
<u>EDUCATION</u>	UNIVERSITY OF MICHIGAN Bachelor of Science in Architecture	Ann Arbor, MI 1973
<u>LICENSES</u>	Registered Professional Architect in Michigan and New York	
<u>PROFESSIONAL ASSOCIATIONS</u>	Member, NCARB Member, International Institute of Building Enclosure Consultants	
<u>EXPERIENCE</u>	GILSANZ MURRAY STEFICEK PARTNER	July 1999 to February 2020
	550 Washington, New York, NY GMS was retained to provide Building Envelope Consulting Services for the redevelopment of the southern part of the St. John’s Terminal located at the West Side Highway on Manhattan’s west side into an office building. The existing structure will grow to 1.3 million square feet, with an expansion from 4 to 12 stories. This will include commercial office tenant area, retail space, ground floor event program space and parking spaces. GMS will assist with the design, detailing and specifying of the facades and roof/terraces of the building.	
	520 West 28th Street – New York, NY GMS was retained to provide Building Envelope Consulting services for this new 11 story L-shaped residential building located on the west side of Manhattan adjacent to the Highline. The building has 39 residences, automated underground parking and a wide range of amenities including a 2,500 square-foot planted sculpture terrace.	
	122 East 23rd Street – New York, NY GMS is providing exterior envelope consulting services for this new mid-rise residential condominium building to be located at the through block parcel at the corner of Lexington Avenue between 22 nd and 23 rd Street.	
	68-74 Trinity Place – New York, NY GMS is serving as both the structural engineer and building envelope consultant for this new 400 ft. tall, 325,000 square ft. building with 32 floors and two basement levels, as well as mechanical and penthouse levels.	
	76 Eleventh Avenue – New York, NY GMS has been retained to provide building envelope consulting services for two new mixed-use development buildings located at 76 Eleventh Avenue. One tower will be a 28 story “boutique” hotel and the other, a 35 story luxury residential condominium, which will sit atop separate nominal 5 story podiums that will house a combination of occupancies including retail, additional residences, tenant/guest amenities and back-of-house support spaces.	
	61 Ninth Avenue - New York, NY GMS provided façade and roofing consulting services for this new building at 61 Ninth Avenue in the Chelsea district of Manhattan. The building is nine stories tall with two cellar levels. The first three floors house retail tenants and the remaining floors will be office occupancy.	

160 Leroy Street – New York, NY

GMS provided building envelope consulting services for this new residential condominium building on West Street in lower Manhattan along the Hudson River. The building features a curved façade of exposed concrete and large segmented windows.

500 West 21st Street – New York, NY

GMS has been retained to provide façade & waterproofing consulting services for the development of a new 8 story mixed use hotel and residential condominium building located in the Chelsea district of Manhattan at Tenth Avenue and 21st Street, adjacent to the Highline.

100 Eleventh Avenue – New York, NY

GMS was retained as the façade consultant to the owner for this new residential building in Manhattan. Services included developing performance criteria and façade details, vetting contractors and monitoring production activities for the curtain wall.

172 Madison Avenue – New York, NY

GMS provided building envelope consulting services for this new high-rise residential building on Madison Avenue at the corner of East 33rd Street in midtown Manhattan. The building is 33 stories tall with 72 units.

Skybox (188 Eleventh Avenue) – New York, NY

GMS was retained to provide exterior envelope consulting services for this new luxury residential condominium 21 storey tower on a 5 storey base in the Chelsea area in Manhattan.

250 East 57th Street – New York, NY

GMS was retained to provide façade and roofing consulting services for this new 56-story residential building on Manhattan's Upper East Side. In addition to participating in the design and bidding phases, we provided construction phase services as well.

909 Half Street, Washington, D.C.

GMS provided exterior envelope consulting services for this new mid-rise residential building constructed at 909 Half Street in Washington, D.C. The building is thirteen stories tall with three levels of parking below grade. It has retail occupancy on the ground floor and 383 residential units located on floors 2 through 13.

280 Park Avenue – New York, NY

GMS provided structural engineering and building envelope services for a complete restoration of the plaza, roof and façade and the redevelopment of the interior of this nearly full-block address, consisting of two separate buildings connected by a "Link Building".

35 West 15th Street - New York, NY

GMS provided consulting services for the facades and roofing of this new luxury condominium apartment building in the Chelsea district of Manhattan. The complicated geometry of the tower façade is to be executed using a sophisticated unitized curtain wall fabricated in Europe. The podium streetwall is a combination of granite and prismatic windows.

One Jackson Square – 122 Greenwich Avenue, NY

GMS provided structural design and building envelope consulting services for this 11-story, 73,600 square foot luxury residential building with 8,000 square feet of retail space constructed atop the subway tunnels. We assisted in detailing the unique façade that features undulating curtain wall surfaces and worked with DOT to obtain approval.

200 Chambers Street – New York, NY

Services included a comprehensive investigation and repair of the façade in response to problems observed shortly after completion of construction.

10-17 Jackson Avenue – Long Island City, NY

GMS provided façade consulting services for a new 8-story residential condominium. Services included analysis for determining façade wind loading, detail review, shop drawing review as well as site inspection during construction.

1800 Park Avenue – New York, NY

GMS has been retained to provide exterior envelope consulting services for this new high-rise residential building, nominally 32 stories tall, on Park Avenue between 124th and 125th Street in upper Manhattan.

Harborside Plaza VI & VII – Jersey City, NJ

GMS has been retained to provide exterior envelope consulting services for the development of a new structure composed of a base with retail, parking and roof garden, with two 66 story apartment towers as Phase One of a development at Harborside Plaza in Jersey City along the Hudson River.

140 Schermerhorn (71 Smith Street) – Brooklyn, NY

GMS provided façade & roofing consulting services for this 19-story mixed use hotel and residential condominium building located on Smith Street between Schermerhorn and State Streets in Brooklyn.

Lincoln Square Synagogue – New York, NY

GMS was retained to provide façade consulting services for this new Synagogue building under construction approximately five stories.

The Abington (30th Street & 10th Avenue) – New York, NY

GMS was retained to provide façade & waterproofing consulting services for the development of a new residential building of approximately 32 stories that will be located on the west side of Manhattan at West 29th Street. This building is adjacent to the Highline.

150 Charles Street – New York, NY

GMS has been retained to serve as the façade and waterproofing consultant for a new residential condominium tower of approximately 16 stories, built above and within an existing four story warehouse building. The existing building will be used for parking, residential amenity spaces and a reduced number of townhouse (maisonette) residential units; the tower portion of the building will include residential lofts.

Delta Airlines – Jamaica, NY

GMS has been retained to provide Special Inspection Services related to the aluminum and glass curtain wall and glazing as well as site inspections related to the roofing installation at Concourse B, Terminal 4 Expansion at JFK.

681 Fifth Avenue – New York, NY

GMS was retained to provide consulting services regarding the replacement of approximately 190 windows at 681 Fifth Avenue.

575 Fifth Avenue – New York, NY

GMS assisted with the design and detailing of the re-cladding of this building through the completion of construction.

40 Berry Street – Brooklyn, NY

GMS was retained to assist with the detailing of the roofing and above-grade waterproofing as well as to provide construction phase services for this new residential building of approximately seven stories located in Williamsburg, Brooklyn.

2148 Broadway – New York, NY

GMS was retained to provide building envelope services for this new 18-story luxury residential condominium building with 75 units in Manhattan.

785 Eighth Avenue – New York, NY

GMS assisted with the detailing of the aluminum and glass curtain wall of this new residential condominium building. The consultation on this exterior envelope included wind tunnel test analysis, critical for this exceedingly narrow West Side tower as well as site water testing and inspection of the installation of the wall.

350 West Broadway – New York, NY

GMS was retained for consultation on a cost effective window system for this thirteen story residential condominium with retail on Manhattan's west side. The curtain wall system was extensively tested and construction phase services included on-site inspection of the installation of the wall.

166-168 West 18th Street – New York, NY

GMS assisted with the review and testing of this new building's fourteen story curtain wall facade. Site inspection, laboratory testing and manufacturer visits ensured quality control on both the fabrication and installation in this unique façade system.

RPI-Empac – New York, NY

Provide curtain wall consulting services to the Architect of Record for this innovative Media and Performing Arts Center for the Campus of Rensselaer Polytechnic Institute. The building includes a variety of unusual wall types and provides some challenging waterproofing and support issues.

JetBlue, Terminal 5 –Queens, NY

GMS was retained for consultation in façade and roof shop drawings as well as on site water penetration testing for Jet Blue's new JFK terminal.

310 East 53rd Street – New York, NY

GMS was retained by the owner of this new condominium apartment project to perform comprehensive façade consulting services. Services included Energy Code Compliance studies as well as wind pressure analysis. GMS also investigated a penthouse leak in the parapet and designed a strategic waterproofing solution.

Chennai International Airport – Chennai, India

GMS provided façade consulting services during the design phase of this new airport terminal building in India. The façade includes point supported glass on a unique truss support system.

15 Union Square

GMS assisted in certain construction phase activities for this new building and performed professional services for quality assurance purposes.

Mercer 40 – New York, NY

Façade consultant to the architect (Atelier Jean Nouvel) for a new 14-story residential building in Soho.

Fifth on the Park – New York, NY

GMS provided assistance in defining basic wall construction and in establishing the basic details required for the facade system of this new residential building in Manhattan.

Lewis Library – Princeton, NJ

GMS has performed as both façade and roofing consultant on this new iconic library in Princeton's prestigious campus. This unique enclosure required assistance from GMS to review both shop drawings and onsite inspections regarding the façade, roofing and above grade waterproofing.

Midtown – Miami, FL

Provide façade consulting services to the Owner/Developer (Midtown Miami LLC) for five buildings which are to be residential/mixed use condominiums located in Miami, Florida.

340 Madison Avenue – New York, NY

Facade Consultant to Gensler Architects for window replacement and façade overcladding at the newly renovated office building; a major office building restoration project undertaken by the Macklowe Organization.

430 Park Avenue – New York, NY

Exterior Envelope Consultant to the architectural firm of Moed de Armas & Shannon for the restoration of the facade and facade overcladding of an existing office building in Midtown Manhattan.

World Financial Center – New York, NY

Exterior Envelope Consultant to the Owner and General Manager for the restoration of WFC Buildings Tower "A" & "B", "A-B"-Bridge, South Bridge and Winter Garden after September 11, 2001.

Continental Airlines Global Gateway Program – Newark, NJ

Consultant to Continental Airlines on matters related to the design of the facade for their new terminal expansion at Newark International Airport (Skidmore Owings & Merrill LLP, Architects).

New York City Courthouse – 330 Jay Street, Brooklyn, NY

Consultant to Perkins Eastman Architects, PC for the facade design of a new 32-story NYC Courthouse (Caesar Pelli/ HLW Architects).

American Airlines Terminal – JFK, Jamaica, NY

Consultant to DMJM Architects, Engineers & Planners for the facade and roof design of the new American Airlines Terminal at JFK Airport.

Toys “R” Us – 1530 Broadway, New York, NY

Consultant to the architect for the façade and curtain wall of the new Times Square flagship store.

Alvin Ailey American Dance Theater – New York, NY

Façade consultant to the architect (Iu + Bibliowicz Architects LLP) for a new 6-story theater building.

SKIDMORE, OWINGS & MERRILL

March 1978 to July 1999

ASSOCIATE PARTNER

Responsible for the documentation and construction administration of some of the firm’s most successful high-rise curtain wall projects including the following New York City buildings: The Bertelsmann Building, The New York Mercantile Exchange, 2 Broadway, Tower 49, the Shearson American Express ISC at 390 Greenwich Street, Metrotech Center Building “H” (Brooklyn) and Times Square Site One.

Responsible for the detailed review of all exterior wall, waterproofing and roof systems proposed for use on SOM projects. This review includes an evaluation of the system’s constructability and cost effectiveness.

Responsible for the technical quality assurance review of all projects executed by the office and for the professional development and evaluation of all technical staff.

Responsible for training SOM staff on the fundamentals of curtain wall and facade design and for on-going education in all matters of waterproofing and constructability.

SOM’s resident expert on all matters related to the New York City Building Code and Department of Buildings protocol.

Senior Technical Coordinator overseeing the contract document and construction phase effort for numerous projects.

Times Square-Site One – New York, NY

A new 1.2 million square foot, 50-story speculative office tower on 42nd Street and Broadway.

Random House/Related Properties – New York, NY

A new 50-story mixed use office tower at Broadway and 56th Street.

The “New” Columbus Centre Development – New York, NY

2.7 million square feet of new mixed-use development.

JP Morgan Private Banking – New York, NY

200,000 square feet of corporate interior space in Midtown Manhattan.

10 Hanover Square – New York, NY

Extensive renovation of 21-story, 522,000 sq. ft. office building. This 1960s vintage office building in NYC’s Financial District was converted to an apartment building. GMS assisted in modifying the existing curtain wall to receive operable windows. The project also involved new penthouse construction and roofing consultation.

2 Broadway – New York, NY

Conversion of an obsolete class “C” office building in lower Manhattan into 1.6 million square foot of market competitive office space. The project included complete replacement of the existing metal and glass curtain wall.

The New York Mercantile Exchange – New York, NY

Construction of the new trading facility and office building for The New York Mercantile Exchange in lower Manhattan.

Washington Dulles International Airport – Washington, DC

\$250 million expansion of the existing main terminal.

Chase Manhattan Bank – San Juan, PR

90,000 square feet of exterior stone recladding.

Columbus Center – New York, NY

2.3 million square feet of new mixed-use construction in New York City.

Credit Lyonnaise – New York, NY

200,000 square feet of complete interior office building alteration.

180 Allyn Street – Hartford, CT

2 million square feet of new speculative office construction.

1540 Broadway – New York, NY

“The Bertelsmann Building” - a new 46-story speculative office/retail tower.

Weston – Raleigh, NC

A new 500,000 square foot speculative office complex.

Transitional Housing for the Homeless – New York, NY

Eight new dormitory style buildings located throughout the City.

Pratt Institute Dormitory – Brooklyn, NY

A new 8-story dormitory.

Shearson Lehman American Express Information Services Center – New York, NY

1.0 million square feet of new computer operations space.

Tower 49 – New York, NY

A new 45-story speculative office tower in midtown Manhattan.

First Canadian Centre – Calgary, Alberta

A new 37-story office tower for the Bank of Montreal in Calgary, Alberta.

Bally Park Place Casino Hotel – Atlantic City, NJ

One of the first new casinos.

Administration of the Jeddah International Airport – Saudi Arabia

TERRAPATA, MCMAHON & PAULSEN ASSOCIATES January 1977 to March 1978

KRESSBACH & DABBERT ARCHITECTS INC. November 1974 to January 1977

WAH YEE ASSOCIATES, ARCHITECTS & PLANNERS September 1973 to November 1974

PRIVATE PRACTICE

In addition to working with the above noted firms, I have independently designed and prepared working drawings for several single family homes as the architect for a residential developer and as the owner's architect for custom-built homes. Other independent projects include corporate interiors and commercial building renovations. I have also conducted numerous technical evaluations of existing commercial properties on behalf of prospective buyers.

**POSITIONS IN
UNIVERSITIES**

PRATT INSTITUTE OF TECHNOLOGY

Taught Architectural Technology and Detailing
to graduate level architecture students

New York, NY
1985 - 1986

**PRESENTATIONS
PUBLICATIONS
AND JURIES**

Lateral Load Resisting Facades, M. Lopez, C. Bai, J. Blanchfield, D. Kazibwe, R.Gilsanz,
P. Murray, IASS 60th Anniversary Symposium Form and Force 2019, Barcelona, Spain,
7 October 2019.