



**ST.**

**PETERSBURG**

**PIER**

**RFQ**

**STUDIO V**  
ARCHITECTURE



Empire Stores, Brooklyn, NY

## STUDIO V

September 5, 2014

Dear Members of the St. Petersburg Pier  
Selection Committee:

It is our pleasure to submit our qualifications for your consideration.

Jay Valgora, AIA, AICP, LEED AP founded STUDIO V Architecture in the Spring of 2006. The firm is locally based in New York City and has emerged as one of the foremost architectural and master-planning firms engaged in waterfront design and resiliency, with projects across New York and cities around the world. STUDIO V has very extensive experience working closely and successfully with city agencies and private developers, as well as community groups, institutions, and local elected officials.

Mr. Valgora is the principal of the firm and will be the person in charge, having primary responsibility to perform and supervise the coordination of all Services. The firm practices an intensive, hands-on studio based approach to design with a total of twenty-four dedicated employees. We combine the nimbleness and accountability of a client-driven boutique design firm, with a level of professionalism, resources, and responsiveness that exceeds those of much larger corporate firms.

STUDIO V has assembled a team of extremely talented, creative, and proven consultants to provide the highest level of design services to the City of St. Petersburg. The members of the consultant team, like STUDIO V, have tremendous experience working successfully on waterfront projects with city agencies. They are passionate about their craft and together we can bring creative, thoughtful, and executable solutions to the St. Petersburg Pier.

The STUDIO V Team excels in every element of this RFQ: waterfront and waterbound design, approvals and permitting, adaptive reuse and preservation, iconic yet functional architecture, work with city agencies, and community outreach.

Detailed information about our team, qualifications, and other requested information is presented within the following proposal. Thank you for the opportunity to submit for the proposal.

Sincerely,  
Jay Valgora, AIA, AICP, LEED AP  
Principal

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**DESIGN  
APPROACH**



# PROJECT UNDERSTANDING

The St. Petersburg Pier is a beloved neighborhood asset that calls for a breath of new life. After attempts of redesign and extensive evaluation among community members and stakeholders, the St. Pete's Pier requires a visionary design that is not only creative and flexible, but functional.

Dating back to 1889, when it was created as a railway-accessible sightseeing and recreational destination, the St. Petersburg Pier was always been a place of excitement, gathering, access, and maritime activity. In 2004, however, the community recognized the Pier's need to be updated – structurally, programmatically, and culturally. For the past ten years since then, stakeholders have been collaborating to find the highest and best use for St. Pete's next 75 years.

The Pier Working Group (PWG), formed in 2014, has laid out the background information, construction guidelines, and programmatic requirements for the Pier as a reflection of requests and suggestions made by the community. While the St. Petersburg Pier will become a new global destination, it is first and foremost a neighborhood asset that will emulate the needs and desires of St. Petersburg residents.



## FUNCTION

Our vision for the St. Petersburg Pier creates iconic architecture and mixed-use programming within a fresh, comprehensive waterfront plan that integrates new design with upland assets. A newly formed open space network will welcome excited residents and newcomers from the water and upland, with the new pier architecture as its center. A dynamic combination of dining, recreational, maritime, boating, and retail programming will invite visitors to explore the beautiful views, engaging pedestrian paths, and educational resources available on the new St. Pete's.

STUDIO V's design for the pier will honor the rich history of the Florida waterfront while introducing a new landmark that will put the community back on the map. The new St. Petersburg Pier will become a global, national, and local gem once more.

A phenomenal design for the St. Petersburg Pier is only valuable if it is deliverable within budget, time, and context constraints. STUDIO V has the proven ability to assemble quality consultant teams and perform on complex projects from design through to completion in a highly responsive manner.

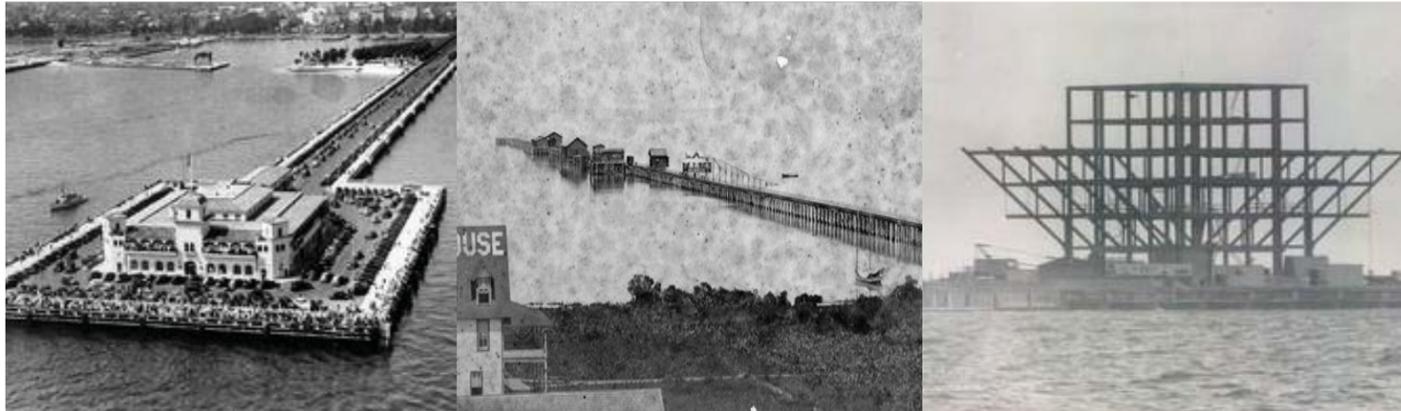
We have successfully completed projects in all areas required by the RFQ, including architecture and urban design, zoning analysis, community outreach, permitting, financial analysis, programming, building massing studies, creating renderings and packaging presentations, and developing design guidelines. We have also worked with each major member of our proposed team on a range of diverse projects and have repeatedly shown our ability to lead and manage large teams.

Our vision for the Pier will incorporate the Pier Working Group's guidelines and programmatic requirements, and evaluate environmental, maritime, and flooding considerations. All constraints, including the Albert Whitted Airport Flight Path, Pinellas County Water and Navigation Rules and Zoning Guidelines, will inform our final design.

## VISION

# EMBRACING HISTORY

## @ ST. PETERSBURG PIER



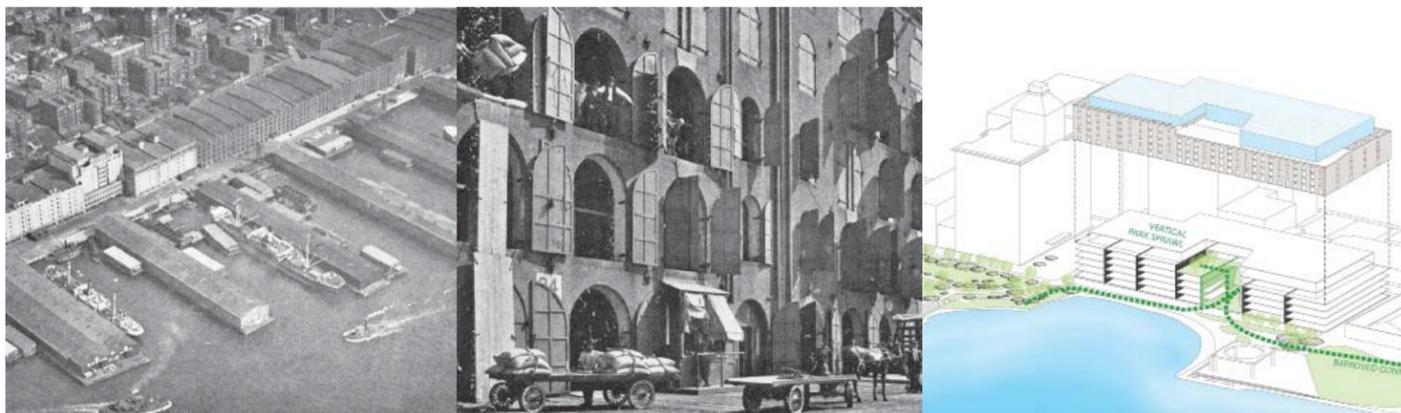
Through various iterations of design proposals and the creation of city guidelines, it is clear that maintaining the history and culture of the current St. Pete's Pier site is crucial to the community. STUDIO V hopes to embrace this history while incorporating it into contemporary design and the voices of the community.

An essential element in creating a new vision for the St. Petersburg Pier will be the integration of old and new - the incorporation of the site's rich history with the new needs and desires of the city of St. Petersburg. STUDIO V has grown a reputation for the creative reconciliation of existing and new architecture; we've been awarded several waterfront revival projects and competitions, and have a proven track record of working with the city to achieve goals of seamless, successful and thoughtful adaptive re-use.



The St. Petersburg Pier contains a rich history of over a century of evolution, that we believe should not be dismissed or erased - but rather, embraced. From its continuous culture of recreational and maritime destinations, to its reputation of iconic architecture, the new pier design will be founded on the basis of in-depth research, community input, and an understanding of how a new development will impact the city of St. Petersburg.

## @ EMPIRE STORES BY STUDIO V



The Empire Stores, seven contiguous empty warehouses on the Brooklyn waterfront, have been cut off from their upland neighborhood for over half a century. With our history of adaptive reuse and innovative solutions for waterfront and waterbound sites, we were chosen by the city for proposing the most viable design, and by the community for having the most responsive design to their needs.



STUDIO V's design for Empire Stores in Brooklyn is an example of a competition we were awarded by a city agency - Brooklyn Bridge Park and the NYC EDC - which entailed the adaptive re-use of a beloved, iconic waterfront landmark into a neighborhood asset and international destination. Our design embraces and preserves the history of this industrial structure, yet incorporates it into a completely contemporary, fresh use of the space.

# KEY ELEMENTS

## ICONIC ARCHITECTURE: CREATING A GLOBAL DESTINATION

While the architectural design for the Pier has to be flexible and functional, it must also stand as an icon of the waterfront and welcoming entrance for St. Petersburg, both from the water and upland. Striking architecture will mark the new development's significance for the neighborhood.



## WATER-DEPENDENT USES: FISHING, BOATING + MARITIME

On the new St. Petersburg Pier, maritime and water-dependent uses will be celebrated. Our plan for the pier will focus on boating amenities, including docks and servicing stations, as well as extended marinas and kayak launches off the shore.



## MIXED-USE PROGRAMMING: FOR RESIDENTS + VISITORS

We envision a vibrant, diverse program for this revived stretch of waterfront, a combination of recreational and maritime uses. Varied dining options, cycling, walking and jogging paths, fishing amenities and docks, observation areas, performance spaces, and small-scale retail will enliven the pier.



## UPLAND CONNECTIONS: A WATERFRONT NETWORK

A comprehensive plan to integrate this pier with its upland assets, including Spa Beach, will be essential. In addition to new transportation options, our plan will create a network of biking, jogging, and pedestrian paths to connect with St. Petersburg's downtown.



## SMALL-SCALE, CURATED RETAIL: KEEPING IT LOCAL

In order to maintain the inimitable St. Petersburg ambiance into the mixed-use programming of the site, small-scale retail will be incorporated, including primarily local neighborhood tenants as an economic stimulus.



## INCORPORATE THE PYRAMID: PRESERVE NEIGHBORHOOD ASSETS

One of the major setbacks of previous designs has been the complete elimination of William Harvard's Pyramid, a neighborhood landmark. In an effort to respond to community voices, we will incorporate our new, sustainable, contemporary design with portions of the Pyramid.





# STUDIO V DESIGN PROCESS

Studio V's unique approach to waterfront planning and development has put us at the forefront of waterfront design. We have expertise in innovative waterfront design, pier and marina construction, the adaptive reuse of downtrodden waterfront buildings, and the integration of contemporary architecture with existing structures. Our extensive experience has sharpened our knowledge of waterfront zoning, programming requirements, resiliency, and connections with open space and upland areas.

In just eight years, our mid-sized firm rose to prominence for our creative forms and design, waterfront architecture, and sharp focus on integrating urban fabric with new infrastructure. We have become well-established among the waterfront community for our extensive collaboration with waterfront stakeholders, community groups, and government agencies to produce projects that are striking, cost-effective, and responsive to local desires and needs.

# WORKING WITH CITIES + COMMUNITIES



STUDIO V Architecture has extensive successful experience working closely with the city agencies, elected officials, community groups, and organizations that are engaged in the urban design and planning process in New York City.

Our firm is well known for excellence in architectural and urban design, waterfront design, and master planning. But part of this success is STUDIO V's firm grounding in the public processes underlying projects, including working closely and coordinating with multiple agencies and groups to complete projects effectively. While engaging with city agencies, we understand the needs of the market and private development, ensuring our designs are economically viable.

STUDIO V has engaged with city agencies to develop designs, obtain approvals, execute re-zoning proposals, and construct projects that address all of the areas required for the St. Petersburg Pier RFQ. Our work for city agencies includes urban design, neighborhood analysis, zoning analysis, height and bulk studies, and design guidelines. We have designed site plans, developed programs, created planning graphics for public presentations, and modeled and rendered detailed visualizations of all materials.

STUDIO V excels in every element required by this RFP:

- Waterfront + Waterbound Design
- Complex Approvals + Permitting
- Adaptive Reuse + Historic Preservation
- Work with City Agencies
- Mixed-Use Destinations
- Iconic Architecture
- Budget and Time Constraints
- Community Outreach



STUDIO V has worked very successfully with many city agencies on diverse project types. We have recently been designated the team responsible for On-Call Planning Services to the NYC EDC for the next two years. We have successfully executed major re-zonings with the City Planning Commission. We have designed new streets with DOT and created new waterfront parks with Parks and Recreation. We have master planned changes to housing complexes with NYCHA and worked with HPD to plan new inclusionary housing. STUDIO V has negotiated sensitive approvals for complex historic projects with LPC and SHPO. We have successfully approved creative designs for difficult sites with the BSA, and worked with the DEP to address environmental issues and mitigation. And we have worked closely with the Mayor's office as well as numerous elected officials to reach consensus and coordinate the efforts of multiple agencies.



**TEAM**

**ORGANIZATION**

# STUDIO V ARCHITECTURE

Studio V is committed to innovative architecture that reconnects contemporary design and urban culture. Studio V has extensive expertise in urban architecture, innovative waterfront master planning, redesign of former industrial sites, and the integration of contemporary architecture with historic structures. Studio V has worked extensively to rezone large areas of New York City, and collaborated with all levels of city agencies.



# ARUP

Arup is the creative force at the heart of many of the world's most prominent projects in the built environment and across industry. Arup is known for developing high quality, innovative and sustainable solutions that address social infrastructure and planning challenges in complex urban environments to maximize the potential of the public realm to enhance the quality of life for users.



# tillotson design associates

Tillotson Design Associates, founded in 2004, is a WBE lighting design consultancy based in New York City. A diverse staff with backgrounds in architecture, interior design, and theater, including several LEED accredited professionals, combine talents to create exemplary work. Together, our five principals provide over 100 years of lighting expertise. Our passion for design excellence, meticulous attention to detail, and heavy principal involvement from concept to final focusing contributes to our success.



# HMWhite SITE ARCHITECTURE LANDSCAPE URBANISM

HMWhite is founded on the principle that the designed landscape is among the most powerful forms of cultural expression. The firm prides itself on creating high performance and multi-functioning landscapes that are rooted into the dynamic needs of the site and its users. Our extensive collaborations with renowned and emerging international talent create site designs that respond to a site's history and programmatic, architectural and environmental goals with innovation and beauty.



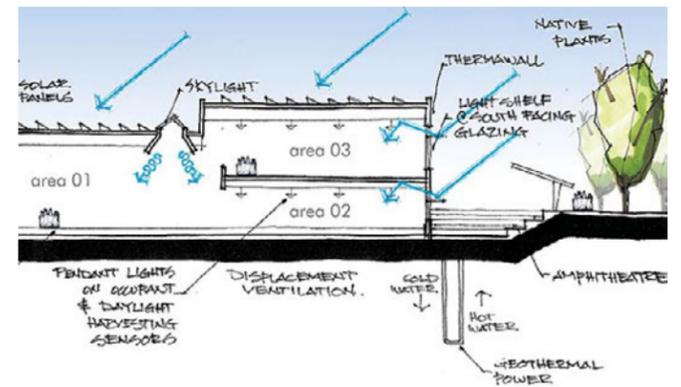
# TWO TWELVE

Two Twelve is a graphic design firm that develops sustainable, user-centered designs to help people understand an increasingly complicated world. Two Twelve designs to engage, inspire, and solve real communication problems. Two Twelve's core strength is public information design: strategically organizing data, images and words to help people understand and navigate complex information and large-scale built environments. Two Twelve is a Minority-, Woman-Owned, Disadvantaged, and Small Business Enterprise (MBE, WBE, DBE, SBE) certified by many municipalities.



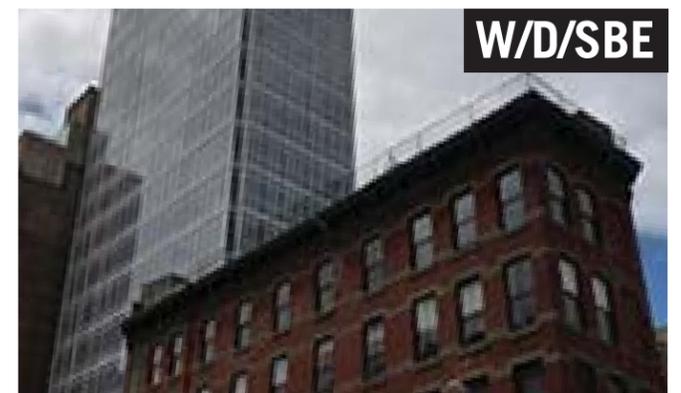
# spieze

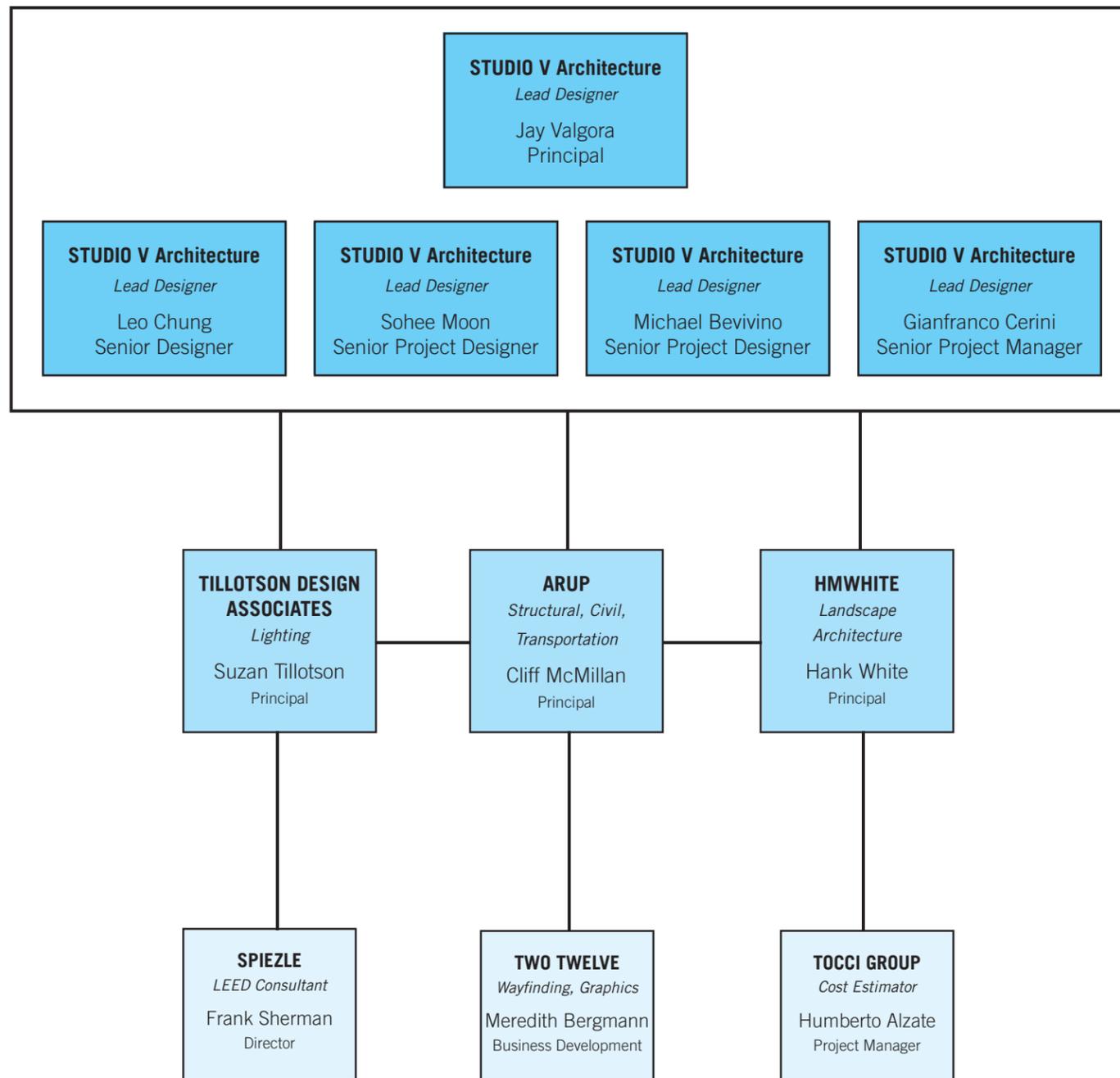
At Spieze, sustainable design strategies are always considered, from the outset of any project, so that we can deliver approaches to our clients that focus on increased performance, long-term maintenance, and cost-savings benefits. The integrated design process is essential to successfully incorporating sustainable design on time and within established budgets. While this not an entirely new process, it is one often less practiced in the design world simply by the nature of fast-paced deadlines and entrenched design process. We stand committed and united behind these words as every staff member practicing architecture in the firm is a LEED-Accredited Professional.



# THE TOCCI GROUP On Time, On Budget For Over 65 Years™

For over 20 years, **The Tocci Group** has been working on feasibility studies for the U.N. directly and under the wing of the many architects that they had worked on their facility. Recently, the firm provided cost estimating services for the U.N. C.M. Skanska. The Tocci Group also provided cost estimating services and change order negotiation on the original U.N. building when it was first built. The Tocci Group has had several On-Call contracts over the years with NYHHC, NYCHA, DASNY, CUNY, SCA OMB, and the GSA. They developed the estimating formats for the GSA and DASNY. They have done hundreds of projects for these agencies since 1948.





## TEAM MEMBER COLLABORATION

Studio V approaches all of our work in a highly collaborative manner. While leading the overall design effort, we have a culture and history of working closely with our clients and other professional consultants to achieve the best results in the quickest time frame. Our role will be to coordinate design issues with all professional consultants as well as your team including marketing consultants, and construction managers to achieve the project goals. We have collaborated with each member of our team, including many rehabilitation, adaptive reuse, and waterfront/waterbound projects.

## M/W/S/DBE PARTICIPATION

STUDIO V has broad experience working with Minority and Woman owned certified Business Enterprises as required by Local Law 12, 2006 and Local Law 1, 2013. Our project team includes 3 significant firms that meet the full criteria of certification by DSBS. Our team is fully committed to including W/M/S/DBE firms within the scope of our work. In addition to fully addressing the SBE mission of the RFP, we have included world-class firms with highly relevant experience supporting urban design services, including Landscape Architecture, Graphics and Presentation materials, Land Surveying, Cost Estimating, Traffic Engineering, and Sustainability Consulting.

## Firm Profile

Arup is the creative force at the heart of many of the world's most prominent projects in the built environment and across industry. We offer a broad range of professional services that combine to make a real difference to our clients and the communities in which we work. We are truly global: 90 offices in 38 countries with 11,000 planners, designers, engineers and consultants deliver innovative projects across the world with creativity and passion.

Founded in 1946 with an enduring set of values, our unique trust ownership fosters a distinctive culture and an intellectual independence that encourages collaborative working. This is reflected in everything we do, allowing us to develop meaningful ideas, help shape agendas and deliver results that frequently surpass the expectations of our clients. The people at Arup are driven to find a better way and to deliver better solutions for our clients. We shape a better world.

### Arup in New York

Established for over 20 years, the New York office has nearly 400 staff including project managers, transport planners, land use and zoning planners, traffic engineers, civil and infrastructure engineers, and environmental specialists among others who are actively engaged in large infrastructure projects in the New York region. We are known for developing high quality, innovative and sustainable solutions that address social infrastructure and planning challenges in complex urban environments to maximize the potential of the public realm to enhance the quality of life for users.

Arup has been involved in major planning, design, and construction projects in New York City that have provided us with unparalleled understanding of how to make this project achievable. Our decade long experience includes some prominent projects such as:

- East River Waterfront Esplanade and Piers;
- Hunters Point South;
- Lower Manhattan Transportation Planning and Engineering Services (including Water Street);
- Fulton Center (formerly Fulton Street Transit Center);
- Second Avenue Subway;
- Hudson River Park;
- Imagination Playground;
- JFK International Airport (Terminals 3, 4, 5 and 7);
- Hudson Square Traffic Management Study;
- Downtown Brooklyn Traffic Calming Study; and
- Tappan Zee Bridge Replacement.

### Working with Local Agencies and the Authority

Arup has a long history of working with public agencies and advocacy groups in project creation and completion of government projects. Our portfolio includes work for and within the guidelines of the Authority, NYCEDC, NYCDDC, NYCDOP, NYCDEP, NYCDOT, HRPT, MTA-CC/NYCT, NYS DOT, NYS DEC, SHPO, US General Services Administration, US Department of Energy, Environmental Protection Agency, and the US Army Corps of Engineers. We have worked with many of these agencies as our clients and also participated with them as stakeholders.



## Experience with City Agencies

Arup has worked successfully with many of the individual city agencies over the last two decades. Our involvement covers long range planning, design and construction services and projects ranging from small task orders to multi million dollar undertakings on projects. Our involvement with the city on projects such as Hunters Point, East river Waterfront and imagination playground have challenged perceived notions on a standard solution and brought forth real problem solving addressing future issue encompassed in sustainability frameworks as well as producing resilient designs that will be part of the city landscape for generations. On projects where we lead a multidisciplinary team such as Hudson River Park, Fulton Street Transit Center and 2nd Avenue Subway we have engaged with many of the cities stakeholders and have a deep understanding of issues and concerns of both the agencies and the public they serve.



CIVIC  
EAST RIVER PERFORMANCE PARK



INSTITUTIONAL  
WILDLIFE CONSERVATION SOCIETY



URBAN DESIGN  
WILLETTS POINT



COMMERCIAL  
NY TIMES BUILDING LOBBY GARDEN



ECOLOGICAL ENGINEERING  
BROOKLYN BOTANIC GARDEN

HMWhite was founded in 1992 on the principle that the designed landscape is among the most powerful forms of cultural expression. The firm prides itself on creating high performance, multi-functioning landscapes rooted in the dynamic needs of the site and its users. Our landscape designs respond to a site's history and environmental fundamentals while fulfilling programmatic and architectural goals with innovation and beauty. Building holistic ecological systems that establish an authority of harmonious longevity and vitality is a cornerstone of our design approach. The dynamic elements of the natural world are fused with cultural, social and political forces which influence and foster social interaction.

HMWhite has brought its extensive experience and expertise to projects in the areas of:

- Public parks and civic open spaces
- Cultural institutional site planning and design
- Campus planning and design
- Commercial site planning and design
- Green infrastructure design
- Living roof development
- Residential landscape and garden design

HMWhite is committed to the successful maturation of each project, from initial concept design to construction oversight, including long-term landscape management. Our projects, executed within a diverse set of regional and global locations, vary in scale and program. The broad talents of the firm's multi-cultural staff of landscape architects, urban designers and planners are uniquely applied to each project in order to serve the fundamentals of the place as well as the needs and aspirations of the community.

A shared **design philosophy** unites and distinguishes our firm:

- Each situation is unique: each setting deserves meticulous assessment, rigorous analysis, and thoughtful synthesis.
- Each client's program deserves a balanced and creative solution, sensitive at all levels to the natural systems and cultural history of its context.

Our completed works have a unique visual identity, spatial richness and simplistic legibility that is well suited to each project's purpose, context and budget. Our work has been widely published and recognized with numerous national and international design awards, including honors from the American Institute of Architects, American Society of Landscape Architects, European Centre for Architecture Art Design, Urban Land Institute, NYC Public Design Commission and Time Magazine's Best Design of the Year. Clients and communities have come to expect our distinctive landscape designs to be of consistent clarity of vision: site-specific, artful, compassionate, timeless, and ultimately enhancing the quality of life.

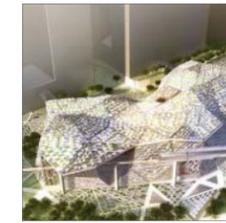
# HMWHITE: LANDSCAPE ARCHITECTURE

## HONORS/AWARDS



### ASLA NATIONAL

- Design Honor Award 2013  
Brooklyn Botanic Garden Visitor Center  
*Brooklyn, New York*
- Design Honor Award 1992  
Oriole Park at Camden Yards  
*Baltimore, Maryland*
- Planning & Urban Design Merit Award 1992  
Oriole Park at Camden Yards  
*Baltimore, Maryland*



### ASLA NEW YORK CHAPTER

- Honor Award 2013  
Brooklyn Botanic Garden Visitor Center  
*Brooklyn, New York*
- Honor Award 2013  
MiMA Residential Commons  
*New York, New York*
- Honor Award 2012  
King Abdullah Financial District: Conference Center  
*Riyadh, Saudi Arabia*



- Honor Award 2010  
New York Times Building Lobby Garden  
*New York, New York*
- Research and Communication Merit Award 2006  
New York Times Building Lobby Garden  
*New York, New York*



### CHICAGO ATHENAEUM MUSEUM OF ARCHITECTURE & DESIGN

- Green Good Design Award: Green Architecture Award 2012  
Brooklyn Botanic Garden Visitor Center  
*Brooklyn, New York*
- International Architecture Award 2011  
King Abdullah Financial District  
*Riyadh, Saudi Arabia*



### AIA NEW YORK CHAPTER

- Design Award 2010  
Barnard College - The Diana Center  
*New York, New York*
- Architecture Honor Award 2008  
New York Times Building Lobby Garden  
*New York, New York*
- Architecture Honor Award 2006  
The Pierpont Morgan Library  
*New York, New York*



### AIA NATIONAL

- Design Award 2011  
Barnard College - The Diana Center  
*New York, New York*
- Honor Award for Urban Design 1995  
Inner Harbor East  
*Baltimore, Maryland*
- Urban Design Award 1992  
Oriole Park at Camden Yards  
*Baltimore, Maryland*

### NEW YORK CITY PUBLIC DESIGN COMMISSION

- Design Award 2008  
Brooklyn Botanic Garden  
*Brooklyn, New York*
- Design Award 2006  
Wildlife Conservation Society Center for Global Conservation  
*Bronx, New York*

### CNBC ARABIAN PROPERTY AWARDS

- Best Mixed Use Development 2009  
King Abdullah Financial District  
*Riyadh, Saudi Arabia*

### NYC MUNICIPAL ART SOCIETY OF NEW YORK

- Masterwork Awards 2008  
New York Times Building Lobby Garden  
*New York, New York*

### NEW YORK OBSERVER

- Best New Architecture in New York 2012  
Brooklyn Botanic Garden  
*Brooklyn, New York*

### ENR NEW YORK

- Best Cultural Project 2012  
Brooklyn Botanic Garden  
*Brooklyn, New York*

### TIME MAGAZINE

- Best Designs of 1992  
Oriole Park at Camden Yards  
*Baltimore, Maryland*

### ARCHITECT MAGAZINE

- Annual Design Review 2012  
Brooklyn Botanic Garden Visitor Center  
*Brooklyn, New York*

### NEW YORK CONSTRUCTION

- Best Cultural Project 2005  
The Pierpont Morgan Library  
*New York, New York*

### BUILDING BROOKLYN AWARD

- National Grid Award for Energy Efficiency Award for Design Excellence 2013  
Brooklyn Botanic Garden Visitor Center  
*Brooklyn, New York*

## History

Tillotson Design Associates, founded in 2004, is a WBE lighting design consultancy based in New York City. A diverse staff with backgrounds in architecture, interior design, and theater, including several LEED accredited professionals, combine talents to create exemplary work. Together, our five principals provide over 100 years of lighting expertise. The launch of Tillotson Design Associates came just after Ms. Tillotson completed lighting designs for the Seattle Central Public Library and Prada Beverly Hills with the Office for Metropolitan Architecture. Collaborating with developers, architects, and interior designers throughout the world, our award winning portfolio includes interior and exterior lighting for corporate headquarters, universities, hotels, libraries, master plans, museums, parks, performance halls, residences, restaurants, and retail establishments.

## Ideology

Our passion for design excellence, meticulous attention to detail, and heavy principal involvement from concept to final focusing contributes to our success. We have no preconceived notions about what works. We welcome new challenges and enjoy the exploration and research of unique materials and ideas. We offer solutions, but encourage collective decision making by the entire design team and client. Our goal is to provide the best possible lighting design service for our clients.

## Clients

Our architecturally diverse and prestigious clients include: Alexander Gorlin Architects; Allan Greenberg; Architecture Research Office; Asymptote; CDR Studio; Diller Scofidio + Renfro; ENNEAD Architects; Foster + Partners; FX Fowle; Gabellini Sheppard Associates; Gensler; Grimshaw Architects; Hanrahan Meyers; James Carpenter Design Associates, Inc.; James Corner Field Operations; Kallmann, McKinnell and Wood; Kazuyo Sejima + Ryue Nishizawa - SANAA Ltd; Kliment Halsband Architects; Kohn Pedersen Fox Associates; Kuwabara Payne McKenna Blumberg Architects; Leven Betts; Michielli & Wyetzner; Morphosis Architects; Office for Metropolitan Architecture; PKSB Architects; REX; Rogers Architects; Studio V Architects; SHoP Architecture; Tod Williams and Billie Tsien Architects; West 8 and Work AC.

## Recent Awards

2014 IES Illumination Award of Merit – Yonkers Casino – Yonkers, NY  
 2014 IALD Award of Excellence – Red Bull Music Academy – New York, NY  
 2013 GE Edison Award of Merit – Red Bull Music Academy – New York, NY  
 2013 IES Lumen Award of Excellence – East River Waterfront – New York, NY  
 2013 IES Lumen Award of Merit – Clyde Frazier's Wine & Dine Restaurant – New York, NY  
 2012 IES Lumen Citation for Lighting – Cornell University Milstein Hall – Ithaca, NY  
 2012 IES Illumination Award of Merit – Balsillie School of International Affairs – Waterloo, Ontario  
 2012 IES Illumination Award of Merit – Cornell University Milstein Hall – Ithaca, NY  
 2011 GE Edison Award of Excellence Award – Cornell University Milstein Hall – Ithaca, NY  
 2011 AJL Outstanding Achievement Award – Lincoln Center Plazas – New York, NY  
 2011 IES Illumination Award of Excellence – Lincoln Center Plazas – New York, NY  
 2011 IES Lumen Award of Merit – Lincoln Center Plazas – New York, NY  
 2011 AJL Outstanding Achievement Award – Dee and Charles Wyly Theatre – Dallas, TX  
 2011 IES Lumen Award of Merit – Dee and Charles Wyly Theatre – Dallas, TX  
 2011 IALD Award of Merit – Dee and Charles Wyly Theatre – Dallas, TX  
 2010 IES Lumen Award of Merit – The Wright at the Guggenheim Museum – New York, NY  
 2009 IES Lumen Award of Merit – Harvard Club – New York, NY  
 2009 IES Lumen Feltman Award of Excellence – Vera Wang Flagship Store – New York, NY  
 2008 AJL Light & Architecture Design Award – School of American Ballet – New York, NY  
 2008 IES Lumen Award of Merit – New Museum of Contemporary Art – New York, NY

## Services

Tillotson Design Associates, with fourteen professional and three administrative staff members, has technical expertise in the following specialty areas:

- custom luminaire design
- exterior building and site lighting
- daylighting
- LEED certification and energy compliance
- restoration, renovation
- computer calculations and simulations

We offer a full scope of services from schematic design through the construction phase. In addition to luminaire specifications, shop drawing review, and lighting drawings, our services include production of meticulous working details for custom fixtures and mock-ups, as well as daylighting and computer rendering capabilities. Our team approach allows us to produce cost effective designs in an efficient manner. The accessibility of all team members during all phases of the project assures timely responses.

## Recent & Current Site Projects

Barclays Center Plaza - Brooklyn, NY  
 SHoP Architects

Broad Museum Plaza & Streetscape – Los Angeles, CA  
 Diller, Scofidio + Renfro

Brooklyn Academy of Music Visual Arts Plaza - Brooklyn, NY  
 Ken Smith Landscape Architect

Brooklyn Bridge Park Pier 6 - Brooklyn, NY  
 BIG – Bjarke Ingels Group

Brooklyn Botanical Gardens Gift Shop & Terrace Cafe - Brooklyn, NY  
 Brooklyn Botanical Gardens

Brown University, Master Plan - Providence, RI  
 Brown University

East River Waterfront Esplanade & Pier 15 - New York, NY  
 SHoP Architects

Governors Island - New York, NY  
 West 8

Lincoln Center North and South Plazas - New York, NY  
 Diller Scofidio + Renfro / FX Fowle / Beyer Blinder Belle Architects

Lincoln Center 66th St. - New York, NY  
 Diller Scofidio + Renfro

Louisville Museum Plaza – Louisville, KY  
 Kendall/Heaton Associates

Pier 62 - New York, NY  
 CR Studio Architects

Pier 86 - New York, NY  
 Mathews Nielsen / Dattner Architects

Vieux Carre Exterior Lighting Guidelines – New Orleans, LA  
 Friends of the Vieux Carre Commission

World Financial Center Courtyard – New York, NY  
 Brookfield Office Properties

World Trade Center Tower 2 Plaza – New York, NY  
 Beyer Blinder Belle

Wyly Theater Site Lighting – Dallas, TX  
 JJR, LLC



**TWO TWELVE**  
**902 BROADWAY**  
**FLOOR 20**  
**NEW YORK, NY**  
**10010/6002**  
**212/254/6670 T**  
**212/254/6614 F**

**DESIGN FOR**  
**A BETTER**  
**EXPERIENCE™**

## Experienced and Diverse Team

Two Twelve is a graphic design firm that develops sustainable, user-centered designs to help people understand an increasingly complicated world. We design to engage, inspire, and solve real communication problems. Working in collaboration with our clients, we create meaningful, elegant, and sustainable designs across a range of media. We call it Design for a Better Experience<sup>SM</sup> because we believe it improves life and business for our clients, their customers, and our communities.

## Collaborative Design Process

We have over three decades of experience working on complex engagements with high profile clients and multi-disciplinary teams. We have a large network of specialist partners and apply considerable communication skills to facilitate constructive dialogue, build consensus, and ensure that each project benefits from the diverse perspectives and talents that our teams make available.

Clients turn to us to analyze challenging communications issues and provide creative design solutions that are cost-effective and user-friendly. Essential components of our design methodology include thorough investigation and analysis of the user experience, iterative development of design concepts, and supervision through production phases to ensure quality implementation.

## Design Services

Two Twelve's core strength is **public information design**: strategically organizing data, images and words to help people understand and navigate complex information and large-scale built environments. We often apply this discipline across multiple media to enhance access and communication with diverse populations.

## Wayfinding Consulting & Signage Design

Creating integrated communication and signage systems to help people navigate the built environment and explore public spaces. Services include:

- Wayfinding analysis and strategy consulting, master plan development
- Identification, orientation, directional and regulatory sign systems design and standards
- Maps and digital wayfinding tools
- Interpretive graphics, exhibits and other



## Communications Design

Translating complex ideas and ambitious plans into visual communications that engage and inspire people. Capabilities include:

- Sustainability communications, including CSR, GRI and ESG reports
- Visioning and information graphics for public presentations, proposals and plans
- Forms design and simplification
- Digital and printed material for marketing, promotional and public outreach campaigns
- Interactive media and digital tools
- Logo, identity and branding design

## Registration & Certification

212/Harakawa Inc. (doing business as "Two Twelve") supports our clients' supplier diversity goals and federal projects as a Minority-, Woman-Owned, Disadvantaged, and Small Business Enterprise (MBE, WBE, DBE, SBE) certified by many municipalities, and an approved Multiple Award Schedule contract holder with the federal General Services Administration (GSA).

## Recognition

Our firm, its people and projects have appeared in major business, news, and international design media including: Architecture, BusinessWeek, CBS-TV, Communication Arts, Design Observer, Green Building & Design, Honolulu Star-Bulletin, Metropolis, The New York Times, The New Yorker, segdDESIGN, Slate, The Wall Street Journal and @issue.

## Experience with City Agencies

Two Twelve has considerable experience working with government agencies at the City, State and Federal level. Our work in New York City is extensive and encompasses projects with:

- The Department of Transportation
- The Department of Health and Mental Hygiene,
- The New York City Water Authority
- The New York Housing Authority
- The City University of New York (CUNY)
- The New York City Police Department
- The New York City Economic Development Corporation
- The Mayor's Office of Long Term Planning and Sustainability

**THE TOCCI GROUP INC.**

**On Time, On Budget for Over 65 Years™**

18 West 18<sup>th</sup> Street  
10<sup>th</sup> Floor  
New York, NY 10011

p/f: 212-343-0838  
[www.TheTocciGroup.com](http://www.TheTocciGroup.com)  
Certified W/S/DBE

**FIRM DESCRIPTION**

Since 1948, The Tocci Group Inc., formerly named Federman Design + Construction Consultants, Inc., has provided a comprehensive range of Professional Pre-construction, Construction Management, Legal and Owner’s Representation services on projects worldwide. Our corporate headquarters has been firmly rooted in central Manhattan for over 60 years with branch offices located Nationwide. Our professional technical expertise services Public and Private Sector in the Design, Engineering Construction industry, Finance, Commercial and Residential Real Estate, Energy, Hospitality, Retail/Entertainment, Restaurants, Sports, Healthcare, Commercial lenders. We are a certified W/S/DBE firm.

The services we provide are:

**Pre-Construction:**

- Cost Estimating, Cost Modeling + Cost Control
- Bills of Quantity and Tender
- Scheduling
- Specification Writing
- Value Analysis & Engineering
- Leed Consulting
- Review of Working Drawings
- Risk Analysis
- CADD Support

**Construction:**

- Construction Management as agent
- Change Order Review and Negotiation
- Inspections

**Legal:**

- Arbitration + Litigation Support to Counsel
- Expert witness
- Claims Management and Negotiation

**Owner’s Representation:**

- Engage communication with Owner/Design/Cm team
- Vet and select Design Team, Contractors, GC’s, and Subs
- Review progress and production of Contract Documents
- Review progress of consultant coordination
- Review progress of code compliance & analysis
- Review for compliance with codes & governing agencies
- Review progress of site survey
- Assist in buy outs
- Provide weekly reports on project status
- Preparation & maintenance of Critical Path Schedule
- Review implementation & distribution of bid packages, shop drawings, submittals, samples
- Review, analyze payment requests
- Review, estimate, and negotiate change orders
- Review CM reports
- Review Bond & insurance
- Oversee compliance with work in place, schedule, and conformance with design intent
- Document outstanding issues & responsibilities
- Report on periodic job site meetings, organize regular project walk-through meetings
- Provide punch list & assist in project close out
- Review & assist “as built” drawings

## THE TOCCI GROUP INC.

### COST CONTROL PHILOSOPHY & METHODOLOGY

- \* We cannot underscore enough how vital it is to the success of any design + construction project that **cost control** be integrated with the design process, from the conceptual phase of the job - when ideas and solutions are first being formulated - through to the final construction phase. If appropriate, we would approach this project by providing the design team with a **cost model** to design to. The Tocci Group has developed proprietary cost model software that integrates with the design process, LEED classification betterments, and the 3-5D design process. During the entire design process, our model establishes or takes the Benchmark budget estimate and breaks down by price each category and the elements within each category. This model would show the percentage of each element and category to the total budget, so if the design team changes something in one category, they instantly know how that change impacts the budget and schedule of the project. The **cost model** is a fluid document, which provides the design team a road map for the design team to design to the budget of the project. It also educates the owner and gives them an understanding and knowledge as to what to expect with their budget.
- \* Milestone estimates are prepared during each design phase of the project. We obtain our prices by using the **actual cost method**, which we pioneered and have utilized for over 60 years. Our Bid vs. Estimate track record of 1-3% is unparalleled in the industry. Your project is approached on an individual and site-specific basis. Along with our database, material costs are verified with local vendors, local sub consultants, local contractors and the internet. Labor costs are based on site specific actual labor rates. We also explore and determine what the bidding climate is likely to be before assigning a price. All of our cost estimates identify cost projections per building system for each building at the time of construction. We are an extremely computer literate firm. We go to each work session with lap top computers and, as design ideas are being formulated, we cost them instantly so those sessions are truly working sessions and ensure no budget surprises. We have developed software that allows us to interact with the design team's technology. We can scan drawings which quickly track and quantify all design or quantity changes the design team may do. Any necessary reconciliation, bid review and negotiation services are offered throughout the life of the project.
- \* We are able to interact in this manner because we are Architects, Engineers, Construction Managers ourselves so we can truly add value and input to the design and construction process with the comfort and security of being cost control experts, aware at all times of where we are within the budget. We pro-actively and continuously apply **value engineering** and **life cycle analysis** throughout the design process. We evaluate alternative methods and systems and determine which would be the most functionally appropriate, design appropriate and cost effective.
- \* This philosophy and unique approach to **cost control and value engineering** has led us to a bid vs. estimate track record of 1%-3% and would ensure your project's being a successful one.

## SPIEZLE GROUP: SUSTAINABILITY



SPIEZLE ARCHITECTURAL GROUP, INC.

120 Sanhican Drive  
Trenton, NJ 08618

866-974-7666

www.spiezle.com

### SPIEZLE SUSTAINABLE DESIGN & CONSULTING

*Services for Forward Thinking Clients*

At Spiezle, we believe the hallmarks of sustainability are projects that are high performing, essential, enduring, and integrated. Spiezle Architectural Group has developed a reputation for delivering value through projects and services that exceed our clients' expectations about building performance.

Spiezle Architectural Group provides a suite of design and consulting services for clients who are interested in high performing green buildings and sustainable operations. Our services include planning, design, construction, and performance benchmarking for new and existing buildings. Our clients are private companies, public institutions, municipalities and non-profit organizations. Each client is unique and we customize our services to meet their project goals.

- |                                    |  |
|------------------------------------|--|
| ✓ Green Building Consulting        | ✓ Sustainable Master Planning              |
| ✓ High Performance Building Design | ✓ Sustainable Building Operations Planning |
| ✓ Environmental Benchmarking       | ✓ Energy Master Planning                   |
| ✓ LEED Consulting                  | ✓ Renewable Energy Systems Design          |
| ✓ LEED Certification Management    | ✓ Cogen Feasibility Studies                |
| ✓ Climate Action Planning          | ✓ Climate Adaptation & Resiliency          |
| ✓ Carbon Neutrality Studies        | ✓ Environmental Education & Outreach       |

**Why Spiezle** – We are experienced, efficient, and experts in our field. We are committed to delivering outstanding service to all our clients. Spiezle's reputation for quality and attention to detail shows in the work we do and the relationships we build. We have client relationships that span over 20 years. We respond to our clients' needs and desires knowing we are building for their future.

*"Sustainability is important to us personally and professionally. It is evident in the body of work we produce and the services we provide."*

**About Spiezle** –Spiezle Architectural Group Inc. is an award-winning, full-service architectural and planning firm with a strong emphasis on high performance green design. Spiezle was recognized in 2012 as AIA New Jersey Firm of the Year. We are a 50-person firm, headquartered in Trenton New Jersey, with 4 regional offices. In addition to complete architectural and planning services, Spiezle provides in-house Construction Management, Cost Estimating, Interior Design, and Sustainability Consulting expertise. We are proud of our 60 year history of client responsive design and outstanding customer service.

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PENNSYLVANIA

SOUTH CAROLINA

2:57:54 PM 9/2/2014

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**Licensee Information**

Name: **VALGORA, GERALD LEWIS (Primary Name)**  
 (DBA Name)  
 Main Address: **44 EAST 32ND STREET**  
**3RD FLOOR**  
**STUDIO V ARCHITECTURE**  
**NEW YORK New York 10016**

License Mailing:

LicenseLocation:

**License Information**

License Type: **Architect**  
 Rank: **Architect**  
 License Number: **AR93625**  
 Status: **Current,Active**  
 Licensure Date: **12/29/2006**  
 Expires: **02/28/2015**

**Special Qualifications Qualification Effective**

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Under Florida law, email addresses are public records. If you do not want your email address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395. \*Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee. However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. Please see our [Chapter 455](#) page to determine if you are affected by this change.



**PROJECT  
EXAMPLES**

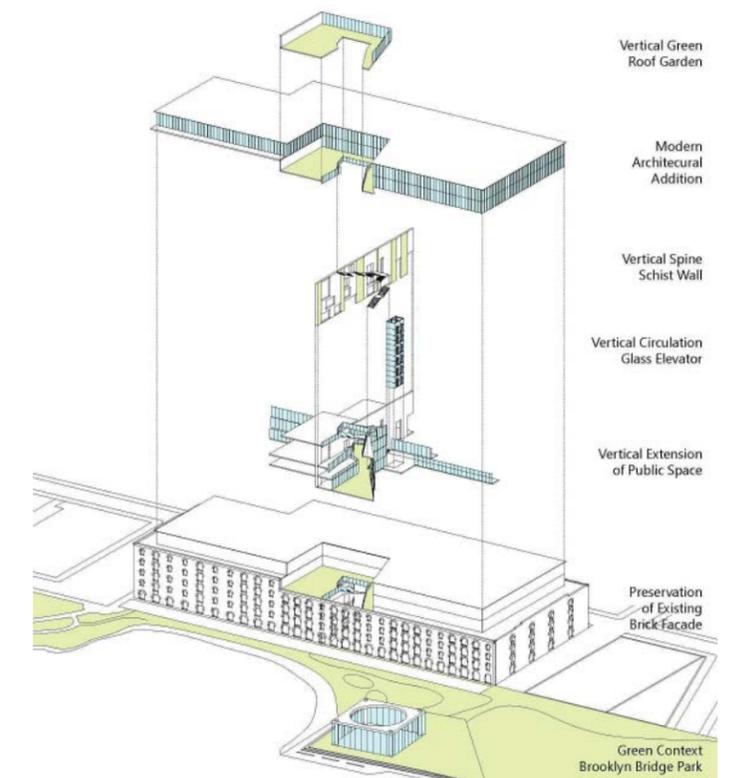
# EMPIRE STORES

BROOKLYN, NY

PROMOTING DUMBO'S ECONOMIC GOALS  
THROUGH ADAPTIVE REUSE OF EXISTING STRUCTURES



STUDIO V Architecture created the design chosen by Brooklyn Bridge Park and the NYCEDC for the adaptive re-use of Empire Stores on the DUMBO waterfront. STUDIO V began the re-development of this site with an extensive study of the surrounding neighborhood, tying in assets such as Brooklyn Bridge Park and a booming tech industry into our design. Our plan for the site included flood mitigation strategies, a dynamic programming mix, and promoting the DUMBO economy by providing space for tech start-ups and Brooklyn based retailers and food groups. In addition to deliverables of all plans, sections, renderings, and 3-dimensional diagrams, STUDIO V also worked with the client to produce square footage calculations, and with historic preservation experts to restore the rich architectural language of the building.



Reference: David Lowin  
Vice President, Brooklyn Bridge Park  
718-724-6430

# HALLETTS POINT

QUEENS, NY

REVIVING A NEIGHBORHOOD ASSET: RE-ZONING, DESIGN AND MASTER PLAN FOR NEW YORK CITY



STUDIO V was hired to design a master plan and architectural designs for a major section of the Astoria waterfront, known as Halletts Point. Halletts Point is a major peninsula that extends into the East River, directly opposite Manhattan's Upper East Side; the area currently consists of vacant warehouses and crumbling factories and is a brownfield area. The City Planning Commission unanimously approved the project in August 2013.

Our design proposal is a study in how to create new links and connections between an existing community and their waterfront. Our master plan design reclaims this brownfield area to provide a 1200 foot linear public Esplanade and Waterfront Park that serves as the missing link in a nearly continuous string of waterfront parks.

A major goal of our design was to incorporate a large affordable housing component into our design, which we worked closely with NYCHA to accomplish. In addition to NYCHA, we collaborated with many city agencies to complete our study, including CAC, Parks and Recreation, DOT, the Mayor's office, and community boards among others.

Reference: Joel Bergstein  
Vice President, Lincoln Equities Group  
201-460-3440

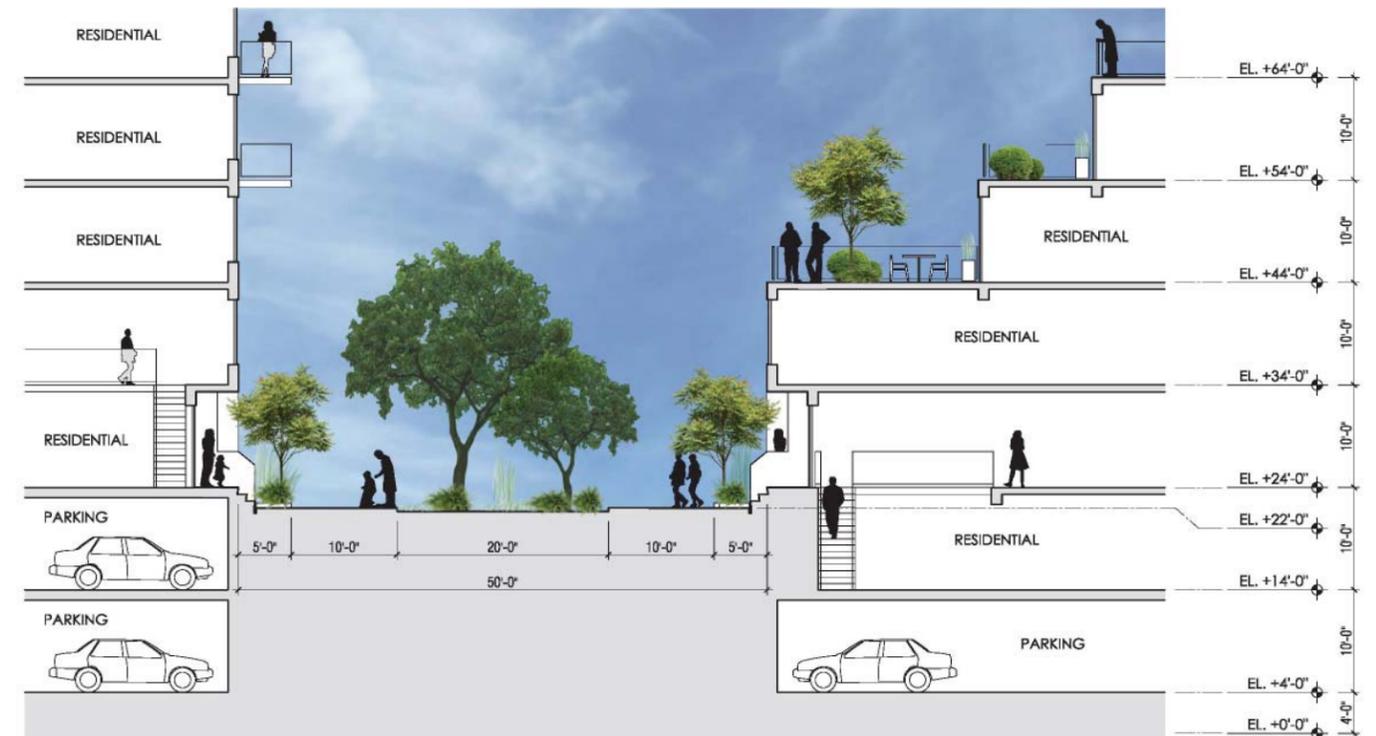
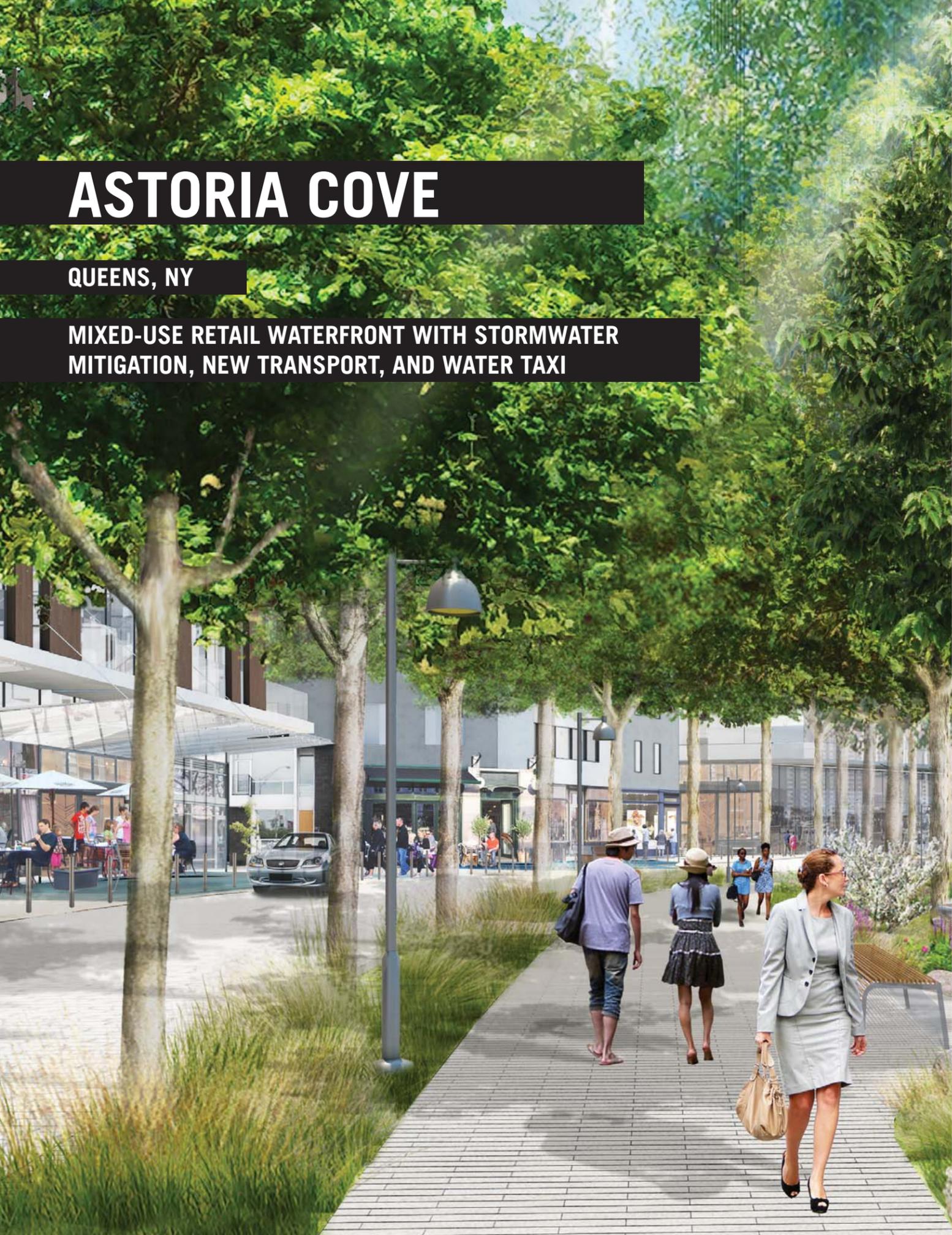
Zoning Section		Easton Zoning Lot		Waterfront Zoning Lot	
		R7-3/C1-4	R7-3/C1-4	R6/C1-4	R6
Item	Required / Proposed	Required / Proposed	Required / Proposed / Existing	Existing	Existing
<b>1 General</b>					
Map 9a	Zoning District(s)	R7-3/C1-4*	R7-3/C1-4*	R6/C1-4*	R6**
	Tax Lots	Block 915: Lot 6	Block 916: Lots 1, 10 Block 490: Lots 1, 11 Portion of 20th Avenue Portion of 27th Avenue NYS Underwater Parcels	Portion of Block 490: Lot 101 Proposed to be de-mapped portions of Astoria Blvd (cul-de-sacs)	Portion of Block Portion of Block
Lot Area	Total Lot Area	56,006 sf	272,598 sf	368,726 sf	1,166,307 sf
	Upland Lot Area	N/A	272,598 sf	368,726 sf	797,671 sf (includes 2,120 sf)
	Storaged Lot Area	N/A	0 sf	0 sf	0 sf
* Pursuant to Zoning Action #1 ** Reversion of plus Block 490, Lot 100 Pursuant to Zoning Action #1					
<b>2 Uses</b>					
ZR 22-00 ZR 62-20	Uses	Permitted/Required: UG 1-4 & 6	UG 1-4 & 6	UG 1-4 & 6	UG 1-4
		Proposed: UG 2 & UG 6	UG 2 & UG 6	UG 2 & UG 6	UG 2
<b>3 Floor Area</b>					
	Residential:				
	Permitted/Required: 5.00 FAR*	5.00 FAR*		2.43 FAR	
	Existing: 0.00 FAR	0.00 FAR		0.99 FAR	
	Proposed: 6.69 FAR**	4.49 FAR		1.41 FAR	



# ASTORIA COVE

QUEENS, NY

MIXED-USE RETAIL WATERFRONT WITH STORMWATER MITIGATION, NEW TRANSPORT, AND WATER TAXI



Astoria Cove is one of five master plan sites STUDIO V is currently studying and/or planning. Our all-inclusive plan for the site recommends intensive flood mitigation strategies, the addition of a water taxi station at the shore, and thoughtful incorporation of affordable housing units into the programming mix of the neighborhood. Our collaborative and successful work with city agencies, including the NYC EDC and DOT, has been highly recognized and commended.

Reference: John Mavroudis  
Principal, Alma Realty Corporation  
718-267-0300

# 2ND STREET MARINA

JERSEY CITY, NJ

WORKING WITH CITY AGENCIES TO CREATE  
COMMERCIAL WATERFRONT SOLUTIONS



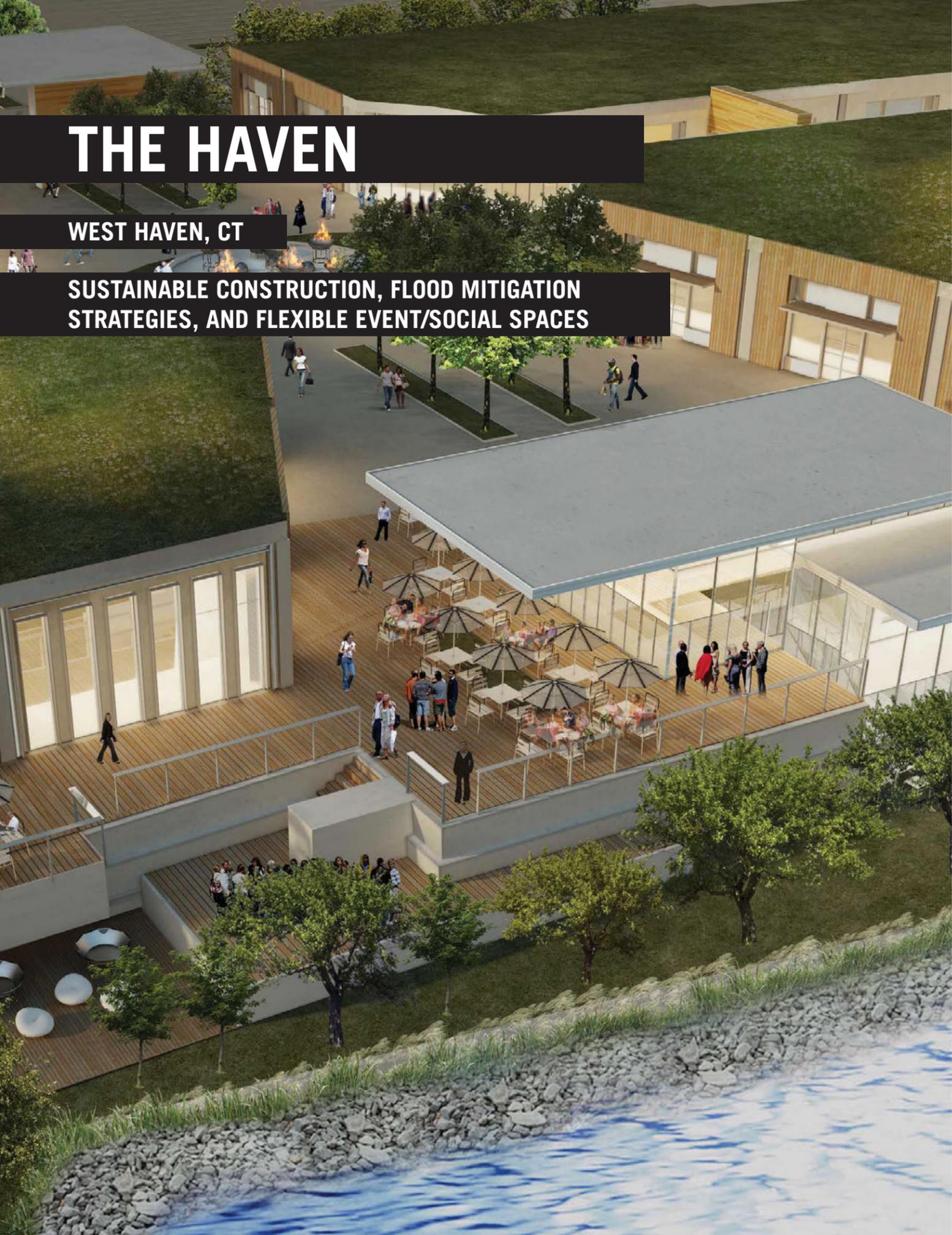
For this project, STUDIO V worked closely with the Jersey City Redevelopment Authority and a private developer to create a new 200 slip marina with a related clubhouse facility. The marina features a state of the art green marina infrastructure, but the urban site offered no upland location for the necessary support facilities and clubhouse. Our design addressed this condition by developing a unique floating building that moves with the tidal flow, held in place by piles.

Reference: Joel Meisel  
Principal, Meisel Holdings LLC  
301-881-7800

# THE HAVEN

WEST HAVEN, CT

SUSTAINABLE CONSTRUCTION, FLOOD MITIGATION STRATEGIES, AND FLEXIBLE EVENT/SOCIAL SPACES



STUDIO V is creating a master plan and market presentation, led by Mr. Valgora, for a new high-end luxury retail center on the waterfront of Connecticut.

Like the new St. Petersburg Pier will, the Haven features sustainable construction, flood-mitigation strategies, and flexible social spaces that can shift with the seasons. The design also includes mixed-use programming for a vibrant new development - including retail, hospitality, and outdoor and indoor dining options - as well as a new marina. This development is equally exciting and inviting from the water as it is from upland.

Reference: Matthew Armstrong  
Vice President, Gordon Group Holdings  
203-618-1000

## NIAGARA FALLS BRIDGE Niagara Falls, Canada

Turning on Abandoned Railway Bridge into an icon-- A Gateway to Canada



Studio V has designed a significant master plan for a 44 acre site in Niagara Falls, Canada. This project features two coordinated designs two clients: the architectural design of a museum on a former railway bridge for the City of Niagara Falls, and the design of an adjacent rail yard for a mixed use commercial development for Cross Link Bridge Development.

STUDIO V developed the architectural language of the development to relate to Niagara Falls as a major gateway and symbol for the nation of Canada. This idea is developed through the use of local landscape elements, an ice rink, and indigenous materials. Design features that reflect the local community and culture include an outdoor amphitheater that responds to the typography of the site, the incorporation of historic artifacts such as an abandoned Rail bridge, historic customs house, and train station, and links to the open spaces.



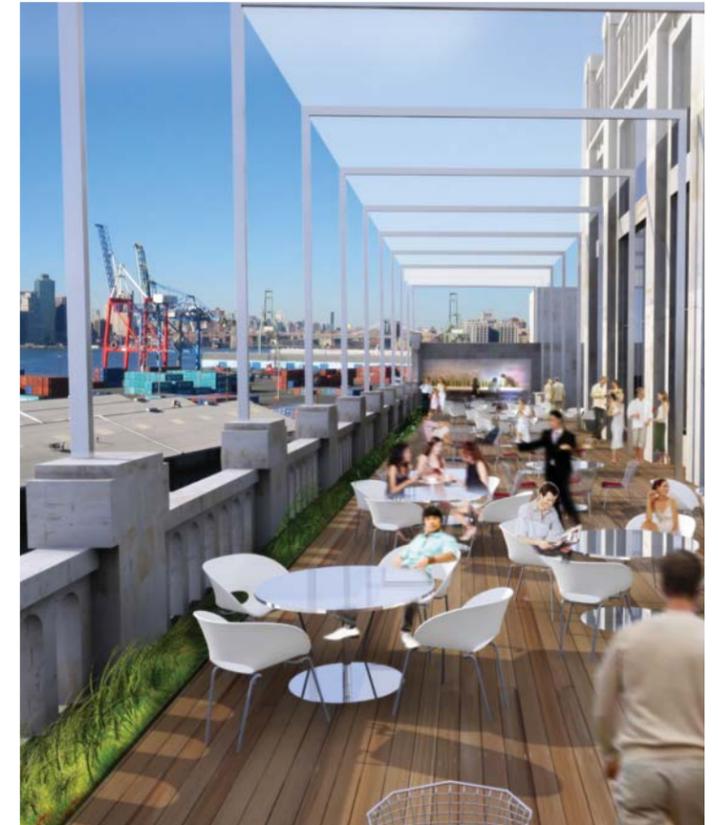
**STUDIO V**  
ARCHITECTURE

## IMLAY STREET IN ATLANTIC BASIN: WATERFRONT STUDY Brooklyn, NY

Pursuing Economic Goals by Transforming Industrial Architecture into Commercial Space

The industrial building at 160 Imlay Street was built in 1911 for the New York Dock Company Railroad. Located on the waterfront of Atlantic Basin, it affords stunning views of Governor's Island and New York Harbor. The building contains approximately 235,000 gross square feet and overlooks 550 feet of waterfront with protected views. Studio V assisted the Client to obtain approval to permit residential conversion of the top four floors of the building while the lower two floors remain industrial use for music and artist studios.

Studio V worked closely with Imlay Street Associates to design the adaptive re-use of this structure into commercial and residential uses. The top four floors of the building are being converted into 200 residences. The lower two floors will remain commercial and include artists and music studios to compliment and support the residences above. The design focuses on preserving the industrial character of the original building, while highlighting the textures and patina of the historic architecture.



**STUDIO V**  
ARCHITECTURE

## WATERFRONT EDGE DESIGN GUIDELINES

Analyzing the Market and Program Possibilities for a Former Data Center



Co-authored by STUDIO V and the Metropolitan Waterfront Alliance, the Waterfront Edge Design Guidelines (WEDG) have been created for smarter, stronger development on the waterfront.

STUDIO V has been working pro bono to create the WEDG elective guidelines, which will promote best practices in waterfront and edge design.

A pilot project of the guidelines is Studio V's Halletts Point project on the Astoria Waterfront. At Halletts Point, we are following WEDG to increase access to waterfront parks, elevate buildings above higher flood planes, create riparian gardens, and provide permeable boardwalks to improve storm water treatment. We are also exceeding existing zoning requirements, including increased connections to the surrounding community to promote public access

With the assistance of all major regulators at city, state, and federal level, MWA assembled a multi-disciplinary team of scientists, planners, agencies, architects, and waterfront users to develop and implement WEDG.

## ATLANTIC BASIN: DEVELOPMENT PROPOSAL Brooklyn, NY

Stimulating Economy of Former Industrial Complex on Brooklyn Waterfront



### WATERFRONT EDGE DESIGN GUIDELINES (WEDG) RESIDENTIAL + COMMERCIAL PROJECT SCORECARD

Y	?	N	Category 4. Ecology & Habitat (E & H)	Possible Points:	158
Y			<b>Prereq 1 Provide Preliminary Assessment of Natural Resources</b>	Required	
Y			<b>Prereq 2 Avoid Eco-Sensitive Site</b>	Required	
Y			<b>Prereq 3 Preserve and/or Enhance Quality of Existing Natural Resources</b>	Required	
			Credit 1 Provide Ecosystem Functional Assessment	6	
			Credit 2 Contribute to a Regional Ecological Restoration Plan	8	
			Credit 3.1 Fragmentation and Habitat Continuity: Increase Total Habitat Area	10	
			Credit 3.2 Fragmentation and Habitat Continuity: Increase Continuous Habitat Patches	10	
			Credit 3.3 Fragmentation and Habitat Continuity: Reduce Distance between Habitat Patches	10	
			Credit 3.4 Fragmentation and Habitat Continuity: Create Connections between Fragmented Habitats	10	
			Credit 3.5 Fragmentation and Habitat Continuity: Provide Multiple Types of Habitat	10	
			Credit 4.1 Habitat Complexity and Robustness: Emphasize Native Vegetation	12	
			Credit 4.2 Habitat Complexity and Robustness: Incorporate Invasive Species Management	4	
			Credit 4.3 Habitat Complexity and Robustness: Select Hardy Vegetation	4	
			Credit 4.4 Habitat Complexity and Robustness: Support Endemic, Endangered, and Migratory Species	6	
			Credit 5.1 Productive Ecosystems: Perform Multiple Functions and Services	6	
			Credit 5.2 Productive Ecosystems: Demonstrate Increased Value of Services	10	
			Credit 6.1 Advanced Mitigation Actions: Design for Avoiding Mitigation	20	
			Credit 6.2 Advanced Mitigation Actions: Exceed Mitigation Requirements	6	
			Credit 6.3 Advanced Mitigation Actions: Ensure Mitigation Proximity	6	
			Credit 7.1 Renewable Energy: Use Independent Energy		
			Credit 7.2 Renewable Energy: Use Water-Related Renewable Energy		
			Credit 7.3 Renewable Energy: Use Closed-Looped Water		
			Credit 8.1 Responsible Construction: Avoid Disturbance		
			Credit 8.2 Responsible Construction: Use Barging Methods		
Y	?	N	Category 6. Operations, Maintenance, & Monitoring		
Y			<b>Prereq 1 Provide Maintenance and Operation</b>		
			Credit 1 Identify Conservation Easement Opportunities		
			Credit 2 Identify Partners to Study Site (Institutional)		
			Credit 3 Provide Emergency Preparedness Plan		
			Credit 4 Provide Long-term Funding/Endowment Plan		
			Credit 5 Provide Maintenance Plan for Sustainable		
			Credit 6 Develop a Conceptual Monitoring Program		
			Credit 7 Design Maintenance and Monitoring Access		
Y	?	N	Category 7. Innovation (I)		
			Credit 1 TBD		

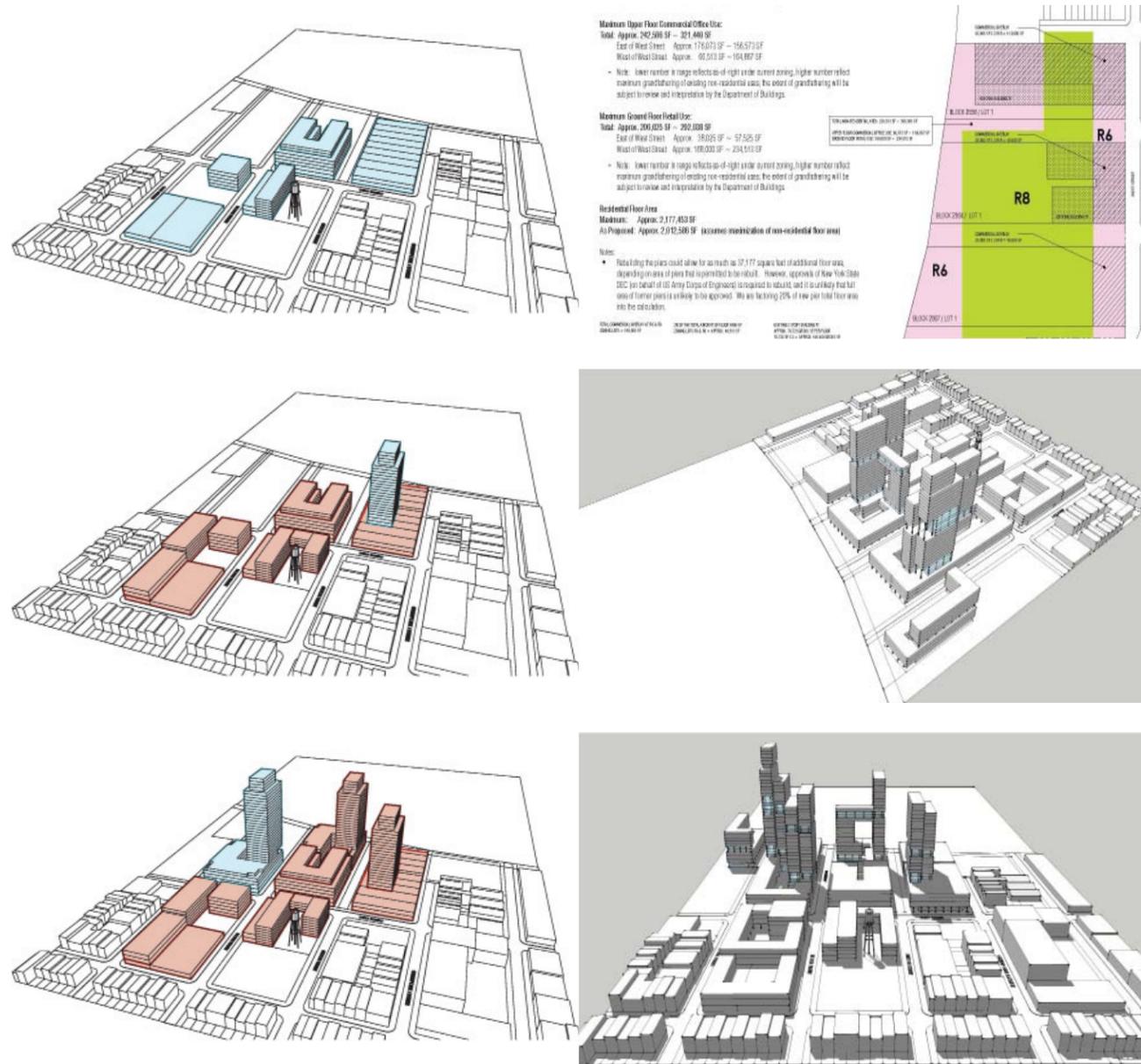


In 2006, STUDIO V responded to a request for proposals put out by the NYC EDC to transform Atlantic Basin. We led a team of developers, designers, marina engineers, and landscape architects to form the proposal that was chosen as a finalist by the EDC. Our proposal suggested that in order to achieve its full economic potential, Atlantic Basin must have sufficient critical mass to become a major New York waterfront destination.

Our approach comprised a two-phase process of marina and upland facilities development, followed by substantial additional destination commercial space, additional marina support facilities, the Harbor School, and landscaped open space. The proposal was intended to create quality jobs and increase economic viability in the neighborhood.

## GREENPOINT MIXED-USE WATERFRONT SITE: MASSING AND DESIGN STUDY Brooklyn, NY

Adaptive Re-Use to Stimulate a Former Industrial Waterfront Site in Brooklyn



For this five-block waterfront site in Brooklyn, STUDIO V conducted extensive site analysis for programming and existing neighborhood fabric and needs. Our team performed thorough zoning analysis, and presented options for as-of-right and variance developments. We delivered site plans, 3-dimensional diagrams for programming and massing, renderings, and sections. We provided three possible massing options within the allowed square footage and site constraints.

## FLUSHING RIVERFRONT Flushing, NY

From Highways to Greenways -- a Two Level Esplanade for Flushing to Re-connect Downtown Flushing to the Flushing River Waterfront Esplanade



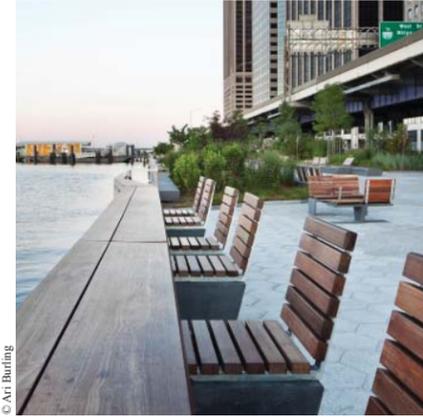
STUDIO V's design for the Flushing Riverfront will create a new mixed-use residential neighborhood on a formerly polluted industrial waterfront surrounded by highways. The program includes approximately 2.3 million square feet of residential and commercial development with retail and residential amenities at the base overlooking a new two level public esplanade along the river.

Our design for the Flushing Riverfront will re-connect Downtown Flushing to its historic waterfront. A new network of public parks and green spaces will also link the design to the adjacent Flushing Meadows Corona Park system that suffers from a series of gaps and symptoms caused by elevated highways and the river itself.

Our scope of work for the Flushing River front includes the master plan for the sites along the Flushing River, the detailed design of the parks and open space, the design of the architectural structures along and inside the park, the design of a pedestrian bridge, and the planning and design of a series of proposed infrastructure improvements including streetscape, landscaping, and upgrades to the existing subway and rail stations. It also includes extensive Brownfield remediation and sustainable planning principals, and the retention and restoration of historic structures.



## East River Waterfront Esplanade and Piers, New York, NY



### Client

New York City Economic Development Corporation

### Key collaborators

Hamilton, Rabinovitz & Alschuler  
Daniel Frankfurt PC  
Moffat & Nichol  
Haks Engineers PC  
Howard/Stein Hudson Associates  
VJ Associates  
Ken Smith Landscape Architect

### Key facts

1.5 mile redevelopment of the East River

### Key services provided

Structural, mechanical, electrical, and plumbing engineering  
Civil engineering  
Geotechnical engineering  
Sustainability consulting  
Water engineering

Arup is the prime consultant working to revitalize a neglected section of riverfront land in lower Manhattan and transform it into a spectacular waterfront esplanade.

Arup is reconnecting the communities of Lower Manhattan and East River by creating a people-friendly promenade with a bikeway, pier for vessels, and an eco-park.

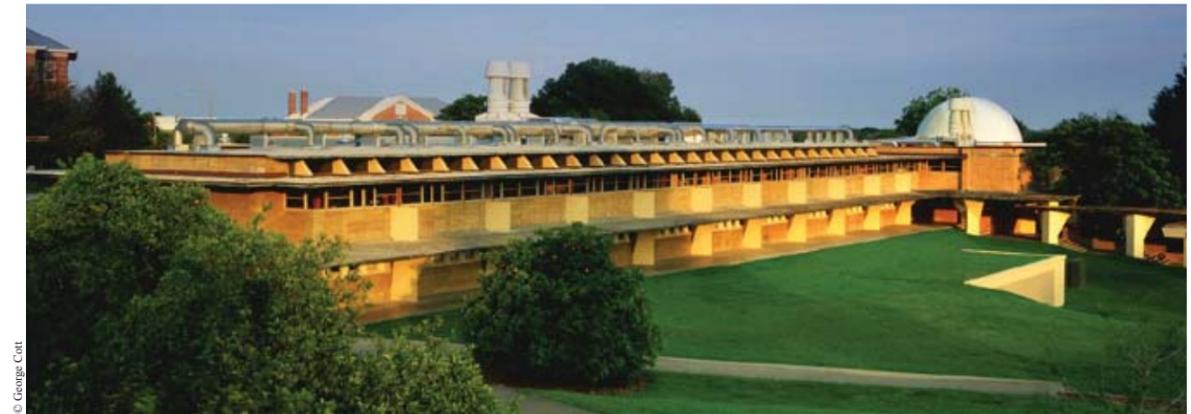
Due to congestion to the north of the area, we designed a pile-supported walkway over the water to increase width. By including the pier into the design we were required to comply with strict standards relating to water and we met these through innovative design and experience.

We also incorporated existing infrastructure into the sustainability strategy by harvesting the water captured in the run-off from FDR Drive.

www.arup.com

ARUP

## FSC Polk County Science Building, Lakeland, Florida



### Client

Florida Southern College

### Key collaborators

John McAslan + Partners  
Lunz Prebor Fowler Architects

### Key facts

6000m<sup>2</sup> Frank Lloyd Wright building

### Key services provided

Structural, mechanical, electrical, and plumbing engineering  
Fire protection  
Façade engineering

### Selected awards

AIA Tampa Bay, Merit Award for Architecture 2001

With the successful development of a replication block mix by Arup Research and Development Group, FSC decided to renovate the Polk County Science Building.

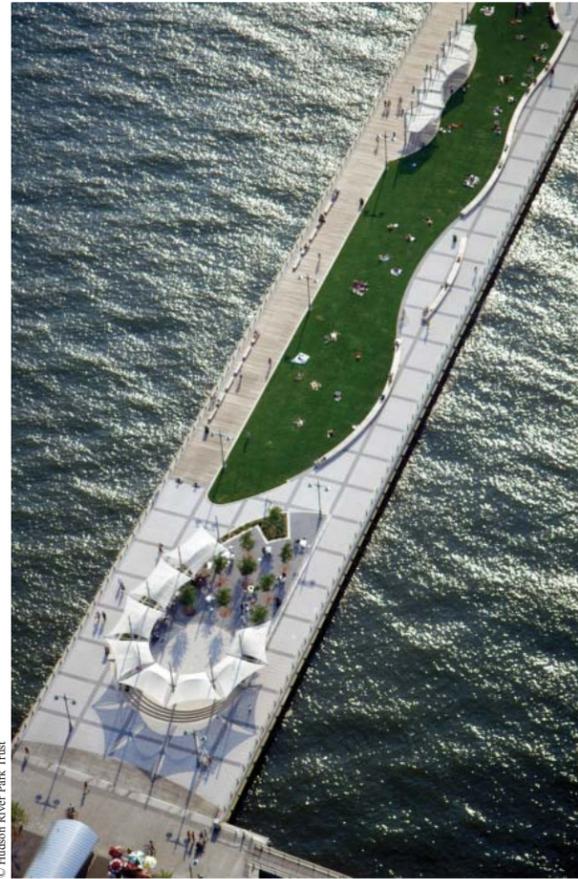
The campus of Florida Southern College is the largest collection of Wright buildings in a single location. Begun in 1938 the last of the 11 buildings was erected in 1958.

Wright's famous textile block technology was used throughout the campus. This project began for Arup as an investigation of the deterioration of the textile block wall system in hopes of developing a replacement mix suitable for the College to use in ongoing repairs. Works included introduction of new Heating, Ventilating, and Air Conditioning (HVAC), electrical and plumbing systems and new services to updated laboratories.

www.arup.com

ARUP

## Hudson River Park, New York, NY



### Client

Hudson River Park Trust

### Key collaborators

Bovis Lend Lease, Inc.

### Key facts

550-acre, 5-mile long historic waterfront regeneration project

Park includes eight newly-constructed piers, 12 park buildings, a carousel, tennis and soccer fields, playgrounds, and dog runs

### Key services provided

Design management  
Project management  
Permitting  
Security consulting  
Subconsultant coordination

This project regenerates a section of historic waterfront. Arup's design ensures the park can be enjoyed by many while also having the least impact on the environment.

The Hudson River Park is the largest open space project to undergo construction in Manhattan since the completion of Central Park. Bicycle and esplanade pedestrian paths, including the Manhattan Waterfront Greenway, span the park north to south, opening up the waterfront for recreational use.

Over the past 13 years, Arup has provided engineering design, engineering studies, peer review, security and acoustics consulting, and project management supporting the design, construction, and operation of this 550-acre park. We assisted the client in the creation of parkwide design and utility guidelines and, more recently, provided engineering and logistical support to the park in its recovery from damages due to Superstorm Sandy.

ARUP

www.arup.com

## Hunter's Point South, Long Island City, NY



### Client

New York City Economic Development Corporation

### Key collaborators

Thomas Balsley Associates  
Weiss/Manfredi Architects

### Key facts

Green infrastructure pilot  
3,400ft of new/reconstructed streets  
7,500ft of new sewer infrastructure

### Key services provided

Structural, mechanical, electrical, and plumbing engineering  
Civil engineering  
Fire/life safety consulting  
Geotechnical engineering  
Project management  
Site lighting  
Sustainability consulting  
Transport planning

### Selected awards

AIA New York, Urban Design Merid Award, 2013

Arup has given life to a masterplan that transforms a former industrial site into a sustainable and vibrant urban neighborhood.

Hunter's Point South is an ambitious development project that has rejuvenated and transformed this prominent piece of New York City waterfront. Located on the East River in Long Island City, Queens, this 30-acre mixed-use neighborhood development includes a waterfront park, housing, retail, schools and community space.

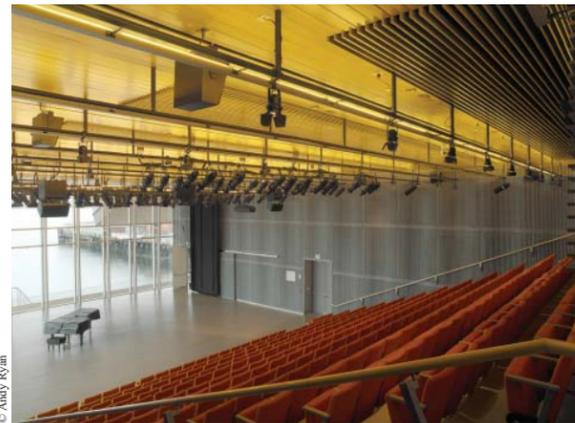
Our team developed strategies to enhance the urban experience, creating an environment that is sustainable and transformative. Arup implemented pedestrian-friendly streets, a network of bike lanes, and an urban landscape promoting public space and tying together this new urban community.

The park comfort station, maintenance and office building will be LEED Silver-certified and include photovoltaic power systems.

ARUP

www.arup.com

## Institute of Contemporary Art, Boston, MA



**Project owner**  
Institute of Contemporary Art

**Client**  
Diller Scofidio + Renfro  
Perry Dean Rogers Partners  
Architects

**Key facts**  
65,000ft<sup>2</sup> building with dramatic  
80ft cantilever  
17,000ft<sup>2</sup> of exhibition space and  
325-seat theatre  
First new museum in Boston in 100  
years

**Key services provided**  
Structural, mechanical, electrical,  
and plumbing engineering  
Fire/life safety consulting  
Lighting design

**Selected awards**  
ACEC Platinum Engineering  
Excellence Award, 2008  
AIA New York Architecture Honor  
Award, 2007

Cantilevering the top floors towards the water's edge created a column-free gallery space and a dramatic waterfront below.

The design challenge for Boston's ICA was to meet the museum's space and exhibition needs within a footprint constrained by a 75ft height limit and a high water table due to its location on the city's Fan Pier.

The result, after more than 30 models, was a competition-winning design. This cantilevered the top two floors of a four-story structure 80ft towards the water's edge, creating a column-free gallery space at the top. There is a dramatic, sheltered outdoor waterfront space below.

Two enormous trusses support the overhanging top floors, home to 15ft-high open galleries and a media center whose angled contour dips down out of the overhang.

ARUP

## Miami Science Museum, Miami, FL



**Client**  
Miami Science Museum &  
Planetarium

**Key collaborators**  
Grimshaw Architects

**Key facts**  
180,000ft<sup>2</sup> facility  
550,000-gallon tank  
\$160m construction cost  
Scheduled to open 2015

**Key services provided**  
Structural, mechanical, electrical,  
and plumbing engineering  
Façade engineering  
Fire/life safety consulting  
Acoustic consulting  
Venue consulting  
Information technology and  
communications (ITC) consulting  
Audiovisual systems design  
Security systems design  
Architectural lighting design  
Civil engineering

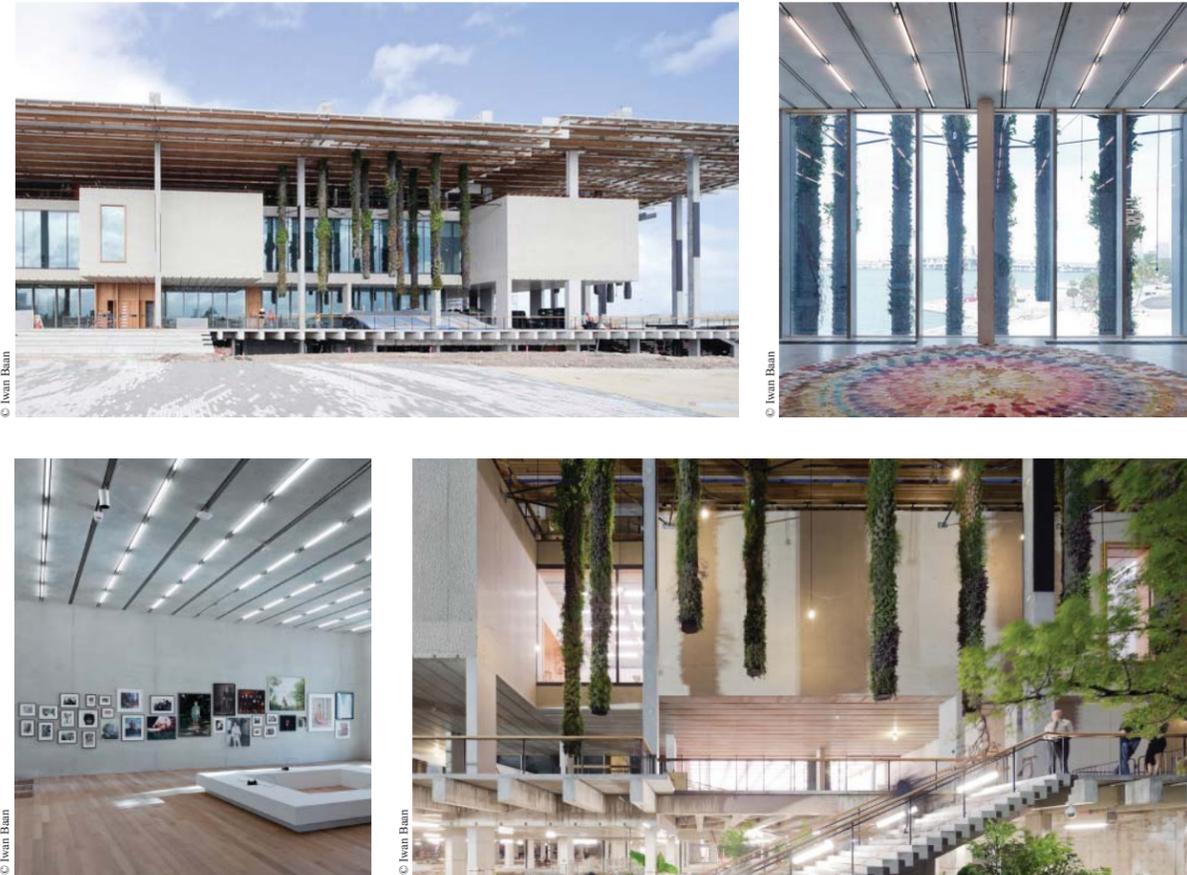
Arup offered an economical and buildable solution for the innovative 500,000-gallon gulf stream tank, which is the focal point of the museum design

The new Science Museum will be built next to the proposed Miami Art Museum on Bicentennial Park in Miami, Florida, and will include general science and significant aquarium exhibits. The centerpiece is a 550,000-gallon gulf stream aquarium tank. The center will also include tropical coral reefs, large tanks for sharks and rays, a rooftop observatory, and a 300-seat planetarium sphere.

The design for the tank is an inclined cone sliced horizontally at the top and on a diagonal at the bottom. It is envisioned that at least a portion if not the entire top of the tank will be open and the water surface will be exposed to external elements.

ARUP

## Pérez Art Museum Miami, Museum Park, FL



### Client

Miami Art Museum  
Paratus Group

### Key collaborators

Herzog & de Meuron  
Handel Architects

### Key facts

125,000ft<sup>2</sup> new facility  
Adjacent to the new Miami Science Museum  
Targeting LEED Silver certification

### Key services provided

Structural, mechanical, and electrical engineering  
IT and communications consulting  
LEED consulting  
Lighting design

The museum's a long-span column-free gallery spaces have been designed to resist hurricane loads while maintaining the aesthetic architectural concrete.

The new Miami Art Museum will be an anchor of the 29-acre Museum Park, a redeveloped downtown waterfront that will provide a vibrant mix of green space and cultural offerings. Set on a raised podium and under a broad canopy, the museum will include Class 1 fine art gallery space, a museum shop, bistro, auditorium and additional visitor facilities.

The building represents materials manipulation at its finest, with architectural and structural concrete melding to form a plastic union of textural expression. The overhead canopy forms a dramatic capstone to the building, providing shading even from the punishing winter sun while tempering the natural daylighting in the interior galleries. Vertical hanging gardens and lush landscaping provide an exterior articulation of life from an otherwise imposing façade.

www.arup.com

ARUP

## Pier A, Battery Park City, New York, NY



### Client

Battery Park City Authority

### Key collaborators

H3 Hardy Collaboration  
Architecture

### Key facts

\$40m restoration of 36,000ft<sup>2</sup> pier shed plus planning/design of 30,000ft<sup>2</sup> plaza

### Key services provided

Program management

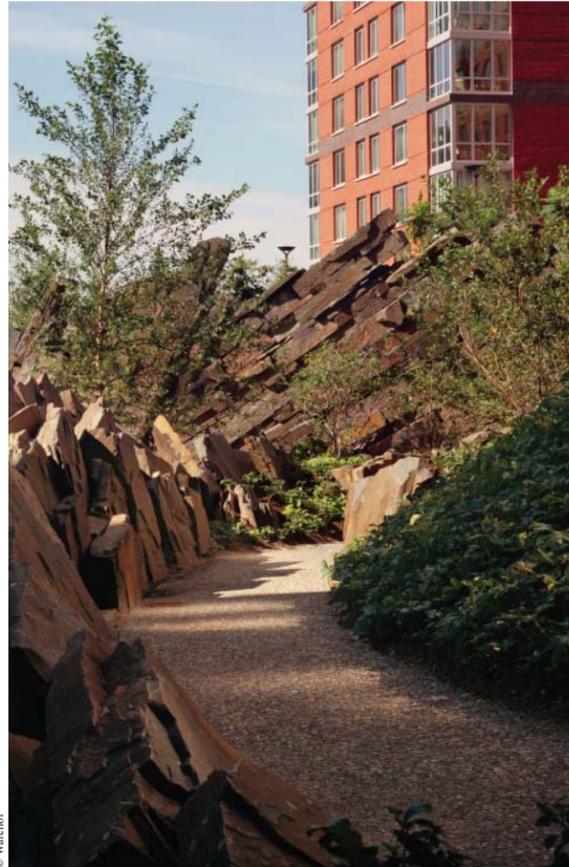
Pier A, the oldest surviving pier in New York City, is currently undergoing a complete restoration and renovation to be reopened as a first-class destination.

Pier A is located on the Hudson River at Battery Park and is listed as a historic landmark. The building is a 2-level facility mostly supported on the pier, and surrounded by a promenade. The tenant will operate it as a year-round food and beverage facility. The extensive upgrading includes restoring the historic wooden façade to provide a vapor barrier and insulation suitable for a modern, energy-efficient air-conditioned space. The plaza required planning to obtain Waterfront Zoning and meet City agency requirements. Arup's role as owner's representative is to assist in resolving a number of issues, including previous foundation settlements, accommodating FEMA extreme flooding, the historic promenade strengthening, historic façade upgrading, code issues, and HVAC to suit tenant and LL86 energy requirements, also prime consultant for the plaza planning, design approvals and implementation.

www.arup.com

ARUP

# Teardrop Park, New York, New York



© Warehol

## Client

Battery Park City Authority

## Key collaborators

Michael Van Valkenburgh Associates, Inc.

## Key facts

1.8-acre public residential park  
27ft bluestone wall centerpiece  
Completed 2004

## Key services provided

Civil engineering  
Structural, electrical, and plumbing engineering

## Selected awards

American Society of Landscape Architects (ASLA), Design Honor Award, 2009

Designed primarily as a landscape for children, the park's spatial structure and reinterpretation of natural form makes a place for exploration and movement.

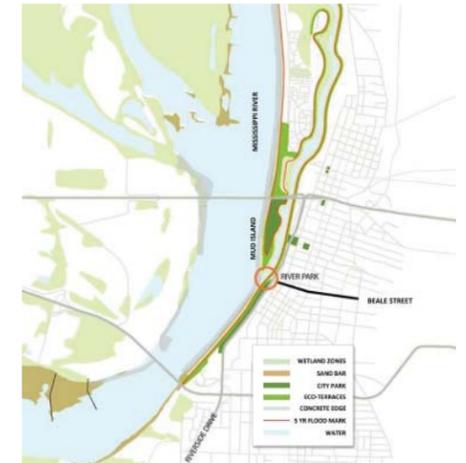
Covering an area of approximately 2 acres, the Teardrop Park site is located in downtown Manhattan within the Battery Park City Development area. The park is situated among four tall buildings and incorporates elemental site features that recall the natural landscape of New York. These elements took the form of stone structures, earth forms, water features and landscape.

The park infrastructure includes the first rainwater harvesting system for an outdoor space in NYC, which is operated in conjunction with the water reuse system in the adjacent Solaire Building.

www.arup.com

ARUP

HMWhite



## BEALE STREET LANDING WATERFRONT PARK MEMPHIS, TENNESSEE

Located at the foot of Memphis' historic Beale Street, a new waterfront park emerges out of the Memphis Riverfront Development Corporation's need for a new ferry terminal with underground parking structures – designed within to accommodate and absorb the seasonal flows of the Mississippi River. As executive landscape architect, collaborating with Balmori Associates, HMWhite led a multi-disciplinary team to transform this riparian public landscape into a multi-purpose waterfront asset that capitalizes on Memphis' regional waterfront natural resource.

The ferry landing and terraced park reside within the Mississippi River's annual flood zone. To ensure long term vitality and landscape durability, HMWhite provided site engineering and design expertise to integrate the landscape within a complex set of site, architectural and engineering requirements.

## PROJECT FEATURES

3.6 acres  
Floodplain resilient design  
Historic Mississippi riverfront  
Riverfront accessibility  
35% increase in native riparian plantings  
Activity pods spatially organized above flood levels  
1.5 acres of regenerated park land  
Complex subterranean parking structure / landscape fusion

## COMPLETION

Fall 2013

## COST

\$8.6 Million

## CLIENT

Memphis Riverfront Development Corporation

## DESIGN TEAM

Design Architect: RTN  
Architect of Record: Bounds & Gillespie Architects  
Landscape Designer: Balmori Associates  
Structural and Civil Engineers: SSR Ellers  
Lighting Designer: L'Observatoire International

SITE ARCHITECTURE | LANDSCAPE URBANISM



- Transitional riparian soil strata and planting soil profiles integrated as part of shoreline stabilization
- Plant communities derived by their ability to support and thrive within engineering soil profiles
- Established seamless and invisible interface between structured and at-grade landscape development
- Developed low maintenance planting design informed by opportunities and limitations of planting infrastructure.



- Developed a matrix of site construction systems to withstand river surges and powerful current flows
- Developed a landscape management plan to ensure long term landscape design intentions and works with the site's district riparian, hydrologic, geotechnical and vegetation habitat conditions



RIVERFRONT VIEW



**PERFORMANCE PARK**  
ENVIRONMENTAL URBAN DESIGN  
BROOKLYN, NEW YORK

HMWhite's masterplan develops seven-acres of former industrial land on New York City's East River. Entitled "Performance Park", the design incorporates a dynamic public open space offering waterfront recreation and a unique cultural venue for theatrical expression and experience.

Drawing from the site's industrial heritage, the design is inspired by rail interchange systems to extend the urban streetscape into the park and link it with the river. The concept proposes to sculpt the site's flat terrain and interweave a network of paths, platforms and structural elements to emphasize experience of the river's edge, showcase urban views and provide spaces for performances and art installations.

**Interactive Infrastructure**

- Architectural pavilions house park amenity services
- A network of walkways offers access to transportation services and views of the wetland and urban backdrop.
- A system of plazas and stages provide flexible spaces for public gatherings, recreation, and events.
- Three crane towers control rigging systems for stage purposes.

**PROJECT FEATURES**

- Competition
- Riverfront Multi-use Park
- Architectural pavilions
- Performance amphitheater and stage
- Outdoor markets
- Wetlands restoration
- Storm water remediation
- New tidal inlet channel

**COMPLETION**

N/A

**COST**

N/A

**CLIENT**

suckerPUNCH Architectural Association



**ECO-LANDFORM**

**MEADOW BERMS**

Vegetated ridgelines permeate and frame the park to immerse visitors into the landscape. The swelling berms highlight riparian grass meadows crested by tree groves extending into the streetscape and establishing visual screening from adjacent high-rise developments.

**AMPHITHEATER LAWN**

A series of warped lawn planes form a sculpted amphitheater surrounding the Main Stage for flexible audience seating or lounging on the grass to view the city backdrop.

**RIVER SWATH**

Expanding the river's edge into the park forms a tidal inlet channel and marks its pre-industrial expanse with a series of cascading pools. Layered swaths of wetland meadow plantings along the river's edge restore its brackish wetland ecology and establish a storm water capture and remediation zone for the park.



**1005 FIRST STREET NE  
PLAZA, STREETScape & ROOF TERRACE DESIGN  
WASHINGTON D.C.**

**PROJECT FEATURES**

- High Profile Public Project w/ local NoMa BID
- Traffic Calming with Speed Tables
- Rain Water Harvesting
- Public Open Space Programming
- Landscape/Green Infrastructure as Place-Making
- Bio-trench Sidewalk Tree Planting
- Public ROW Streetscape and Plaza Interface
- Water Features as Play Sculpture and Social Activator
- Living Roof Terraces
- Potomac River riparian native plant communities
- Biophilic Design

**COMPLETION**

2015

**COST**

Estimated \$3.75-\$4.25M

**CLIENT**

First Potomac Realty Trust  
Perseus Realty

**DESIGN TEAM**

Architect: HKS  
Fountain Consultant: CMS Collaborative, Inc.

Charged with integrating an in-fill, mix-used development's 42,000 SF bi-level plaza with DC's NE NoMa neighborhood, HMWhite's design draws upon inspirations from L'Enfant's city street and block plan. This public realm design re-envisioned First Street and its accompanying sidewalk and open space realm as a curbsless street where cars and pedestrians safely co-exist.

Known as a Woonerf (Dutch street design term), the pedestrians and cyclists share the street with motorists within a visually cogent and enlarged multi-purpose public space. Vegetative and water surface perforations serve as storm water management "sponges." A network of surface materials, landscape elements and streetscape furnishings achieve layered systems to establish a visually cohesive address and central "place" within NoMa's BID.

Contact: Henry Hill – HKS, 202.682.6289  
Kevin Keuleman – Perseus Realty, 202.741.1890



**SEWARD PARK**  
MIXED-USE OPEN SPACE DESIGN  
NEW YORK, NEW YORK

**PROJECT FEATURES**

- Public open space "green" infrastructure expansion
- Enhanced neighborhood connectivity
- Environmental network and system improvements
- Integrated streetscapes to piazzas, parks & ground floor building uses
- Native plantings minimize water requirements
- Sports/recreation park to serve community
- Green space network design = stormwater management solution
- Permeable pavements throughout
- Urban forestry improvements = urban heat island reductions

**COMPLETION**

N/A

**CLIENT**

New York City Economic Development Corporation  
NYC Economic Development Corporation  
RELATED Companies  
Michael Gilbane – RELATED, VP,  
212.801.3964

**DESIGN TEAM**

Architect: Perkins Eastman, BKSK, Davis Brody Bond



Each public space design intervention grabs unused and fragmented traffic islands and disenfranchised sidewalks into a larger more usable cohesive urban landscape- bringing large bouts of nature back to the lower East Side.

The social and economic vitality of earlier periods of the lower east side will be reactivated by the quality and functional ease of the open space network. Places for residents and visitors to have flexibility of barrier free movement with varied spaces and moments to rest, congregate, play, bike, shop and simply wander within a sequence of leafy environments.





- 2014 National AIA Honor Award
- 2013 ASLA National Chapter Honor Award
- 2013 ASLA New York Chapter Honor Award
- 2013 LEED Gold - U.S. Green Building Council
- 2013 International Architecture Award  
The Chicago Athenaeum
- 2013 AIA New York State  
Design Award Citation
- 2013 MASTerworks Award: Best New Urban  
Amenity - The Municipal Art Society of NY
- 2013 Building Brooklyn Award  
National Grid Award for Energy Efficiency



- 2013 American Council of Engineering Companies  
Nominated for Engineering Excellence Award
- 2012 Annual Design Review  
Architect Magazine
- 2012 Green Good Design Award: Green  
Architecture, The Chicago Athenaeum
- 2012 Best Projects: ENR New York
- 2012 Best New Architecture in New York  
New York Observer
- 2009 Award for Excellence in Design  
NYC Public Design Commission

**BROOKLYN BOTANIC GARDEN VISITOR CENTER**  
LANDSCAPE AND LIVING ROOF  
BROOKLYN, NEW YORK

**PROJECT FEATURES**

- 2.8 acres of new landscape (124,000 sf)
- Rain garden plazas
- 10,000 SF wildflower and prairie grass green roof
- Bio-Infiltration basin network
- Addition of over 90 native plant species
- Landscape based storm water management
- Transplanted 47" cal.; 30' dia. rootball; 75' tall  
Ginkgo tree

**COMPLETION**

June 2012

**COST**

\$28 million

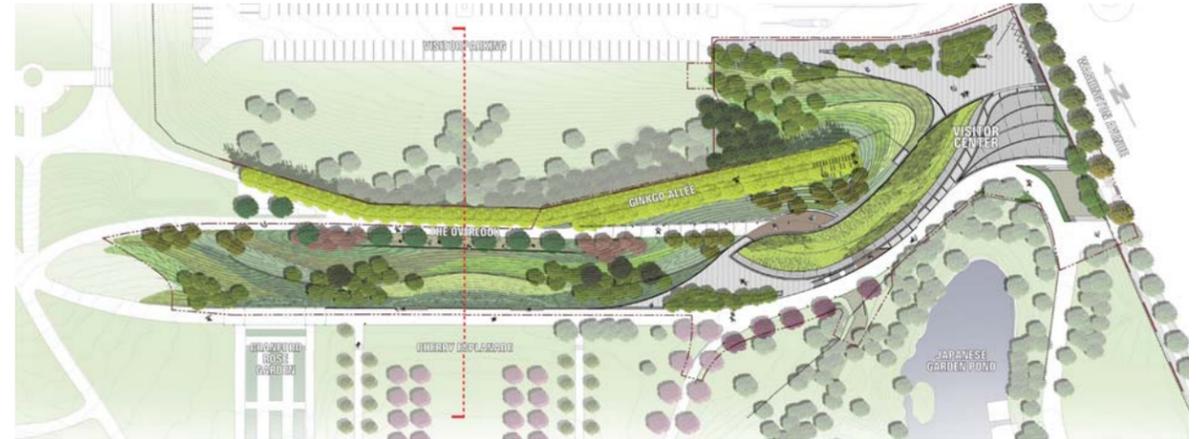
**CLIENT**

Brooklyn Botanic Garden

**DESIGN TEAM**

- Architect: Weiss/Manfredi
- Structural Engineer: Weidinger Associates
- MEP & Civil: Jaros, Baum & Bolles Consulting Engineers
- Sustainability: Viridian Energy and Environmental
- General Contractor: EW Howell
- Construction Manager: LIRO

LEED® Gold Certified



**STORMWATER MANAGEMENT**

A network of storm water collection features an extensive green roof, storm water channel, vegetated swales and bio-infiltration basins. Collectively, these elements retain storm water on site to facilitate natural filtration and ground water recharge and discharge to the municipal sewer.

**SOIL RECLAMATION**

Contaminated soils in the historic fill demanded remedial action. Distinct soil profiles were designed to reconstruct existing soils and restore viable soil biology to support each diverse horticultural conditions. The bio-infiltration basin's loose deep soils absorb water and filter pollutants and expand the volume of storm water capture. Structural soils in plazas provide contiguous expansive soil volumes to sustain limitless tree root growth under paved areas.

**HORTICULTURAL EXHIBIT**

The planting design demonstrates how a specific mix of plant species and types can regenerate high performing ecologies. Informed by native plant communities, botanic collections are organized in bold drifts, from upland to lowland typologies that knit the Visitor Center landscape into the existing and establish a resilient design structure for future garden expansion.





**BROOKLYN BOTANIC GARDEN VISITOR CENTER**  
PUBLIC PLAZA, LANDSCAPE AND LIVING ROOF  
BROOKLYN, NEW YORK

**PROJECT FEATURES**  
2.8 acres of new landscape (124,000 sf)  
Rain garden plazas  
10,000 SF wildflower and prairie grass green roof  
Bio-Infiltration basin network  
Addition of over 90 native plant species  
Landscape based storm water management  
Transplanted 47" cal.; 30' dia. rootball; 75' tall  
Ginkgo tree

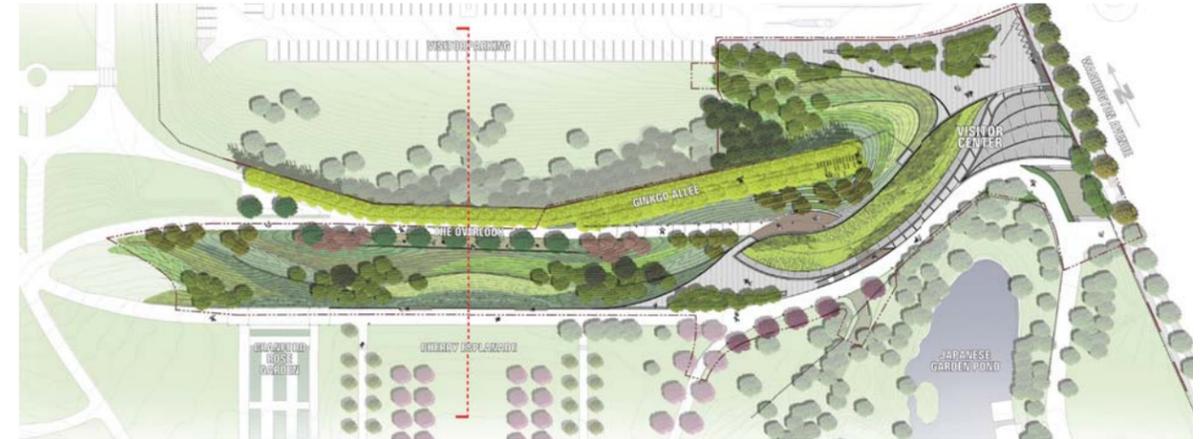
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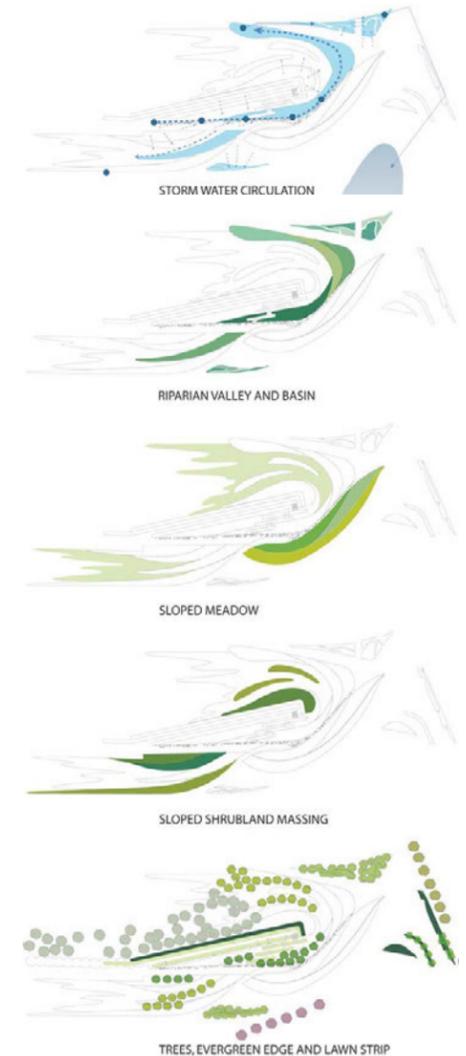
**LEED® Gold Certified**

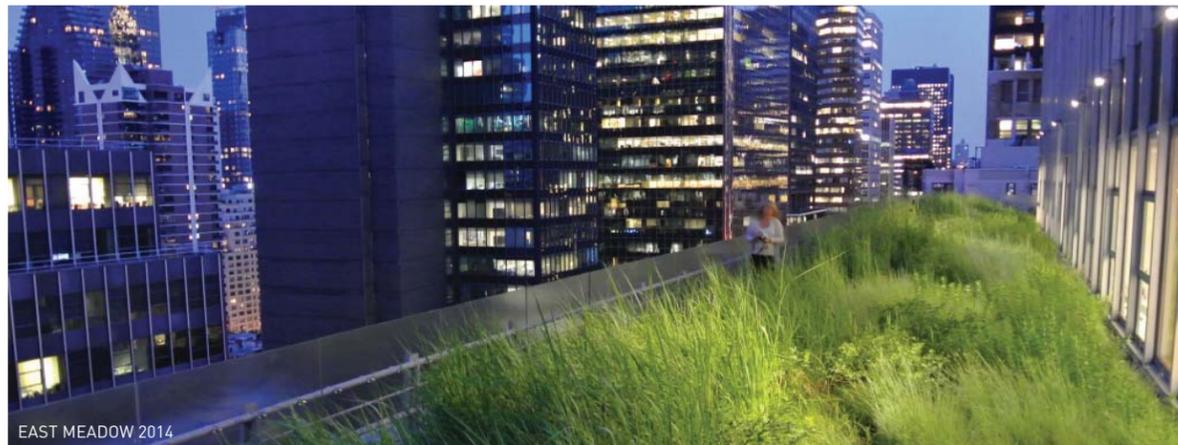


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EAST MEADOW 2014



SUMMER 2013



INTERIOR VIEW 2013

**MIDTOWN MANHATTAN SKY GARDEN**  
OFFICE LIVING ROOF RENOVATION  
NEW YORK, NEW YORK

**PROJECT FEATURES**

- 6,500 sf Retrofit
- Green Roof biophilic design for office
- Wind Code Compliance
- Outdoor Office / Conference Terrace
- Prairie Meadow Garden
- 6" Growing Medium
- 270° Garden Frontage
- Putting Green

**COMPLETION DATE**

Fall 2011

**COST**

\$1,600,000

**CLIENT**

Shorenstein Realty

**DESIGN TEAM**

- Architect: Gertler & Wente Architects
- Structural Engineer: Urban Tech
- MEP: AKF Engineers
- Lighting Designer: Atelier Lumiere
- Landscape Contractor: New York Green Roofs

Redefining the 17th floor of the historic Western Publishing Building in midtown Manhattan, HMWhite created a contemporary garden terrace as an extension of Shorenstein Properties' new corporate offices. The 6,500 square-foot living roof establishes a biophilic transformation of the office environment and daily employee experience. A lush garden wraps the building and visually merges interior office spaces with a meadow landscape.

The entire garden is carefully engineered to knit with building infrastructure to prevent potential wind uplift, accommodate significant weight restrictions and support a sophisticated, multi-seasonal plant palette tolerant of extreme growing conditions. The elongated meadow design incorporates drought tolerant grasses, perennials and spring bulbs—punctuated by flowering trees in structurally specific locations. The office interior links with the exterior via a series of wooden platforms embedded in the landscape creating flexible "break-out" meeting spaces and places of respite.



2013



2012



2013



2012



\*2002 AIA Kansas Chapter Award for Design Excellence



**ST. GEORGE BALLPARK AND WATERFRONT PARK**  
OPEN SPACE / WATERFRONT DESIGN  
STATEN ISLAND, NEW YORK

**PROJECT FEATURES**

- 25 Acre Development Site
- 20 Acres Open Space
- 1.1 mile Waterfront Access
- Waterfront Accessibility
- Certified IPE Deck Esplanade
- Regeneration of Marine Ecosystem
- Landscape Based Storm Water Management
- Woodland Vegetation Preservation
- Contaminated Soil Remediation
- Phytoremediation
- Traffic Calming Speed Tables
- Active and Passive Recreation Amenities

**COMPLETION**

Summer 2001

**COST**

Project: \$72 million

Site: \$2.75 million

**CLIENT**

NYC Economic Development Corporation

**DESIGN TEAM**

Architect: HOK Sport Facilities Group (Populous)

Marine Engineer: Han Padron (Halcrow)

Civil Engineer: Edwards & Kelcey (Jacobs)

As waterfront design consultants, HMWhite developed a comprehensive open space design for a one-mile long stretch of Staten Island's St. George waterfront in conjunction with the new Staten Island Yankee's ballpark. As part of a bi-level open space system the ballpark was used as a means to create multiple linkages that connect Richmond Terrace to a shoreline esplanade, stadium entry plazas, municipal and ballpark parking, future light rail station, marine woodland walkways and bike paths. The master waterfront development plan reconciled the ballpark and site circulation requirements with shore stabilization- all coordinated within a regenerated marine upland landscape context.

Provisions for future light rail were accommodated with municipal parking, playgrounds, a fitness course, a mixture of ballpark support amenities and a richly detailed public environment as the basis for improving the district's economic development potential. The landscape design approach required the holistic understanding of the site's ecology and contaminated soil conditions. HMWhite employed bio-engineering to manage stormwater run-off as well as soil remediation strategies that form the basis of a landscape infrastructure.



To remediate brownfield conditions, the site and landscape design features:

**Active & Passive Recreation Amenities**

Bike and pedestrian paths, meandering within marine woodland and meadows, strengthen regional waterfront access connectivity

**Capped Contaminated Soils**

Sculpted new landforms cap damaged soils and introduce a distinctive topography.

**Regeneration of Shoreline Ecosystem**

Continuous native marine woodlands absorb and cleanse water, remediate soil, and create wildlife habitats as a re-assembled fragmented landscape

**Storm Water Management Integration**

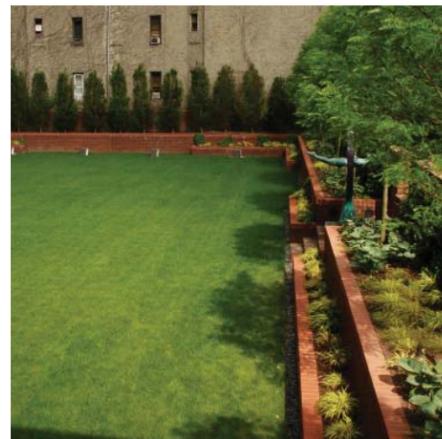
System of bio-infiltration basins filled with 30,000 emergent salt marsh forbs and grasses

**Preserved Mature Woodland Vegetation**

Expanded woodlands extend valuable existing mature trees as the park's spatial structure

**Native Poplar Groves**

Poplar groves phyto-remediate and create a visually distinctive and sustainable environment entry plazas



**RIVER TERRACE**  
RESIDENTIAL PARK RENOVATION  
NEW YORK, NEW YORK

**PROJECT FEATURES**

- 10,500 SF
- 7,500 SF Green Roof Retrofit
- Bi-level garden for residents & spa
- Yoga Terrace
- Playspace / Activity Terrace
- Strict budget renovation
- Birch tree grove preservation
- Bamboo forest terrace garden
- New cantilevered IPE decks
- Seasonal Planting Design
- Hornbeam Hedgerow

**COMPLETION**  
June 2007

**COST**  
\$1.85 Million

**CLIENT**  
River Terrace Apartments  
Brookfield Equities  
C&K Properties

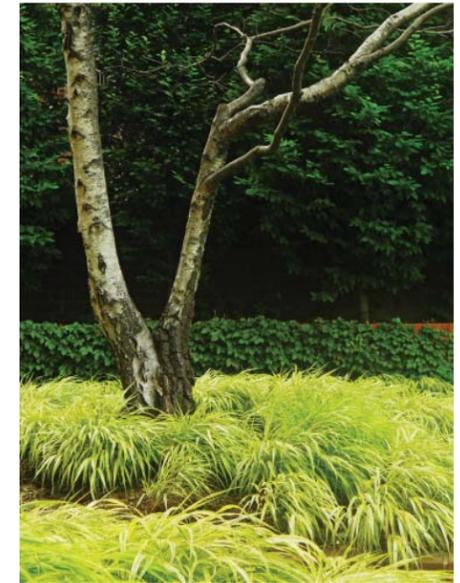
**DESIGN TEAM**  
Architect: Acheson Doyle Partners Architects  
Design Architect: Bonetti / Kozerski

To capitalize on this generous courtyard and roof terrace space, HM-White envisioned a multi-level garden that both utilizes the finest elements of the original garden and creatively transforms barren unused roof space. The landscape concepts emerge from redefined exterior spaces that are designed and programmed as direct extensions from new internal uses. Strong visual and functional relationships have been created to blur garden-structure junctions. As an unparalleled residential amenity, this vast private garden is anticipated to be the new “place to be” in the competitive residential market.

The comprehensive condominium conversion incorporates a renowned spa’s lifestyle and facilities into the building’s amenity offerings. The garden design supports spa activities, children’s programs, as well as a series of diverse landscape sanctuary spaces. HMWhite’s design skillfully works with the constraints of the existing structure and more than doubles the accessible landscape as an object of beauty and occupation.



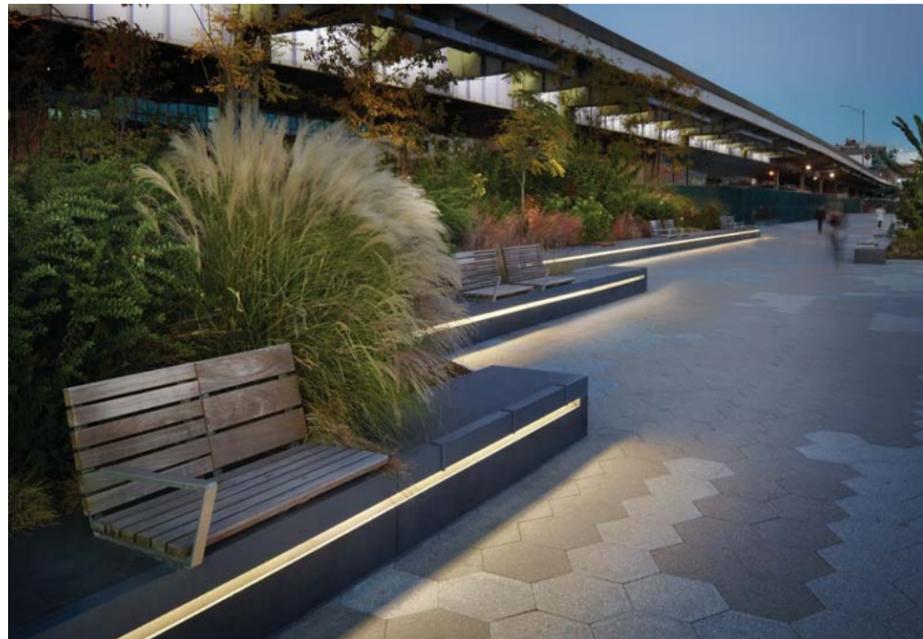
Floating terrace platform planes, introduced over the existing roof, are surrounded by a dense Bamboo grove. One is visually encased within the Bamboo that shields undesirable neighbors while framing visual connections to the courtyard below. Lawn and timber platforms provide use flexibility and variety. Their form and positions evoke mystery and draw a curious user in to experience garden sensualities.



East River Waterfront  
New York, NY



Featuring the structure of the FDR Drive, the lighting provides a unique and iconic nighttime experience and invokes the magical quality of the water and the urban character of the lower New York City waterfront. The site stretches along the East River, starting from the Battery Maritime Building and includes the Brooklyn and Manhattan Bridges. The lighting defines the area at night, providing illumination levels that encourage nighttime pedestrian use, imparting a feeling of safety without detracting from the water views. By washing the continuous east facing girder of the FDR Drive's elevated roadway, the area along the water's edge is indirectly illuminated in a glare-free manner. Vertical ribs of light at the exterior face of the handrail add a "fringe" to the girders' "ribbon" of light to create an iconic image when viewed from the opposite shore.



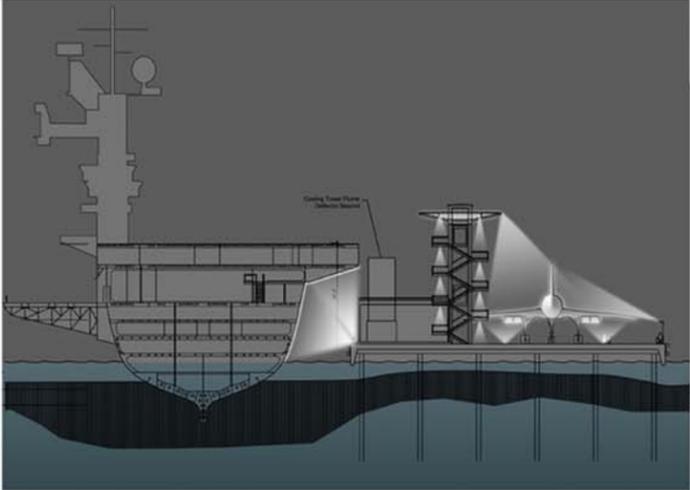
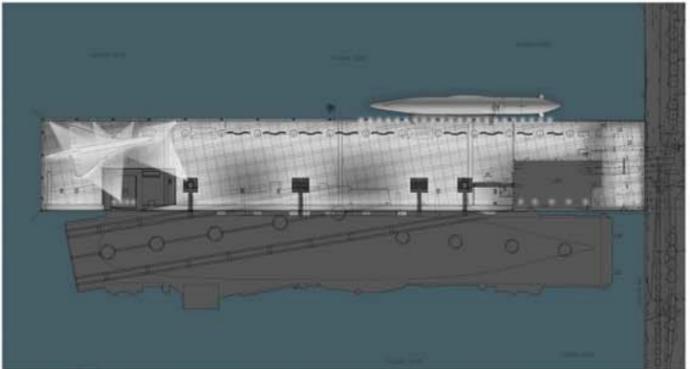
East River Waterfront  
New York, NY



The Pier 15 glowing underbelly is indirectly lit with linear fluorescent fixtures that link the upper and lower levels of new public space. A special stadium seating area that drops down to the level of the water is set apart with a field of LED point lights above.



Pier 86  
Intrepid Sea, Air, & Space Museum  
New York, NY



The new pier, part of the Hudson River Park Trust, provides gathering areas for major events and for visitors to the Intrepid Sea, Air, and Space Museum exhibits within a transformed, three-acre site. Pole lights, incorporated into a series of removable sail-like canopies, illuminate the promenade, and additional floodlights feature the U.S.S. Growler and the Concorde. Four elevator and stair towers, with uplighted glass overhangs form platforms for pedestrian bridges to the ship.

Reference:  
John Woelfling  
Principal  
Richard Dattner & Partners Architects  
130 West 57th Street  
New York, NY 10019  
212.247.2660

Governors Island  
Parks & Public Spaces  
New York, NY



The quintessentially unique quality of the island, from a lighting point of view, is its ability to be an observatory. The lighting design approach is fundamentally devoted to creating a luminous spatial character of the landscape, allowing the observer to appreciate the Island's surroundings. Whereas the radiant skyline surrounding the Island acts as a visual focus for the user looking out, the luminous natural features within the Island serve as destinations for the user looking within. The absence of light also forms spaces. It provides a retreat for users to appreciate the Governor Island's pastoral nature and the magical nighttime quality that makes it a place like no other. The lighting design highlights the destinations and features to draw users from one space to another and reduces distractions from their pathways, and therein creates a contextual place that preserves the New York skyline as it currently exists.

**Exterior Lighting Projects**

50 Avenue Montaigne - Paris, France \*  
KPF Interior Architects

63 LTT - Hanoi, Vietnam \*  
Kohn Pedersen Fox Associates

320 Park Avenue - New York, NY \*  
Swanke Hayden Connell Ltd.

550 South Hope Street - Los Angeles, CA \*  
Kohn Pedersen Fox Associates

1200 Third Avenue - Block 5 - Seattle, WA \*  
Kohn Pedersen Fox Associates

Abercrombie & Fitch Headquarters Campus - Columbus, OH \*  
Anderson Architects

Arrow International Corporate Headquarters - Reading, PA \*  
Kallmann McKinnell & Wood Architects

Ball State University - Muncie, IN \*  
Pei Cobb Freed & Partners

BAM Cultural Center - Brooklyn, NY  
Ken Smith Landscape Architect

Barclays Center Plaza - Brooklyn, NY  
SHoP Architects

Battery Park - Upper Promenade - New York, NY \*  
Conservancy for Historic Battery Park

Brooklyn Botanical Gardens Gift Shop & Terrace Cafe - Brooklyn, NY  
Brooklyn Botanical Gardens

Brown University Master Plan - Providence, RI  
Brown University

Chanel Incorporated - Piscataway, NJ \*  
Platt and Byard Architects

Chinese Scholar's Garden, Staten Island Botanical Garden - Staten Island, NY \*  
Demetri Sarantitis/Victoria Rospond Architects

Cornell University Central Library Addition - Ithaca, NY \*  
Shepley Bulfinch Richardson and Abbott

Dong Bu Security Headquarters - Seoul, Korea \*  
Kohn Pedersen Fox Associates

East River Waterfront - New York, NY  
SHoP Architects

Espirito Santo Plaza - Miami, FL \*  
Kohn Pedersen Fox Associates

Esplanade Mall - Singapore \*  
Kohn Pedersen Fox Associates

Essex House - New York, NY  
Philips Lighting

Four Seasons Hotel & Tower - Miami FL \*  
Millennium Partners / Gary Edward Handel & Associates Architects

F.W. Olin College of Engineering - Needham, MA \*  
Perry Dean Rogers & Partners: Architects

Glaxco Pharmaceutical, Site Lighting - Research Triangle Park, NC \*  
O'Brien/Atkins Associates

\* Project completed by Kugler Tillotson Associates.

**Exterior Lighting Projects**

Glen Cove Residence Atrium - Glen Cove, NY \*  
Alexander Gorlin Architects

Governors Island - New York, NY  
West 8

Hamilton College - Clinton, NY \*  
Perry Dean Rogers & Partners: Architects

Harvard University Information Systems Exterior Landscapes - Cambridge, MA \*  
Michael Van Valkenburgh Associates, Inc.

Hong Kong Electric Co. - Hong Kong, China \*  
Kohn Pedersen Fox Associates

Howard Hughes Medical Institute - Chevy Chase, MD \*  
The Hillier Group

Huamao Center Towers I, II, & III - Beijing, China  
Guohua Real Estate / Kohn Pedersen Fox Associates

I.B.M. Corporate Headquarters - Armonk, NY \*  
Kohn Pedersen Fox Associates / Swanke Hayden Connell Architects

Israel Museum - Jerusalem, Israel  
James Carpenter Design Architects

Liberty Park - New York, NY \*  
Cooper Robertson & Partners

Lincoln Center North Plaza at 65<sup>th</sup> St. - New York, NY  
Diller Scofidio + Renfro / Fox & Fowle Architects

Lincoln Center 66<sup>th</sup> St. - New York, NY  
Diller Scofidio + Renfro

Lincoln Center Rose Bridge - New York, NY  
Fox & Fowle Architects

Lincoln Center South Campus - New York, NY  
Diller Scofidio + Renfro / Beyer Blinder Belle Architects

Louisville Museum Plaza - Louisville, KY  
Kendall/Heaton Associates

LOVE Sculpture @ 1350 Avenue of the Americas - New York, NY \*  
Reckson Associates

Manhattan Bridge Plaza and Entrance Colonnade - New York, NY \*  
Edwards & Kelcey Engineers, Inc.

Miami Aqua - Gorlin Building - Allison Island, Miami, FL \*  
Alexander Gorlin Architects

Millennium Place - North & South Blocks - Boston, MA \*  
Millennium Partners / Gary Edward Handel & Associates Architects

MMC 9/11 Memorial - New York, NY \*  
William Fellows Architects

New Albany Country Club - New Albany, OH \*  
Cooper Robertson & Partners

New School Exterior Entry 66 W. 12<sup>th</sup> St. - New York, NY  
Ohlhausen DuBois Architects

Omaha Courthouse - Omaha, NE \*  
Dana Larson Roubal & Associates

Pickfair Estate - Beverly Hills, CA \*  
Peter Marino Architect

**Exterior Lighting Projects**

Pier 57 Design Charette - New York, NY  
Youngwoo & Associates

Pier 62 - New York, NY  
CR Studio Architects

Pier 86 - New York, NY  
Mathews Nielsen / Dattner Architects

Plaza 66/Nan Jing Xi Lu - Shanghai, China \*  
Kohn Pedersen Fox Associates

Prada Store - San Francisco, CA \*  
Rem Koolhaas - Office for Metropolitan Architecture / Brand & Allen Architects

Prada U.S.A. "Piano Factory" Corporate Headquarters - New York, NY \*  
HLW International / Architecture Research Office / Herzog & de Meuron

Queens Botanical Garden - Flushing, NY \*  
BKS/K Architects

Samsung - Seoul, Korea  
Kohn Pederson Fox Associates

Seattle Public Library - Seattle, WA  
Rem Koolhaas - Office for Metropolitan Architecture / LMN Architects

Seocho Fashion Center - Seoul, Korea \*  
Kohn Pedersen Fox Associates

St. Paul Companies - St. Paul, MN \*  
Kohn Pedersen Fox Associates

Times Square U.S. Armed Forces Recruiting Station - New York, NY \*  
Parsons Brinckerhoff Quade & Douglas, Inc. / Architecture Research Office

Union Courtyard - Union, NJ  
TOGAR

United States Courthouse, Minneapolis - Minneapolis, MN \*  
Kohn Pedersen Fox Associates

University of Pennsylvania Law Library - Philadelphia, PA \*  
Davis Brody and Associates

Vieux Carre Exterior Lighting Guidelines – New Orleans, LA  
Friends of the Vieux Carre Commission

Wachner Residence - South Hampton, NY \*  
Cooper Robertson & Partners

West 181<sup>st</sup> Street Pedestrian Bridge - New York, NY  
Guy Nordenson and Associates Structural Engineers, LLP

Westlands Ranch - Meeker, CO \*  
Deborah Nevins

World Financial Center Courtyard – New York, NY  
Brookfield Office Properties

World Financial Tower 2 Plaza – New York, NY  
Brookfield Office Properties

Wyly Theater - Dallas, TX  
Kendall/Heaton Associates, OMA, REX

Zhongguancun Financial Center - Lot 21#, Zhongguancun West Zone (B.S.T.P.) -  
Beijing, China  
Beijing Science Park Development Co., Ltd. / Kohn Pedersen Fox Associates



Division of Economic and Financial Opportunity

WBE Certificate



*This certificate acknowledges that this company has met the criteria as established by the WBE Program at the New York City Department of Small Business Services and is therefore certified as a Women-owned Business Enterprise (WBE).*

Certificate Number: MWCERT2012-465

Expires on: 10/31/2017

Michael R. Bloomberg, Mayor

Robert W. Walsh, Commissioner

## NYCEDC Piers 88 & 90

New York, New York

As a port for soldiers departing for the European front during WWII and a bustling home to large luxury cruise liners today, Manhattan Cruise Terminal Piers 88 and 90 have served New York City for over 70 years. In 2006, the New York City Economic Development Corporation embarked on a much-needed renovation of the pier facilities. Architects Bermello Ajamil & Partners invited Two Twelve to design a new wayfinding and signage program for the site.

Two Twelve first conducted a wayfinding analysis of each pier, examining existing signage conditions and vehicular and pedestrian traffic patterns. As a result of the analysis, and to clarify navigation and define destinations throughout the long piers, security, ticketing, baggage check-in, boarding and disembarking areas were divided into several zones.

Using large bold graphics, a typeface reminiscent of the raw, stencil-like lettering on submarines, Two Twelve designed an eye-catching program that is both fun and easy to use. Considering the piers as ports for various cruise lines, Two Twelve developed a color scheme of gradated blues and reds that emulate the aqua beaches, red sunrise and orange sunsets that cruise-goers would experience on their trip. Lighting designers further this idea by using a lighting scheme that mimics the subtle fade of a sunset. The signs have been fabricated using an eco-friendly co polyester resin made of 40% recycled material.

Two Twelve designed large identification signage that mark the entrances to both piers and act as beacons day and night. Working around a major design, structural and lighting obstacle—the three-level highway viaduct that leads vehicles to the piers—Two Twelve's stunning sculptural signage evokes the image of billowing sails. With lighting designs by Focus Lighting, the signs illuminate at dusk, becoming a spectacle of vibrant color and motion graphics that mimic the undulation of ocean waves.

2 12



## Queens West Esplanade

Queens, New York

In conjunction with landscape architects Thomas Balsley Associates and Sowinski Sullivan Architects, Two Twelve created a signage system for the parks of the Queens West Development Corporation. This waterfront park will extend the entire length of this newly planned community on the Queens waterfront, across from the United Nations. The signs illustrated here were designed for the first section of the park, at Gantry Plaza, the heart of Queens West.

The design for these sign structures echoes the architecture of the park. The graphics include maps, wayfinding information, and interpretive narratives about the park's history, its setting, and neighborhood context.

2 12



# Erie Canalway National Heritage Corridor

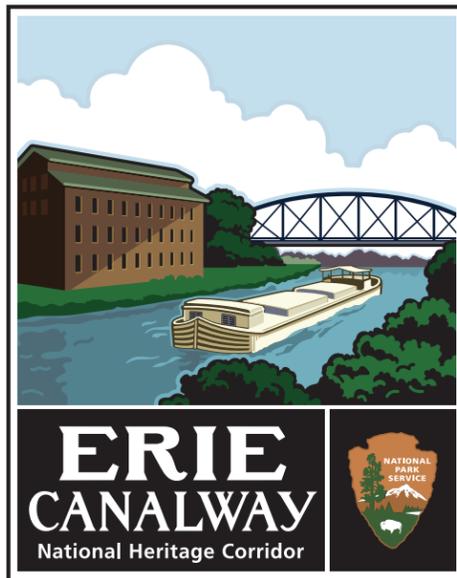
Waterford, New York

Two Twelve was selected by the National Park Service and architect Beyer Blinder Belle to create a comprehensive identity design package for the Erie Canalway National Heritage Corridor, located in Waterford, New York.

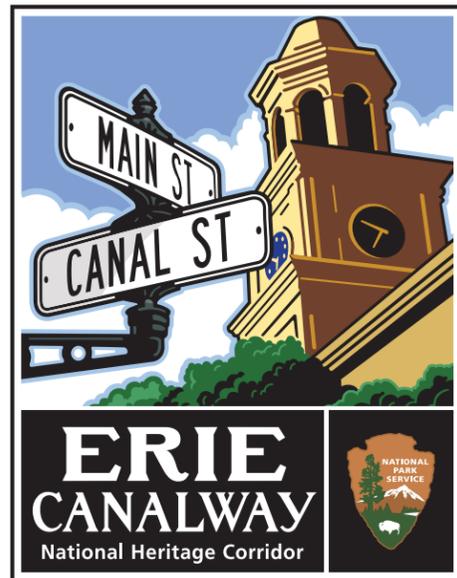
We designed the Erie Canalway National Heritage Corridor logo with both the past and present in mind. Historic style letter forms are reminiscent of hand-painted messages found along the canal, while the color and form of the logo emphasize the National Heritage Corridor's ongoing partnership with the National Park Service.

Incorporating these elements, we provided multiple concept design layouts for an entire design family, including logos, letterhead, and marketing materials. We then collaborated with the client to refine the concepts. Once the designs were finalized, Two Twelve created a Graphic Standards Guide specifying the appropriate application of logos and other design elements for future usage.

2 12



In partnership with the National Park Service



In partnership with the National Park Service



In partnership with the National Park Service

# Downtown Brooklyn

Brooklyn, New York

A consortium of Downtown Brooklyn business improvement associations, neighborhood associations, cultural institutions, corporations, and city officials began working together to create an effective public communications program for the core of New York City's largest, most populated borough. Two Twelve was first invited to provide pedestrian wayfinding and signage design services. Our initial analysis, however, suggested a new priority: to brand Downtown Brooklyn.

2 12

The physical boundaries of "Downtown Brooklyn" were disputable and difficult to define. Two Twelve's challenge was therefore to create a brand for an ambiguous area with diverse stakeholders. We conducted a far-reaching study, interviewing residents, tourists, and business owners to better understand the territory and opportunities.

Our study resulted in a positioning statement—Downtown Brooklyn: You Can See the World from Here—which set the tone for our development of a logo, wayfinding strategy and signage designs.

Next we conducted a wayfinding analysis for pedestrian signage and presented recommendations to the consortium. Our research uncovered new information about how Brooklyn's Downtown is navigated, leading to a simple strategy for defining the area's sub-districts, destinations, and major circulation routes. Final identity and signage designs are presently underway.

The project has attracted attention from surrounding cultural districts, neighborhoods and business development groups, who have expressed active interest in joining the consortium. As a result of our analysis and design presentations, significant funds have been committed to the project.



## Empire State Building

New York, New York

Undoubtedly New York City's most iconic skyscraper, the Empire State Building attracts over 1 million visitors every year. In 2007, over 75 years since its construction, the building was in need of updating, especially if it wanted to continue to attract new tenants.

As part of a \$400 million renovation of the Art Deco skyscraper that began in 2007, architects Beyer Blinder Belle commissioned Two Twelve to design the signage and wayfinding for the building's lobby and tenant floors and help restore the building to its original visual integrity and splendor.

Two Twelve's designers conducted a survey to determine the state of the building's existing signage and information graphics. They discovered layers added over the decades — from the original 1930s signs and plaques to signage from a 1960s renovation to contemporary ADA and security markers. The signage survey gave the designers an intimate understanding of interior wayfinding patterns, sign locations, necessary messages, and existing graphic elements.

Rather than use a standard Art Deco font for this one-of-a-kind destination, Two Twelve collaborated with typographer Christian Schwartz to develop the custom typeface, Empire State Building, that helps reveal and maintain the building's period character. Designers also worked with illustrator Kevin Dresser to develop custom icons for signage that bring the true spirit of the place back to life.



2 12



Division of Economic and Financial Opportunity

# M/WBE Certificate

212 / Harakawa, Inc.

*This certificate acknowledges that this company has met the criteria as established by the M/WBE Program at the New York City Department of Small Business Services and is therefore certified as a Minority and Women-owned Business Enterprise (M/WBE).*

Certificate Number: MWCERT-4014

Expires on: 4/30/2017

Michael R. Bloomberg, Mayor

Robert W. Walsh, Commissioner



**TEAM**

**BACKGROUND**

**+**

**EXPERIENCE**

# TEAM BACKGROUND + EXPERIENCE

## Jay Valgora, AIA, AICP, LEED AP

### Principal

Mr. Valgora is founder and principal of STUDIO V Architecture. He has extensive experience in multiple disciplines including architecture, urban design, and interior design specializing in innovative designs to develop retail and entertainment architecture. Mr. Valgora is currently designing architecture, urban spaces, public spaces, and infrastructure for a series of major waterfront sites in New York City including Flushing, Long Island City, and Astoria. Mr. Valgora oversaw worldwide design for the international firm Walker Group, where he designed award winning projects, was a founding member and Design Director of Rockwell Group, where he designed many of their most well know projects, and a lead project designer at Ehrenkrantz & Eckstut on urban design projects.

### Partial Listing of Project Experience

#### Halletts Point – Queens, NY

*Master Plan Architect; End Date: 2026; Client: Lincoln Equities, Robert Schenkel, (201) 531-2359*

Mr. Valgora created a master plan for Halletts Point on the Astoria waterfront, transforming vacant warehouses into a mixed-use residential development and public parks. The design includes reconnecting the formerly severed streets on the Point. STUDIO V has been successfully working with City Planning, DOT, NYCHA, and Astoria Houses Tenants Association to achieve this complex goal. ULURP certification was granted August 2013.

#### Astoria Cove Master Plan – Queens, NY

*Master Plan Architect; End Date: 2026; Client: Alma Realty, John Mavroudis, (718) 267-0300*

Mr. Valgora is providing master plan services for Astoria Cove and has been working closely with City Planning to rezone the area. Mr. Valgora's designs are for a new sustainable community that provides improved access to the waterfront, peninsula and new major waterfront park linked to Astoria Park.

#### Empire Stores – Brooklyn, NY

*Design Architect; End Date: 02/2016; Client: Midtown Equities, Jack Cayre, (212) 726-0777*

STUDIO V is part of the winning team selected to re-habilitate the Empire Stores. Mr. Valgora developed a design and program for commercial and office use, including a new public space with an arcade and courtyard that passes through the Stores to link the neighborhood to the Brooklyn Bridge Park.

#### Marin Avenue Master Plan – Jersey City, NJ

*Master Plan Architect; End Date: 2026; Client: Alma Realty, John Mavroudis, (718) 267-0300*

STUDIO V is providing architectural and urban planning services for this large residential site in New Jersey. Mr. Valgora is working to revive the lively street life and pedestrian scale quality of historic Jersey City to a transformed superblock.

#### 33rd Street Public Plaza – New York, NY

*Design Architect; End Date: 06/2015; Client: Kibel Companies, Peter Levenson, (212) 481-5700*

For this dramatic new green oasis in midtown Manhattan, Mr. Valgora transformed a cold, barren plaza that is sunken from the surrounding streets, and offers little greenery to a dramatic green room with vertical gardens and innovative lighting.

### Years of Experience

26

### Education

Harvard University, Graduate School of Design  
Master of Architecture

Cornell University  
Bachelor of Architecture

Fulbright Fellow, England;  
Architecture and Urban Design

### Professional Experience

STUDIO V Architecture  
2006-Present  
Principal

Walker Group/CNI  
1998-2006  
Principal-in-Charge

Rockwell Group  
1993-1998  
Design Director

Ehrenkrantz & Eckstut Architects  
1991-1993  
Senior Project Designer/Project Architect

Koetter Kim and Associates  
1989-1990  
Senior Architectural Designer

Kaplan, McLaughlin, and Diaz Architects  
1986  
Architectural Designer

### Professional Registration

Registered Architect:  
New York, New Jersey, Connecticut,  
Texas, Florida, Nevada

Licensed Planner: AICP

**STUDIO V**  
ARCHITECTURE

Jay Valgora, AIA, AICP, LEED AP

#### Macy's Herald Square – New York, NY

Mr. Valgora led a four firm design team for a complete \$400 million re-design and renovation of Macy's flagship Herald Square store. The work includes an overhaul of the whole building including master planning the entire store, and STUDIO V specific project for the ground and mezzanine levels, public spaces, restaurants, and restoration of the exterior.

#### Industry City– Brooklyn, NY

Design services encompass a broad range of programs and scales for this 6 million square foot complex in Bush Terminal. Mr. Valgora is designing offices, lobbies, retail, facades, and historic restoration. The streetscape design will link the complex to the subway and proposed Brooklyn Greenway pedestrian walkway.

#### West Shore Master Plan – Brooklyn, NY

*Master Plan Architect; End Date: 2026; Client: Broadway Healthcare, Robert Konig, (917) 539-3088*

For this expansive waterfront property, Mr. Valgora is leading a team analyze and plan several dozen acres in Gravesend. STUDIO V will conduct a zoning analysis, program study, and historic evidence research, as well as a study of the shoreline bulkhead and flood mitigation options.

#### The Haven Retail Center – West Haven, CT

*Design Architect; End Date: 07/2016; Client: Gordon Group Holdings, Sheldon Gordon, (203) 618-1000*

STUDIO V is creating a master plan and market presentation, led by Mr. Valgora, for a new high-end luxury retail center on the waterfront of Connecticut. The project features sustainable construction, flood-mitigation strategies, and flexible social spaces that can shift with the seasons.

#### Morimoto Disney – Lake Buena Vista, FL

*Design Architect; End Date: 07/2015; Client: Patina Group, Nick Valenti, (212) 789-8145*

For one of the firm's more creative projects, STUDIO V is transforming a former dance hall into a high-end restaurant in Downtown Disney. Morimoto Disney is inspired by a theme of industrial chic, abandoned bottling plant elements, and pan Asian cuisine.

#### Stamford Transit Oriented Development – Stamford, CT

STUDIO V is part of the winning team selected to re-design and master plan the area in and around the Metro North/Amtrak train station at Stamford. Mr. Valgora developed design concepts for two mixed-use buildings for the TOD as well as work with the Parking consultant to design a dedicated parking building on the site.

#### 600 West 58 Street – New York, NY

*Design Architect; End Date: 07/2016; Client: Durst Organization, Alexander Durst, (212) 257-6677*

Mr. Valgora is designing the architecture and interior design of a ten-story residential rental building on the west side of Manhattan. The building includes innovative, sustainable material to work towards a LEED certification.

#### DIGO Offices – New York, NY

*Design Architect; End Date: 06/2015; Client: DIGO Brands, Mark DiMassimo, (646) 507-5820*

STUDIO V is leading design for the complete renovation and repositioning of the DiMassimo Goldstein offices in New York. Mr. Valgora consolidated the old floor plate with the office's new space, and coordinated interior finishes and special, signature architectural moments.

#### Niagara Falls Downtown – Niagara Falls, Canada

Mr. Valgora designed a significant master plan for a 44-acre site in Niagara Falls, Canada incorporating a sustainable retail village, new train station, hockey arena, exhibition hall, offices, retail, a hotel conference center on a former abandoned railway bridge.

### Certifications

Leadership in Energy and Environmental Design (LEED)

U.S. Green Building Council (USGBC)

### Memberships

American Institute of Architects (AIA)

Urban Land Institute (ULI)

American Institute of Certified Planners (AICP)

### Publications

Architectural Record  
Architect's Newspaper  
Oculus  
Progressive Architecture  
Interior  
Interior Design  
Hinge Magazine  
Hospitality News  
Hospitality Design  
The New York Times  
The Wall Street Journal  
The New York Post  
The Daily News  
New York Magazine  
Manhattan  
Crain's New York

### Blogs

ArchPaper  
Gothamist  
Time Out NY  
Real Deal  
ArchDaily

### Awards and Honors

National American Institute of Architects Award

Business Week Design Award  
Interiors Award

Architectural Record Award

SADI Award

Progressive Architecture Award

## Leo Chung

### Project Manager

Mr. Chung is a talented designer with extensive experience in urban master planning and large-scale institutional architecture. He joined STUDIO V in 2013 as a Project Manager and has been responsible for various large-scale planning projects at the firm. Prior to joining STUDIO V, Mr. Chung worked as a Project Manager at CDC Architects, and an Architect and Urban Designer at CC Architect, PC. There, he spearheaded designs of multiple mixed-use projects and large-scale master plans. His specialties branched to other areas as well, including medical centers, museums, religious institutions, and large scale facilities.

### Partial Listing of Project Experience

#### Marin Avenue Master Plan – Jersey City, NJ

*Project Manager; End Date: 2026; Client: Alma Realty, John Mavroudis, (718) 267-0300*

STUDIO V is providing architectural and urban planning services for this large residential site in New Jersey. Mr. Chung is working to revive the lively street life and pedestrian scale quality of historic Jersey City to a transformed superblock.

#### West Shore Master Plan – Brooklyn, NY

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For this expansive waterfront property, Mr. Chung is leading a team analyze and plan several dozen acres in Gravesend. STUDIO V will conduct a zoning analysis, programming study, and historic evidence research, as well as a study of the shoreline bulkhead and flood mitigation options.

#### Waterfront Commons Master Plan – Staten Island, NY

*Project Manager; End Date: 2026; Client: Broadway Healthcare, Robert Konig, (917) 539-3088*

Mr. Chung is leading a team to conduct a zoning analysis, programming study, and historic evidence research of this site on the Staten Island Waterfront. The team is conducting a study of the shoreline bulkhead and flood mitigation options as well, to transform this space into a neighborhood mixed-use resource.

#### Halletts Point Master Plan – Queens, NY

*Project Manager; End Date: 2026; Client: Lincoln Equities, Robert Schenkel, (201) 531-2359*

STUDIO V created a master plan for Halletts Point on the Astoria waterfront, transforming vacant warehouses into a mixed-use residential development and public parks. Mr. Chung was on the team to prepare Halletts Point for ULURP certification, which was granted August 2013, and continues to work on design of the large site.

#### Astoria Cove Master Plan – Queens, NY

*Project Manager; End Date: 2026; Client: Alma Realty, John Mavroudis, (718) 267-0300*

STUDIO V is providing master plan services for Astoria Cove and has been working closely with City Planning to rezone the area. Mr. Chung is on the team responsible for designing a new sustainable community that provides improved access to the waterfront, peninsula and new major waterfront park linked to Astoria Park.

## Sohee Moon

### Project Manager

Ms. Moon has thirteen years of professional architecture practice experience ranging from commercial, mixed-use, retail, master planning, interiors, and museums to architectural book publication. She joined STUDIO V Architecture in 2013 as a Project Manager, and has been responsible for the design, development and coordination of several large-scale projects. Prior to joining STUDIO V, Ms. Moon worked for twelve years as a designer for Gensler, where she was part of the group that grew the New York office for the firm. She designed award-winning projects, such as the New Museum of Contemporary Art in New York.

### Partial Listing of Project Experience

#### Morimoto Disney – Lake Buena Vista, FL

*Project Manager; End Date: 07/2015; Client: Patina Group, Nick Valenti, (212) 789-8145*

For one of the firm's more creative projects, STUDIO V is transforming a former dance hall into a high-end restaurant in Downtown Disney. Morimoto Disney is inspired by a theme of industrial chic, abandoned bottling plant elements, and pan Asian cuisine. As Project Manager, Ms. Moon is leading design, conceptual studies, motifs, planning and program distribution for the exterior and interior of this restaurant.

#### 155 Attorney Street – New York, NY

*Project Manager; End Date: 02/2016; Client: Midtown Equities, Jack Cayre, (212) 726-0777*

STUDIO V is working to transform a Lower East Side building into a high-end residential destination. Ms. Moon is working with the client and a team of consultants and vendors to emulate the authentic downtown feel of this neighborhood in 155 Attorney Street in terms of floor layouts, scale and aesthetic.

#### Greenpoint Master Plan – Brooklyn, NY

For this five-block waterfront site in Brooklyn, STUDIO V conducted extensive site analysis for programming and existing neighborhood fabric and needs. Ms. Moon led a team to perform thorough zoning analysis, and presented options for as-of-right and variance developments.

#### Watchtower Properties – Brooklyn, NY

Ms. Moon led design of a complex plan for this five-building site that is surrounded by a mesh of highways and bridges and situated in the center of the Brooklyn Tech Triangle. The master plan would promote mixed-use programming and green-space expansion to connect with the neighborhood.

#### Pratt University Pavilion – Brooklyn, NY

Ms. Moon is working on the team to create a contemporary, dynamic pavilion for Pratt University's East Building. Inspired by the ubiquitous New York City water towers, the pavilion will become an emblem of the university's architecture school, as well a gathering and socializing area for students.

### Years of Experience

10

### Education

Columbia University  
GSAPP  
Masters of Architecture and  
Urban Design

Chungang University  
Bachelor of Architecture

### Professional Experience

STUDIO V Architecture  
2013-Present  
Project Architect

CDC Architecture  
2012-2013  
Junior Architect

Urban Design Lab, Columbia  
University  
2009-2010  
Researcher, Design Consultant

JOHN REED Architecture  
2008-2009  
Junior Architect

Archiban Seokchul Kim &  
Associates  
2004-2007  
Junior Urban Designer

### Awards

Osong Biovalley International  
Competition, 2011, Third Prize

University Graduation Exhibition,  
2005, First Prize

Kyonggi Architectural  
Competition, 2004, Third Prize

### Years of Experience

14

### Education

Louisiana State University  
Bachelor of Architecture

### Professional Experience

STUDIO V Architecture  
2013-Present  
Senior Designer

Gensler  
2000-2013  
Designer

### Publications

Architectural Record  
ARCHITECTURE  
Detail Magazine  
Metropolis  
New York Times  
Shift by Joseph Grima  
Vanity Fair

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## Michael Bevivino

### Project Manager

Mr. Bevivino is a talented designer with extensive experience in urban master planning, architectural design, and construction administration. He joined STUDIO V Architecture in February 2012 as a Project Manager and has been responsible for the design, development and coordination of some of the firm's largest projects. Prior to joining STUDIO V, Mr. Bevivino worked as a designer and Project Architect at Halper Owens Architects, where he spearheaded designs of multiple high-end residential projects. His specialties branched to other areas as well, including flagship and boutique retail stores across the country, an award winning showroom, a waterfront restaurant & bar, and office spaces.

### Partial Listing of Project Experience

#### 600 West 58th Street – New York, NY

*Project Manager; End Date: 07/2016; Client: Durst Organization, Alexander Durst, (212) 257-6677*

As senior project designer, Mr. Bevivino is leading a team to design the architecture and interior design of a ten-story mixed-use tower on the west side of Manhattan. The building features innovative, sustainable construction methods to work towards a LEED certification.

#### The Haven Retail Center – West Haven, CT

*Project Manager; End Date: 07/2016; Client: Gordon Group Holdings, Sheldon Gordon, (203) 618-1000*

STUDIO V is creating a master plan and market presentation, led by Mr. Bevivino, for a new high-end luxury retail center on the waterfront of Connecticut. The project features sustainable construction, flood-mitigation strategies, and flexible social spaces that can shift with the seasons.

#### Macy's Herald Square – New York, NY

STUDIO V led the design for a complete renovation of Macy's Herald Square including an overhaul of the whole building and master planning of the entire store, as well as STUDIO V specific projects for the ground and mezzanine levels, public spaces, restaurants, and restoration of the exterior. Mr. Bevivino, as Senior Designer and Project Architect, has worked closely with Macy's to meet a fast-paced construction schedule, coordinate restoration efforts and design new architectural elements.

#### 44-02 Vernon Boulevard – Queens, NY

STUDIO V provided an in-depth study for the development of this mixed-use residential complex. Mr. Bevivino provided complete zoning analysis of the site, including New York City Waterfront regulations. He developed massing options with core dimensions and depths maximizing the FAR allowable for the project. In addition, Mr. Bevivino generated preliminary unit mix and floor area schedules.

#### 245 West 25th Street – New York, NY

*Project Manager; End Date: 2016; Client: Naftali Group, Michael Witek, (646) 292-7062*

STUDIO V is providing architectural and interior design services for the gut renovation of an existing high-end, multi-family residential building in Chelsea. Mr. Bevivino is generating a complete set of permit and construction drawings of lobby, gym, and other common areas. He also coordinated with consultants for mechanical, structural, and specialty construction elements.

### Years of Experience

10

### Education

Syracuse University  
Bachelor of Architecture

### Professional Experience

STUDIO V Architecture  
2012-Present  
Senior Project Designer

Jones Byrne Margeotes  
Partners  
2011-2012  
Project Architect

Halper Owens Architects  
2004-2011  
Project Architect

### Honors/Awards

2009 AIA CT Business  
Architecture Award

2008 AIA CT Design Award

2008 AIA CT People's Choice  
Award

2008 ProSales Excellence  
Award

## Gianfranco Cerini

### Project Manager

Mr. Cerini joined STUDIO V Architecture in May 2009 as Project Manager and is responsible for the development and coordination of various projects in the firm. Prior to joining STUDIO V, Mr. Cerini was at Time Square Construction and Development as Project Manager for different projects, including a mixed use high rise residential condominium development on Lexington Avenue, New York and an 8-story residential building in Long Island City. Before that Mr. Cerini worked at H. Thomas O'Hara Architect in New York City where he had the opportunity to work on the design development and construction phases of many different projects in New York City including 125 West 22nd Street, 47-49 East 34th Street, 3-7 Wooster and 5th Street Lofts among others.

### Partial Listing of Project Experience

#### Empire Stores – Brooklyn, NY

*Project Manager; End Date: 02/2016; Client: Midtown Equities, Jack Cayre, (212) 726-0777*

STUDIO V is part of the winning team selected to re-habilitate the Empire Stores. Mr. Cerini is working on the team to develop a design and program for commercial and office use, including a new public space with an arcade and courtyard that passes through the Stores to link the neighborhood to the Brooklyn Bridge Park.

#### 245 West 25th Street – New York, NY

*Project Manager; End Date: 2016; Client: Naftali Group, Michael Witek, (646) 292-7062*

STUDIO V is providing architectural and interior design services for the rehabilitation of rental apartments on an existing high-end residential building in Chelsea. For this residential project in Manhattan, Mr. Cerini generated permit and construction drawings for a fast track interior. He was involved in coordination with consultants to evaluate cost-effective mechanical systems, and review of submittals, quality assurance, and schedule management.

#### 201 East 71st Street – New York, NY

*Project Manager; End Date: 2015; Client: Thor Equities, David Cohen, (212) 529-5869*

201 E 71st Street involves the restoration and repositioning of an early twentieth century building conversion into rental and condominium apartments. Mr. Cerini is managing the project and leading design, from schematic design to construction administration.

#### Industry City– Brooklyn, NY

Design services encompass a broad range of programs and scales for this 6 million square foot complex in Bush Terminal. Mr. Cerini was on the team to design offices, lobbies, retail, facades, and historic restoration. The streetscape design will link the complex to the subway and proposed Brooklyn Greenway pedestrian walkway.

#### 1200 Broadway – New York, NY

A former grand hotel built in 1867, the Gilsey House at 1200 Broadway is listed on the National Register. Mr. Cerini managed design and team coordination for the penthouse unit of this building, including a complete renovation of the existing interior and a contemporary rooftop addition. Mr. Cerini worked with the Landmarks Commission and BSA to accomplish this job.

### Years of Experience

14

### Education

New York Institute of Technology  
Bachelor of Architecture

### Professional Experience

STUDIO V Architecture  
2009-Present  
Project Architect

Time Square Construction &  
Development  
2008-2009  
Project Architect

H. Thomas O'Hara Architects  
2004-2008  
Project Architect

Skidmore, Owings & Merrill LLP  
2000-2004  
Project Architect

Sear Brown Group  
1999-2000  
Project Architect

### Publications

Architectural Record

New York Living

**STUDIO V**  
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## Trent Lethco, AICP



### Profession

Transportation Planner

### Current Position

Principal

### Joined Arup

2002

### Years of Experience

15

### Qualifications

MA, Urban Planning (Transportation), University of California, Los Angeles, 1998

BA, History, University of California, Berkeley, 1992

AICP, American Institute of Certified Planners

### Professional Associations

Board Member, Regional Plan Association

Member, TRB Transportation Issues in Major U.S. Cities Committee, 2008-Ongoing

American Institute of Certified Planners, 2005

Member, American Planning Association

Member, Women's Transportation Seminar

### Awards

Toronto Waterfront Lower Don Lands, Clinton Climate Initiative program to demonstrate economic, environmental strategies for sustainable urban growth, 2009

### Publications

Trent Lethco, et al., Microsimulation Model Design in Lower Manhattan: A Street Management Approach. New York, NY: Arup, 2009\*

Trent Lethco, et al., A Street Management Framework for

Trent Lethco is a Principal with Arup's Integrated Planning Group. He has over 15 years of experience and has worked in New York, Boston, Washington DC, Los Angeles, Chicago, and the San Francisco Bay Area. Trent has a strong background in transportation planning, policy, and funding issues. Trent's primary focus is on effectively linking transportation and land use policy to achieve fiscal, environmental, and social sustainability. He has been involved in a variety of projects for clients in the public sector and has a thorough understanding of local, state, and federal guidelines.

Trent's strengths lie in his ability to articulate the connections between land use and transportation policy and planning and bring about consensus among a variety of stakeholders.

### CityArchRiver 2015, St. Louis, MO

Arup, on a team led by MVVA Landscape Architects, won the international design competition for the redevelopment of the Jefferson National Expansion Memorial (Gateway Arch) in St. Louis, Missouri. The design concept will redevelop the Arch Grounds and more importantly, will reconnect the Arch with the surrounding City which is currently separated by major highway, road and bridge infrastructure. Trent led transportation planning wayfinding, traffic modelling, parking and user experience studies. 2010-ongoing

### Meixi Lake Development Masterplan, Changsha, China

Lead Transportation Planner for a masterplan of a 2,500-acre area. The masterplan featured a large amount of waterfront (lake and river) development, transit oriented development, renewable energy, waste minimization, water harvesting, recycling and reuse, sustainable transportation systems and urban agriculture.

### Lower Don Lands Masterplan, Toronto

Waterfront Toronto is developing a 150-acre mixed-use development in the Lower Don Lands along the waterfront. In parallel, the City is considering tearing down the overhead Gardiner Expressway, which runs along the waterfront. Trent managed the transportation components of the project which pedestrian network enhancements, waterfront bicycle strategies, vehicular and pedestrian bridges, municipal infrastructure, and major earthworks. He oversaw the development and evaluation of transportation network alternatives and creation of a transportation master plan for the area. He also oversees the development of the Lower Don Lands micro-simulation model which is used to test and evaluate transportation operations.

Lower Manhattan: The Downtown of the 21st Century. New York, NY: Arup, 2009

### Presentations

Railvolution Conference, "Increasing Transit's Share of the Commute Trip Session," October 28, 2008

Moving from Policy to Place Conference, "Bridging the distance between home and work – creating better urban spaces," June 23, 2008

TOD Regional Summits in Brisbane, Sydney, and Melbourne. From Policy to Place: Making TOD Happen in Australia

MassImpact, "Low Impact, High-Mobility Cities," June 9, 2008

7th Annual New Partners for Smart Growth Conference: Building Safe, Healthy, and Livable Communities, "Transit-Oriented Development Decision-Making: One Size Does Not Fit All," February 7, 2008

2006 Railvolution 2006 Conference, "Corridor Land Use: Transit + Development," November 7, 2006

The Metropolitan Transportation Commission's Housing Incentive Program, Regional Smart Growth Session, April 17, 2002

### East River Waterfront, New York, NY

The New York City Economic Development Corporation (EDC) commissioned Arup as part of a joint venture to design and develop the revitalization of the East River Waterfront between the Battery and East River Park. Trent developed various options for a multi-modal future South Street as well as met with NYCDOT and other decision makers to articulate the vision and make a case for change. He has also provided extensive input on streetscape design and impacts on vehicle, bicycle, and pedestrian safety and mobility.

### MTC Advisory Council, San Francisco, CA\*

Staff liaison for the MTC Advisory Council, consisting of 18 community members who advise MTC on all relevant transportation planning and funding issues. Developed 2002 work plan which focused on transportation and land use policies at MTC including: implementation of transit supportive land uses around transit expansion stations, expanding the housing Incentive Program, and developing a program proposal for a specific plan grant fund.

### Valongo Waterfront, Santos, Brazil

The World Bank commissioned Arup to study and draft plans to revitalize the Port of Santos Waterfront. The project goal was to redevelop abandoned areas attracting new economic activity without disturbing operations on active docks. Arup considered the waterfront relationship to the historic city centre and after alternative testing and evaluation proposed the development of a cruise ship terminal, a marina, shops, cultural facilities and transport infrastructure. The revitalization masterplan integrated an overarching strategy capable of responding to economic and social changes within two 25 year cycles. More than a list of improvements, the work is a tool for decision making that will support the authorities as the Port of Santos and Brazil grow in the years to come.

### SFMOMA User Experience Analysis, San Francisco, CA

Project Director the development of a model to test performance of future lobby entrance and museum expansion areas in support of the museum design team and museum stakeholders. The expansion will create an entirely new lobby system with considerable impacts to the known arrival and departure patterns. Arup provided wayfinding and pedestrian planning advice with a MassMotion pedestrian simulation model to test future scenarios in an effort to design a better environment and user experience that meets the stakeholders' expectations.

\* experience prior to joining Arup

## Gary LaMonica, PE



### Profession

Electrical Engineer

### Current Position

Associate

### Joined Arup

2005

### Years of Experience

14

### Qualifications

BS, Electrical Engineering,  
Polytechnic University, Brooklyn,  
New York, 1998

PE, State of New York

### Professional Associations

SFPE Seminar of the Fire Alarm  
Systems Design

IEEE Power Engineering Society  
SKM Power Tools Certificate

Gary LaMonica is an Associate Electrical Engineer with Arup whose recent project roles have entailed power distribution for residential, commercial, and health care facilities. He is a registered Professional Engineer in the state of New York and has been working as an electrical engineer for ten years.

Gary's skills include Medium voltage distribution, lighting control systems, design and layout of the fire alarm system, transformers specification to meet power quality criteria and the design of the Emergency System to meet project specific redundancy and reliability. In addition, he performs software analysis of the power distribution for short circuit current, arc-flash hazard, load flow and protective device coordination.

Gary's computer skills include Power Tool for Windows SKM, AutoCAD 2004, Pspice, B<sup>2</sup> Logic & Matlab.

Gary's skills include Medium voltage distribution, lighting control systems, design and layout of the fire alarm system, transformers specification to meet power quality criteria.

### Teardrop South Park, New York, NY

Electrical Engineer for the two-acre Teardrop park site, which is located in downtown Manhattan in the Battery Park City Development area. The park will be situated between four tall buildings and will incorporate elemental site features that recall the natural landscape of New York State. These elements take the form of stone structures, earth forms, water features and landscape. Arup is providing full design services for the park infrastructure including civil, electrical, mechanical and structural engineering to enable the park elements to be realized. In addition to the technical engineering, Arup is providing assistance to ensure the necessary approvals are obtained from the local governing authorities.

### East River Waterfront, New York, NY

Electrical Engineer responsible for Arup's work in the Joint Venture appointed by NYC Economic Development Corporation for engineering and project management services for the 1.5-mile waterfront. Responsibilities include managing the interface with the independently appointed architect team, managing the permitting and agency approval process, and integrating the work of various Arup disciplines and the Joint Venture's sub-consultants.

### Newark SoMa, Newark, NJ

Electrical Engineer on a 23.5-acre mixed-use development to include

7,000 residential units, 550,000ft<sup>2</sup> of retail space, 2 million square feet of office space, a 200-room hotel, 9,000 parking spaces and 8.8 acres of open public space. The proposed buildings range from 3 to 90 stories.

### Free Library of Philadelphia, Expansion and Renovation, Philadelphia, PA

Electrical Engineer for the renovation and expansion of the existing main Library in Philadelphia. Arup is providing structural, mechanical, electrical, plumbing/fire protection engineering services for the renovation and expansion of the Free Library of Philadelphia. The existing library is approximately 300,000ft<sup>2</sup> and the project involves 170,000ft<sup>2</sup> of renovation and an addition of 180,000ft<sup>2</sup>. A new atrium will connect the old and the new portions of the building. The new space will create room for an expanded Children's Library, a Digital Discovery Center, an Electronic Browsing Center, and expanded room for collections, public meeting rooms, administrative offices, rare books, and a new visual and performing arts center.

### Colby College, Museum of Arts Programming Phase, Waterville, ME

Electrical Engineer responsible for the Masterplanning of the existing power distribution and low voltage systems for the Colby College Museum of Art. The existing utilities that provide steam, water, sewer, electrical and fire protection to the building, had to be assessed to determine their capability for supporting the proposed Masterplan

### Elmwood Country Club, White Plains, NY\*

This project was an engineering study and written report on the existing power distribution, life safety and fire alarm system. The existing distribution equipment was traced out and identified on a single line diagram. To determine the facility loading voltage and current readings was taken throughout the distribution. Analyze the measured load readings and utility demand and compared to the capacity of the service transformer. Identified deficiency in the existing distribution system and recommended modifications to meet NEC standards and loading demand. Modifications were also made to the existing fire alarm system, emergency lighting and exit signs.

### Queens College Colden Center, Queens, NY

Electrical Engineer for the renovation of the Colden Center dimmer system. The project consisted of replacing the existing dimmer system with a new state-of-the-art system for the stage and house lighting system.

\* experience prior to joining Arup

## Igor Kitagorsky



### Profession

Plumbing and Fire Protection Engineer

### Current Position

Associate

### Joined Arup

1994

### Years of Experience

33

### Qualifications

MS, Sanitary Engineering, Poltava Institute of Civil Engineering, Ukraine, 1980

### Professional Associations

Member, American Society of Plumbing Engineers (ASPE)

Igor Kitagorsky has 33 years of experience and currently leads the plumbing and fire protection discipline in Arup's New York office.

He has a wide range of experience in the design of plumbing, fire protection systems and site utilities experience as well as with reviewing plumbing and fire protection projects in terms of constructability and cost on behalf of the project and construction management.

Igor has worked on a diversity of projects ranging from commercial and residential buildings to museums to airports and train stations as well as institutional and industrial facilities.

Igor has extensive experience in working with transportation clients in developing cost-effective fire protection strategies. In addition, he has experience studying documents, visiting sites and providing a detailed cost estimate of the work as well as commenting on the contractor's proposal.

Other experience includes assessment, refurbishment and new design commissions carried-out from conceptual design through construction.

Igor's strength lies in his ability to apply advanced and conventional plumbing and fire protection techniques to support challenging architectural designs.

### Brooklyn Center for the Performing Arts, Brooklyn, NY

New performing arts center at Brooklyn College, with a 250-seat recital hall and 250-seat modular theatre for music, theatre, dance and film performance. Work included plumbing and fire protection services for new building and modification to fire protection systems at adjacent Whitman Hall building.

### New Acropolis Museum, Athens, Greece

Plumbing Engineer for the design of a new 300,000ft<sup>2</sup> museum near the Acropolis to house the Parthenon Marbles.

### Cornell NYC Tech, First Academic Building, New York, NY

Lead Plumbing and Fire protection Engineer for the design of 150,000ft<sup>2</sup> Academic building on Roosevelt Island. The project has targets of zero net energy and LEED Platinum.

### Institute of Contemporary Art, Boston, MA

Project Plumbing and Fire Protection Engineer for a new 62,000ft<sup>2</sup>

museum on the waterfront in Boston.

### Whitney Museum of American Art, Expansion/Renovation, New York, NY

Project Plumbing and Fire Protection Engineer to connect three of the museum's adjacent brownstone buildings to its original 1966 Marcel Breuer building. The Museum expanded its exhibition spaces by relocating administrative offices from the Breuer building to new offices in the brownstones.

### Byzantine Fresco Chapel and Gallery, Houston, TX

Project Plumbing and Fire Protection Engineer for a space to house and exhibit two mid 13<sup>th</sup> century Byzantine frescos from Cyprus, involving a stand-alone chapel of glass contained within a climate and light modulating envelope. Rather than recreate the original chapel and risk devaluing the spirituality of the fresco fragments, the chapel has been conceived of as a reliquary envelope to hold the now restored frescoes and to present them as sublime relics.

### Dia Center for Arts, New York, NY

Project Plumbing and Fire Protection Engineer for the conversion of a 6-story, 40,000ft<sup>2</sup> warehouse building in New York City into an art gallery.

### Tennessee Aquarium IMAX Theatre and Office Building, Chattanooga, TN

Project Plumbing and Fire Protection Engineer for a mixed-use building with offices, environmental education center and IMAX cinema complex as an addition to the existing aquarium. The building comprises an atrium and tower structure.

### Cranbrook Institute of Science, Bloomfield Hills, MI

Project Plumbing and Fire Protection Engineer for renovation and 22,000ft<sup>2</sup> addition to this museum of science. The new addition is largely exhibition space comprised of two main halls, each being provided with close control of climactic conditions for conservation of the exhibits.

### Corning Glass Center 2000, Corning, NY

Project Plumbing and Fire Protection Engineer for 31,000ft<sup>2</sup> of exhibition and retail spaces, two auditoriums and a new entrance.

### Taichung Botanical Gardens, Taiwan

Project Plumbing and Fire Protection Engineer for a series of greenhouse structures incorporating natural ventilation methods.

## Raymond Quinn, CEng, PE, LEED AP



### Profession

Mechanical Engineer

### Current Position

Principal

### Joined Arup

1990

### Years of Experience

23

### Qualifications

MBA (with Hons), IMD,  
Lausanne, Switzerland, 2008

MA, University of Dublin, Ireland,  
1998

MSc, Air Conditioning and  
Refrigeration, University of  
London, King's College, 1989

BEng, (First Class Honors),  
University of Dublin, Ireland, 1988  
CEng, UK

PE, State of New York,  
Commonwealth of Pennsylvania  
and New Mexico

LEED AP

### Professional Associations

Fellow, Institute of Mechanical  
Engineers

Member, American Society of  
Heating and Air Conditioning  
Engineers

### Awards

CIBSE/Walker Air Prize for  
Building Services Engineering

### Publications

Raymond has authored several  
articles describing engineering  
solutions used in both new  
building and renovation projects  
on which he has worked.

Raymond trained as a Building Services engineer and has maintained his deep interest in all aspects of building design and construction. His particular skills relate to the design of complex building HVAC systems, both passive and active, and the integration of building services engineering and great architecture. He has been a LEED® Accredited Professional since 2002, and has led the design of a number of projects that are pursuing the highest levels of LEED goals.

His project work ranges from planning and master planning studies to collaborating with some of the world's leading architects on the design of iconic buildings. Building types include new-build and rehabilitation projects: university facilities, laboratories, museums, cultural buildings, airports, commercial buildings and retail stores, from concept through the construction and commissioning stages. On many of these projects he has led and coordinated Arup's multidisciplinary teams.

He has been involved in projects in the UK, USA, Canada, and several other locations around the world, including Europe, the Middle East and Africa. This varied and global practice allows him to bring a deep and broad experience to all of his projects.

Raymond has also been a visiting lecturer at University College London's Department of Mechanical Engineering in building services-design related subjects and regularly participates in studio classes at several universities in the US north-east.

He has worked with Arup in London (1990 to 1993) and in New York since 1993. He was the managing partner of the New York office from 2007 to 2010 and is currently a member of Arup's Americas Region Board.

Ray has led integrated engineering teams on a variety of award winning and successful building projects around the globe.

### Florida Southern College, Polk County Science Building Lakeland, FL

Mechanical Engineer that carried out condition surveys of this Frank Lloyd Wright building. Involved in development of the conceptual plans for the renovation of the building. Arup provided structural, mechanical, electrical, plumbing and fire protection systems design services through to the completion of the project.

### Coney Island Steeplechase Plaza, Brooklyn, New York

Raymond was the Mechanical Engineer and Engineer-of-Record for a one-of-a-kind public plaza on the famed Coney Island boardwalk known as "Steeplechase Plaza". The Plaza is envisioned as a signature component of a revitalized Coney Island. The project consists of the redevelopment of the area surrounding the historic Parachute Jump and specifically the design of a 7,000sf new building to accommodate a restored carousel. In addition to the carousel space, the project also contains an event space, restrooms and cafeteria. Arup provided structural and MEPFP services. The building opened in 2013.

### Byzantine Fresco Chapel and Gallery, Houston, TX

Project Mechanical Engineer for the final design stages and the construction stage for this new building that was designed as a museum for two frescos and also a fully functioning Greek Orthodox church. The one-story with basement building is approximately 5,000ft<sup>2</sup>.

### Robert F. Wagner Jr. Park, Battery Park City, New York, NY

Mechanical Engineer for the early stages of the design of two pavilion buildings located in this park. The buildings housed bathroom, park maintenance and restaurant facilities.

### JetBlue Terminal 3, Fort Lauderdale-Hollywood International Airport, Fort Lauderdale, FL

Arup was commissioned by JetBlue to provide project management, building design and technical expertise for the In-line Centralized Baggage Inspection System project. The project replaced the outdated baggage handling and screening systems with new, including new EDS machine. The baggage handling areas of the building are expanded to accommodate the larger system, new power supplies are required and programmatic functions in the building are added and / or re-located. Raymond led Arup's team of engineers and consultant for the duration of the project.

### New Museum of Contemporary Art, New York, NY

Principal-in-Charge for this new 53,000ft<sup>2</sup> museum in lower Manhattan. The building includes art storage and exhibit spaces, public area, offices, education, events and theatre spaces. Arup is providing mechanical, electrical, plumbing, audio visual and ITC engineering design services. The building opened in 2007.

\* experience prior to joining Arup

## Cliff McMillan, PE, CEng



### Profession

Project Manager  
Civil/Structural Engineer

### Current Position

Principal

### Joined Arup

1965

### Years of Experience

46

### Qualifications

BEng, University of Natal, 1962  
MEng, University of Witwatersrand, South Africa  
PE, South Africa  
CEng

### Professional Associations

Fellow, Institution of Civil Engineers (FICE), United Kingdom, 1988  
Honorary Fellow, South African Institution of Civil Engineers (HonFSAICE), 1999  
Four Outstanding Young South Africans (FOYSA) Award, 1981

### Committees

President, South African Association of Consulting Engineers, 1996  
President, South African Institution of Civil Engineers (SAICE), 1988  
President, Associated Scientific and Technical Societies of Southern Africa, 1992  
Member, South African Civil Engineering Advisory Council, 1984-1988  
First Chairman, Central Johannesburg Partnership, 1992  
Founder and Former Chairman, Program for Technological Careers (Protec)

Cliff McMillan is a Principal in the Arup New York office. He is responsible for project and program management for major infrastructure and building projects in the United States. He has been responsible for the design and management of major development, building, industrial and infrastructure projects in the United States and other countries.

Cliff's technical expertise is in structural and geotechnical engineering and he has been responsible for major building, industrial and marine structure and foundations.

Cliff is a hands-on manager who excels at pulling together the best of Arup's expertise to handle complex and demanding projects. As a project manager, Cliff strives for innovative design management and coordination, while being flexible and responsive to client needs. He has extensive domestic and global experience in construction industry issues due to his ongoing project involvement and many years as a senior representative in the profession. Cliff has provided strategic and specialist advice to clients in various fields and has experience in community consultation, and dispute resolution as a mediator, arbitrator and expert witness. Having led the design and implementation of many projects, Cliff's strengths are in team integration, innovation and clarity of project objectives.

With 46 years of broad international experience with Arup, Cliff's strengths are in team integration, innovation and clarity of project objectives.

### East River Waterfront Esplanade and Piers Project, New York, NY

Deputy Project Manager for the Joint Venture appointed by NYC Economic Development Corporation for all engineering and management services for the 2-mile East River Waterfront Esplanade and Piers project in lower Manhattan. Specific responsibility for managing the interface and collaboration with EDC's Architect Team and coordinating their delivery.

### Hudson River Park, New York, NY

Project Manager responsible for Arup's park-wide project management and design coordination services for the Hudson River Park development from Battery Park City to 59<sup>th</sup> Street. The 550-acre, 5-mile long project will regenerate the historic waterfront, provide a continuous esplanade, and reconstruct 13 piers on the west side of Manhattan between the bulkhead wall and the west side highway. Passive and recreational park areas, public event areas,

### Awards

Lincoln Center CMP: 2008 ACEC New York, Platinum Award for Engineering Excellence

### Publications

McMillan, C. "New York Waterfronts". Presentation to the Seminar on Urban Port Waterfronts, Santander, Spain, April 2011  
Boddewyn, M and McMillan, C. "Planning, design and construction of Hudson River Park". Port Technology International, 2001  
Boddewyn, M and McMillan, C. "Hudson River Park: Urban Waterfront Renewal for New York City", ASCE Seminar: Geotechnical Construction on the Waterfront, New York, May 2009  
McMillan, C. and Butlin. "Improved Finite Element for Analysis of Plane Coupled Shear Walls". Civil Engineering and Public Works Review, 1971  
McMillan, C. "African Eagle Life Centre – A High-rise Precast Load-bearing Façade". Pan-Pacific Tall Buildings Conference, Hawaii, 1975  
McMillan, C. et al. "Design and construction of a 300m high multi-flue chimney at Duvha Power Station". Civil Engineer in South Africa, 1979  
McMillan, C. et al. "The settlement performance of a raft supporting a 27-storey hotel on estuarine deposits in Durban". Civil Engineer in South Africa, 1988  
McMillan, C. et al. "Cape Town Olympics". Arup Journal, Issue 3/1994, 10-14  
McMillan, C. et al. "Johannesburg Stadium". Arup Journal, Issue 2/1996, 44-51  
McMillan, C. et al. "Soda Ash Project at Sua Pan, Botswana." Arup Journal, Winter 1991/92, 8-11

water-based recreation, and water taxi stops will promote public access to the Hudson River. A marine sanctuary, habitat areas, and eco-piers will protect wildlife.

Arup's responsibility is for project management and design coordination services to the client, Hudson River Park Trust, for the whole park. Primary responsibilities include controlling standards; producing design guidelines; designing park-wide elements such as railings and light poles and advising the Trust on a park-wide security system; managing segment design teams and stage-by-stage reviews of design documents, which include marine engineering and piling associated with re-constructing a number of the old piers; reviewing estimates and schedules; managing 14 subconsultants; controlling documents and establishing an historic reference document library; implementing a web-based project management system, Constructware, to control more than 50 contracts; and coordinating permits through New York State and City agencies.

### East River Walk, New York, NY

Concept study for proposed over-water esplanade between 40<sup>th</sup> and 50<sup>th</sup> Streets in Manhattan.

### Pier A, New York, NY

Project Director for the renovation of the historic Pier A building on the Hudson River at Battery Park, Arup is working with the NYC Economic Development Corporation and Battery Park City Authority to reconstruct areas of the Pier A promenade and plaza.

### Waterfront Feasibility Study, Santos, Brazil

Project Director for a World Bank funded feasibility study for a water front in Santos, the largest port in Brazil.

### Grootegeluk Coal Preparation Plant, Ellisras, South Africa

Principal with overall responsibility for structural and civil design of major coal preparation plant involving 10,000 tons of structural steel.

### Steam Plant Chimney, Sasal III, Secunda, South Africa

Principal responsible for design of 300m tall 4-flue chimney.

### Mauritius Commercial Bank, Port Louis, Mauritius

Principal with overall responsibility for design and coordination of structural, mechanical and electrical services for a 12-story office building, subject to tropical cyclone conditions.

### Cape Town Olympics 2004 Bid, South Africa

Leader of multidisciplinary consultant feasibility study team to support Cape Town's successful bid to be the South African candidate city to bid for the 2004 Olympic Games.

\* experience prior to joining Arup

**Suzan Tillotson**  
**President**  
**IALD, IES**

Ms. Tillotson founded Tillotson Design Associates in 2004 with twenty-three years of lighting design experience. She has won numerous awards for her work and has been featured in many national and international publications. Ms. Tillotson is a member of the IALD Board of Directors and has been the IALD NY area Regional Coordinator since 2008. She has been an IES member for thirty years and was president of the Southwest Louisiana Section. She has also served as an awards judge for the New York IES Lumens and the IALD.

After graduating from the Louisiana State University School of Architecture, Ms. Tillotson worked for Levy-Kramer Associates, a thirty-five person engineering firm, where she was head of the lighting department. Upon relocating to NYC in 1986, Ms. Tillotson acquired additional experience at Flack + Kurtz Engineers and H. M. Brandston and Partners before joining Jerry Kugler and later forming Kugler Tillotson Associates. Ms. Tillotson has directed all phases of design for a wide variety of award-winning domestic and overseas projects

**EXPERIENCE**

2004 - Present Tillotson Design Associates - President and Founder  
 1988 - 2004 Kugler Tillotson Associates - Associate/Principal (49% owner at time of departure)  
 1987 - 1988 Howard M. Brandston and Partners - Project Manager  
 1986 - 1987 Flack + Kurtz Engineers - Project Manager in lighting department  
 1981 - 1986 Levy-Kramer Consulting Engineers - Head of Lighting Design Department

**EDUCATION**

LSU School of Architecture - BA Interior Design  
 LSU College of Art and Design 2012 Distinguished Alumni Award Recipient

**MEMBERSHIPS**

Illuminating Engineering Society (I.E.S.) Member since 1981  
 International Association of Lighting Designers (I.A.L.D.) Board Member

**RECENT AWARDS**

2012 IES Lumen Citation for Lighting – Cornell University Milstein Hall – Ithaca, NY  
 2011 GE Edison Award of Excellence – Cornell University Milstein Hall – Ithaca, NY  
 2011 A|L Outstanding Achievement Award – Lincoln Center Plazas – New York, NY  
 2011 IES Illumination Award of Excellence – Lincoln Center Plazas – New York, NY  
 2011 IES Lumen Award of Merit – Lincoln Center Plazas – New York, NY  
 2011 A|L Outstanding Achievement Award – Dee and Charles Wyly Theatre – Dallas, TX  
 2011 IES Lumen Award of Merit – Dee and Charles Wyly Theatre – Dallas, TX  
 2011 IALD Award of Merit – Dee and Charles Wyly Theatre – Dallas, TX  
 2010 IES Lumen Award of Merit – The Wright at the Guggenheim Museum – New York, NY

**PROFESSIONAL DEVELOPMENT**

2012 LSU College of Art and Design Commencement Address Speaker  
 Judge - New York I.E.S. Lumen Awards and I.A.L.D. Awards  
 Instructor - New York I.E.S. Introductory Lighting  
 Guest Lecturer - Louisiana State University, Rutgers University, McGill University, Princeton University School of Architecture and Cornell University

**Mark Kubicki,**  
**Principal**

Mark Kubicki joined Tillotson Design in 2005, after fifteen years of experience in lighting design as a project manager and associate at Kugler Tillotson Associates. His lighting experience includes a wide variety of award-winning public and private projects, many of which have been featured in national publications, including the LEED Platinum Queens Botanical Garden, and Thorne Hall at Bowdoin College. Prior to his work in lighting design, Mr. Kubicki worked with architecture and space planning firms in both New York and Philadelphia. Mr. Kubicki's experience also includes five years as a staff architect/planner for the National Park Service where he was involved with the urban development, rehabilitation, and management of urban park structures and facilities.

Mr. Kubicki received his Bachelor of Architecture from the New Jersey Institute of Technology and completed additional studies in the MFA in Lighting Design Program at Parsons School of Design. He has also worked as a commercial electrician, and has been the Master Electrician for several Off-Broadway theatrical companies in NYC.

Mr. Kubicki's notable TDA projects include: the Wright Restaurant at the Guggenheim Museum, in NYC; the Alessi flagship store in NYC; the Harvard Club in NYC; and the Balsille School of International Affairs in Ontario, Canada.

**EXPERIENCE**

2005 – Present Tillotson Design Associates – Principal

- Leads a team of two designers working on an average of 15 jobs at a time.
- Oversees quality control throughout the entire project
- Attends meetings with architects and clients

1991- 2006 Kugler Tillotson Associates – Associate  
 1987 - 1991 National Park Service, Gateway Sandy Hook Unit - facilities planner  
 1985- 1987 Frank C. Hawk Architect PC -designer  
 1982 - 1985 Crowell Design - designer  
 1980-1982 Philadelphia Development Corporation- HUD grant administrator

**EDUCATION**

New Jersey Institute of Technology – Bachelor of Architecture

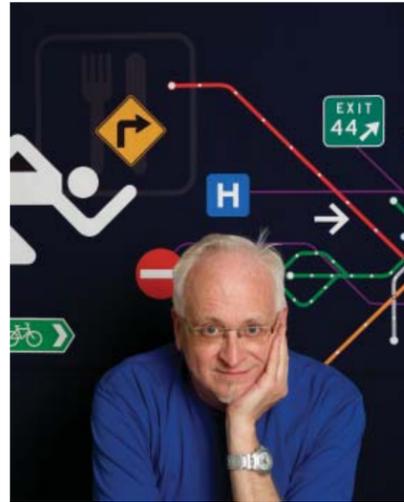
**RECENT AWARDS**

2012 AIA Design Merit Award– Berkley Art Museum & Pacific Film Archive – San Francisco, CA  
 2012 AIA Institute Honor Award for Interior Architecture – The Wright – New York, NY  
 2012 IES Illumination Award of Merit – Balsillie School of International Affairs – Waterloo, Ontario  
 2010 IES Lumen Award of Merit – The Wright at the Guggenheim Museum – New York, NY  
 2007 A|L Light & Architecture Design Award – Alessi Flagship Store – New York, NY

**PROFESSIONAL DEVELOPMENT**

Additional studies in the MFA in Lighting Design Program at Parsons School of Design.

40 Worth St. 212.675.7760 t  
 Suite 703 212.675.7826 f  
 NY NY 10013 www.tillotsondesign.com



### David Gibson, Principal

David Gibson is co-founder and managing principal of Two Twelve. His dedication to delivering thoughtful, user-centered design established the firm's reputation as the first advocate of "public information design," the planning and presentation of complex information to diverse audiences.

David is responsible for some of the firm's highest profile projects including wayfinding and signage design for the Yale University campus and Radio City Music Hall; master planning and environmental graphic design for Children's Hospital Boston and Massachusetts General Hospital; identity design and pedestrian signage systems for the City of Charlotte, North Carolina and Downtown Brooklyn; and signage for Severance Hall, home of the Cleveland Orchestra. He has led more recent projects for The Alexandria Center for Life Science on Manhattan's east side, Princeton University, and The Johns Hopkins Hospital.

An internationally recognized and published designer, David began his career with the Ontario Ministry of National Resources in his native Canada. He studied architecture at Cornell University, attended the Nova Scotia College of Art and Design, and received an MFA in graphic design from Yale University. He is also an award-winning organic garden designer.

David gives workshops and lectures on the discipline and value of wayfinding design at educational institutions and industry associations across the United States and around the world. He is a past President and Board Member of the Society for Environmental Graphic Design (SEGD), and recently completed his term on the National Board of AIGA. David is author of the award-winning volume *The Wayfinding Handbook: Information Design for Public Places*, published by Princeton Architectural Press. He was named Fellow of SEGD in 2009, and Chair of SEGD's Past Presidents Council in 2011.



### Jonathan Posnett, Creative Director

Jonathan Posnett has been working with Two Twelve since 2007 when he came on board as a freelance project manager for the wayfinding and signage program for the New Meadowlands Stadium, the new home of the New York Giants and New York Jets NFL teams as of 2010.

Jonathan accepted an invitation to become a full time Creative Director in October 2008. Since then, he his work has included the rechristened David H. Koch Theater (formerly the New York State Theater at Lincoln Center), the Botanical Research Institute of Texas in Fort Worth, the City of Richmond, Virginia.

Jonathan's recently completed projects include donor recognition and wayfinding signage for the Smith Center for the Performing Arts in Las Vegas; environmental graphics for UNC Chapel Hill's Kenan Memorial Stadium, and mater plan development and vehicular and pedestrian wayfinding design for the City of Charlotte, North Carolina. He is currently working on projects for NewYork Presbyterian/Weill Cornell Medical Center, Northwestern Medicine, Chicago and Downtown Dubai UAE.

Jonathan has excellent communication and collaboration skills, and has a talent for developing elegant creative solutions that reconcile the sometimes conflicting needs of clients, project partners, and end users.

Jonathan studied at West Surrey College of Art & Design and Derby University, in England where he received his degree in Graphic Design in 1992. His work has been widely published and has received awards from Communications Arts, Graphis, SEGD and the New York Landmarks Conservancy.

He is a member of American Institute of Graphic Arts (AIGA) and the Society for Environmental Graphic Design (SEGD).



**FRANK SHERMAN**, RA, LEED<sup>AP</sup> BD+C is a recognized professional in the field of Green Building design and construction in the United States. Frank is a registered architect with a Degree in Architecture from Syracuse University, and has over 24 years' experience as a practicing architect, green building expert and sustainability consultant.

Over the years Frank has acquired broad experience relevant to building design, renovation, construction, preservation and planning. He is recognized as an expert on green building technology & design methodology, and is a champion of the LEED Rating System. Frank has worked in the design profession as well as in the construction industry. He has also gained valuable experience developing and implementing sustainability initiatives in the corporate world. Frank has spoken extensively about green building and LEED at conferences and meetings, both public and private throughout the country.

Frank is a past National Director of the U.S. Green Building Council, and served on their executive committee. He has been active in the growth and development of the Council for over 10 years and was instrumental in developing USGBC's National Chapter Program. Frank has served on the Boards of a number of Institutions, including the Everson Museum of Art, The American Institute of Architects – CNY Chapter, and the Empire State Craft Alliance.

**CURRENT PROJECTS:**

**Empire Stores Redevelopment**, New York, NY, LEED Certification Management and Consulting for Studio V Architects: LEED-CS Gold (anticipated)

**ETS Building 3**, Princeton NJ, LEED Certification Management for Educational Testing Services: LEED Silver (anticipated)

**Munich RE Plaza I & II**, Princeton NJ, LEED Certification Management and Consulting for Munich RE North America: LEED-EBOM Silver (anticipated)

**Universidad de Monterrey New Academic Building**, Nuevo Leon Mexico, LEED Certification Management for the Universidad de Monterrey, Mexico: LEED Gold (anticipated)

**Remsen Ave Reconstruction**, New York NY, with Kiss + Cathcart Architects for the City of New York Design Excellence Program: LEED Silver (anticipated)

**Embassy Suites at 60 West 37<sup>th</sup> St**, New York NY, LEED Certification Management for Hidrock Realty Inc.: LEED Silver (anticipated)



**FRANK SHERMAN**  
RA, LEED<sup>AP</sup> BD+C  
**DIRECTOR OF SUSTAINABILITY**

**REGISTRATION:**  
Registered Architect: New York

**PROFESSIONAL MEMBERSHIPS:**  
U.S. Green Building Council:  
National Board; 2007-2008  
Executive Committee; 2008  
Governance Committee Chair;  
2010-2012, Member 2009-2012  
Chapter Steering Committee  
Chair; 2006-2007, Member 2003-  
2007  
USGBC-NJ Chapter, Founding  
Chair 2001-2003

Rider University, Sustainable  
Studies Program, External  
Advisory Board; 2013-present

**EDUCATION:**  
Syracuse University – 1988  
Bachelor of Architecture

**HONORS and**  
Excellence in  
Installation - 1999, American  
Concrete Institute CNY Chapter,  
Guest Critic - SUNY College of  
Environmental Science, School of  
Landscape Architecture  
Guest Critic - Syracuse University  
School of Environmental Design  
Juror – International Association of  
Lighting Designers Design Awards

**Courtyard Marriott at 133 Greenwich St**, New York NY, LEED Certification Management for Hidrock Realty Inc.: LEED Silver (anticipated)

**CERTIFIED PROJECTS:**  
**World Trade Center 7**, New York, NY, LEED Certification Management & Consulting for Tishman Construction: LEED-CS Gold

**Mars Snackfood US Headquarters**, Hackettstown NJ, Construction Management, Certification Management and Consulting for Mars Snackfood US: LEED-CI Silver

**Fields Volvo**, Chicago IL, LEED Certification Management for Fields Automotive Group, recognized as Volvo North America's first LEED Certified automobile dealership: LEED Silver

**All Star Volvo**, Baton Rouge LA, LEED Certification Management and Consulting for the All Star automotive Group: LEED Silver

**Sprint Building 14**, Overland Park, KS, with Hillier Group for Sprint: LEED Certified

**Stockton College F-Wing Addition**, Pomona, NJ, with Cubellis/GBQC Architects for the Richard Stockton College of NJ: LEED Certified

**Dallas Animal Shelter**, Dallas TX, with Work Architecture for the City of Dallas: LEED Silver

**MSU New Academic Building**, Montclair NJ, with Terminal Construction for Montclair State University: LEED Silver

**MSU Student Recreation Center**, Montclair NJ, with Controlled Construction Inc. for Montclair State University: LEED Certified

**Mars Education Center at Ft. Ticonderoga**, Ticonderoga NY, with Tonetti & Associates for Friends of Ft. Ticonderoga: LEED Certified

**Jamaica Water Pollution Control Plant**, Jamaica NY, with Metcalf & Eddie Engineers for the City of New York: LEED Certified

**The Tocci Group, Inc.**

**On Time, On Budget for Over 65 Years™**

18 West 18<sup>th</sup> Street  
10<sup>th</sup> Floor  
New York, NY 10011

p/f: 212-343-0838  
[www.TheTocciGroup.com](http://www.TheTocciGroup.com)  
Certified W/S/DBE

**HUMBERTO ALZATE, P.E.**  
**CIVIL ENGINEER**  
**SENIOR ESTIMATOR- All Trades**  
**PROJECT MANAGER**

EDUCATION: B.S.C. in Civil Engineering - 1990  
National University Mines Faculty  
Medellin, Columbia  
Master Degree in Business Administration - 1997  
EAFIT University  
Medellin, Columbia

EXPERIENCE: **The Tocci Group, Inc.**  
1999 to Present Responsible for the preparation of cost estimates from conceptual through construction document phases based on detailed quantity take-off. Reviews and coordinates bid items estimates with Project team. Conducts bid and negotiation review. Inputs and updates cost data base and project cost items.

Select project experience includes:

DDC 1 Centre Street historic renovation, N.Y., N.Y.

DDC Community Center, N.Y., N.Y.

DDC Customs House historic renovation, N.Y., N.Y.

SCA various renovation and upgrades-all 5 boroughs

SCA Scoping reports- all 5 boroughs

Empire stores historic adaptive re-use, Brooklyn, N.Y.

P.S. 109 El Barrio Historic adaptive re-use, N.Y., N.Y.

The Education Alliance historic renovation, N.Y., N.Y.

GSA Social security Building, hisotirc renovation Jamaica, N.Y.

GSA United Nations building, historic renovation, N.Y., N.Y.



**SF330**

# ARCHITECT - ENGINEER QUALIFICATIONS

## PART I - CONTRACT-SPECIFIC QUALIFICATIONS

### A. CONTRACT INFORMATION

1. TITLE AND LOCATION <i>(City and State)</i> St. Petersburg Pier RFQ		
2. PUBLIC NOTICE DATE 08/11/2014	3. SOLICITATION OR PROJECT NUMBER	

### B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE Jay Valgora AIA, AICP, LEED AP Principal		
5. NAME OF FIRM STUDIO V Architecture		
6. TELEPHONE NUMBER 212-779-2288	7. FAX NUMBER 212-689-1325	8. E-MAIL ADDRESS jay@studiov.com

### C. PROPOSED TEAM

*(Complete this section for the prime contractor and all key subcontractors.)*

a.	<i>(Check)</i>			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	JV	PARTNER SUBCON- TRACTOR			
X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	STUDIO V Architecture <input type="checkbox"/> CHECK IF BRANCH OFFICE	44 East 32 Street New York, NY 10016	Architect
b.	<input type="checkbox"/>	<input type="checkbox"/>	X	Arup <input type="checkbox"/> CHECK IF BRANCH OFFICE	77 Water Street New York, NY 10005	Civil, Structural, Transportation
c.	<input type="checkbox"/>	<input type="checkbox"/>	X	HMWhite Site Architects <input type="checkbox"/> CHECK IF BRANCH OFFICE	107 Grand Street New York, NY 10013	Landscape
d.	<input type="checkbox"/>	<input type="checkbox"/>	X	Tillotson Design Associates <input type="checkbox"/> CHECK IF BRANCH OFFICE	40 Worth Street New York, NY 10013	Lighting
e.	<input type="checkbox"/>	<input type="checkbox"/>	X	Spiezle Architecture Group <input type="checkbox"/> CHECK IF BRANCH OFFICE	120 Sanhican Drive Trenton, NJ 08618	Sustainability
f.	<input type="checkbox"/>	<input type="checkbox"/>	X	Tocci Group <input type="checkbox"/> CHECK IF BRANCH OFFICE	18 W 18th Street New York, NY 10011	Cost Estimating

### D. ORGANIZATIONAL CHART OF PROPOSED TEAM

*(Attached)*

## E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

*(Complete one Section E for each key person.)*

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Jay Valgora	Principal	28	8

15. FIRM NAME AND LOCATION <i>(City and State)</i> STUDIO V Architecture, New York, NY
---

16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>  Fulbright Fellow England, Architecture & Urban Design Harvard University, Master of Architecture Cornell University, Bachelor of Architecture	17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>  AIA - NY, NJ, CT, FL, TX AICP LEED AP
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18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> Mr. Valgora has received a number of awards including the National AIA Award, The Business Week Design Award, the Interiors Award, and the AIA Award. He has been published in numerous publications including the New York Times, Wall St. Journal, New York Post, Daily News, New York Magazine, Progressive Architecture, Architectural Record, Interiors.
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### 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Empire Stores, New York, NY	2012 - current	2013 - current

a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE STUDIO V is part of the winning team selected to rehabilitate the Empire Stores as an historic preservation and adaptive re-use project. Mr. Valgora led the team to develop a design and program for commercial and office use, including a new public space with an arcade and courtyard that passes through the Stores to link the neighborhood to the Brooklyn Bridge Park.	<input checked="" type="checkbox"/> Check if project performed with current firm
--	--

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Macy's Herald Square Rehabilitation and Renovation, New York, NY	2010-2013	2012-2013

b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Bevivino led the renovation and rehabilitation of Macy's Herald Square store on both the ground and mezzanine level (150,000 SF) including the fine jewelry, cosmetic, watch, luxury, and accessory departments. The entire Macy's Herald Square renovation is estimated at \$400 million.	<input checked="" type="checkbox"/> Check if project performed with current firm
---	--

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Industry City Master Plan, Brooklyn, NY	2006-2012	

c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Design services encompass a broad range of programs and scales for this 6 million square foot complex in Bush Terminal. Mr. Valgora designed offices, lobbies, retail, facades, and historic restoration. The streetscape design will link the complex to the subway and proposed Brooklyn Greenway pedestrian walkway.	<input checked="" type="checkbox"/> Check if project performed with current firm
--	--

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Halletts Point, Astoria, NY	2007-current	

d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Valgora is providing master planning design services for Halletts Point that consists of 3 million SF of vacant warehouses and factories. Mr. Valgora's designs include reconnecting the formerly severed streets on the point and have been successfully working with City Planning, DOT, NYCHA, and the community to achieve this complex goal.	<input checked="" type="checkbox"/> Check if project performed with current firm
--	--

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Astoria Cove, Astoria, NY	2008 - current	

e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Valgora is providing master plan services for Astoria Cove and has been working closely with City Planning to rezone the area. Mr. Valgora's designs are for a new sustainable community that provides improved access to the waterfront, peninsula and new major waterfront park linked to Astoria Park.	<input checked="" type="checkbox"/> Check if project performed with current firm
--	--

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME  Leo Chung	13. ROLE IN THIS CONTRACT  Project Manager, Senior Designer	14. YEARS EXPERIENCE	
		a. TOTAL 10	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION (City and State) STUDIO V Architecture, New York, NY			
16. EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
Columbia University, GSAPP, Master of Architecture  Chungang University, Bachelor of Architecture			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Chung is a talented designer with extensive experience in urban master planning and large-scale institutional architecture. He was a winner of the Osong Biovalley International Competition in 2011, and the Kyonggi Architectural Competition in 2004.			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Astoria Cove, Astoria, NY	2008 - current	
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Chung is providing master plan services for Astoria Cove and has been working closely with City Planning to rezone the area. Mr. Valgora's designs are for a new sustainable community that provides improved access to the waterfront, peninsula and new major waterfront park linked to Astoria Park.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
Halletts Point, Astoria, NY	2007-current	
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Chung is providing master planning design services for Halletts Point that consists of 3 million SF of vacant warehouses and factories. Mr. Valgora's designs include reconnecting the formerly severed streets on the point and have been successfully working with City Planning, DOT, NYCHA, and the community to achieve this complex goal.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
Marin Avenue, Jersey City, NJ	2014 - current	
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE STUDIO V is providing architectural and urban planning services for this large residential site in New Jersey. Mr. Chung is working to revive the lively street life and pedestrian scale quality of historic Jersey City to a transformed superblock.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
Waterfront Commons, Staten Island, NY	2014 - current	
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE For this expansive waterfront property, Mr. Chung is leading a team analyze and plan several dozen acres in Gravesend. STUDIO V will conduct a zoning analysis, programming study, and historic evidence research, as well as a study of the shoreline bulkhead and flood mitigation options.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
Paragon Outlets, Bronx, NY	2013 - current	
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Chung is on the team to provide architectural design and master planning services for Paragon Outlets, a retail destination in the Bronx, NY. Along with design services, STUDIO V is working to provide water taxi service to and from this site.		
<input checked="" type="checkbox"/> Check if project performed with current firm		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME  Michael Bevivino	13. ROLE IN THIS CONTRACT  Senior Project Designer	14. YEARS EXPERIENCE	
		a. TOTAL 10	b. WITH CURRENT FIRM 2
15. FIRM NAME AND LOCATION (City and State) STUDIO V Architecture, New York, NY			
16. EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
Syracuse University, Bachelor of Architecture			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Bevivino is a talented designer with extensive experience in urban master planning, architectural design, and construction administration. He has received the 2009 AIA CT Business Architecture Award, and the 2008 AIA CT Design Award and People's Choice Award.			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Macy's Herald Square Ground and Mezzanine Levels, New York, NY	2010-2013	2012-2013
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Bevivino led the renovation and rehabilitation of Macy's Herald Square store on both the ground and mezzanine level (150,000 SF) including the fine jewelry, cosmetic, watch, luxury, and accessory departments. The entire Macy's Herald Square renovation is estimated at \$400 million.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
600 W. 58th Street, New York, NY	2013-current	
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE As senior project designer, Mr. Bevivino is leading a team to design the architecture and interior design of a ten-story mixed-use tower on the west side of Manhattan. The building features innovative, sustainable construction methods to work towards a LEED certification.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
44-02 Vernon Boulevard, Queens, NY	2013 - current	
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Bevivino provided complete zoning analysis of the site, including New York City Waterfront regulations. He developed massing options with core dimensions and depths maximizing the FAR allowable for the project. In addition, Mr. Bevivino generated preliminary unit mix and floor area schedules.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
The Haven Retail Center, West Haven, CT	2013 - current	
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE STUDIO V is creating a master plan and market presentation, led by Mr. Bevivino, for a new high-end luxury retail center on the waterfront of Connecticut. The project features sustainable construction, flood-mitigation strategies, and flexible social spaces that can shift with the seasons.		
<input checked="" type="checkbox"/> Check if project performed with current firm		
Hellenic University, Queens, NY	2013	
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE In a complex intervention for a university in a dense urban setting, STUDIO V created an extensive master plan for the Hellenic University in Queens. Mr. Bevivino led a team to provide an in-depth precedent study, zoning analysis, and massing study, and provided plans, isometric diagrams and elevations.		
<input checked="" type="checkbox"/> Check if project performed with current firm		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME  Gianfranco Cerini	13. ROLE IN THIS CONTRACT  Senior Designer and Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 14	b. WITH CURRENT FIRM 5
15. FIRM NAME AND LOCATION (City and State) STUDIO V Architecture, New York, NY			
16. EDUCATION (DEGREE AND SPECIALIZATION)  New York Institute of Technology, Bachelor of Architecture		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Mr. Cerini is a talented designer with more than fourteen years of experience designing and managing projects of all scale and type. His extensive local experience with historic preservation and interior architecture has allowed him to play a key role in design and construction management for projects across New York City for nearly a decade.			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Empire Stores, New York, NY	2012 - current	2013 - current
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm STUDIO V is part of the winning team selected to rehabilitate the Empire Stores. Mr. Cerini is working on the team to develop a design and program for commercial and office use, including a new public space with an arcade and courtyard that passes through the Stores to link the neighborhood to the Brooklyn Bridge Park.		
Industry City– Brooklyn, NY	2006-2012	
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Design services encompass a broad range of programs and scales for this 6 million square foot complex in Bush Terminal. Mr. Cerini was on the team to design offices, lobbies, retail, facades, and historic restoration. The streetscape design will link the complex to the subway and proposed Brooklyn Greenway pedestrian walkway.		
Brooklyn Navy Yard – Brooklyn, NY	2011	
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm As finalists for a Brooklyn Navy Yard RFP, STUDIO V produced in-depth feasibility analysis, drawings, and renderings to maximize a building's economic impact on its neighborhood. Mr. Cerini was on the team to analyze the site's existing conditions and create various plans for development.		
Seward Park Master Plan – New York, NY	2013	
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm STUDIO V produced an overall master plan to restore, revive and enliven a downtrodden Lower East Side neighborhood. The NYCEDC selected our project team, led by FCRC, as a finalist for this community-oriented project. As Project Manager, Mr. Cerini led the team coordination.		
201 E. 71st Street, New York, NY	2013 - current	
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm 201 E 71st Street involves the restoration and adaptive re-use of an early twentieth century building conversion into rental and condominium apartments. Mr. Furlanello is involved in all phases of design, including all architectural services as well as team coordination.		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
(Complete one Section E for each key person.)

12. NAME  Sohee Moon	13. ROLE IN THIS CONTRACT  Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 14	b. WITH CURRENT FIRM 1
15. FIRM NAME AND LOCATION (City and State) STUDIO V Architecture, New York, NY			
16. EDUCATION (DEGREE AND SPECIALIZATION)  Louisiana State University, Bachelor of Architecture		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Ms. Moon has thirteen years of professional architecture practice experience ranging from commercial, mixed-use, retail, master planning, interiors, and museums to architectural book publication. She joined STUDIO V Architecture in 2013 as a Project Manager, and has been responsible for the design, development and coordination of several large-scale projects.			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Morimoto Disney	2013 - current	2014-2015
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Morimoto Disney is inspired by a theme of industrial chic, abandoned bottling plant elements, and pan Asian cuisine. As Project Manager, Ms. Moon is leading design, conceptual studies, motifs, planning and program distribution for the exterior and interior of this restaurant.		
155 Attorney Street – New York, NY	2013 - current	2014 - 2015
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm STUDIO V is working to transform a Lower East Side building into a high-end residential destination. Ms. Moon is working with the client and a team of consultants and vendors to emulate the authentic downtown feel of this neighborhood in 155 Attorney Street in terms of floor layouts, scale and aesthetic.		
Greenpoint Master Plan – Brooklyn, NY	2013	
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm For this five-block waterfront site in Brooklyn, STUDIO V conducted extensive site analysis for programming and existing neighborhood fabric and needs. Ms. Moon led a team to perform thorough zoning analysis, and presented options for as-of-right and variance developments.		
Watchtower Properties – Brooklyn, NY	2013	
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Ms. Moon led design of a complex plan for this five-building site that is surrounded by a mesh of highways and bridges and situated in the center of the Brooklyn Tech Triangle. The master plan would promote mixed-use programming and green-space expansion to connect with the neighborhood.		
Pratt University Pavilion – Brooklyn, NY	2013 - 2014	
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Ms. Moon is working on the team to create a contemporary, dynamic pavilion for Pratt University's East Building. Inspired by the ubiquitous New York City water towers, the pavilion will become an emblem of the university's architecture school, as well as a gathering and socializing area for students.		

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**  
*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED		20. EXAMPLE PROJECT KEY NUMBER
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>	
Macy's Herald Square Ground and Mezzanine Levels, New York, NY	2010-2013	2012-2013	

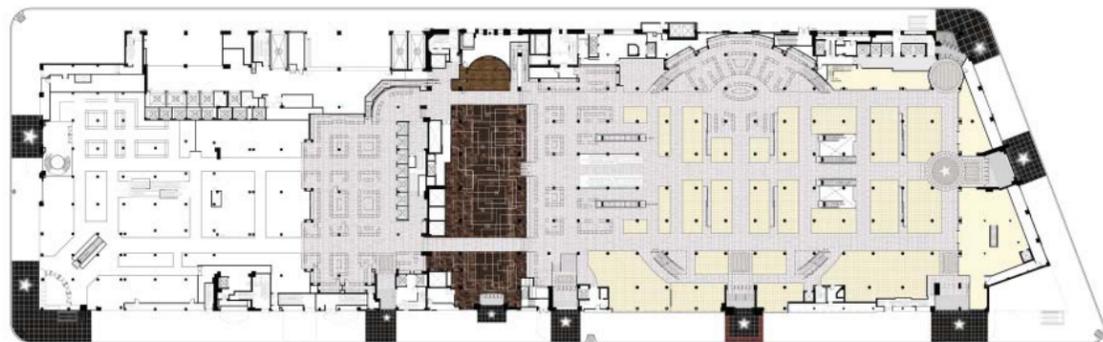
**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Macy's	Tom Herndon	(513) 579-7370

**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost)*



STUDIO V led the renovation and rehabilitation of Macy's Herald Square store on both the ground and mezzanine level (150,000 SF) including the fine jewelry, cosmetic, watch, luxury, accessory departments, and the high end restaurant on the sixth floor. The entire Macy's Herald Square renovation is estimated at \$400 million.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. STUDIO V Architecture	New York, NY	Architecture
b.		
c.		
d.		
e.		
f.		

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**  
*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

21. TITLE AND LOCATION <i>(City and State)</i>	22. YEAR COMPLETED		20. EXAMPLE PROJECT KEY NUMBER
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>	
Empire Stores, New York, NY	2012 - current	2013 - current	

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Midtown Equities	Jack Cayre	(212) 726-0777

**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost)*

STUDIO V is part of the winning team selected to rehabilitate the Empire Stores. Studio V is working on the team to develop a design and program for commercial and office use, including a new public space with an arcade and courtyard that passes through the Stores to link the neighborhood to the Brooklyn Bridge Park.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. STUDIO V Architecture	New York, NY	Architecture
b. Robert Silman Associates	New York, NY	Structural Engineering
c.		
d.		
e.		
f.		

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**  
*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

21. TITLE AND LOCATION <i>(City and State)</i>  Halletts Point (Astoria, NY)	22. YEAR COMPLETED		20. EXAMPLE PROJECT KEY NUMBER
	PROFESSIONAL SERVICES 2007-current	CONSTRUCTION <i>(If applicable)</i>	

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER Lincoln Equities	b. POINT OF CONTACT NAME Bob Schenkel	c. POINT OF CONTACT TELEPHONE NUMBER (201) 531-2359
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost)*



STUDIO V has provided master planning services to the developers of Halletts Point for this waterfront property. We developed concepts for the 2 million SF site, streetscape for the site and nearby NYCHA houses, and working with Field Operations develop a waterfront esplanade park along Astoria Cove.

For this project, we worked with the MTA to extend bus service into the area, as well as restrooms for bus drivers.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. STUDIO V Architecture	New York, NY	Architecture
b. Langan Engineering	New York, NY	Civil & Geo-Technical Engineering
c.		
d.		
e.		
f.		

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**  
*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

21. TITLE AND LOCATION <i>(City and State)</i>  Astoria Cove, Astoria, NY	22. YEAR COMPLETED		20. EXAMPLE PROJECT KEY NUMBER
	PROFESSIONAL SERVICES 2008 - current	CONSTRUCTION <i>(If applicable)</i>	

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER Alma Realty	b. POINT OF CONTACT NAME John Mavroudis	c. POINT OF CONTACT TELEPHONE NUMBER 718-267-0300
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**24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT** *(Include scope, size, and cost)*



STUDIO V is providing master plan services for Astoria Cove and has been working closely with City Planning to rezone the area. STUDIO V's designs are for a new sustainable community that provides improved access to the waterfront, peninsula and new major waterfront park linked to Astoria Park. We also conducted a study to provide water taxi service to and from Manhattan, which the City is now working to implement.



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. STUDIO V Architecture	New York, NY	Architecture
b.		
c.		
d.		
e.		
f.		

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER
21. TITLE AND LOCATION <i>(City and State)</i>  Industry City, Brooklyn, NY	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2006-2012	CONSTRUCTION <i>(If applicable)</i>
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Industry City Associates	b. POINT OF CONTACT NAME Bruce Federman	c. POINT OF CONTACT TELEPHONE NUMBER (718) 965-6450
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

Design services encompass a broad range of programs and scales for this 6 million square foot complex in Bush Terminal. STUDIO V designed offices, lobbies, retail, facades, a proposed basketball court for the Brooklyn Nets, and historic restoration. The streetscape design will link the complex to the subway and proposed Brooklyn Greenway pedestrian walkway.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. STUDIO V Architecture	New York, NY	Architecture
b.		
c.		
d.		
e.		
f.		

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER
21. TITLE AND LOCATION <i>(City and State)</i>  1200 Broadway, New York, NY	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013 - current	CONSTRUCTION <i>(If applicable)</i> 2013 - current
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Jay Valgora	b. POINT OF CONTACT NAME Jay Valgora	c. POINT OF CONTACT TELEPHONE NUMBER (212) 779-2288
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		



A former grand hotel built in 1867, the Gilsey House at 1200 Broadway is listed on the National Register. STUDIO V managed design and team coordination for the penthouse unit of this building, including a complete renovation of the existing interior and a contemporary rooftop addition. STUDIO V worked with the Landmarks Commission and BSA to accomplish this job.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. STUDIO V Architecture	New York, NY	Architecture
b.		
c.		
d.		
e.		
f.		

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER
21. TITLE AND LOCATION <i>(City and State)</i>  One Vernon Jackson (Long Island City, NY)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2009-2010	CONSTRUCTION <i>(If applicable)</i> 2011
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Times Square Construction	b. POINT OF CONTACT NAME Kevin O'Sullivan	c. POINT OF CONTACT TELEPHONE NUMBER 212-687-1400
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

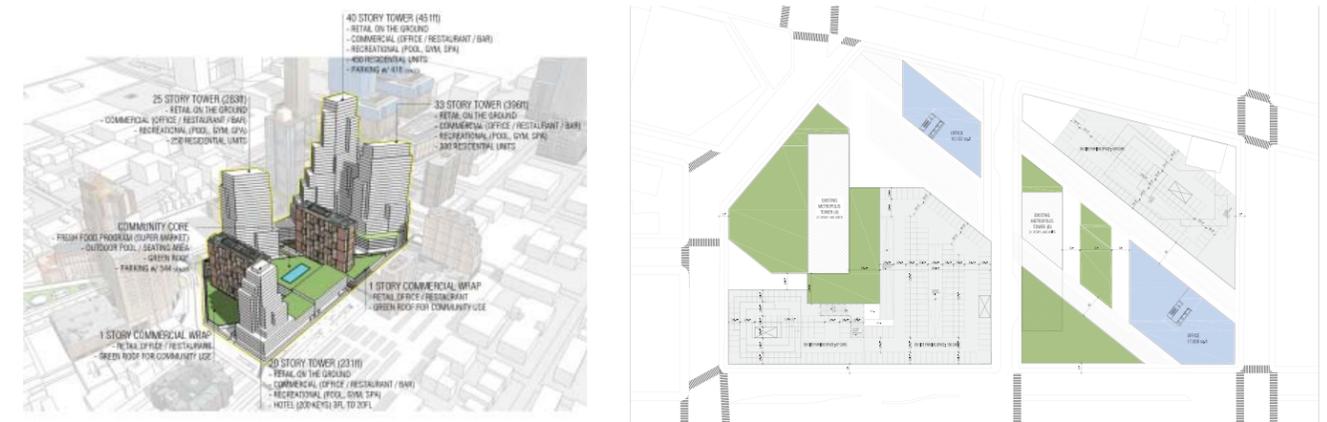


STUDIO V provided full architectural design for a new nine story commercial building of 143,750 SF. We started in 2010 with concepts and just recently received permits to start construction.

This site is located above a subway station; we coordinated with the MTA engineers to build above the tracks.

The plans for this project was created in Revit so the client can use the BIM information for construction. The client is a large construction company in New York. This project is also relevant to this contract because the new building will have manufacturing on the first two floors, office space in the middle floors and an event space on the top floor with a roof party space. The construction budget for the project is estimated at \$21 million.

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER
21. TITLE AND LOCATION <i>(City and State)</i>  Marin Avenue, Jersey City, NJ	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014 - current	CONSTRUCTION <i>(If applicable)</i>
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Alma Realty	b. POINT OF CONTACT NAME John Mavroudis	c. POINT OF CONTACT TELEPHONE NUMBER 718-267-0300
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		



STUDIO V is working with Alma Realty to revive and recreate a residential mixed-use block in Jersey City. In addition to creating a more lively work/play environment for residents, we have been working with the Port Authority and City Planning of Jersey City to add a new PATH opening to the site.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME STUDIO V Architecture	(2) FIRM LOCATION <i>(City and State)</i> New York, NY	(3) ROLE Architecture
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME STUDIO V Architecture	(2) FIRM LOCATION <i>(City and State)</i> New York, NY	(3) ROLE Architecture
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER
21. TITLE AND LOCATION <i>(City and State)</i>  303 East 33rd Street	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2007	CONSTRUCTION <i>(If applicable)</i> 2007-2008
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER The Kibel Companies	b. POINT OF CONTACT NAME Peter Levenson	c. POINT OF CONTACT TELEPHONE NUMBER (212) 481-5700
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

STUDIO V designed all interior spaces and architecture for 303 E 33rd Street, a LEED sustainable residential tower in Midtown Manhattan. Our design, including all shared and amenity spaces and units, featured multiple green spaces and sustainable materials.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. STUDIO V Architecture	New York, NY	Architecture
b.		
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<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER
21. TITLE AND LOCATION <i>(City and State)</i>  Niagara Falls Bridge and Downtown renovation	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010 - 2011	CONSTRUCTION <i>(If applicable)</i>
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Sutton Group	b. POINT OF CONTACT NAME Zoran Cocov	c. POINT OF CONTACT TELEPHONE NUMBER 905-454-1100
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		



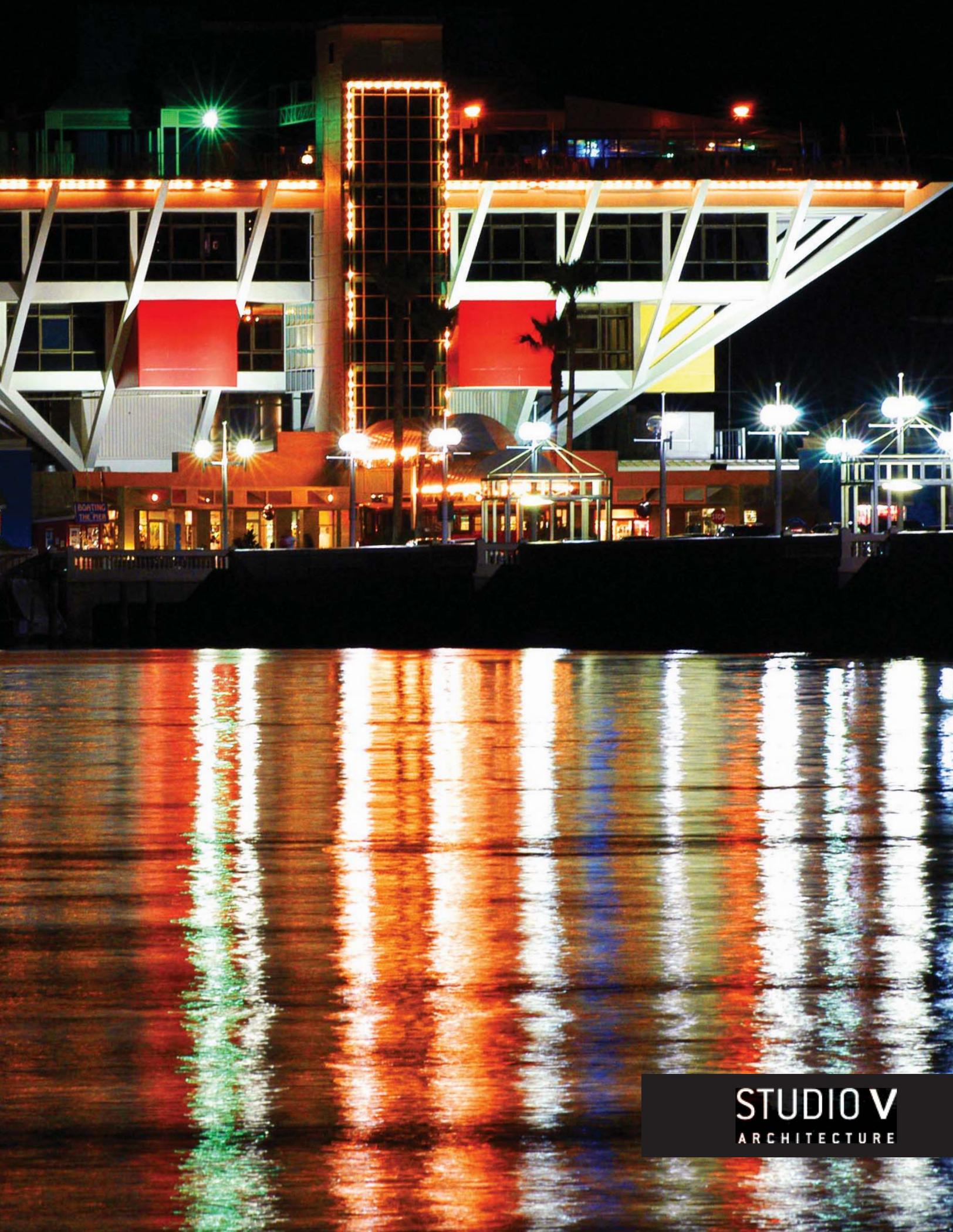
Studio V has designed a significant master plan for a 44 acre site in Niagara Falls, Canada. This project features two coordinated designs two clients: the architectural design of a museum on a former railway bridge for the City of Niagara Falls, and the design of an adjacent rail yard for a mixed use commercial development for Cross Link Bridge Development. For this project, we designed a station extension of GO rail service.

This site is a former CN Rail Yard, located immediately adjacent to Downtown Niagara Falls, Ontario, adjacent to a major Train Station with access to Toronto and New York City. This site is just one mile to the world famous Falls, and is directly on the Niagara River Escarpment.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. STUDIO V Architecture	New York, NY	Architecture
b.		
c.		
d.		
e.		
f.		







**STUDIO V**  
ARCHITECTURE