Heights, NY

GMS Served as the structural engineer for the renovation of a cluster of 6 affordable housing buildings in Morningside Heights. The buildings each contain between 8 and 24 residential units. The renovations included leveling of existing wood framed floors, repair of floor joists and masonry walls, ramps and elevators to improve accessibility, and structural support for the upgrade of building mechanical units.

PUBLICATIONS

History And Technology Of The Timber Structures Of Lemuel Chenoweth From “Fifth International Congress on Construction History Palmer House Hilton Hotel Chicago, IL 3-7 June 2015”, Daniel R. Gleave, John A. Ochsendorf, and Emory Kemp