

In his career with the Building Envelope Consulting group of Gilsanz Murray Steficek, Achim Hermes has specialized in curtain wall and window consulting including involvement in all phases of design and construction. He has worked on a wide range of projects, both new construction and renovation. Among the projects Achim has worked on are residential towers, hospitals, office buildings, courthouse facilities, and airport terminals.

EDUCATION **FACHHOCHSCHULE HAMBURG** Hamburg, Germany
(Advanced College of Technology)
 B.S. in Civil and Structural Engineering February 2000

LICENSES Registered Professional Engineer in New York

PROFESSIONAL ASSOCIATIONS Member, American Council of Engineering Companies (ACEC) Energy Committee

EXPERIENCE **GILSANZ MURRAY STEFICEK** **July 2000 to Present**
 PARTNER

One Madison Avenue – New York, NY

GMS was retained to provide building envelope consulting services and façade restoration for the redevelopment of One Madison Avenue located in New York City. One Madison Avenue is an existing office building initially built as part of the Metropolitan Life Insurance Company’s original campus which includes the iconic MetLife tower. The project will include removing the top 7 floors of the existing 16 story building and adding a new 18 story tower above the 9th floor as well as extensive reconfiguring of the remaining limestone clad podium façade with new curtain wall / window inserts.

23-15 44th Road – Long Island City, NY

GMS is providing building envelope consulting and waterproofing consulting services for this 66-story, 730 feet tall residential tower that sits on a 3-story podium. The project site is located in the Special Mixed Use District of “Northern Hunters Point Waterfront” requiring strict façade sound attenuation requirements for its curtain wall system. The building includes a crown/screen enclosure at the top of the tower and three large skylights at the podium. GMS is assisting in the design, detailing and specifying of the facades, skylights, storm water detention tanks, parking garage waterproofing and roofs of this building.

300 East 50th Street – New York, NY

GMS is providing structural engineering and building envelope consulting services for the development of a new 23-story, 194-unit multi-family building in Midtown East. When completed, the tower will comprise approximately 170,000 sf and include amenities such as a gym, a lounge, landscaped courtyard, and rooftop. The ground floor will serve as retail space.

250 East 83rd Street – New York, NY

GMS is providing building envelope consulting services for this new 31-story residential tower with ground-floor retail space on Manhattan’s Upper East Side. Upon completion, the building is expected to be 370 feet tall and contain 128

residential units. Our scope of work included assisting the architect with the design, detailing, and specification of the façades and roof systems for the project.

The façade consists of precast panels designed to mimic French limestone, with fluted pier detailing, corrugated metal panel accents, and punched windows. For the first 6 stories, the glazing features a bird-strike-deterring UV coating that meets the requirements of Local Law 15 while providing unobstructed views as desired by residents and retail partners. GMS aided the Architect in producing a façade design that is pursuing the NYC *Zone Green* floor area bonus, allowing Ownership to build additional floors.

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 sf, 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.

42-02 Orchard Street – Long Island City, NY

GMS is providing building envelope consulting services for a new 69-story, 811-foot-tall residential skyscraper with retail and amenities in Long Island City. The project also includes a 2-story garage with a landscaped roof deck and the garage with tower occupy one full city block. The buildings' podium is masonry with curtain wall and the tower is window wall. The tower is adorned with a crown/screen enclosure at the top. Architecturally, the building is composed of several grids which is incorporated in the design of the façade. GMS is assisting in the design, detailing, specifying and special inspections of the facades including masonry, curtain wall, window wall, below-grade waterproofing, and roofing along with energy code compliance.

Lantern House – 515 West 18th Street, New York, NY

GMS provided Building Envelope Consulting Services for the new luxury residential condominium located at 515 West 18th Street contiguous to the "Highline" on the west side of Manhattan. 515 West 18th Street is part of a two-tower development that links underneath the "Highline."

46 Crown Street – Brooklyn, NY

GMS was retained to provide building envelope consulting services for a new mixed-use residential development located at 46 Crown Street in Brooklyn. This new building complex will consist of two towers at 16 and 17 stories tall with a shared cellar. The north tower will have a residential lobby, retail space, amenities and a community facility on the ground floor with 424 rental apartments located on floors 2 – 17. The south tower (building 2) will have amenities space, a residential lobby and the parking garage entrance at the ground floor and 144 rental apartments on floors 2 – 16.

Manhattan Temple – 125 Columbus Avenue, New York, NY

GMS provided façade recladding and renovation of the entirety of the temple structure. The project also included new rooftop equipment, new floor openings, new

baptismal font, statue supports and new 100 foot tall steel spire. The building was built in 1975, with major renovations to the Temple and Meetinghouse spaces in 2004 and 2007.

The building consists of a six-story, approximately 356,000 sf, 'Temple Structure' and a 36-story 'Residential Structure'. Uses within both buildings include the Temple, the Meetinghouse, the American Folk Art Museum, a residential tower and associated amenity/support spaces, subsurface parking garage, and retail storefronts.

One Journal Square – Jersey City, NJ

GMS is providing building envelope consulting services for the development of two 52-story residential towers in the center of Journal Square in Jersey City, NJ. The two towers will sit on top of a 10-story podium. The building facades for podium and towers will be a unitized aluminum and glass curtain wall.

80 Adams Street (aka 98 Front Street) – Brooklyn, NY

GMS was retained to provide façade and roofing consulting services for the new mixed-use residential condominium building at 80 Adams Street aka 74 Adams Street in the Dumbo Historic District in Brooklyn.

11 Hoyt Street – Brooklyn, New York

GMS was retained to provide Building Envelope Consulting Services for the development of a new condominium residential development at 11 Hoyt Street in Brooklyn. The building will consist of a 57-story tower with one cellar level below grade, and a green roof above a two-story podium.

85 Jay Street – Brooklyn, NY

GMS was retained to provide building envelope consulting services for this full city block, mixed use, retail, rental and condominium building in Dumbo bounded by Jay Street, Front Street, Bridget Street and York Street. The building consists of an 8 story podium enclosing a landscaped court yard with two towers at two opposite corners that rise to an additional 15 stories for a total height of 23 stories. The facades of the building include punched windows surrounded by brick and a scalloped GFRC super frame.

Brooklyn Point (City Point Tower 3) – Brooklyn, NY

GMS was retained to provide building envelope consulting services for this new KPF designed 63-story luxury residential condominium building development in Downtown Brooklyn. The tower will contain 458 residences and is currently Brooklyn's tallest building.

4720 Third Avenue – Bronx, NY

GMS was retained to provide building envelope consulting services for a new mixed-use commercial and residential building at 4720 Third Avenue in the Bronx. The building will be approximately 260,000 sf and nominally nine stories tall.

Marymount School – New York, NY

GMS was retained to provide Building Envelope Consulting Services for the development of a new 10 story building at 115 East 97th Street in New York City. The

building will include architecturally significant spaces enhancing the academic and extracurricular program offered to Marymount students. It will roughly have 100,000 square feet of exterior wall area.

76 Eleventh Avenue – New York, NY

GMS was retained to provide building envelope consulting services for these two tower mixed-use development buildings located at 76 Eleventh Avenue. The 28-story and 35-story buildings include luxury residential condominiums and a hotel, which will sit atop separate nominal five-story podiums that will house a combination of occupancies including retail, additional residences, tenant/guest amenities and back-of-house support spaces.

520 West 28th Street – New York, NY

This new condominium project near the Highline, designed by Zaha Hadid, has 39 residences, automated underground parking and a wide range of amenities including a 2,500-square-foot planted sculpture terrace. The GMS Building Envelope team assisted the Architects with the façade and waterproofing.

Enclave at the Cathedral – New York, NY

GMS provided façade consulting and waterproofing services related to development of this new residential building on the grounds of the Cathedral of St. John the Divine. The project consists of two nominal 15-story towers on a raised plaza level.

111 Murray Street – New York, NY

GMS was retained to provide Exterior Envelope Consulting Services for this KPF designed new luxury high-rise residential condominium tower consisting of a 58 stories rising 1000 feet above the plaza at grade at the corner of Murray and West Streets in Lower Manhattan.

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 building was designed by Adjaye Associates and is 60 stories high.

Citizen M – Bowery Hotel – New York, NY

Building envelope consulting and design services for a new 18-story modular hotel with a rooftop bar and lounge. Modules have been fabricated in Europe and shipped to the US. The project was completed in 2018.

Pierhouse at Brooklyn Bridge Park – Brooklyn, NY

GMS provided building envelope consulting for this 620,000 sf mixed-use hotel and condominium complex located on Pier 1 in Brooklyn Bridge Park. The complex consists of two buildings with one ten (10) stories and the other six (6) stories tall.

19 East Houston Street – New York, NY

GMS was retained to provide Building Envelope consulting services for a new, nominal six storey mixed use building housing retail space at the lower three floors and office space at the upper three floors.

POD Hotel (626 Driggs Avenue) – Brooklyn, NY

GMS provided façade consulting services for this new mixed-use hotel and commercial development located in Williamsburg, Brooklyn. The project consisted of a combination of conventional build and modular construction.

Edge II - 2 North 6th Place – Brooklyn, NY

GMS was retained to provide structural peer review and building envelope consulting services for this new residential building of approximately forty (40) stories with one level below grade in the Williamsburg section in Brooklyn. The building is a rental residential property with approximately 568 units.

50-01 2nd Street – Queens, NY

GMS provided consulting services for the facades and roofing of this new luxury rental building in Long Island City, Queens. The facades consist of exposed structural concrete columns and spandrels with infill of conventional window wall.

1 North 4th Place – Brooklyn, NY

GMS was retained to provide building envelope consulting services for this new residential building of forty-one (41) stories with one level below grade in the Williamsburg section in Brooklyn. The building is a rental residential property with approximately 500 units.

150 Charles Street – New York, NY

This luxury residential building between Charles Street and West 10th Street, overlooking the West Side waterfront, encompasses an acre lot, with approximately 300,000 sf of residential space, and incorporates the abandoned Whitehall Warehouse into the development. Over 30,000 sf of landscaped courtyards, green roofs and planted terraces are integrated throughout the complex. The building was completed in 2015 and achieved LEED gold certification.

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.

JetBlue T5, JFK Airport – Jamaica, NY

Exterior Envelope Consultant to Gensler Architects for the curtain wall and roofing at the new JetBlue Airways Terminal 5, JFK Airport.

Riu Hotel – Times Square – New York, NY

GMS provided façade consulting for this new mixed-use hotel and residential complex, with some retail, located on Eighth Avenue at 46th Street in Manhattan's Theatre District.

350 West Broadway – New York, NY

GMS was retained for consultation on a cost effective window system for this 13-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.

1120 Avenue of the Americas – The Hippodrome, New York, NY

Renovation entry lobby and re-cladding of the exterior elevations of an existing office building. The project also included an upgrade of the mechanical systems.

510 Madison Avenue – New York, NY

Exterior Envelope Consultant to architect for the curtain wall and roofing for a new 30-story, 300,000 sf office building with ground level retail, health club and other amenities. The project is pursuing LEED Gold Certification.

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.

One Jackson Square – 122 Greenwich Avenue, NY

GMS provided structural design and building envelope consulting services for this 11-story, 73,600 sf luxury residential building with 8,000 sf 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.

37 Warren Street – New York, NY

GMS provided façade and roofing consulting services for the renovation and addition at 37 Warren Street in Tribeca. This involved the conversion of a 45,000 sf office space into a luxury residential loft condominium including four new levels at the top of the building going from a seven-story building to 11 stories.

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 six-story theater building.

40 Mercer – New York, NY

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

Playwrights Horizons – New York, NY

Façade consultant to the architect (Mitchell Kurtz Architect) for a new five-story theater building.

Muhammad Ali Center – Louisville, KY

Façade consultant to the architect (Beyer Blinder Belle) for a new six-story building.

OCME Forensic Laboratory at Bellevue Hospital – New York, NY

Façade consultant to the architect (Perkins Eastman Architects, PC) for a new 15-story building.

598 Madison Avenue – New York, NY

Façade restoration consultant to the architect (Gary E. Handel & Associates) for a 15-story office building.

610 Broadway – New York, NY

Façade consultant to the architect (Studios Architecture) for a new seven-story office building.

Abraham Heschel School – New York, NY

Façade consultant to the architect (Helpern Architects) for a seven-story school building.

1 West 67th Street – New York, NY

Alteration of penthouse at prestigious Central Park West building.

Cantor Fitzgerald Headquarters – New York, NY

Exterior envelope consultant to the architect (Michael C.F. Chan and Associates) for the former Bradley’s Department Store at Union Square to the new headquarters of Cantor Fitzgerald.

United Airlines Terminal – Newark, NJ

GMS provided consulting services to Continental Airlines, now United, on matters related to the design of the facade for their terminal expansion at Newark International Airport. This effort included shop drawing review, mock-up testing and field observation of the work over a two year period.

Waterfront Corporate Center – Block A, Hoboken, New Jersey

Energy code compliance study for a new 13-story office building.

217 Broadway – New York, NY

Façade inspection and restoration.

New York University, Gould Plaza – New York, NY

Renovation of plaza.

VTU GMBH
ENGINEERING INTERN

February 1999 to July 1999

Traffic Engineering – Hamburg Germany

Traffic planning and traffic influencing.

FACHHOCHSCHULE HAMBURG
ENGINEERING STUDENT

October 1999 to January 2000

District Hamburg Eppendorf – Hamburg, Germany

Design of a pedal cyclist traffic concept (final exam work).