

PROPOSAL

Landscape Architectural Design Services

Village of Tuxedo Park Request for Proposal (RFP) For Landscape Architect Services

WEE WAH LAKE RECREATION AND BEACH
NOVEMBER 30, 2021

VILLAGE OF TUXEDO PARK
80 LORILLARD ROAD
PO BOX 31
TUXEDO PARK, NEW YORK 10987



Mark K. Morrison Landscape Architecture PC
Landscape Architecture, Planning, Urban Design, Green Infrastructure

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November 30, 2021

Dear Mr. Ledwith:

MKM Landscape Architecture PC (MKM) and our team of highly qualified professional firms are pleased to submit our proposal for master planning and designing a recreational area and swimming area on the peninsula of Wee Wah Lake Recreation and Beach. We understand that the Village of Tuxedo Park is interested in enhancing the site, making it more ADA accessible, and providing a updated and more inviting recreational opportunities for members of the community.

MKM has worked in the private and public realm throughout the greater NY metropolitan area, NY State, and New England for more than 48 years, providing design work and working drawings for greenways, playgrounds, ball fields, and parks. We have designed waterfront properties and are comfortable with the required permitting, sensitivity to native plant species and control of sedimentation near water bodies.

MKM understands that Tuxedo Park is on the National Register of Historic places and has recently worked on a series of projects with historic designations: Untermyer Park and Gardens (in Yonkers, NY), Bartow Pell Museum-Mansion (in Pelham Bay, NY), the Tabor Wing House (in Dover Plains, NY), the Highland Park Ridgewood Reservoir (in Brooklyn / Queens, NY), Central Park, NY, among others.

For this proposal, MKM has assembled a capable team of subconsultants. We are partnering with: Bay Environmental Consulting LLC, who will provide SEQR permitting, soil assessments, if required, determination of native species, and assessment of trees which may require removal. We are currently working with Bay Environmental Consulting on a large trail project in Van Cortlandt Park. We will also team with Collado Engineering, MEP engineers, who will be available to help design the plumbing for a drinking fountain, should the village decide to install one, and also will be available to design site lighting. We are currently teaming with Collado Engineering on the Untermyer Garden pool restoration and numerous playground projects.

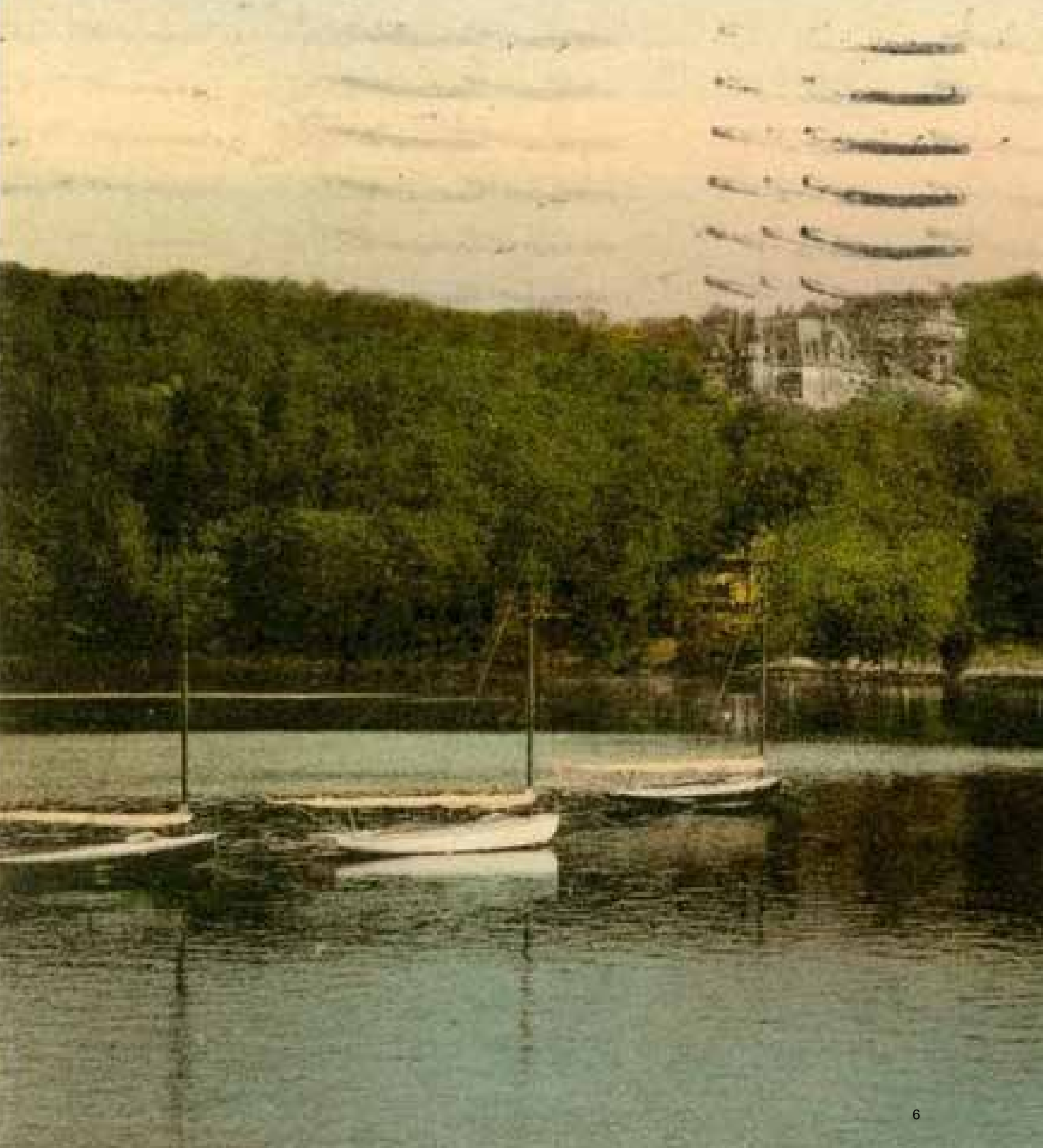
During this health crisis, MKM is organized to perform site visits safely and to manage meetings over the web as needed. Thank you for the opportunity to submit our proposal. We hope to work with you on this historic site to the satisfaction of your village residents.

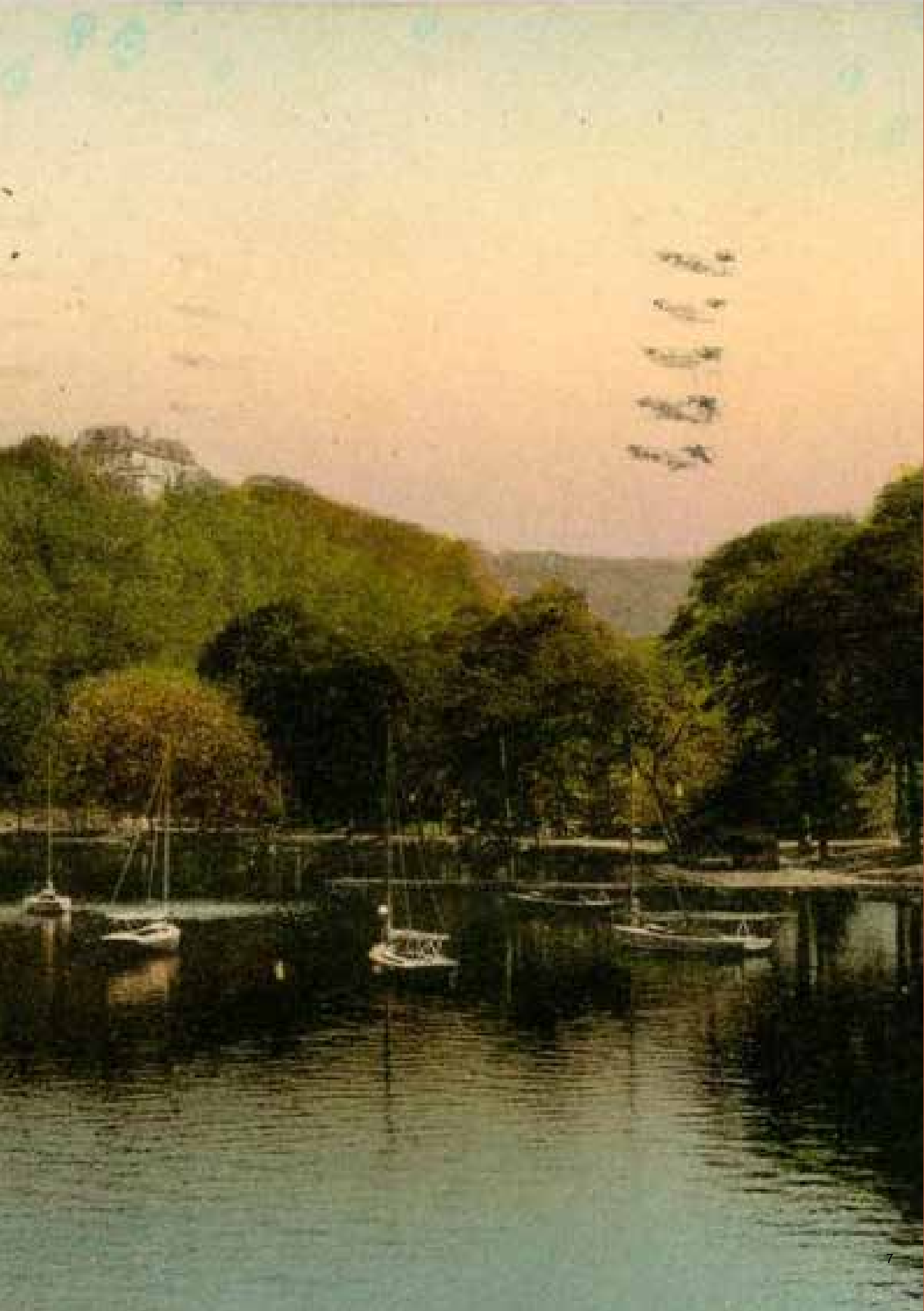
Sincerely,



Mark K. Morrison, RLA, LLA, FASLA, GRP

Tuxedo Lake Tuxedo Park, N. Y.





RELEVANT EXPERIENCE

TWIN LAKES BEACH CLUB

Salisbury, CT



In an ongoing effort to activate the shore front of the Twin Lakes Beach Club and to encourage members to enjoy the shore front, the Twin Lakes Beach Club asked MKM and Ligning LLC to design and build a deck and bench, surrounded with low maintenance plantings, at the edge of the lake. Ligning worked with the club to further activate the shore use: building a boat rack, a floating dock, and redoing lakeside plantings.





MKM planned and built a seasonal dock. Native grasses are planted to stabilize the shoreline.



View across the beach toward the docks, showing seating and the edge plantings that buffer the tennis court.



View along the edge of the tennis court, showing native and ornamental grasses and perennials, as well as trees and shrubs, designed to buffer the court from the beach.



P.S. 19K, BROOKLYN, NY

MKM designed this innovative program to allow students to interact with natural materials. Boulders are placed throughout the schoolyard, and a series of custom-produced wooden logs form an area where children can climb, sit, balance, or socialize. Plantings throughout are attractive to pollinating species. Stone paths invite students to explore.

PROJECT SERVICES

Conceptual & Schematic Design
Construction Documentation
Construction Administration

YEAR 2018
CLIENT NYC School Construction Authority
BUDGET \$320,000.00

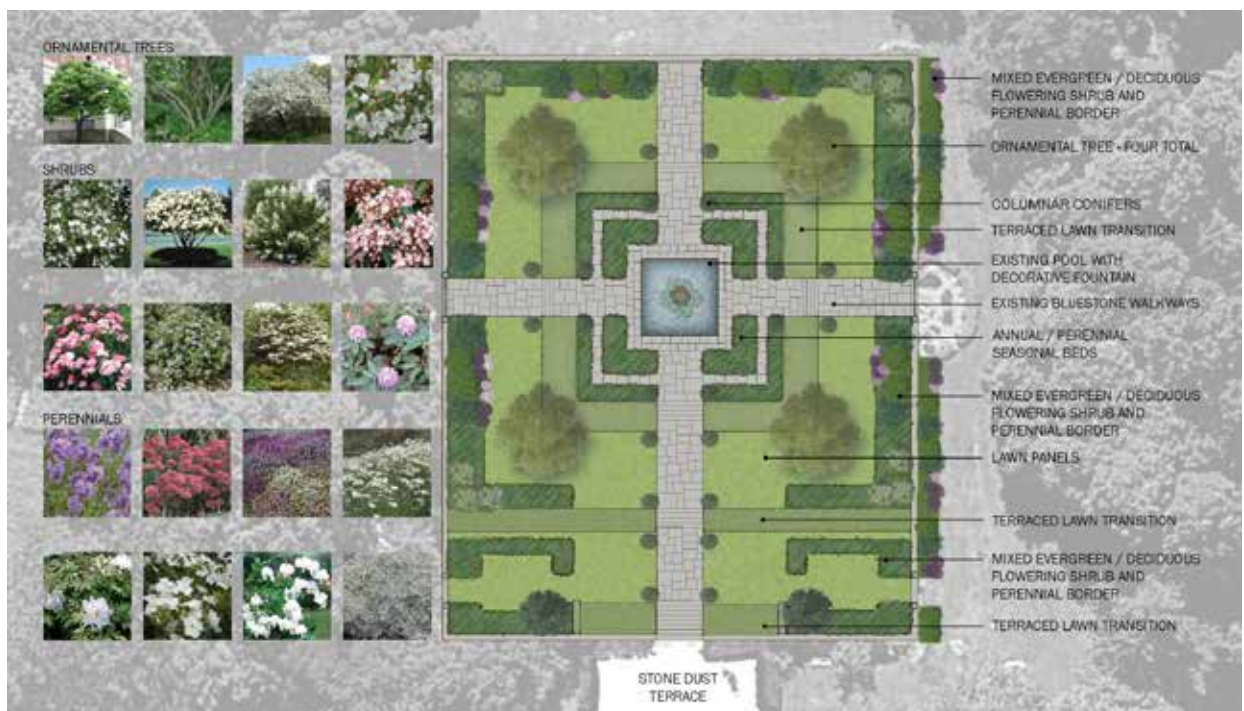


IMAGES CLOCKWISE: Image 1 Garden with boulders and paths, Image 2 Path through plantings, Image 3 View toward school with outdoor classroom in background.



BARTOW - PELL MANSION FORMAL GARDEN IN PELHAM BAY PARK
Bronx NY

Established as a New York City Landmark as well as a National Historic Landmark, Bartow - Pell Mansion is the last remaining of a group of estates overlooking the Long Island Sound at Pelham Bay. MKM Landscape Architecture PC worked with the BPMM Executive Director and the Bartow-Pell Conservancy Garden Rehabilitation Steering Committee to rehabilitate the formal sunken garden in a manner that honors the history of the garden and also can be easily maintained by the museum staff. MKM guided our proposed rehabilitation plan through a review process at the NY City Department of Parks and Recreation.



**BILKENT LABORATORY AND
INTERNATIONAL SCHOOL (BLIS)**
Ankara, Turkey

Nestled in the rolling hills of the Anatolian plateau, just 10 miles west of Ankara, BLIS is part of the 1,200 acre campus of the first private modern university in Turkey established in 1984. MKM collaborated with a team of American architects to design a new elementary school for BILKENT's growing population. MKM design included playgrounds, athletic fields, courtyards and landscaped areas. MKM designers sought to creatively resolve topographic challenges in order to maximize usable outdoor space and play opportunities.

PROJECT SERVICES

- Site Analysis
- Conceptual & Schematic Design
- Design Development
- Construction Documentation

YEAR 2016
CLIENT Bilkent Laboratory and
International School



Image 1 - Lower School Playground, Image 2 -Aerial view of completed playground



Image 1 - Slope with scramble and slide, Image 2 Plan of playground

LEGEND

- | | |
|-------------------------|---------------------------|
| 1. Main Entrance | 5. Grade 1-2 Outdoor Room |
| 2. Grade 3-4 Playground | 6. Parking |
| 3. Synthetic Turf Field | 7. Climbing Wall |
| 4. Grade 1-2 Playground | 8. Dining Hall Courtyard |
| | 9. Natural Turf Field |





**FISHERS ISLAND RECREATIONAL
PATH & ROAD RECONSTRUCTION**

Fishers Island NY

MKM Landscape Architecture provided extensive design consultant services for a four mile multi-use recreational path on the East End of Fishers Island. As prime consultant, MKM teamed with CME Engineering to provide a practical and economical recreational path that maximized the safety of cyclists and runners on the East End of Fishers Island; to protect and enhance the natural and rural character of Fishers Island; & to design a recreational path that met all regulatory laws of the New York State DEC Tidal and Freshwater Wetland Acts.

PROJECT SERVICES

- Site Inventory & Analysis
- Environmental Assessment
- Conceptual & Schematic Design
- Agency Approvals
- Construction Documentation
- Construction

YEAR 2010
CLIENT Fishers Island Recreation Path Foundation
BUDGET \$2,500,000



IMAGES: Image 1 Constructed wetlands with mixed-use bridge,
Image 2 Paved recreational path

SKYVIEW-ON-THE-HUDSON CONDOMINIUM

Riverdale, NY

In late 2014 MKM Landscape Architecture P.C. was retained by Skyview Owners Corporation, a historic condominium development in Northern Riverdale area of the Bronx, to address the need for overall re-envisioning and campus change due to a shift in demographics and a transformation in residents from primarily rental units to primarily condominium units. MKM approached the challenge with a keen appreciation of and the desire to enhance the site’s natural beauty - rugged views of the Palisades across the Hudson, complex topography and mature trees scattered throughout the site. Successful collaboration between MKM designers, site architect and site engineers on the playground redesign project led to MKM’s engagement on a master-plan proposal for a comprehensive circulation, open space, pavement, planting, and site furniture plan.

PROJECT SERVICES

- Site Analysis
- Conceptual & Schematic Design
- Agency Approvals
- Construction Documentation
- Contractor Bidding

YEAR 2015

CLIENT Skyview Owners Corp.



Image 1 - Aerial view of the site towards the Palisades

Image 2 - Walking trail schematic proposal



The proposed playground redesign (Image 1) takes precedence from adventure playgrounds and incorporates challenging timber play equipment, including a large platform and slide structure with balancing poles and timber log scramble, timber stepping block and bridge clusters, timber seesaws and swings. The woodland adventure theme is present in site furniture, such as the custom rustic gateway arbor and a tree platform serving as a shaded seating area and protection for extensive root system of an existing oak tree (Image 2).



Image 1 - Playground schematic design

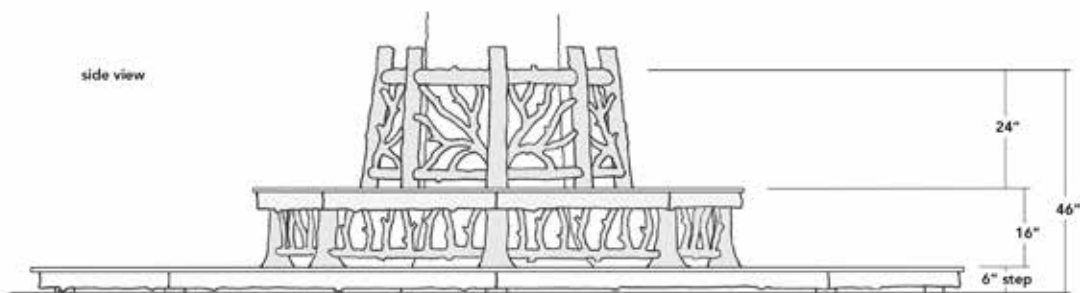


Image 2 - Custom tree platform with bench by Romancing the Woods.

SITE UPGRADES



IMAGES CLOCKWISE: Image 1 Border plantings near swimming pool deck provide screening and multi-seasonal interest, Image 2 Revitalized plantings and new paving and circulation near entrance, Image 3 Rustic seating surrounding mature tree in playground., Image 4 Revised entry planting and circulation, Image 5 Formal entry with pavers and new canopy at entrance, Image 6 Rustic entry gazebo to play area

PLAYGROUND



IMAGES CLOCKWISE: Image 1 New play structure, Image 2 Spray play area near new play structure, Image 3 Climbing structure and spiral slide



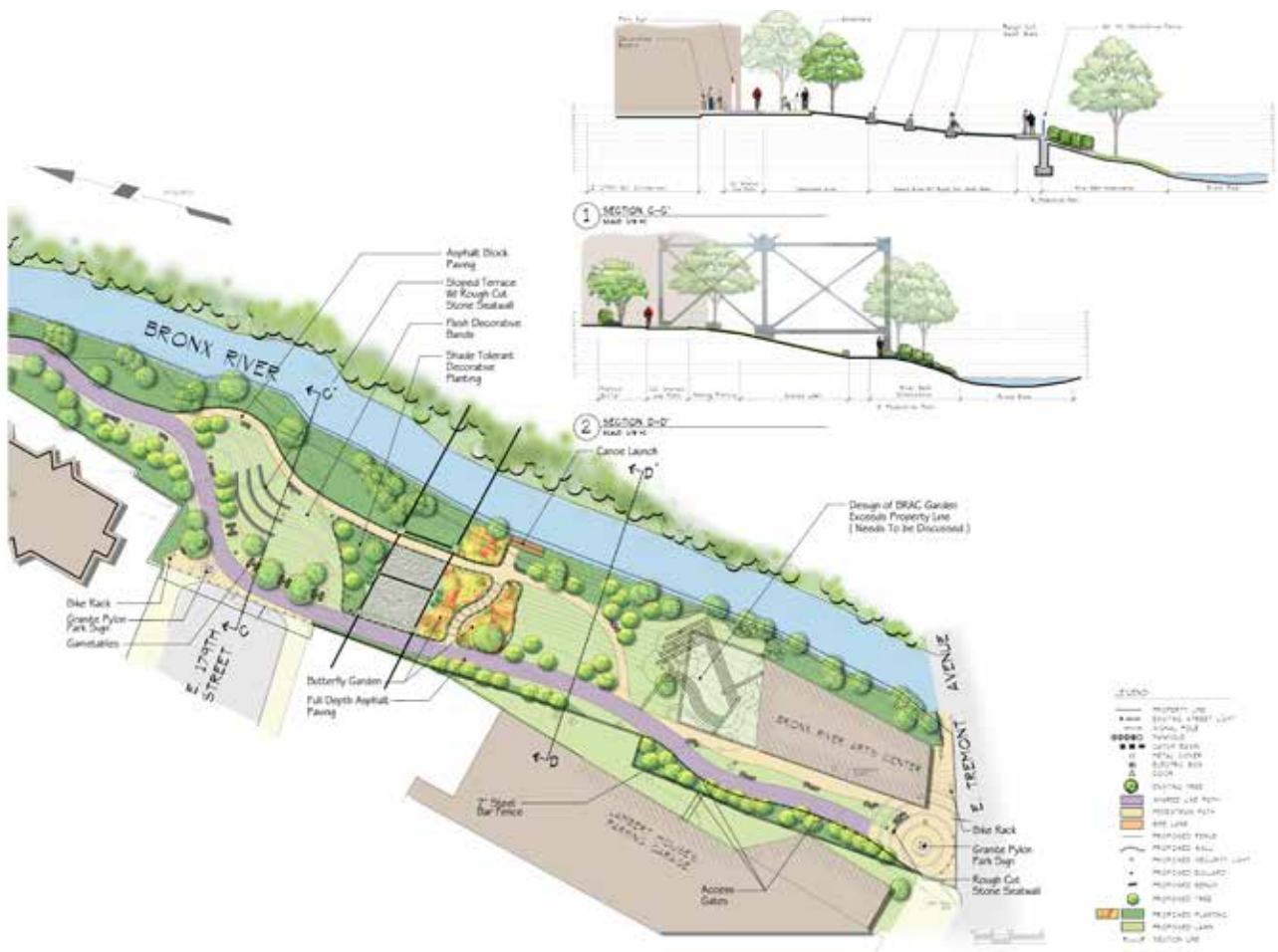
THE BRONX RIVER WEST FARMS PARK
Bronx NY

MKM Landscape Architecture was awarded the Bronx River West Farms Park project, a park on the edge of the Bronx River near the Cross Bronx Expressway. Area stakeholders that MKM interfaced with on the project were the Bronx River Arts Center and the Bronx River Alliance. The project involved creating connections between the water's edge and the neighborhood, building a walkway between 180th Street and East Tremont Avenue, with DOT approvals. The park includes a natural stone amphitheatre overlooking the Bronx River, and the shoreline of the Bronx River was stabilized with natural stone and native plant materials to prevent erosion. Park amenities include a canoe and kayak launch.

PROJECT SERVICES

- Procurement of topographical survey
- Site Inventory & Analysis
- Conceptual & Schematic Design
- Construction Documentation
- Construction Services

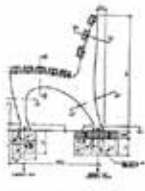
YEAR 2014
CLIENT NYC Parks



Landscaping Materials



Park Lighting
NYCDOT Standard - Lumec "Candela"
Model CAND01-TM
Finish: Dark Green



Park Bench
NYCDPR Standard Bench Type D
1964 Worlds Fair
Finish: Dark Green



Trash Receptacle
United Receptacle, Inc.
Model: MR36
Finish: Dark Green

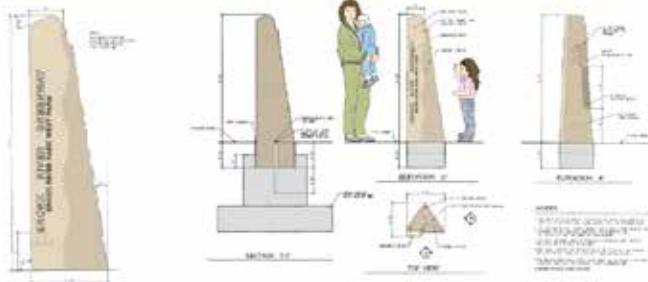


Bollard
Urban Accessories
Model: DC 5.36" M.
Finish: Dark Green



Bike Rack
Creative Pipe
Model: FIS 2.36"Wx32.5"H
Finish: Dark Green

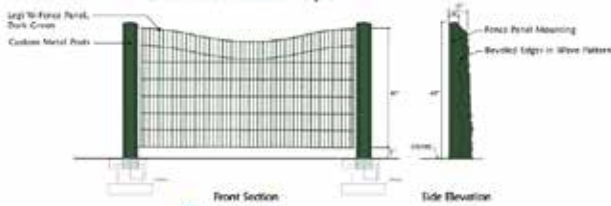
Site Furnishings



Pylon Elevation
NYCDPR Granite Identification Pylon

Pylon Details
NYCDPR Granite Identification Pylon

Granite Identification Pylon



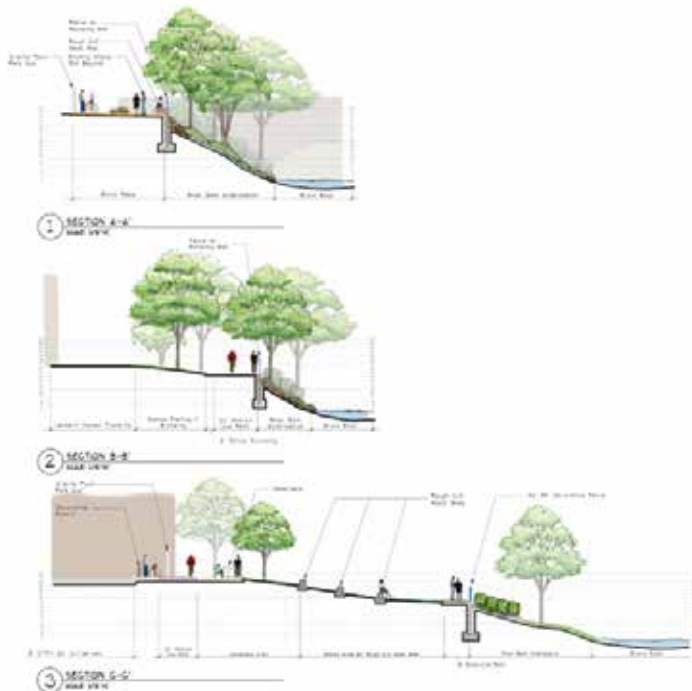
Decorative Fence



Regional Butterfly Species



Butterfly Garden Plant Materials



LEAD DESIGNER: MARK K. MORRISON

HIGHLAND PARK
THE RIDGEWOOD RESERVOIR SITE
Queens NY

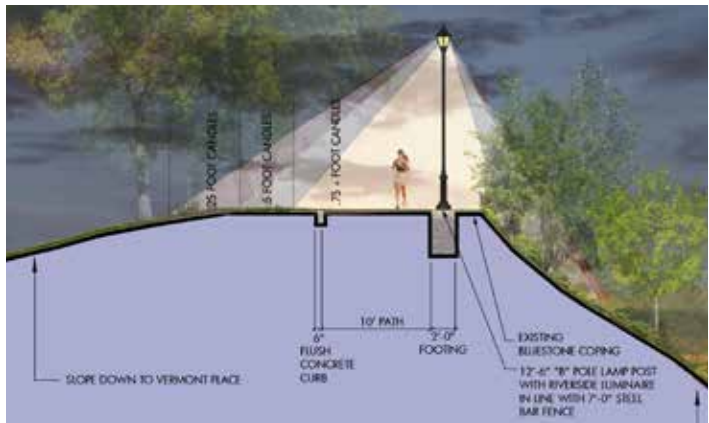
MKM Landscape Architecture was selected by NYC Parks to prepare a master plan and contract documents for the development of a new 50 acre park on the site of a historic former reservoir in the Ridgewood section of Queens, New York. The original reservoir, consisting of three large basins, was constructed in 1858 and associated infrastructure such as pump house buildings, historic fencing, gate valves and granite sluice structures still remain largely intact. Each basin contains a diverse group of ecological habitats that have developed since the reservoir was decommissioned in the 1980's.

The vision for Ridgewood Reservoir was to create a dynamic, sustainable park that would preserve, restore and enhance the site's rich historical features and unique ecology while providing recreational, social and educational opportunities for visitors. Designated a key undeveloped destination park in the Mayor's PlaNYC 2030 report, Ridgewood Reservoir was planned to be a regional open space that celebrated the site's important hydrologic history and provided enhanced amenities to nearby under served communities. MKM worked closely with the Natural Resources Group and with the Queens and Capital Division Forestry Departments to develop restoration strategies.

Based upon the analysis and goals set forth from the community, three separate conceptual schemes were developed that incorporated limited passive recreational open space to the ecological preservation; restoration of all three basins; amenities such as boat launches, woodland and wetland trails, adventure playgrounds, nature centers and historical interpretive centers. MKM produced contract drawings for Phase One of the project that included the restoration of the existing asphalt recreational paths, new steel bar fence, new perimeter path lighting, a new causeway trail, accessible entrances, interpretive signage and the creation of a series of overlooks on the path and between the basins.

Starting in 2013, MKM worked with NYC Parks to reclassify the reservoir basins and to preserve them as ecological habitat.

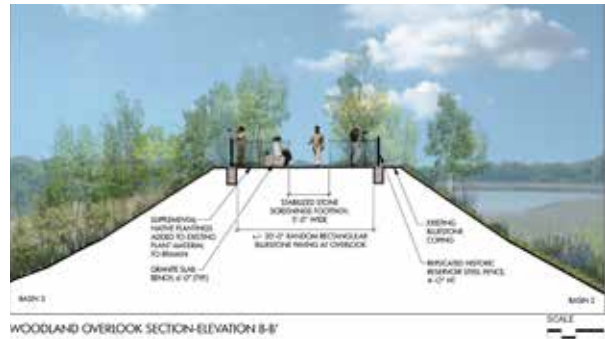
YEAR completed in 2015
CLIENT NYC Parks



IMAGES CLOCKWISE: Image 1 View of basin boat launch, Image 2 Perimeter path site lighting analysis, Image 3 Master plan of Ridgewood Reservoir



CAUSEWAY PATH BETWEEN BASINS 2 & 3 SECTION-ELEVATION C-C'



WOODLAND OVERLOOK SECTION-ELEVATION B-B'

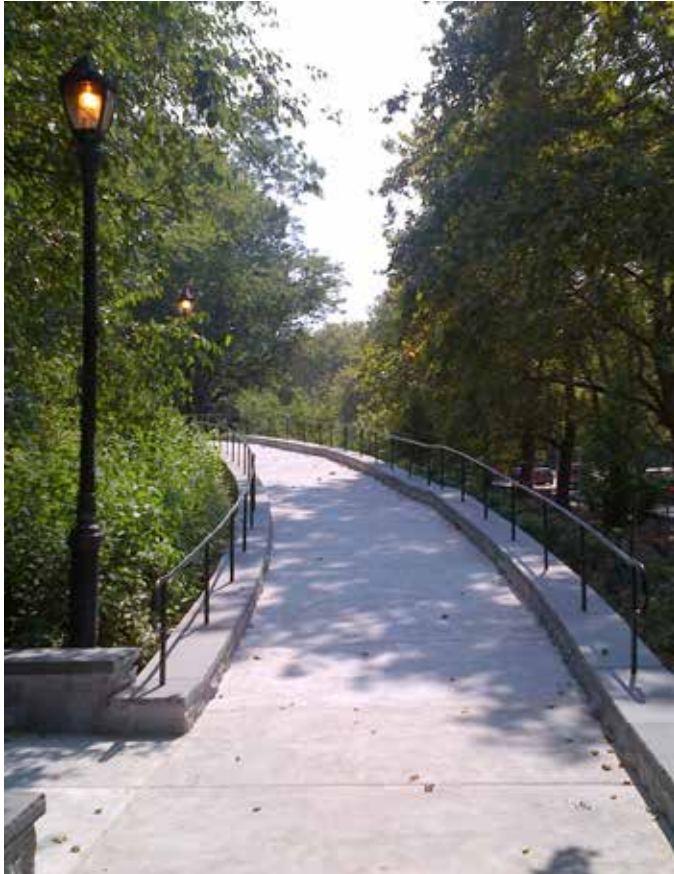


WETLAND OVERLOOK PLAN WITH OPTIONAL STEEL PERGOLA AND VIEWING PLATFORM

IMAGES CLOCKWISE: Image 1 Section through overlook spot at reservoir corner, Image 2 Wetland overlook platform, Image 3 Woodland overlook platform.

HIGHLAND PARK
THE RIDGEWOOD RESERVOIR SITE

IMAGES CLOCKWISE: Image 1 New ramp between Vermont Pl. and perimeter pathway, Image 2 Overlook along pathway, Image 3 View of reservoir from overlook, Image 4, Pathway with fencing and meadow planting, Image 5 Re-constructed stairway entrance between Vermont Pl. and pathway



TWIN LAKES ROAD LODGE

PATHS + WALKWAYS + TRAILS



COUNCIL RINGS + RUSTIC SEATING



SCALE 1" = 30' NORTH

LANDSCAPES

EASTERN HARDWOOD FOREST



WOODLAND + MIDSTORY



MEADOW + EDIBLES



ACTIVITY-SCAPES



ROADS



WAYFINDING



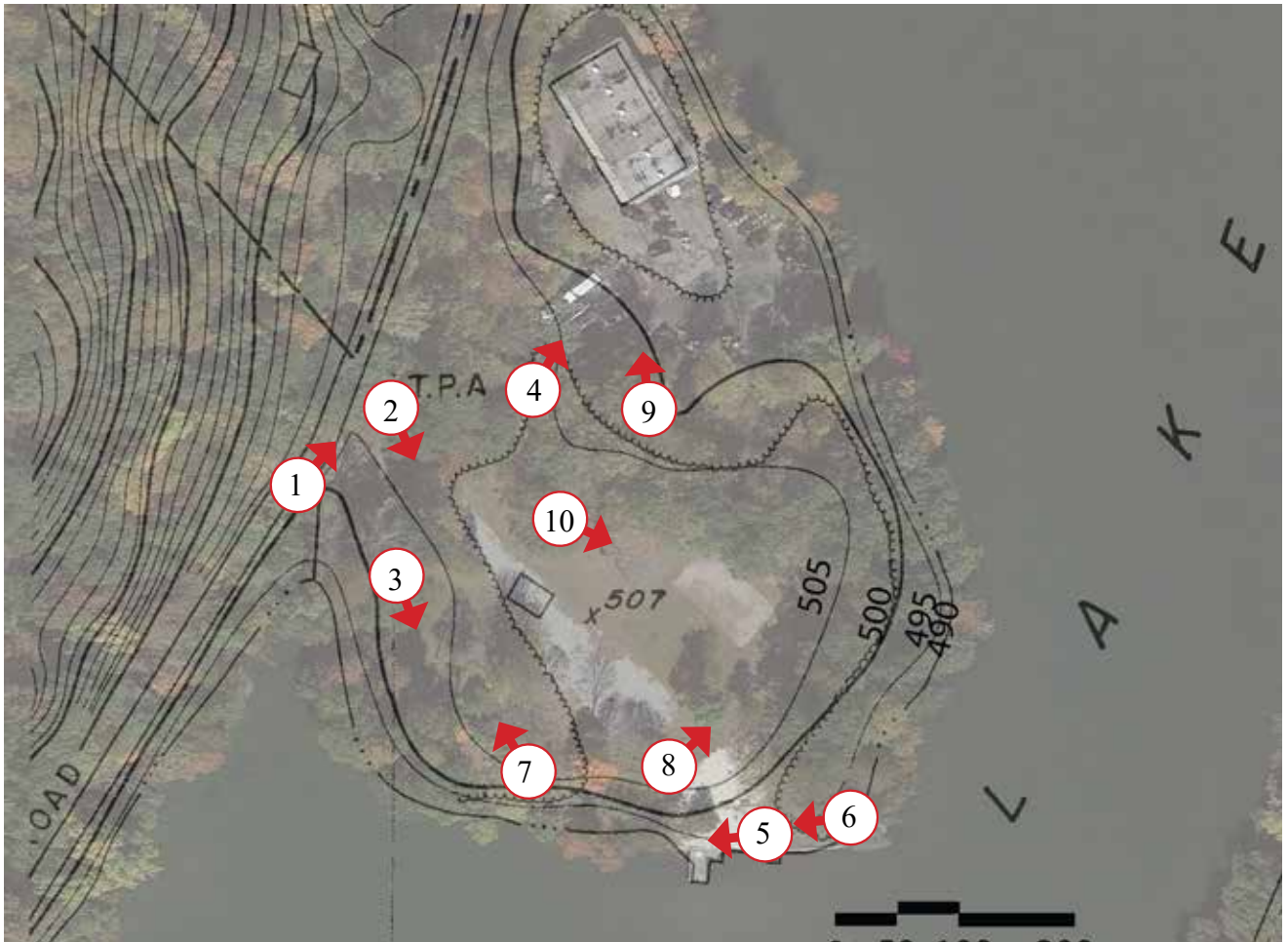
MKM MARK K. MERRIGAN

Tussock Lake and Turtle Mountain





EXISTING CONDITIONS



View of current parking area from road.



View from parking lot toward lake



View along picnic area at lake edge.



Existing comfort station.

5



View along edge of beach area.

6



View along beach area toward existing pier.

7



View across picnic area toward road.

8



Existing play area.

9



View toward current DPW building.

10



Center of peninsula, basketball area.

PARKING

Enlarge parking area, and close vehicular which currently provides access to center of site, dominating the peninsula. Parking access can be one way.

BATHROOMS

Either reconstruct and repair current comfort station, or locate new facilities in the same spot. Locate storage building behind bathrooms.

YOGA

Either locate a year-round yoga studio near the parking area, or locate a yoga studio on the crest of the hill near the beach. Yoga studio can function as a pavilion with the ability to open a wall of windows / shutters seasonally toward the lake.

BOATHOUSE

Boat house should be located near beach so that canoers and kayakers can arrive and store their boats.

CABINS

Cabins clustered together as shown. Alternatively one cabin could be located closer to the road. Program for cabin use will inform siting of cabins.

BEACH

Current beach should be terraced to create flatter seating areas. Concrete edge sea wall shall be clad with wooden decking to provide seating along lake edge, with areas of steps to enter water. Existing concrete pier shall be clad with wooden decking, some decking cantilevered over lake. (Alternatively existing concrete pier can be removed and a wide water / access pier can be located in the same spot, which makes permitting easier.) Stairs should be constructed from great lawn and play area to pier, as well as a ramp to facilitate ADA access to the water.

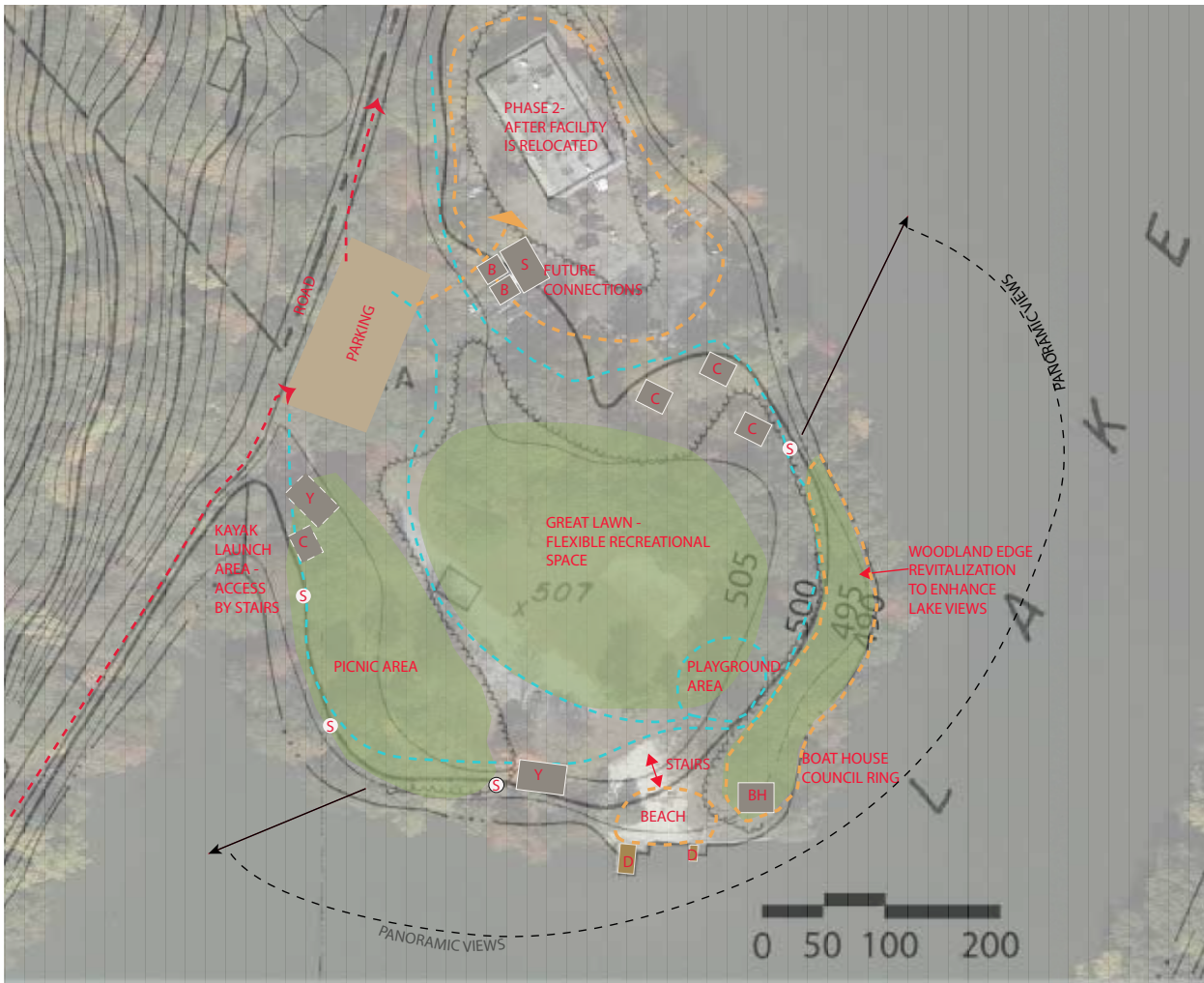
KAYAK LAUNCH

Potential kayak / canoe launch area accessed by steps leading down from parking lot / road area.










PICNIC AREA

Current picnic area retained, but locations for tables can be reconfigured. It will be necessary to determine whether / how often the site is used for picnicing.

CONCEPT DIAGRAM



LEGEND

-  BOAT DOCK
16' X 16'
-  BOAT HOUSE
25' X 30'
-  YOGA STUDIO
25' X 40'
-  STORAGE BUILDING
25' X 40'
-  CAMP BUILDINGS
20' X 25'
-  BATHROOMS
7.5' X 20'
-  SITTING NODE
-  PARKING
-  ATHLETIC





FEE PROPOSAL, SCHEDULE, SCOPE

FEE PROPOSAL AND SCHEDULE

Milestone 1: Site Research and Site Analysis	January 1 - March 31, 2022	
MKM		10,000
Bay Engineering - Analysis		5,000
Milestone 2: Concept	April 1 - May 30, 2022	
MKM		18,000
Presentation to Board of Trustees		Hourly
Presentation to Planning Board		Hourly
Milestone 3: Schematic Design	June 1 - July 31, 2022	8,000
Presentation to Board of Trustees		Hourly
Presentation to Planning Board		Hourly
Milestone 4: Design Drawings	August 1 - September 30, 2022	27,500
MKM		
Bay Engineering - Permitting SEQR		3,000
Construction services to be performed hourly.		
TOTAL		71,500
ALLOWANCES		
Soil sampling, 3 grabs, composite samples	Collection	13,800
	Laboratory Fees	1,800
MEP Engineering		12,000
Drinking fountain / bottle filler		
Hose bib		
Site Lighting		
	TOTAL ALLOWANCES	27,600
MKM Hourly Rates		
Principal in charge: \$235.00 / hour		
Directors: \$185.00 / hour		
Landscape Designers \$135.00 / hour		
BEC Hourly Rates		
Principal Scientist: \$175.36		
Senior Environmental Scientist: \$120.56		
Field Technician: \$68.50		
NOTE: Topographical survey to be provided at no cost.		

PROJECT SCOPE

MKM-BEC - MILESTONE 1, SITE RESEARCH AND SITE ANALYSIS

- Photographic assessment of site conditions
- Topographical analysis for ADA compliance and drainage issues
- Programmatic needs of community: buildings, circulation, parking, lighting, boat landings etc.
- Climate, solar analysis, hydrology
- ADA compliance opportunities and constraints
- Environmental characterization of the site
- Evaluation of significant habitat and native plant species
- Assessment of existing trees
- Soil assessment with regard to sedimentation, as needed

MKM- MILESTONE 2, CONCEPT DIAGRAMMING

- Master plan showing building placement and path placement
- Recommendations for trail materials and treatment
- Signage locations
- Designation of areas to be planted
- Designation of areas in which trees may need to be removed
- Presentation to the Village Authorities as required
- Formatted documents for fund-raising

MKM- MILESTONE 3 - SCHEMATIC DESIGN

- Rendered and dimensioned Schematic Design
- Precedent images
- Renderings to scale, with sections, views, and elevations as needed to convey design intent
- Presentation to the Village Authorities as required
- Preliminary estimate of probable cost

MKM- MILESTONE 4 - DESIGN DRAWINGS

- Existing conditions
- Construction Documents: Layout Plan, Materials Plan, Grading / Drainage Plan, Erosion and Sediment Control Plan, Details
- Specifications to be handled in notes, details, and cut sheets
- Cost Estimate
- SEQR evaluation and submittal for permitting

NOTE: CONSTRUCTION SERVICES TO BE PERFORMED HOURLY

COLLADO ENGINEERING - ALLOWANCES FOR MEP ENGINEERING

- Plumbing drawings, if drinking fountain is desired
- Electrical drawings, if site lighting is desired

BAY ENVIRONMENTAL CONSULTING LLC - ECOLOGICAL FIELD INVESTIGATIONS

- Environmental assessment - soils and hydrology
- Vegetation assessment - native species and trees
- Environmental Permitting - SEQRA
- Allowance for soil testing if required

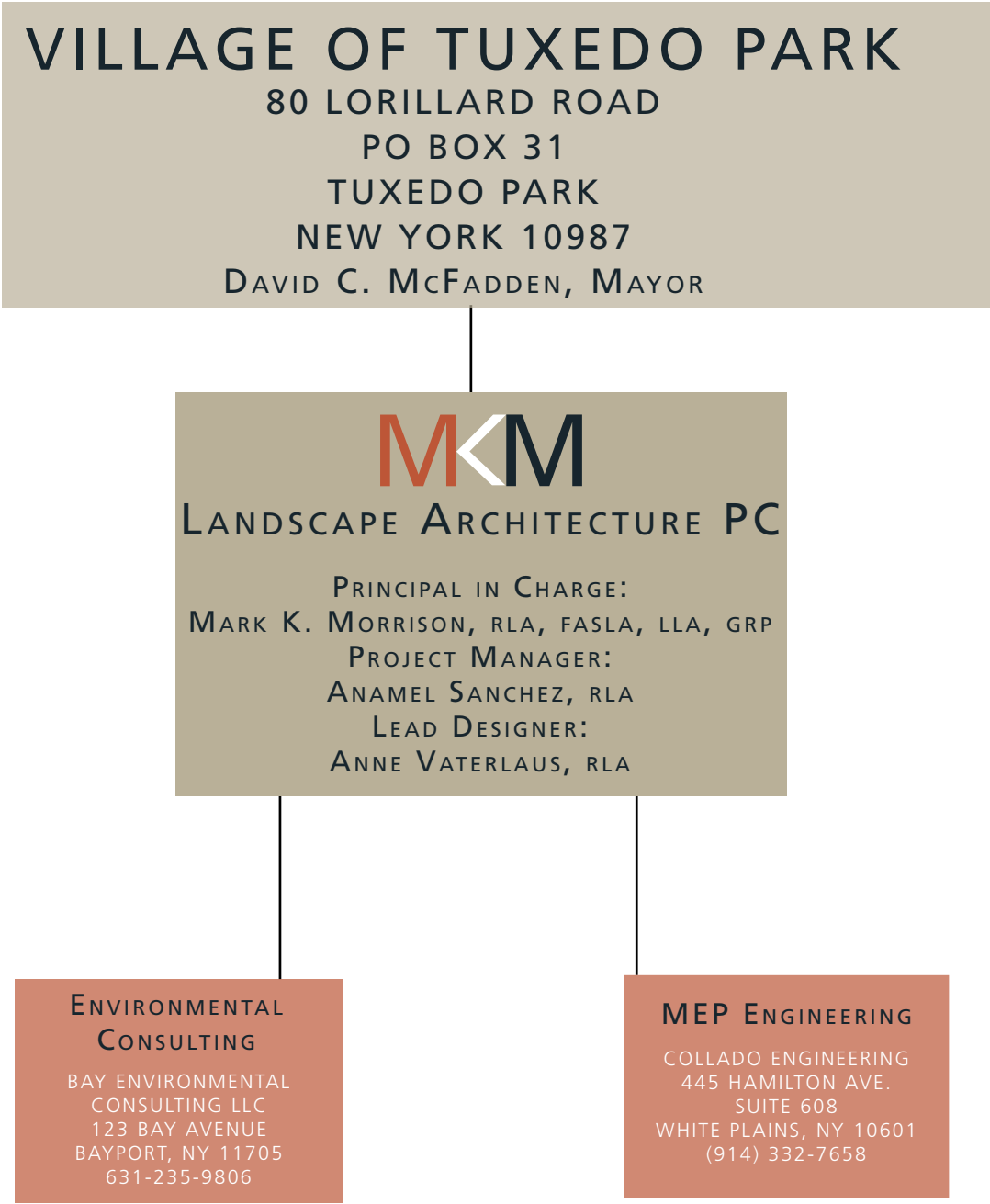
NOTE: Topographical survey to be provided at no cost.





STAFF, TEAM & LEADERSHIP

ORGANIZATIONAL CHART
FOR
WEE WAH LAKE RECREATION AND BEACH



■ M/WBE
■ NON-M/WBE

MARK K. MORRISON LANDSCAPE ARCHITECTURE PC**MARK K MORRISON, RLA, FASLA, LLA, GRP: PRESIDENT AND CEO**

Mark K. Morrison brings over forty seven years of professional design experience to Mark K. Morrison Landscape Architecture PC (MKM). Mark earned a degree in landscape architecture from the University of Wisconsin - Madison with an emphasis in horticulture and regional planning, and founded his firm in 1983. MKM's work can be seen in numerous urban and regional landscapes throughout New York City's five boroughs, as well as throughout the Northeast. Mark's landscape architectural expertise has been repeatedly called upon by the New York City Parks & Recreation, New York State and City DOT, the NYC Housing Authority, NYC School Construction Authority, NYS Dormitory Authority as well as the Battery Park City Authority. MKM team members have pioneered a series of Low Impact Development strategies which have since been adopted by the City of New York. Mark is one of a handful of Green Roof Professionals in North America. Mark has a well-earned reputation for living architecture and innovative green roofs, and has worked with developers and architecture firms to implement living architecture on innovative, new LEED certified buildings as well as existing buildings worldwide.

ANNE E. VATERLAUS, RLA, ASLA, DIRECTOR OF DESIGN

Anne has a Bachelor of Science in Landscape Architecture from City College of NY in Landscape Architecture, and an a Master of Landscape Architecture from Harvard University. Anne is a registered landscape architect in New York, Massachusetts and Rhode Island. She was granted a Penny White Fellowship research grant by Harvard to study the watershed of Little Traverse Bay in Michigan. She has taught at Columbia University, City College of New York, and Roger Williams University, and has served as a critic at a number of colleges and universities, including Harvard GSD, Columbia University, Washington University in St. Louis, MO., Wentworth Institute of Technology, SUNY Syracuse, and City College of New York. Anne has been published in a variety of journals and has participated in a number of research and design competitions, winning first place with a colleague in the 2012 Authenticity Competition for a redesign of an urban area in West Palm Beach. Anne's design agenda has always been public and urban-based. Her design emphasizes urban design models that facilitate community self-improvement. She has worked with MKM on a series of rail trail projects in NY City and NY State.

ANAMEL SANCHEZ, RLA, MLA, ASLA, DIRECTOR OF PROJECT MANAGEMENT

Anamel earned a degree in Architecture from the Universidad Católica Nordestana in the Dominican Republic, and a Masters of Landscape Architecture from The City College of New York. After arriving in New York City in 2010 and before going on to earn her landscape architecture degree, Anamel worked in the engineering industry doing construction administration and project management. She joined the MKM team in 2015. Anamel has project experience from conceptual design through construction management, project management, project administration, in both architectural design and landscape architecture. Project types range from small residential renovations to large mix-use buildings, public and private institutional projects as well as large commercial development. Anamel manages a bulk of the projects at the firm. She is in charge of scheduling, and submittals, for many institutional and municipal projects and is deft at managing the complex interface between our design process and the legal and cultural structures of city and state clients. For Anamel's ongoing work with SCA design and for her work with the SCA playgrounds, a primary goal is to provide vibrant parks and playgrounds for under-served communities.



COLLADO ENGINEERING

Founded in 1999, COLLADO ENGINEERING, specializes in the design of mechanical and electrical systems for the built environment. Specifically, the firm advises clients on architectural engineering issues relating to:

- Heating, Ventilating, and Air Conditioning
- Plumbing and Sanitary
- Fire Protection and Fire Alarm
- Electrical and other Low Voltage Systems
- Energy/ Environmental Compliance
- Lighting Design
- Information Technologies
- Infrastructure

Collado's team of professionals take a hands-on, inventive approach to developing practical, cost effective solutions that are supportive of the client's objectives. We look to establish a complete understanding of our client's concerns and requirements; only then are we in a position to bring real value to the client.

Over the past two decades, we have completed thousands of projects in the public and private arena across all market sectors:

- Commercial/Office
- Cultural/Recreational
- Educational
- Food Service
- Government/Agency
- Healthcare/Laboratories
- Historic/Landmark
- Hospitality
- Mission Critical
- Places of Worship
- Residential
- Retail
- Special Projects
- Utilities/Infrastructure/Central Plant
- Warehouse/Manufacturing

The firm's philosophy is grounded on the belief that a thorough set of design documents and active design team participation, through the construction phase, is key to realizing project goals and controlling costs. By partnering with clients and other team members from the outset, we help identify the best possible solutions for the project, clarify the implications of each option, and help establish clear and achievable expectations. Collado Engineering's practice is built on recommendations, referrals and repeat business, 80% of the firm's commissions are from existing clients. By establishing long-term relationships, we are able to take ownership of client interests and provide advice that is not only focused on immediate needs but is mindful of the client's broader objectives and requirements.



BAY ENVIRONMENTAL CONSULTING LLC

Bay Environmental Consulting LLC (BEC), a certified Woman-Owned Business Enterprise (WBE), is a multi-disciplinary environmental consulting firm located on Long Island, New York. BEC's team has a broad range of expertise in environmental science, planning, regulatory compliance, and permitting. The company has extensive experience with natural resource management and resiliency, wildlife management, wetland delineations, endangered species protection, ecological assessments, environmental sampling and reporting, environmental impact assessments, as well as environmental permitting and compliance. BEC has worked on numerous projects for the New York State Office of Parks, Recreation and Historic Preservation, including: optimization from an environmental standpoint for the siting of cabins, a road and trails through a wooded park; freshwater and tidal wetland delineations; bathymetric studies for waterfront revitalization efforts; and other ecological assessments. BEC assisted with siting for an unpaved trail through a wooded section of Hempstead Lake State Park as part of a larger park restoration project. This aspect of the project involved balancing the needs of a range of park users and interests, including hikers, horseback riders, and birders, while minimizing environmental impacts. Other parts of this project included wetland delineation, wetland compensatory mitigation planning, debris survey, water quality monitoring, and sediment sampling.

Krista L Thyberg, President, received her Ph.D. from Stony Brook University in Technology, Policy and Innovation with a concentration in Sustainability and Environmental Management. She received her MS in Technological Systems Management with a concentration in Energy and Environmental Systems from Stony Brook University and her BS in Biology and Chemistry from The College of New Jersey. She has over ten years of environmental consulting experience.

Andrew D. Thyberg, Principal, received his MA in Marine Conservation and Policy from Stony Brook University and his BS in Environmental Science and Geology from SUNY Albany. Prior to joining the firm, Andrew was most recently a Senior Consultant at Booz Allen Hamilton where he provided environmental and project management consulting. He has an extensive background in the field of environmental science and management working for various clients including: U.S. Department of Homeland Security, U.S. Army Corps. Of Engineers, U.S. Fish and Wildlife Services, as well as numerous state and local government agencies. Andrew has also previously worked as an environmental scientist for Entrix in the Gulf of Mexico following the 2010 Deepwater Horizon oil spill.

Tuxedo Lake looking South Tuxedo Park, N. Y





RESUMES



MARK K. MORRISON
LANDSCAPE ARCHITECTURE

PRINCIPAL IN CHARGE

MARK K. MORRISON, RLA, LLA, FASLA, GRP

PRESIDENT & CEO

Mark K. Morrison brings over forty seven years of professional design experience to Mark K. Morrison Landscape Architecture PC (MKM). Mark earned a degree in landscape architecture from the University of Wisconsin - Madison with an emphasis in horticulture and regional planning, and founded his firm in 1983. MKM's work can be seen in numerous urban and regional landscapes throughout New York City's five boroughs, as well as throughout the Northeast. Mark's landscape architectural expertise has been repeatedly called upon by the New York City Parks & Recreation, New York State and City DOT, the NYC Housing Authority, NYC School Construction Authority, NYS Dormitory Authority as well as the Battery Park City Authority. MKM's global work includes projects in Turkey, China, Africa, the Arabian Peninsula, Russia and the Caribbean.

Morrison stands out as a leader in sustainable sites, having transformed hundreds of open spaces throughout the five boroughs of New York from asphalt to green; MKM team members have pioneered a series of Low Impact Development strategies which have since been adopted by the City of New York. Mark is one of a handful of Green Roof Professionals in North America. Mark has a well-earned reputation for living architecture and innovative green roofs, and has worked with developers and architecture firms to implement living architecture on innovative, new LEED certified buildings as well as existing buildings.

Green Roofs for Healthy Cities recognized MKM's Visionaire Green Roof with an Award of Excellence in 2013; The New York Chapter of the American Society of Landscape Architects recognized MKM's Master Plan for Southpoint Park on Roosevelt Island with an Honor Award in 2005 and his firm's collective work on the Trust for Public Land's New York City Playground Program with a Merit Award in 2008. Mark received national recognition for his overall excellence in Executed Works in 1997 and was elected as a Fellow by the American Society of Landscape Architects. Morrison is a frequent speaker at numerous venues on "Sustainable Landscape Architectural Design" and "The History and Evolution of Vintage Gardening Tools". Mark has one of the finest antique gardening tool collections in the world, with tools from all parts of the globe.

Education The University of Wisconsin - Madison
College of Agricultural and Life Sciences B.S.L.A 1973
Carroll College Waukesha, Wisconsin 1968 -1970

Registrations & Certifications State of New York Registered Landscape Architect, License No. 000733
State of Connecticut Registered Landscape Architect, License No. 521
State of Pennsylvania Registered Landscape Architect, License No. LA000823-R
State of Massachusetts Registered Landscape Architect, License No. 1351
Green Roof Professional Certified 2009

Affiliations American Society of Landscape Architects
Invested as Fellow 1997 for executed work
New York Chapter of the American Society of Landscape Architects
President 1981-1983 and 1993 -1994
American Society of Landscape Architects Member 1978 -2014
Royal Horticultural Society Member
Green Roofs for Healthy Cities: Corporate Member
Member - Rooftop Food Production Committee



Municipal & Urban Design Bridgeport Housing Authority – Harborview Towers, Bridgeport, CT
Million Trees, New York Restoration Project, New York, NY
Highland Park, The Ridgewood Reservoir Site – Phase 1
Town of Amenia, Landfill Restoration
Ramapo Land Company
Rocket Park, New York Hall of Science
Jessup's Landing III, Long Island, NY
Lowenstein Sandler Corporate Headquarters, Roseland, New Jersey
PS 100 Story Playground, Bronx, NY
United Nations, New York, NY - Security Fencing and Perimeter Design
SUNY Binghamton Library and Science Plazas, Albany, NY
Schaefer Landing, Brooklyn, NY
DongChang Harbor Office Development, Shanghai, China
Bronxdale Community Center, Bronx, NY
Morrisania Air Rights Houses, 2000
The Duke Ellington Memorial at Frawley Circle, New York, NY
Residential Master Plan, Battery Park City, NY

Living Architecture One Penn Plaza, New York, NY
330 West 34th Street, New York, NY
1 Columbus Place, New York, NY
One Lincoln Plaza green roof, New York, NY
Columbia University School of Nursing Green Roof
300 Lafayette Street, NY, NY - Green Roof, Terraces, and street level design
510 West 22nd Street, NY, NY: Green Roof, terraces, street level design
Visionaire Green Roof , Battery Park City, NY
Brooklyn Library Eco Center
315 Hudson Street, Green Roof Design
255 Greenwich Street, Green Roof Design
PS 6 -- The Eric Dutt Eco Center, NY, NY
Schaefer Landing, Brooklyn, NY
Clermont Green, Brooklyn, NY
104 - 106 South Street, NY, NY
PS 62 - Net Zero Energy Primary Achool
11 Diagonal Street, South Africa

Infrastructure & Intermodal Transport Harlem Valley Rail Trail, Bridge to Nature, NY
Harlem Valley Rail Trail, Millerton Trailhead, NY
Harlem Valley Rail Trail, Copake Falls to Hillsdale, NY
Harlem Valley Rail Trail, Preusser Road to Chatham, NY
Grand Central Parkway, 82nd to 111th Street, at LaGuardia Airport
Nassau Expressway, NYS DOT
Fishers Island Bikeway, Fishers Island, NY
Wassaic Extension to the Harlem Valley Rail Trail, Wassaic, NY
Putnam Rail Trail, New York, NY
Brooklyn/Queens Expressway (Broadway to 25th Avenue)
Riverside Park Entrance and Path from 111th to 199th, NYCDPR
Grand Avenue Park, Bronx, NY



MARK K. MORRISON
LANDSCAPE ARCHITECTURE

Education Studio Bilkent University Erzurum Campus Plan
Bilkent University Ankara BLIS Campus Plan
Bilkent University Marmara Dining Hall Plaza Design
TPL Community Playgrounds
NYCDPR Schoolyards to Playgrounds, Borough of Queens
PS 6 Eric Dutt Eco Center
SCA Schoolyards
Philadelphia Green Infrastructure Initiative
Tulane University Campus Plan and Athletic Complex
Wesleyan College Row
SUNY Binghamton Library and Science Plazas, Albany, NY
SUNY New Palz, Central Plaza, New Palz, NY
SUNY Old Westbury, Campus Master Plan
SUNY Farmingdale, Campus Master Plan, Farmingdale, NY

Athletic & Recreational Design Nat Turner Park, Newark, NJ
Marconi Memorial Field, New York, NY
Dewitt Clinton Ballfields, NYC DPR
Williamsbridge Oval, Bronx, NY
Shore Road Park, Brooklyn, NY, 2007
Three Queens Fields, Queens, NY

Historic Restoration Bartow Pell Mansion Museum Formal Garden Rehabilitation
Bartow Pell Mansion Museum Vintage Apple Orchard
Tabor Wing House Master Plan, Dover Plains, NY
Untermeyer Park and Gardens Temple of The Sky - Pool Restoration, Yonkers, NY

Selected Publications & Lectures "Urban Agriculture," with Annie Novak, at Urban Agriculture Summit,
August 15 - 18, 2012, Toronto, Canada

"Sky Garden at the Visionaire," Green Roofs for Healthy Cities,
Co-Author with Anne Vaterlaus, June 2011

"Introduction to Rooftop Urban Agriculture"
Co-Author of Participants Manual
Green Roofs for Healthy Cities; December 2010

"Changing Spaces Changing Lives: Engaging Students in Community-Based Design"
Presented to the New York State PTA; November 14, 2010

"Moving Beyond Sedum: Challenging Ourselves to Create Better Roofscapes"
Greening Rooftops for Sustainable Communities Conference. June 2009

The New York Chapter of the American Society of Landscape Architects
President's Award Dinner, Honoring Christo & Jean Claude, November 3, 2005
"A Landscape Architect's View of The Gates"

Town of Amenia, NY, December 2002
"Wassaic - A Look to Future Open Space Alternatives"



PROJECT MANAGER

ANAMEL SANCHEZ, RLA, MLA, ASLA

SENIOR LANDSCAPE ARCHITECT

Anamel earned a degree in Architecture from the *Universidad Católica Nordestana* in the Dominican Republic, and a Masters of Landscape Architecture from The City College of New York. After arriving in New York City in 2010 and before going on to earn her landscape architecture degree, Anamel worked in the engineering industry doing construction administration and project management. She joined the MKM team in 2015. Anamel has project experience from conceptual design through construction management, project management, project administration, in both architectural design and landscape architecture. Project types range from small residential renovations to large mix-use buildings, public and private institutional projects as well as large commercial development.

Education The Bernard and Anne Spitzer School of Architecture, The City College of New York, New York
Masters in Landscape Architecture - May 2013
Escuela de Arquitectura, Universidad Católica Nordestana (UCNE), SFM, Dominican Republic, Bachelor in Architecture - March 2009

Registration & Certifications State of New York Registered Landscape Architecture, Licence No. 002815-1

Memberships & Affiliations American Society of Landscape Architects, Associate Member
Colegio Dominicano de Ingenieros, Arquitectos y Agrimensores (CODIA), Dominican Republic.
Licenced Architect in Dominican Republic

Municipal Design MoMA Tower, Manhattan, NY - Project Management for Laquila Group.
Bronxville Lawrence Hospital, Bronxville, NY - Project Designer
BEAT YR 2- Department of Mental Health and Hygiene, Project Designer.
Sakura Park Staircase, Manhattan, NY, NYC DPR: Project Manager
Untermyer Park & Garden, Yonkers, NY: Landscape Architect

Residential Design Sutter Avenue Apartments, Brooklyn, NY - Zoning Analysis and Architectural Design for AKSEN Engineering
42-60 Crescent Street, Long Island City, NY - Project Designer for AKSEN Engineering.

Campus and Institutional Design PS 19 Playground redevelopment, Brooklyn, NY: Project Manager
PS 40, Manhattan, NY: Project Manager
IS 51R, Staten Island, NY: Project Manager
IS 174, Bronx, NY: Project Manager
PS 198, Brooklyn, NY: Project Manager
PS 11, Queens, NY: Project Manager

Commercial Design Empire Outlets, Staten Island, NY - Project Management for Laquila Group.
The MoMA Tower, Manhattan, NY - Assistant Project Manager for Laquila Group.
437 Madison Ave, 15th Floor Roof Terrace, Manhattan, NY

Transportation Infrastructure Planning Bronx River Greenway, Bronx, NY - Project Designer
Harlem Valley Rail Trail Bridge of Nature, Millerton, NY - Landscape Architect



ANNE E. VATERLAUS, RLA, ASLA

DIRECTOR OF DESIGN

Anne has project experience from conceptual design through construction administration, project management, client management, and stakeholder meetings. She has managed a wide range of project types with MKM, from residential to large urban development, both public and private / commercial projects and campus design. Regional diversity of built projects spans the northeastern US (NY, CT, MA) with a number of current campus design projects in Turkey. She has worked with MKM on a series of high profile green roof projects.

Anne is a registered landscape architect in New York, Massachusetts and Rhode Island. She was granted a Penny White Fellowship research grant by Harvard to study the watershed of Little Traverse Bay in Michigan. She has taught at Columbia University, City College of New York, and Roger Williams University, and has served as a critic at a number of colleges and universities, including Harvard GSD, Columbia University, Washington University in St. Louis, MO., Wentworth Institute of Technology, SUNY Syracuse, and City College of New York. Anne has been published in a variety of journals and has participated in a number of research and design competitions, winning first place with a colleague in the 2012 Authenticity Competition for a redesign of an urban area in West Palm Beach.

Education Harvard University Graduate School of Design
Master of Landscape Architecture 2008 with distinction
City College of New York, New York, NY
Bachelor of Science in Landscape Architecture 2006 summa cum laude
Sarah Lawrence College, Bronxville, NY
Master of Fine Arts 1985
Kansas City Art Institute, Kansas City, MO
Bachelor of Fine Arts 1974
Rhode Island School of Design 1971 - 1973

Registration State of New York Registered Landscape Architect, License No. 002337-1
State of Rhode Island Registered Landscape Architect, License No. 469
Commonwealth of Massachusetts Registered Landscape Architect, License No. 1638

Municipal Design McDonald Playgroud, Brooklyn, NY, Project Designer
Faber Park, Staten Island, NY, Project Designer
NYC Highland Park Reservoir Redevelopment Project, Project Designer
Northeast Community Center landscape design, Millerton, NY
Ground Work Somerville, MA, Project Designer for urban garden and water capturing storage shed
Dickinson Memorial Park, Newtown, CT.
PlaNYC Parks program and Million Trees NYC program implementation
New Yorkers for Parks projects
Trust for Public Land projects
NYC Highland Park Reservoir Redevelopment Project, Project Designer



- Campus and Institutional Design** DeWitt Clinton Park Baseball Fields, NYC Parks, Assistant Designer
Bilkent University, Ankara, Campus design for new dormitory
Northeast Community Center landscape design, Millerton, NY
Columbia University School of Nursing, design for green roof and terrace
Bilkent University, Ankara, Turkey, plaza design for new dining hall
Bilkent Laboratory and International School, Lower School Campus and playgrounds
Bilkent University, Erzurum, Turkey, campus design for new school
Van Cortlandt Park, Putnam Rail Trail, Project Designer
New Yorkers for Parks projects
Trust for Public Land projects
Atturaif: Living Museum," a large-scale archeological museum in Riyadh, Saudi Arabia, for Ayers Saint Gross
Gallaudet University, Washington, DC, re-envisioning campus identity for Ayers Saint Gross
Mount Saint Mary's University, MD, planning to accommodate new arts center for Ayers Saint Gross
Old Dominion University, VA, large-scale campus planning for Ayers Saint Gross
- Residential Design** Skyview on the Hudson, condominiums, Riverdale, NY
Master Plan for summer camp, Salisbury, CT
Residential master plan and design, Salisbury, CT
Residential design, Sharon, CT
- Commercial Design** 300 Lafayette Street, NY, NY, Project Designer, Green Roofs and terraces for mixed use building
510 West 22nd Street, NY, NY, Project Designer, Green Roofs and Terraces for mixed use building
Designed open space and public zones in Al Zorah, a new island city in Dubai, for Hashim Sarkis Architecture
- Transportation Infrastructure Planning** PM for development of Harlem Valley Rail Trail between Preusser Road and Chatham, NY
PM for development of Harlem Valley Rail Trail between Copake Falls and Hillsdale, NY
Van Cortlandt Park, Putnam Rail Trail, NYC Parks Department
- Historic Restoration** Bartow Pell Mansion Museum Formal Garden Rehabilitation



Krista L. Thyberg, Ph.D.

631-235-9806

Krista.Thyberg@bayenviro.com

Position:	2012-Present – President and Principal Scientist, Bay Environmental Consulting LLC
Education:	Ph.D., Technology, Policy and Innovation with Concentration in Sustainability & Environmental Management, Stony Brook University M.S., Technological Systems Management with Concentration in Energy and Environmental Systems, Stony Brook University B.S., Biology & Chemistry , The College of New Jersey
Project Experience:	Hempstead Lake State Park Pond and Wetland Restoration, GOSR. Hempstead, NY. 2015-2021. Led wetland delineation, wetland functions and values assessment, debris quantification study, vegetation inventories, wetland permitting, and other environmental/natural resources projects for pond and wetland restoration aimed at increasing resiliency. Westhampton Beach Local Waterfront Revitalization Program, Village of West Hampton Beach. West Hampton, NY. 2021. Performed wetland/habitat assessments and natural resource inventories. Nissequogue State Park Master Plan, NYS Office of Parks, Recreation and Historic Preservation (NYSOPRHP). Nissequogue, NY. 2020-2021. Led natural resource inventories, wetland mapping, and habitat assessment for park planning. Oyster Bay Shellfish Resources Study, Town of Oyster Bay. Oyster Bay, NY. 2018-2021. Conducted fisheries data analysis and technical report preparation for shellfish resource studies and bay management plans; performed grain size distribution analyses and benthic mapping. Coastal Resiliency Management- Endangered Species Management, U.S. Army Corps of Engineers. West Hampton and Fire Island, NY. 2013-2021. Conducted ecological monitoring and habitat assessment in Westhampton Beach, West Hampton Dunes, and Fire Island; managed threatened/endangered species monitoring program in coastal zones. Tidal and Freshwater Wetland Delineations at Nissequogue, Orient Beach, Sunken Meadow, and Camp Hero State Parks, NYSOPRHP. Long Island, NY. 2017-2021. Led wetland delineations, including field work and report preparation; conducted wetland functions and values assessments. Planning Services to Link Yonkers Greenway to Van Cortlandt Park, Groundwork Hudson. Bronx, NY. 2021. Conducted environmental and ecological assessments, tree inventories, and planning for northwest area of Van Cortlandt Park.

Town Islip Shellfish Resources Study, Town of Islip, NY. Islip, NY. 2020. Conducted data analysis and technical report preparation for shellfish resource management plan.

Bailey Arboretum Wetland Restoration and Dredging, Nassau County. Lattingtown, NY. 2016-2019. Conducted bathymetric study, sediment sampling, and mapping for pond, dam, and wetland restoration.

Tidal Wetland Delineation, Manhasset Lakeville Fire Department. Manhasset, NY. 2019. Conducted tidal wetland delineation for fire department renovation project.

East and West Boulevards Stormwater Drainage Improvements, GOSR. Bay Park, NY. 2018-2019. Performed community outreach for project focused on reducing flooding and increasing stormwater flow in flood prone community.

Caumsett State Park Shorebird Monitoring, Caumsett Foundation. Lloyd Harbor, NY. 2019. Performed shorebird monitoring, particularly for red knots, during coastal road construction project.

Fisheries Data Analysis for Sailors Haven Ecological Monitoring Project, Fire Island National Seashore. Fire Island, NY. 2017. Led data analysis and technical report writing for ecological fisheries data to evaluate the ecological impacts of dredging in marina.

Flushing Wetland Delineation for Resiliency, Private Resident. Flushing, NY. 2020. Completed wetland delineation for tidal wetland to support permitting and planning efforts for a sea wall to protect against coastal flooding.

Breezy Point Shorebird Monitoring, Lee Contracting. Queens, NY. 2018. Performed monitoring for piping plovers and other rare, threatened, and endangered species in Breezy Point, NY during beach restoration project.

**Relevant
Certifications:**

Certified Senior Ecologist, Ecological Society of America, 2021
Rutgers University Wetland Delineation Series Certificate, 2017
Piping Plover Stewardship Training, 2006



Andrew Thyberg, P.G.

631-793-2642

Andrew.Thyberg@bayenviro.com

Position: *2014-Present – Principal and Sr. Environmental Scientist, Bay Environmental Consulting LLC*

Education: **M.A., Marine Conservation and Policy**, Stony Brook University
B.S., Environmental Science and Geology, University at Albany

Project Experience: **Saw Mill Creek Wetland Mitigation Bank Monitoring, NYC Economic Dvt. Corp. Staten Island, NY. 2020-2021.** Performed wetland monitoring, including transect and quadrat monitoring, sessile organism study, avian study, vegetation inventories, and invasive species treatment inspections in tidal wetland mitigation bank.

Living with the Bay Mill River Greenway Engineering Support, GOSR. Nassau County, NY. 2019-2021. Led the field investigations for various phases of the project including wetland delineations, assessment of ADA compliance, condition assessments; led construction and environmental permitting for the project; coordinated permitting for multiple agencies and municipalities.

PSEG Wetland Delineations and Assessments, PSEG. Long Island, NY. 2021. Performed field investigations for utility work near wetlands throughout Long Island.

Village of West Hampton Beach Local Waterfront Revitalization Program, West Hampton, NY. 2021. Performed water quality issue assessment, natural resource inventories, and habitat assessments.

Alhambra Dock Restoration, GOSR, Massapequa, NY. 2021. Performed construction management and inspection for coastal dock construction.

Lake Ronkonkoma Sub-Watershed Management Plan, Suffolk County. Ronkonkoma, NY. 2021. Performed review and assessment of water quality data for the lake and developed recommendations for water quality improvements.

New York State Parks Bathymetric Studies and Sampling, NYS Office of State Parks, Recreation and Historic Preservation. Long Island, NY. 2016-2021. Conducted bathymetric mapping, beach elevation profiling, and sediment sampling in several New York State Parks, including Heckscher, Gilgo and Robert Moses.

Long Island Sea Gate Planning, Stony Brook University. Fire Island, NY. 2020. Conducted assessment of environmental and permitting issues related to installation of tidal sea gates at Fire Island Inlet.

Residential Wetland Delineations and Permitting, Town of Long Island, NY. 2020-2021. Conducted tidal and freshwater wetland delineations and permit submissions at numerous residences.

Peconic Aquaculture Program, Suffolk County. 2019-2020. Assisted with environmental research and public outreach for Suffolk County Marine Aquaculture program.

Jones Beach State Park Stormwater Management Plan, NYS Office of State Parks, Recreation and Historic Preservation. Wantagh, NY. 2016-2020. Performed coastal vulnerability assessments, drainage system mapping, and water quality investigation at multiple areas within the large coastal park.

Phase I Environmental Site Assessments, Suffolk County. 2020-2021. Performed Phase I environmental site assessments.

Bailey Arboretum Wetland Restoration and Dredging, Nassau County. 2016-2020. Led Joint Permit Application submission, bathymetric study, sediment sampling, and mapping for pond, dam, and wetland restoration.

Fisheries and Benthic Sampling for Storm Damage Reduction Projects, U.S. Army Corps of Engineers. Long Island, NY. 2016-2021. Performed fisheries and benthic sampling and analysis at borrow areas in Atlantic Ocean. Conducted data analysis and technical report preparation.

Pump Station Upgrade Wetland Assessments, New York City Dept. of Environmental Protection. Queens, NY. 2021. Conducted wetland delineations and assessments for a pump station upgrade project located in Queens, NY that was located in a NYSDEC wetland check zone.

Stony Brook University- Flax Pond Research Center Upgrades, SUCF. 2019-2021. Completed Joint Permit Application for seawater intake system and in-water marine shellfish hatchery in coastal wetland habitat on Long Island.

***DANIEL CAMPORESE, P.E., C.E.M.****Associate*

Mr. Camporese is an Associate in the firm. He is responsible for designing and supervising others in the design and coordination of electrical and fire alarm systems.

Mr. Camporese also functions as project manager and team leader. In this capacity he is responsible for both the technical and financial aspects of the project, and to keep the entire team, including the client, informed of all developments that need attention and could affect project quality or delivery. He has more than 7 years of experience in the design of electrical systems for many types of different building sectors, including institutional, commercial, multiple dwelling residential, single dwelling residential, places of worship, cultural facilities and more.

Mr. Camporese maintains a special interest in the design of lighting systems and leads the firm's efforts in this area. Other design capabilities include A/V, security, and IT networks.

EDUCATION

Bachelor of Science in Electrical Engineering – State University of NY at Binghamton

Master of Science in Electrical Engineering – State University of NY at Binghamton

REGISTRATION

P.E. – NY

CERTIFICATIONS

Certified Energy Manager by AEE

AFFILIATIONS

NYC Chapter of IES

(Illuminating Engineering Society)

Association of Energy Engineers



MIGUEL QUINTANILLA, P.E., LEED AP

Associate

Mr. Quintanilla is an associate at Collado Engineering. As part of his responsibilities, he oversees the plumbing and fire protection department to make certain technical excellence is achieved on all projects. Mr. Quintanilla utilizes 15 years of experience in design and project management to ensure excellent communication between Collado Engineering, the client, and the project team.

Prior to coming to COLLADO ENGINEERING, Mr. Quintanilla was a partner and the head of the plumbing and fire protection department in a mid-sized MEP firm based out of midtown Manhattan. During his career, Mr. Quintanilla has been involved in the design and project management of a variety of projects spanning various industry categories, including corporate interiors, hospitality, educational and residential facilities, in both the domestic and foreign markets.

Mr. Quintanilla has been an active participant in several professional organizations, including the American Society of Plumbing Engineers (ASPE) and the National Fire Protection Association (NFPA).

EDUCATION

Bachelor of Engineering in Mechanical Engineering

REGISTRATION

P.E. – NY, CT, MA, MD, PA

CERTIFICATIONS

LEED™ AP

AFFILIATIONS

American Society of Plumbing Engineers (ASPE)
National Fire Protection Association (NFPA)





REFERENCES

Stephen F. Byrns
President, Untermyer Gardens Conservancy
945 N. Broadway
Yonkers, NY 10701
T: 917-974-9713
E: sbyrns@untermyergardens.org

Suzan Marciona, RLA, MLA, ISA, GRP
Senior Landscape Architect
Green Infrastructure Team
NYC Department of Parks and Recreation
Olmsted Center, Queens, NY
T: 718.393.7303
E:suzan.marciona@parks.nyc.gov

Lisa DeLeeuw
Executive Director of Harlem Valley Rail Trail Association
PO Box 356
Millerton, NY 12546
T: 518-789-9591
E: hvrta@fairpoint.net

John Cirincione
Design Project Manager
NYC School Construction Authority
30-30 Thomson Avenue
Long Island City, NY 11101
T: 718-472-8562
E: JCIRINCIONE@nycsca.org

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REGISTRATION CERTIFICATE
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Certificate Number: 0934646

MORRISON MARK K
MKM LANDSCAPE ARCH PC
SUITE 1006
271 NORTH AVENUE
NEW ROCHELLE NY 10801-0000



is registered to practice in New York State through 02/28/2023 as a(n)
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EXECUTIVE SECRETARY

Sharon K. Fatah
INTERIM COMMISSIONER OF EDUCATION

DEPUTY COMMISSIONER
FOR THE PROFESSIONS

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VATERLAUS ANNE ELISABETH
14 BURLINGTON STREET
PROVIDENCE RI 02906-0000



is registered to practice in New York State through 11/30/2023 as a(n)
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EXECUTIVE SECRETARY

Sharon L. Fahoe
INTERIM COMMISSIONER OF EDUCATION


Sarah A. Benson
DEPUTY COMMISSIONER


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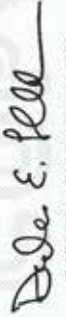
License Number: 002815-1 Certificate Number: 0534128UPD

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NEW YORK NY 10034-0000

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DEPUTY COMMISSIONER
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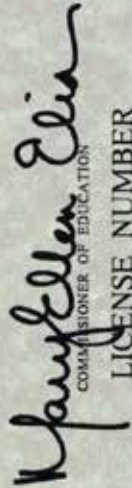
DANIEL THOMAS CAMPORESE

HAVING GIVEN SATISFACTORY EVIDENCE OF THE COMPLETION OF PROFESSIONAL
AND OTHER REQUIREMENTS PRESCRIBED BY LAW IS QUALIFIED TO PRACTICE AS A

PROFESSIONAL ENGINEER

IN THE STATE OF NEW YORK

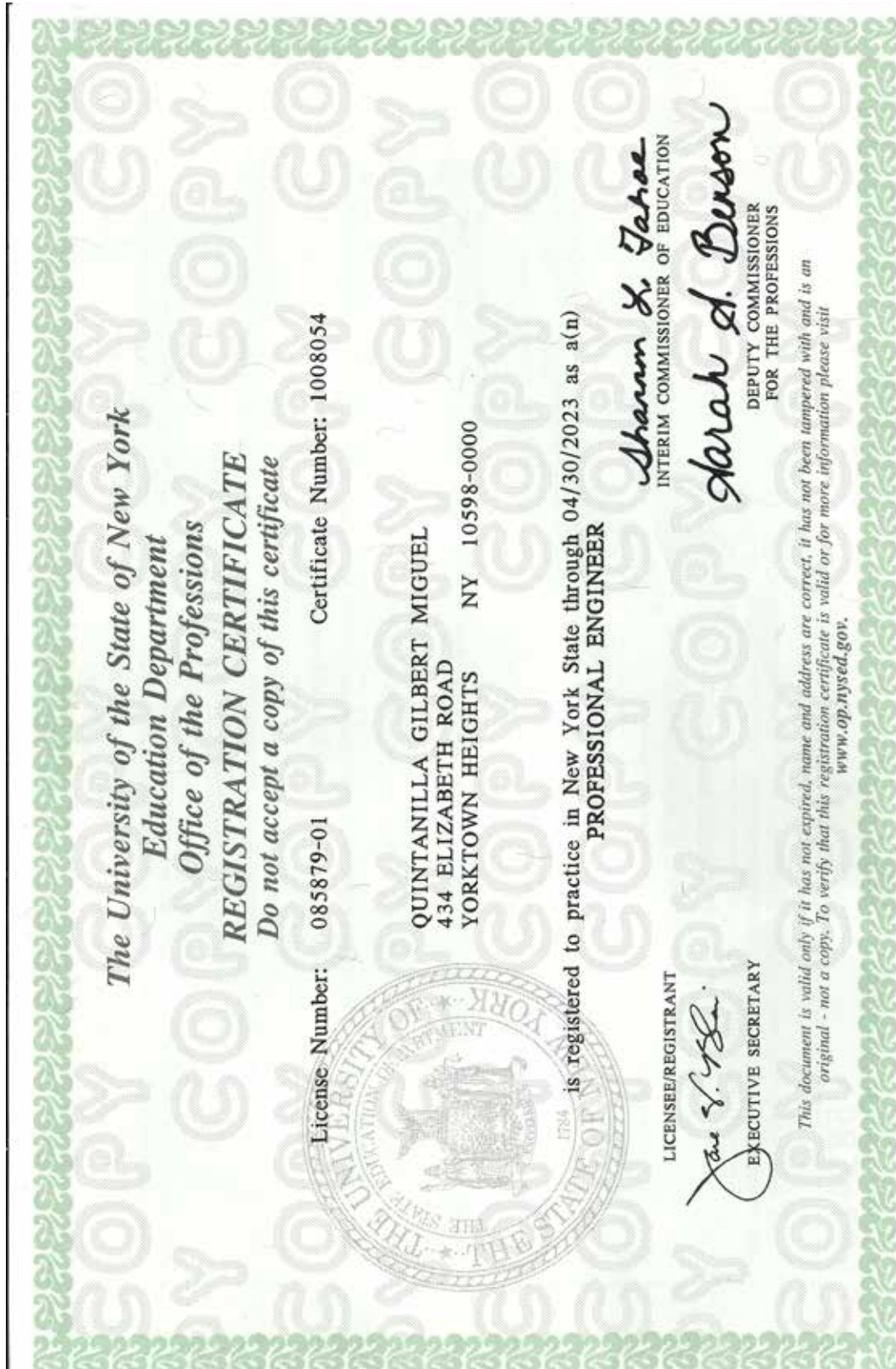
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THIS TENTH DAY OF DECEMBER, 2018.


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LICENSE NUMBER
100540




DEPUTY COMMISSIONER
FOR THE PROFESSIONS

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STATE BOARD FOR
ENGINEERING, LAND SURVEYING AND GEOLOGY





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New Rochelle, NY 10801
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www.markkmorrison.com