


PROPOSAL

January 2019

TOWN OF
Brookline
MASSACHUSETTS

Landscape Architecture and Engineering Consultant Services at Cypress Street Playground & Athletic Field Improvements

restore | enhance | sustain | maintain

Weston & Sampson℠

transform your environment

westonandsampson.com

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January 4, 2019

DESIGN STUDIO
85 Devonshire Street, 3rd Floor, Boston, MA 02109
Tel: 617.412.4480

Town of Brookline | Parks and Open Space Division
Attn: Scott W. Landgren, RLA
333 Washington Street, 4th Floor
Brookline, Massachusetts 02445

Re: **Request for Proposal (RFP) for Landscape Architecture and Engineering Consultant Services at Cypress Street Playground & Athletic Field Improvements**

Dear Mr. Landgren:

With decades of experience managing public open space, park/recreation, and athletic facility projects across the Commonwealth and throughout New England, Weston & Sampson's design studio welcomes the opportunity to partner with the Town of Brookline on this important community initiative. With over 550 professionals, Weston & Sampson's focus is to provide the highest level of consultant services to municipalities and our key members have all consciously chosen to practice predominantly within the public realm. Our multi-disciplined team of landscape architects, engineers, permitting experts, surveyors, and public outreach/engagement professionals can provide all required services for your project, with support from our highly capable irrigation subconsultant.

We'd like to highlight the following regarding our qualifications:

Relevant Experience – Over the past 20 years, Weston & Sampson has been among the most active design firms involved in open space and park construction in Greater Boston. **Weston & Sampson's designers routinely complete innovative and progressive designs, all of which exceed ADA/AAB criteria**. Our recent accessible, inclusive project successes include our efforts at John Harvard Mall in Charlestown, Massachusetts; at the Liberty Mutual inclusive playground at Windhaven Meadows Park in Plano, Texas; at Children's Park in Roxbury, Massachusetts; Harambee Park in Dorchester, Massachusetts; Lincoln Park in Somerville, Massachusetts and at the Coes Reservoir Park/Playground in Worcester, Massachusetts. In addition, our 24-person landscape architectural team routinely develops highly technical and sustainable solutions for natural turf field renovations, including successful recent projects in Arlington, Newton, Needham, Somerville, Wayland, and Worcester. We highlight a selection of our recent, similar work in Section 3, *Project Descriptions*.

Experienced Project Team – The members of our proposed team have extensive experience in the planning, design, and construction of park/playground/athletic field projects throughout New England, and we particularly specialize in multi-use, multi-generational facilities that are inclusive, high-performing, aesthetically compelling, and sustainable.

Successful Community and Stakeholder Engagement Programs – Our proposed project team is passionate and committed to public sector work, and our experience includes high-level coordination with public officials and providing public engagement services that are comprehensive, creative, and fun. For our work in Brookline, we look to embark upon a collaborative, constructive process to embrace each key stakeholder group and the needs of the larger town.

Experience in Brookline – With this opportunity, we pledge to put important, shared lessons learned from the Waldstein and Elliot projects to good and productive use.

Cypress Street Playground is a great and amazing place. The chance to develop strong and creative solutions to a myriad of site challenges is incredibly enticing to our team, and we hope that our initial thinking, identified in our technical proposal, will provide evidence of our commitment to achieve outstanding project results in Brookline. Please contact me at 617-412-4480 or bolingere@wseinc.com if you have any questions about our submittal.

Sincerely,
WESTON & SAMPSON

Eugene R. Bolinger, RLA | Vice President

INTRODUCTION

Based on the requirements outlined in the RFP and our observations during numerous recent visits to the site, we are pleased to present our technical proposal for the Cyprus Street Playground and fields project, and we would welcome the opportunity to further review our thoughts and plans with your team. We have organized our information in accordance with the five Technical Proposal topics presented on pages 6 and 7 of your RFP.

A. PROJECT GOALS

As you know, Brookline has an amazing park and open space system. We are sure that the town's own goals for the Cypress Street project are lofty and in keeping with the nature of other recent park and open space renovation projects. While we have listed goals from our perspective below, it will be productive for your team and our team to share our thoughts about project goals at the kick-off meeting or at least very early in the design process. This will allow us to be in sync and potentially broaden each other's perspective. Our primary goals include the following:

Design the Public Engagement Process – So key to park and open space improvement projects, we celebrate the opportunity to reach important constituency groups and bring a high level of optimism and enthusiasm to the public engagement process. We look forward to discussing what has worked best for you on recent projects and to sharing some innovative ideas that have been successful on some of our recent projects. This includes creating a wide range of meeting venues that establish a comfortable and productive vibe that is maintained throughout the process. Importantly, we believe that the hosting of "park presence days," where our staff is available onsite to meet both informally and formally with playground stakeholders, is critical. We look forward to discussing our approach to public engagement in more detail.

Sharing of Information – In Brookline, residents are tuned into to their park and open space system, and dozens will be interested in participating in the design development process that sets the framework for renovating Cypress Street Playground. We will work with your staff to help maintain an interactive and easily negotiable project website that promotes the ready exchange of project information, and we pledge to make important and compelling information available in an efficient and timely fashion.

Design Excellence that is Inclusive – We aspire to design and construct great and amazing public open space assets that are high performing, fun, inspiring, welcoming, aesthetically compelling, and inclusive … where residents of all ages, backgrounds, and abilities can seek respite and enjoyment. Because of Brookline's foresight, we are all afforded an opportunity to renovate this important public space, and we look forward to this opportunity to partner with you and your team to establish a plan that resonates with the various stakeholder groups and with the staff members charged with operating and maintain the property.

Technically Sound + Innovative – Strong technical solutions are needed to support excellent design solutions. With our multi-disciplinary team, we have the engineering and scientific prowess needed to achieve strong technical results. Our sports + recreation team is accustomed to developing highly sophisticated and cost effective technical specifications and detailing that establishes field renovation strategies that are appropriate to the often unique characteristics of a given site. Our structural, geotechnical, and electrical engineers are experienced and accomplished in the design of sports and pedestrian lighting systems that are inherent to park and playground settings.

For projects of this nature, we have also developed innovative stormwater management strategies that have helped to alleviate stormwater problems beyond the confines of our property through the installation of below-ground storage and infiltration chambers. We have designed irrigation systems that make use of rainwater harvested from on-premises features or from adjacent rooftops of public buildings (e.g., schools).

The outcome of our attention to detail will be a technically strong set of construction documents that include:

- Existing conditions, site preparation, demolition, layout, materials, grading and utilities plans that clearly articulate the scope of all intended improvements. We also develop enlargement plans to communicate additional detail, particularly in areas that will receive a high concentration of design intervention.
- Construction details that leave little to chance in the form of misinterpretation by constructors
- Technical specifications (per unit price) that are comprehensive
- Unit price bid forms that establish a logical breakout of work tasks inherent to a project of this nature

Lessons Learned – We never stop learning and, at the conclusion of our projects, our design teams meet internally and externally with clients to discuss project successes and challenges. We welcome the opportunity to hear about what you and your team have learned from recent park and open space ventures while we share with you our own experiences, in an effort to develop the most creatively and technically sound and cost-efficient designs and construction documents.

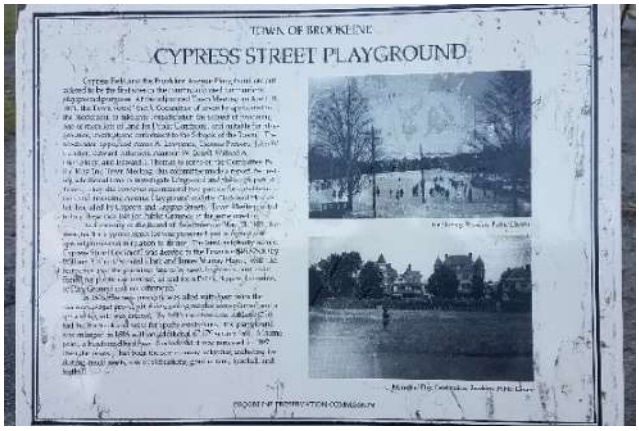
B. PROJECT PHILOSOPHY AND APPROACH

Below, we highlight several key considerations related to the renovation of the Cypress Street Playground. We hope this helps to convey a bit about our philosophy and about our understanding of essential project issues. This section also includes a discussion of specific aspects of our project approach.

Design Philosophy | Legacy

Is there anyone who hails from Brookline who does not know the Cyprus Street Playground? In fact, if you live in Boston, Needham, Newton, Wellesley, or any number of nearby communities there is a strong likelihood that you will have been to or at least been by this historic park and open space property.

Located in the foreground of Brookline High School, adjacent to the Brookline Hills Green Line T Station, and along busy Cypress Street, this high-visibility property is known and loved by thousands. The park contains impressive historical credentials as one of the first (if not first) public playgrounds in the United States. Given its rich history and legacy of providing critical park, playground, and sports opportunities to generations of citizenry, it seems like the $45,878.80 sum paid by the Town of Brookline to acquire two original parcels was the deal of the 19th century.



As renovation strategies are considered, we believe that it will be important to celebrate the rich tradition of this important recreational park and open space asset. Over the years, it has been the site of many activities, including ice skating, track meets, baseball, football, graduations, town celebrations, and informal events that have provided fun and enrichment to visitors of all ages. Today, historical legacy continues to be honored through softball, soccer, and basketball games and through use of the children's playground and water play area. Consolidating historical and memorial plaques and other nods to the history contained within the site can easily be folded into new renovation strategies.

Of Key Importance | A Community Field

At properties like Cypress Street Playground, fields are expected to support a wide range of use that often includes:

- School use (sports teams, club sports, and physical education programming)
- Community use (youth and adult sports leagues)
- Informal use (during all seasons and often in all types of weather)

The large multi-use field is currently used for many activities including:

- High School girls' softball
- High School soccer and football
- Men's softball
- Little League
- Pop Warner football
- Summer camps
- Other public uses

Our sports + recreation facility experts look forward to advancing the strategies for renovating the multi-purpose field. Our work will include an analysis of all existing conditions and facilities, including:

- Backstops, players benches, pads, and protective fencing
- Turf conditions
- Soils characteristics
- Grading and drainage
- Field orientation and available dimensions
- Perimeter conditions and access

We also welcome the opportunity to establish expectations pertaining to the level of use to be accommodated by a renovated field facility. To help with this dialogue, we will establish a field user matrix to categorize current and/or desired usage according to the type of sport, season of play, number of players, as well as the number of practices and games per week. The most carefully constructed fields will accommodate a finite extent of play, and it is best to clearly articulate this so that the appropriate construction approach can be confirmed, and the field can be maintained in an improved state of repair going forward.

Of Key Importance | A Community Playground

The children's playground, water play area, basketball court, and open and shaded lawns form the community playground side of the Cypress Street Playground property. These elements occupy approximately 1/3 of the site. Located at the toe of a slope that rises to Cypress Street, the area is worn and in need of a complete overhaul. With this superb setting, the opportunity to develop a reimagined playground is tremendous, and we would welcome the chance to develop conceptual plans and illustrations that help to communicate the essence of design that would likely include:

- New spatial configurations and amenity adjacencies that take best advantage of the sites considerable natural and aesthetic qualities
- High performing play equipment that is inclusive and interactive and that helps to foster and expand children's physical, mental and emotional capacities
- New splash pad facility that is also inclusive and interactive and that establishes an aura of surprise and anticipation
- Gathering areas for those supervising children and others seeking an opportunity to chat with a neighbor, read a book, or simply enjoy the view or goings-on
- A new basketball playing venue, favorably sited to respect nearby uses and activities
- Additional pathways and site enhancements that help to improve access and encourage use by a more multi-generational constituency

Of Key Importance | Traffic Calming + Circulation

With nearly 2,000 students at Brookline High School and hundreds of riders boarding the Green Line D Branch at Brookline Hills Station daily, the streetscape environment surrounding Cypress Street Playground is busy and frequently heavily congested. The need to carefully manage vehicular movements at Davis Avenue and Cypress, Greenough, and Tappan Streets is significant. The town has long sought to make the area safe for pedestrian and vehicle travel through the design of signals at intersections and the establishment of one-way and two-way traffic flows. Pedestrian crossings, many of them raised, have also been introduced in order to slow traffic, and thru-traffic at Greenough Street is prohibited on school days (between 9 AM and 4 PM).

The town intends to introduce further interventions along Greenough Street in front of the High School to establish a "slow street" effect. The design of the park will need to be cohesively integrated with the effort to upgrade Greenough Street. To facilitate this, our traffic and transportation engineers will be available to work with school and town staff (and other designated consultants) to ensure that the improvements to the northwestern park edge and sidewalk/roadway at Greenough Street are well coordinated and connected.

Of Key Importance | Sustainability

We are committed to developing design solutions that are technically and economically sound and respectful of the many climatic challenges that we face in Brookline and throughout the metro Boston area and the US. We will seek to recycle as many existing materials as possible, specify new elements with future recycling potential, and design stormwater systems that reduce impacts to surrounding areas of town and may help to solve challenges that exist outside the confines of the playground proper. In addition, fields and courts and playgrounds will be designed with maintenance in mind; appropriate detailing will be established that helps ensure the longevity of various systems and ease of care. In addition, we will seek to implement electrical, lighting, and water circulation/reuse systems that are highly efficient and conserve resources.

C. PROJECT LEADERSHIP, ORGANIZATION AND MANAGEMENT

Weston & Sampson has assembled a collection of professionals with the qualifications and experience needed to provide expert services to assist the town with design of the Cypress Street Playground and athletic field improvements. **The multi-disciplinary nature of our firm allows us to address important project issues efficiently and seamlessly using in-house staff familiar with the unique aspects of athletic field/playground/recreational requirements.** Our team also includes professionals from **Irrigation Consulting, Inc.** who will complement our services and provide targeted irrigation/athletic fields advice and design services. **We will manage your project from our boutique design studio in nearby Boston, with support from our regional offices as necessary.**

Weston & Sampson has the depth of resources to respond to your project needs and can assure the assignment of highly qualified personnel for all your project tasks and deliverables.

Below, we provide our project team organization chart that details the task lines of communication among all our team members, as well as their respective roles and task assignments/responsibilities. We highlight the qualifications and experience of a selection of our key personnel in the biographies that follow. In addition, we have included summary resumes for all of our proposed team members in Section 7, *Summary Resumes*.

Approximate Time Commitment			
Team Member	**%**	**Team Member**	**%**
Eugene Bolinger	6%	Jeanne Lukenda	15%
Cheri Ruane	3%	Brandon Kunkel	5%
Michael Easler	15%	Cassie Bethoney	10%
Rachelle McKnight	5%	James Pearson	5%
Cassidy Chroust	10%	Alyssa Peck	5%
Michael Moonan	5%	Amanda Gaal	5%
Timothy Sheehan	5%	Evan Andrikos	10%
Mark Mariano	5%	Scott Bruso	5%
Thomas Strike	5%	Daniel Marchand	5%
Richard Campbell	2%	Anthony Zerilli	4%
Michael Coleman	4%	Jeff Santacruce	4%
Laurence Keegan	2%	Irrigation Consulting, Inc.	5%

With over 550 professionals, Weston & Sampson's focus is to provide the highest level of consultant services to municipalities throughout Massachusetts and New England. Our work will yield high-quality designs that reflect your goals for improvements.

Summary Biographies for our Proposed Key Personnel

Eugene Bolinger, RLA, will serve as principal-in-charge of your project and will ensure that your project remains a priority of the firm. Gene is a **Massachusetts Registered Landscape Architect** with 30 years of experience in the planning, design, and implementation of athletic/recreational and open space facilities. During his accomplished career, he has successfully managed master planning, final design, and construction administration efforts for multi-disciplinary athletic/recreation, park, and open space projects. Gene has led many of our firm's efforts on programs with significant community input and outreach components, helping multiple stakeholders work together to develop long-term solutions to community planning needs, and brings to this project a successful track record of assisting clients in procuring funding for recreational open space projects. Gene has led efforts related to the master planning and/or design/construction of athletic/recreation and open space/park amenities at properties in Boston, Brookline, Danvers, Falmouth, Framingham, Natick, Newton, Somerville, Waltham, Wayland, Wilbraham, and Worcester. Gene's project experience also includes his work on the highly successful Mayor Thomas M. Menino Park in Charlestown, Massachusetts (Received 2016 BSA Accessible Design Award). This project included an accelerated schedule, ADA accessibility/compliance, and an extensive public engagement component. **His experience in Brookline includes serving as principal-in-charge of the Waldstein Playground and Warren Field Renovations.**

Jeanne Lukenda, ASLA will serve as the project manager and be responsible for the day-to-day progress of your project. She will have primary responsibility for the project. In this role, Jeanne will monitor the performance of the project team, review budgets, ensure technical quality, and monitor personnel assignments and allocations. With over 20 years of experience, Jeanne's diverse background includes landscape architecture, planning, and urban design; her leadership supports projects of various scales and complexities. She incorporates sound creative thinking from visioning through construction and focuses on superior client service and successful project delivery. Jeanne's relevant experience includes her current work at McConnell Park in Boston, Draw Seven Park in Somerville, and an Environmental Justice and Access Assessment of 48 public parks, playgrounds, and recreation areas in the Gateway Cities of Chelsea, Fitchburg, Lawrence, and Worcester. Her work for a previous employer includes over three dozen elementary, middle, and high school open space projects.

Brandon Kunkel, RLA will serve as assistant project manager and will work collaboratively with Jeanne and Gene to support project management, landscape architecture/design, public engagement, and streetscape/traffic calming tasks. A **Massachusetts Registered Landscape Architect**, Brandon has more than 10 years of experience in innovative design and master planning. His areas of expertise include parks, natural resource conservation and rehabilitation, academic and corporate campuses, and high-density mixed-use urban developments. Brandon's experience includes his work on the design of improvements to Rideout Playground in Concord, as well as a master plan and design concepts for improvements to historic John Harvard Mall in Charlestown, Massachusetts; design of improvements to Lincoln Park in Somerville; design of improvements to LoPresti Park in East Boston; an athletic fields project at the University of Massachusetts Lowell; development of a master plan for the 80-acre Merrymount Park in Quincy; and planning/design for the Charles River parklands restoration in Boston.

Cheri Ruane, RLA will provide technical review and public engagement services for your project. She is a **Massachusetts Registered Landscape Architect** with 20 years of experience in multi-disciplinary project management, construction administration, site analysis, and public design. Cheri has managed the design and construction of over $40 million in public improvements to parks, playgrounds, and recreation properties, including her human-centered design work at Mayor Menino Park with its accessible and inclusive design elements, significant public engagement component, and accelerated schedule. Relevant to your project, Cheri's recent similar experience includes accessible playground design efforts for the Liberty Mutual playground at Windhaven Meadows Park in Plano, Texas, as well as at Children's Park, Harambee Park, and John Harvard Mall for the Boston Parks & Recreation Department; among others. **Her experience in Brookline includes her work as project manager on the Waldstein Playground and Warren Field Renovations.** In addition, Cheri has **special expertise in children's playgrounds as well as facilitating the community participation process**. She is passionate about engaging the full cross-section of the community and understands that public landscapes require a creative, collaborative approach to successful design, from coordinating various stakeholders' goals and concerns to choosing appropriate construction materials for long term durability, maintenance, and operation considerations.

Michael Moonan, RLA, LEED®AP will lead the sports + recreation / athletic field design tasks. A **Massachusetts Registered Landscape Architect** and **LEED-accredited professional**, Mike has more than 20 years of experience in landscape architecture and the landscape industry. **Mike has managed all aspects of projects from master planning and conceptual design to construction document preparation, specification preparation, and construction administration.** Mike's recent experience includes managing major field and athletic facility projects in Danvers, Wilbraham, and Worcester, Massachusetts; and Westerly, Rhode Island. Mike's experience also includes management of the field improvements at LoPresti Park in East Boston; an athletic fields master plan in Kittery; Cushing Memorial Park Master Plan in Framingham; Phase II of the Master Plan for the city common in Worcester; and the Whispering Hill Woods project in Woburn. As a LEED professional, Mike is experienced in incorporating sustainability practices into his designs. **Together with Gene and Cheri, Mike provided design services for the Waldstein Playground and Warren Field Renovations project.**

Jeffrey Santacruce, PE will lead the streetscape and traffic calming tasks. With over 20 years of experience leading transportation/traffic planning projects, Jeff provides traffic engineering/transportation planning, highway and drainage design, hydrologic/hydraulic analyses, construction inspection, and traffic signal design. He is experienced in the preparation of construction documents, including design plans and specifications, bid documents, and itemized construction cost estimates. Jeff's experience also includes safety improvements, traffic calming, pedestrian crossing design, geometric upgrades, interchange design, drainage design, pavement marking and signing layout design.

Public Engagement

Our professional staff has extensive experience in conducting public participation, engagement, and communication programs through our work on numerous projects throughout New England. In addition to their other assignments, **Eugene Bolinger, RLA, Cheri Ruane, RLA, Jeanne Lukenda, ASLA,** and **Brandon Kunkel, RLA** (qualifications detailed above) have extensive community outreach and public participation experience and will support our community engagement efforts for your playground and athletic facility revitalization project.

Public participation and engagement is a core component of our expertise and something we take great pride in. Our past design and improvement work at playgrounds, athletic facilities, and parks has included many projects with a range of challenges and varying opinions related to specific aspects of a design or improvement. Through careful leadership, everyone can be heard and become invested in a successful outcome that provides the greatest benefit to the town. Our team seeks to establish and maintain valuable communication and cooperation among all vested project stakeholders. **To this end, we pledge to work closely with the town, all other project stakeholders, and residents in an honest, open, and truly productive dialogue that builds trust and promotes a sense of community, along with the design and construction of improved, revitalized athletic/recreational facilities.**

D. WORK PROGRAM

We have read the contents of the "Design Scope of Work" on page 3 and "Scope of Services" on pages 4 and 5 of the RFP, and we acknowledge and accept that this is highly representative of the work to be performed by the selected consultant. Our intent is not to repeat this considerable amount of detail within the realm of this response. Further, we agree that our designs will address all items identified in the Design Scope of Work, and our services will include all tasks identified in the Scope of Services. We have summarized information related to our Work Program (beyond what is articulated in the RFP) below:

Task 1

- Attend a kick-off meeting with designated town representatives. Obtain all relevant project data necessary to understand site history, use, infrastructure systems, and current conditions. Visit the site in conjunction with project proponents. Establish all project goals, objectives, desired outcomes, and areas of responsibility at the kick-off meeting. Also, establish the desired project timeline and record all meeting outcomes with a summary memorandum.
- Establish an agreed-upon schedule for performing field work, including soils borings, test pits, and soil sampling to determine structural, drainage, and turf growing capacity and characteristics.

Task 2

- Identify utility infrastructure stakeholders and schedule interactions as appropriate to confirm needs for electrical, water, and stormwater upgrades.
- Advance schematic, then preliminary designs throughout this task timeframe. Meet with town staff members and the Design Review Committee to review evolving designs.
- Based on initial design and cost estimating efforts, establish basic construction budget parameters. Of note, the RFP does not mention a construction budget and it will be very important to confirm expectations regarding overall project cost.
- Establish strong illustrative graphics to help convey the essence of all design elements to Design Committee Review members and to the general public.

Sample Illustrative Graphic for an Athletic Field Project in Newton

Task 3

With most design decisions having been made, the development of construction documents becomes a technical exercise. We pride ourselves on developing comprehensive bid drawings that thoroughly describe and detail all critical aspects of the project design. We would be happy to share sets of finished construction documents from similar projects with you so that you can confirm the thoroughness of all documents. During this task timeline, we will meet with town staff to review progress, receive input, and ensure compliance with all town and state/federal standards.

E. PROJECT SCHEDULE

With our professionally trained staff of more than 550 landscape architects, designers, engineers, architects, environmental professionals, surveyors, and construction specialists, Weston & Sampson has the capacity and depth of resources to respond to your needs and assure the assignment of highly qualified personnel for all your project tasks. **During critical points, these personnel will devote up to 100% of their time, as needed, to complete the work within your timeframe.**

Weston & Sampson consistently establishes workable project schedules or works within pre-set project schedules. Upon notice-to-proceed, we develop detailed project schedules identifying key milestone and deliverable dates that include references to tasks, task descriptions, anticipated task duration, allocated submittal review periods, and interrelation with other work tasks. As part of these schedules, we also identify "critical time" events that require input from town staff or other key milestone events. We have provided our proposed timeframes for work completion below.

Project Task or Milestone	Anticipated Completion Date
Project Kick-Off	by February 1, 2019
Field Work*	February - April 2019
Preliminary Design + Design Development	February - June 2019
Design Committee Meetings	February - June 2019
Park and Recreation Commission Presentation of Design Development Plan	July 2019
Bid Documents	July - November 2019
Project Bid	January 2020
Project Award	March 1, 2020
Construction Commences	Spring 2020 TBD

** weather dependent*

PROJECT DESCRIPTIONS

We have provided five descriptions of comparable projects on the following pages; these detailed descriptions include a summary of the project, dates of service, and client contact information.

IMPROVEMENTS TO LINCOLN PARK

city of somerville, massachusetts










Lincoln Park in Somerville is 6.6 acres located in the heart of the city. The City of Somerville selected Weston & Sampson to provide design services and landscape architecture improvements to the existing park. This estimated $8.2 million project includes significant improvements to an open space asset that will serve as the recreational heart of the city and neighborhood.

Our design includes interactive education-based elements including an outdoor classroom, rainwater harvesting, and teaching gardens in collaboration with the Dr. Albert F. Argenziano Middle School, which is located adjacent to the park. We have also incorporated traditional park features that embody the neighborhood's vision, including a synthetic turf field, softball field, basketball courts, traditional and exploratory playgrounds, water play, a skate course, exercise stations, and community gardens. The design also includes passive park elements such as a hammock grove, picnic patio, and open lawn areas.

Located below the synthetic turf and softball fields within the park is an underground stormwater collection system, which is capable of collecting 189,000-gallons or handling a 25-year storm event. This significant park feature will collect stormwater in conjunction with the rainwater harvesting gardens and can be used for environmental education as part of an urban watershed demonstration showing how water traverses through the city's fabric. This exhibit offers school children and adults the opportunity for close interaction with a non-static watershed display of rain harvesting gardens and bioswales. The system is designed to direct both on-site and off-site rainwater into drains and gardens that are networked to underground cisterns and later used for irrigation.

Working in close coordination with the City of Somerville and its residents, our collaborative goal for this project was to develop a park that will not only enrich the community at large, but provide much-needed athletic fields and play spaces and enhance the neighborhood's sense of place.

- open space improvements
- active & passive recreational, community-based elements
- playground, athletic fields, spray pad, outdoor classroom
- interactive & educational opportunities
- stormwater management
- watershed protection and education

Dates of Service:
2015-2018

client contact

Arn Franzen
Director of Parks and Open Space
Somerville City Hall, 93 Highland Ave.
Somerville, MA 02143
617-666-3311
afranzen@somerville.gov

IMPROVEMENTS TO LOPRESTI PARK

boston parks and recreation department





LoPresti Park is a four-acre park located on the waterfront of Boston's inner harbor in the farthest most corner of East Boston. In 2012, Boston Parks and Recreation Department selected Weston & Sampson to design a modern-day park that links the Maverick Gardens neighborhood back to the water and strengthens pedestrian connections to the surrounding housing development; since that time, we have worked together to achieve that vision. This premiere location affords some of the most dramatic and sweeping views of the Boston skyline, July 4th fireworks, and sunsets all year long. With Pier Park as a nearby attraction, LoPresti Park is reportedly one of the best kept secrets of the city and often overlooked as a destination for anyone other than the locals. LoPresti functions as a well-used neighborhood park and playground that is frequented by residents who arrive mostly on foot or by bike.

The most recent improvements at LoPresti Park provide a number of active recreational amenities, including two basketball courts, a children's playground, splash pad, fitness equipment, an open lawn, and a state-of-the-art synthetic turf playing field that is the centerpiece of the park. Passive activities are organized in a way to complement the amazing vistas that exist throughout the park. A renovated harborwalk promenade serves as the spine of the park and provides for pedestrian circulation. Additional programming includes benches, ping-pong, and lounge chairs organized around the scenic promontory, as well as a kayak launch that provides direct access to the harbor waters. The park's new main entry plaza is centered on the Maverick Gardens housing development and provides sweeping views of the park and the city. These improvements to LoPresti Park are sure to become part of East Boston's legacy for years to come.

In addition, as part of our project work, Weston & Sampson's environmental professionals collaborated with our landscape architects since the site is regulated under the Massachusetts Contingency Plan (MCP) under release tracking number (RTN) 3-4398; it contained petroleum hydrocarbon contamination and lead-impacted soils. Our team sampled the soil stockpiled at the site to evaluate reuse/disposal options; reviewed existing reports/maps; assessed potential impacts of the park improvements; and performed a risk evaluation for current/future site uses.

- active and passive recreational designs
- waterfront amenities
- harborwalk promenade and improved pedestrian connections
- synthetic turf fields, basketball courts, playground/splash pad facilities
- environmental evaluations/ assessments

Dates of Service:
2009-2016

client contact

Cathy Baker-Eclipse
Project Manager
Boston Parks & Recreation
1010 Massachusetts Ave., 3rd Floor
Roxbury, MA 02118
617-961-3058
cathy.baker-eclipse@boston.gov

NEWMAN ELEMENTARY SCHOOL ATHLETIC FIELDS – EASTMAN CONSERVATION AREA IMPROVEMENTS

town of needham, massachusetts






Weston & Sampson was retained by the Town of Needham to design sports field upgrades and pathway improvements to the Eastman Conservation Area. The Eastman Conservation Area serves as an outdoor learning laboratory for the elementary school and the Needham Science Center, which is located at the school.

We developed a highly technical approach to renovating the field complex with modified grading, amended soils, and extensive new drainage systems. To maximize the benefit of the field redesign and reconstruction efforts, the team worked with a wide array of project stakeholders to confirm preferences for field orientation and dimensions and the design of all ancillary facilities. Field improvements yielded two high-performing youth baseball diamonds and a multi-use/soccer field that supports use by elementary school students and a host of youth sports and recreation leagues.

Work at the site also included the design of boardwalks, at-grade trails, overlooks, piers, and a wide range of other site amenities that help to support the storytelling about wildlife and wetlands and woodlands and other environmental features that are unique to this rich and varied conservation landscape.

- 2017 American Sports Builders Association multi-field category award winning project
- sports field upgrades
- boardwalks, trails, overlooks, and piers
- construction administration

Dates of Service:
2014-2016

client contact

Edward Olsen
Parks and Forestry Superintendent
Public Service Administration Bldg
500 Dedham Avenue
Needham, Massachusetts 02492
781-455-7550, ext. 317
eolsen@needhamma.gov

IMPROVEMENTS TO GREENWOOD PARK

city of worcester, massachusetts

For the City of Worcester Parks Department, Weston & Sampson designed a series of park improvements to Greenwood Park, including new/refurbished tennis courts, a new basketball court, multi-use soccer/softball field facilities, accessible pathways, a new interactive splash pad facility, playground, benches/seating areas, a shade shelter, and improved drainage.

As part of our work at the park, Weston & Sampson developed a new model for the city's water-based recreation program. This interactive splash pad facility is a recreational resource that offers the city the ability to operate the site without the full complement of lifeguard staff, minimal chemical balancing requirements, and an extended season of use. Through the design, Weston & Sampson coordinated closely with several manufacturers of splash pad features to ensure the design best fit the site and existing conditions, as well as the city's operating limitations. The new recirculation system will limit the use of potable water and enable the city to run a far more efficient system than the typical drain to waste model.

- multi-use, natural turf recreational fields
- tennis/basketball courts
- interactive splashpad
- stormwater management
- accessible pathways and seating areas

Dates of Service:
2010-2015

client contact

Robert Antonelli, Jr.
Assistant Commissioner, Parks & Public Works
50 Skyline Drive
Worcester, Massachusetts 01605
508-799-1190
antonellir@worcesterma.gov

MASTER PLAN FOR FIELDS & PLAYGROUNDS

city of newton, massachusetts

The black and white images (bottom right) have been excerpted from a book entitled "The Makers of the Mold," by Kenneth W. Newcomb and include a group of ball players from Upper Falls and a canoe paddler along the banks of the Charles River near Upper Falls Playground.

Weston & Sampson was selected by the Newton Parks & Recreation Department during the fall of 2006 to complete a comprehensive master planning process for the Newton Highlands Playground and Newton Upper Falls Playground. The purpose of this master plan is to provide a preferred site improvements plan that reflects the needs of these two diverse communities. This plan will serve as a guide for all future development of this park, as well as a tool to secure funding from various private, city, state, and federal sources.

Weston & Sampson collaborated with the Newton Parks & Recreation Department to develop conceptual and final "Preferred" master plans for both properties. These were generated in response to the needs of the city as expressed by various community representatives at a series of public hearings and through the issuance of a comprehensive Park User Survey.

During our research on these properties, we discovered historic photographs and images of old plans that informed our approach to the planning for Newton Upper Falls Playground.

Our subsequent design and construction administration efforts at the Highlands Playground property include a Little League baseball field, a multi-use rectangular field, basketball/tennis courts, seating, fences, parking, a support building, and walking trails.

- master planning for active and passive recreational designs
- improved parking and pedestrian connections
- natural turf fields, basketball/tennis courts, playground designs

Dates of Service:
2015-2018

client contact

Robert DeRubeis
Commissioner
Newton Parks & Recreation
60 Elliot Street
Newton, Massachusetts 02461
617-796-1500
rderubeis@newtonma.gov

REFERENCES

Below, we provide contact information for several long-time clients for whom we have performed consulting services similar in size, scope, and complexity to those anticipated by the Town of Brookline. We invite you to contact these references to discuss our wide-ranging capabilities, capacity to support complex projects, and our past performance on a wide range of recent active and passive recreation initiatives. We have also provided references on the detailed project descriptions included in Section 3, *Project Descriptions* that we encourage you to contact.

Client References for Recent, Similar Work	
City of Boston Christopher Cook Commissioner Boston Parks and Recreation Department 1010 Massachusetts Avenue, 3rd Floor Roxbury, Massachusetts 02118 617-635-4505 christopher.cook@boston.gov	**City of Boston** Liza Meyer Chief Landscape Architect Boston Parks and Recreation Department 1010 Massachusetts Avenue, 3rd Floor Roxbury, Massachusetts 02118 617-635-4505 liza.meyer@boston.gov
City of Somerville Joseph Curtatone Mayor 93 Highland Avenue Somerville, Massachusetts 02143 617-625-6600 mayor@somervillema.gov	**City of Worcester** Robert Antonelli, Jr. Assistant Commissioner of Public Works & Parks 50 Skyline Drive Worcester, Massachusetts 01605 508-799-1190 antonellir@worcesterma.gov
City of Newton Robert DeRubeis Parks & Recreation Commissioner 60 Elliot Street Newton, Massachusetts 02461 617-796-1500 rderubeis@newtonma.gov	**Town of Needham** Edward Olsen Parks and Forestry Superintendent 500 Dedham Avenue Needham, Massachusetts 02492 781-455-7550, ext. 317 eolsen@needhamma.gov

FIRM BACKGROUND

Established in 1899, our firm has been providing our municipal, public agency, and private sector clients with cost-effective, innovative solutions to their environmental and infrastructure challenges for well over a century. A privately held, employee-owned company, we offer full-service capabilities ranging from project development, assessment, and planning through permitting, design, construction, and long-term operation and maintenance. We specialize in providing multi-disciplined support, including landscape architecture and engineering services, to clients throughout Massachusetts and New England.

Weston & Sampson℠

transform your environment

Our mission is to protect, improve, and sustain the natural and built environment to enhance the quality of life.

Our clients are our partners; in our work at parks and playgrounds, we remain sensitive to community concerns and understand the need to minimize impacts to residents and neighbors.

In addition to landscape architecture design, our areas of expertise include engineering; aquatic facility design, environmental science/permitting; surveying; stormwater design and drainage; architecture; water and wastewater utility design/treatment; bridge/roadway design; electrical/mechanical/structural/geotechnical/traffic engineering; hydraulic modeling; solid waste services; and construction administration.

Proven Industry Leader

Nationally ranked among the top 200 design firms in the United States, according to the Engineering News Record, Weston & Sampson is proud of our commitment to technical expertise. Our firm is widely recognized for our excellence in engineering, and many of our projects have received awards from the American Council of Engineering Companies (ACEC), the Environmental Business Council (EBC), and the Environmental Protection Agency (EPA). This commitment to technical excellence and client service has contributed to a consistent company-wide client return rate exceeding 85%.

Client-Focused

For over 120 years, Weston & Sampson has provided our clients with high-quality planning, design, permitting, and engineering services. Our multi-disciplinary staff is committed to working cooperatively with our clients to improve their properties and programming in a technically sound, cost-effective, creative, and sustainable manner. We deliver exceptional designs conforming to ADA/AAB regulations and local standards, providing sensitive alignments, targeted utility-related services, appropriate detailing and finishes, and award-winning aesthetics.

Philosophy Statement

Weston & Sampson maintains a business philosophy that dictates the delivery of conscientious consulting services with professionalism and accountability. We tailor our scope of services to meet the needs and expectations of our clients in accordance with the established industry standards of care. We perform these services at a fair price while upholding the highest ethical values of the profession. Adherence to these principles has served us well since Weston & Sampson's inception.

Since 1899, the company's prime business focus has been client satisfaction. Listening to and understanding client concerns, goals, and expectations for the project, and then converting these ideas into a buildable and sustainable solution are the keys to achieving complete client satisfaction. We focus on developing quality planning and design

products, and dependable, thorough services that provide and retain value for our clients, while promoting our reputation within the marketplace as a leader and innovator in our field.

Our design practice is founded on a horizontal, fully collaborative team structure, conceived to derive maximum benefit from synergies that exist between our disciplines, and to yield a result that is *truly greater than the sum of its parts*. Weston & Sampson welcomes the challenges provided by the ever-changing landscape of the built and to-be-built environment.

Solutions

We know that even the best solutions are of no value unless they are affordable, maintainable, and accepted by the public. Our knowledge gained through extensive work designing and developing community recreational spaces will be critical to the success of your project. With our strong commitment to meeting the goals of our clients, we consistently achieve consensus-driven solutions through collaboration and coordination with our clients. With this approach, our work is technically sound, timely, and on-target from a cost perspective.

Subconsultants

We have included **Irrigation Consulting, Inc.** on our team to serve as our subconsultant team member and provide high-quality irrigation design services. Irrigation Consulting is a client advocate for all aspects of irrigation. They are an independent irrigation and water resources engineering firm that does not represent any proprietary product, contractor, or manufacturer. As Professional Engineers, they are held to professional codes of ethics: giving them a distinct advantage in the industry. Irrigation Consulting always defends the best interest of its clients in maintaining valuable landscape: they advocate to ensure the proper water source is found, adequate pressure and flow is available, design their systems for water conservation, and verify the proper product and installation methods are used. They not only aim to provide design services for their clients, but also to educate them on their irrigation system given their specialized expertise.

SERVICES PROVIDED

With our professionally trained staff of nearly 600 landscape architects, architects, designers, engineers, architects, environmental professionals, surveyors, and construction specialists, we can meet the diverse needs of our clients and offer extensive in-house capabilities in dozens of areas, including the following:

- Landscape Architecture
- Public Facilities Planning & Design
- Land Surveying
- Site/Civil/Utility Design & Development
- Architecture
- Geotechnical & Structural Engineering
- Transportation & Traffic Engineering
- Sustainable Design/Renewable Energy
- Wetlands Replication & Restoration
- GIS & Digital Mapping
- Hydrology & Hydraulics
- Peer Review
- Wastewater Collection & Treatment
- Athletic/Recreational Facility Design
- Master Planning
- Environmental Compliance/Permitting
- Stormwater Management & Green Infrastructure
- Regulatory & Enforcement Assistance
- Environmental Site Assessment/Demolition/Remediation
- Mechanical/Electrical/Plumbing & Fire Protection
- Infrastructure Design & Construction
- Solid Waste Planning, Design & Management
- Water Supply Development & Treatment
- Water Supply Pumping & Distribution
- Construction Inspection, Oversight & Management
- O&M and Repair of Water & Wastewater Systems

We have provided more detailed information regarding our firm's experience with the services required for this project in Section 3, *Project Descriptions*.

RESPONSE TO COMPARATIVE EVALUATION CRITERIA

Weston & Sampson has reviewed the Town of Brookline's Minimum Evaluation Criteria and Comparative Evaluation Criteria as outlined in your Request for Proposals (RFP), and we have taken care to address these items in this section and throughout our proposal, thereby demonstrating our understanding of and ability to complete your project. We are confident that the town will find Weston & Sampson compliant and fully responsive to the RFP requirements.

Weston & Sampson meets or exceeds your minimum evaluation criteria, and we are confident you will rate us highly in each of your Comparative Evaluation Criteria as well.

Over the past 20 years, Weston & Sampson has been one of the most active and sought-after municipal park, playground, athletic field/facility, and open space planning and design firms in New England. Our team members have consciously chosen to focus their careers on public practice. We embrace the public engagement process and are proud of our proven record of gaining consensus and designing projects that are highly responsive to local community needs. We hope that our submission successfully reinforces the depth and breadth of our relevant, multi-disciplinary credentials.

MINIMUM EVALUATION CRITERIA

The proposal includes all nine items listed under the *Submission of the Proposal* heading included in your RFP. Weston & Sampson is passionate about providing smart, insightful consulting services that will leverage the good work already done and the resources Brookline brings to bear on this important project. We welcome the opportunity to discuss this project in person and would be happy to come in to present a detailed strategy for carrying out this work successfully. Weston & Sampson has been recognized for exceeding clients' expectations by providing attentive personal service, superior technical quality, award-winning design excellence, and adherence to cost and schedule requirements. In any cases where we have fallen short of client expectations, we are absolutely committed to making it right and getting the project back on track. We will not run away; we will not transfer blame. We are accountable to you and to the people of Brookline. With most of our work in the public sector, Weston & Sampson consistently meets funding-driven deadlines and is responsive to client needs or changes in scope that result in new project requirements.

COMPARATIVE EVALUATION CRITERIA

1. Evidence of substantial experience with planning and site improvements projects of comparable scope and complexity.

   Weston & Sampson has built a reputation based on the successful completion of project goals, attention to detail, and cost-effective, quality work. **With this, our firm has become the preferred landscape architecture consultant for many clients in New England.** For all our projects, Weston & Sampson's goal is to tailor our approach to meet the needs of both the project and the client. The combination of our creative and technical planning and design expertise, wealth of in-house resources, ability to develop and maintain valuable client relationships, and our highly collaborative project approach has led to repeat assignments in these communities.

   Our professionally trained staff of 550+ designers, landscape architects, architects, engineers, environmental professionals, and construction specialists has provided quality consulting services to communities throughout New England. Municipal clients comprise more than 80% of our business. As such, we fully understand the needs and challenges of municipalities, including available technologies, regulatory requirements, cost analysis and funding, and operational issues.

RESPONSE TO COMPARATIVE EVALUATION CRITERIA

We have completed hundreds of successful design and open space projects for communities in Massachusetts and throughout New England. We help our clients envision successful futures for their municipal projects. Our design studio's creative professionals consistently complete thoughtful, pragmatic, and cost-effective recreational facility, park, playground/skate park, streetscape, and bike/pedestrian path plans; environmental and historical restorations; and open space projects. The scopes of work related to both our current and recently completed projects include complete site/infrastructure analyses, vehicular/pedestrian circulation and parking, all types of recreational and open space facilities, comprehensive public engagement programs, and ancillary support services.

Our capabilities and specialized services include:

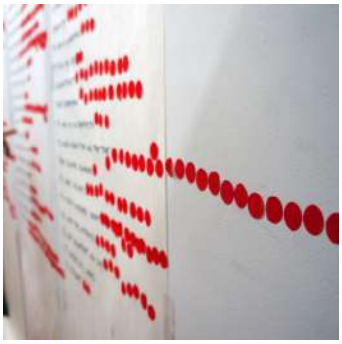
- Active and passive recreation facilities design and construction, including conservation land management, memorials, and historic landmark restoration
- ADA/AAB-related inventory, analysis, and accessible/inclusive design/compliance
- Master planning, feasibility studies, and site analysis and redevelopment
- Comprehensive community involvement and participation, including charrettes/websites and volunteer coordination
- Civil, structural, geotechnical, electrical, and mechanical engineering
- Aquatic design and restoration services, including fountains, pools, and splash pads
- Transportation, traffic, and parking planning, as well as highway, bridge, and railroad/transit systems
- Streetscape design, including street/sidewalk restoration
- Environmental permitting and restoration/coordination with local, state, and federal agencies
- Existing conditions inventory/mapping
- Rail-to-trail, greenway, and recreational corridor master planning/design/construction
- Waterfront and recreation design and construction
- Utilities relocation and undergrounding
- Soil assessments/remediation
- Design of small park support structures & building siting
- Sustainable designs and resiliency planning
- Stormwater management
- Project inspection and construction monitoring
- High-quality illustrative graphics, renderings, and photo-realistic designs
- Maintenance/management planning for properties/structures
- Economic development/enhancement opportunities
- Interpretive signage and wayfinding systems

2. Evidence of success in preparing and presenting the written and graphic results of comparable projects in clear, coherent and comprehensible formats.

With most of our work in the public sector, Weston & Sampson has worked extensively with public groups to gauge public opinion and build consensus within a community. We offer extensive experience preparing and presenting legible plans, renderings, photorealistic graphics, estimates, phasing options, 3D models, studies, and other information to public officials, boards, committees, and the public. Our capabilities include assisting our clients in addressing project-specific issues and community engagement programs that effectively communicate technical information related to infrastructure, engineering, and the environment; these capabilities aid in the development of materials that help to convey the essence of a project to a lay audience. We consistently strive to present information in a user-friendly and understandable manner and have prepared informational pieces and exceptional graphics for projects with technical and public relations goals across the

Commonwealth and in communities throughout the Northeast. In addition to Weston & Sampson's in-house art/graphics department, Mike Easler, our design studio graphics guru, leads a group of people focused on illustrating data, design concepts, and implementation strategies.

3. Evidence in working collaboratively with design review committees. Evidence of success in facilitating citizen participation in design projects.



Our professional staff works collaboratively with design review teams/committees and has extensive experience in conducting public participation, community outreach/engagement, and communication programs. We have successfully used a "community workshop" approach on several projects, through which we have met with residents/neighbors and other interested parties in an informal setting to defuse controversial issues on a one-on-one basis. Many of our projects have required extensive community participation and community-wide involvement by individuals and extensive numbers of vested interest groups.

With most of our work in the public sector, Weston & Sampson has worked extensively with public groups to gauge public opinion and build consensus within a community. We understand the need for public outreach and offer extensive experience preparing and presenting legible plans, renderings, photorealistic graphics, estimates, phasing options, 3D models, studies, and other information to public officials, boards, committees, and the public through a community meeting or hearing process. Our ability to understand our clients' needs and establish positive working relationships invariably yields maximum project benefits.

Deeply committed to engaging the community through public presentations, it is imperative that we present the project to the community in the appropriate format and venue to gain input. We pride ourselves on engaging oral presentations that educate, enroll, and entertain so the audience develops an affinity for the presenters and the message is well received. This relationship facilitates project progress and creates a collective buy-in for a successful outcome. Through our experience, we have developed solid working relationships with local agencies, governments/departments, and residents, and have gained valuable and practical insight regarding municipal infrastructure improvement projects.

Our team has a deep bench of tools and techniques for effective and meaningful community engagement. From digital Automated Response Systems that offer quantifiable real-time feedback that is then used to inform insightful discussion to the analog system of hands-on charrette and consensus building, we craft the public outreach approach specifically to the profile of the community. We also use social media, online surveys, and interviews with maintenance staff to understand precise park needs. We take our lead from you, the client, immersed in the local community, and from the stakeholders who have been working, often for decades, to see improvements to the places in which they live, commune, and play.

For all our work, we strive to engage the community in a public dialogue to further establish and confirm the community's needs, preferences, and priorities in relation to the future improvement and use of each feature/asset.

Our landscape architects then develop concept plans prepared specifically in response to community needs and preferences to be endorsed by both community participants and the town representatives in the form of a "preferred" plan. For most of our planning/design projects, we establish budgets, as well as phasing, funding, and implementation strategies for all desired property enhancements. Weston & Sampson's efforts also typically include identifying opportunities for implementing low-impact development (LID) techniques, preservation/restoration of unique or important environmental features, and enhanced stormwater management.

We are currently leading or have recently led the public participation, design development, bidding, and construction administration process for the improvement of parks/plazas, playgrounds, athletic facilities, trails/paths, and municipal commons in many communities. Of note, our landscape architects have consciously chosen to focus their careers on designing public (not private) spaces that benefit communities. We believe that our current and past work on open space/recreation properties exemplifies our commitment to realizing a successful project through an innovative, creative, and collaborative effort.

4. Evidence of designing creative, innovative and long-lasting playgrounds.

Weston & Sampson's design team possesses enormous strength in the design of successful, highly interactive neighborhood parks, playgrounds, schoolyards, and related public spaces. While we consider ourselves well-versed in pragmatic designs that can be maintained, we are passionate about pushing the design envelope and exploring new expressions of recreation in the built environment. This is further supported by our recent successes in creative, sustainable active play, and our propensity for repeat service in the communities in which we work.

Accessible Play Equipment at Menino Park

By embedding the idea of inclusivity into every aspect of the design, our efforts at Mayor Thomas M. Menino Park in Charlestown inherently evoke a sense of belonging and community. Taking inclusion beyond what the law requires was the over-arching design objective. The playground design represents the highest level of accessibility, and it serves all citizens of the community. The park includes 60 pieces of accessible play equipment carefully selected to accommodate a wide range of physical movement and development; all routes and all features throughout the park provide fun and excitement on equal terms. By leveraging the change in elevation created by mounded lawns, everyone can reach the highest point of the climbing structures, take suitable risks, challenge themselves physically and mentally, and share in the thrill of outdoor play. At Menino Park, there is no "accessible route" – it is simply a place where those of all ages and physical and mental capacity can move, explore, and thrive alongside one another. **Our efforts were recognized with a BSA Hobson Award for Accessible Design.**

John Harvard Mall Playground

With thoughtful, accessible design, architects, landscape architects, and engineers are hopefully changing perceptions and expectations of what people are capable of and what living fully really means. In all our work, Weston & Sampson seeks ways to make active play accessible for all.

Our other recent active design efforts includes our work for the following playgrounds/spray parks:

- LoPresti Park in East Boston, Massachusetts
- Children's Park in Roxbury, Massachusetts
- Harambee Park in Dorchester, Massachusetts
- Fallon Field Park in Roslindale, Massachusetts

- Liberty Mutual Playground (Windhaven Park) in Plano, Texas
- John Harvard Mall in Charlestown, Massachusetts
- Lincoln Park in Somerville, Massachusetts
- Greenwood Park in Worcester, Massachusetts
- Coes Reservoir in Worcester, Massachusetts
- North Union Spray Park and Hibbert Street Park/Playground in Arlington, Massachusetts
- Children's Grove in Framingham, Massachusetts

5. Evidence of designing sustainable and long-lasting natural turf athletic fields.

Our specific experience includes assessing athletic/field amenities that provide critical outlets for athletic competition and enjoyment for youth and adult residents and visitors. Of significant importance to our approach is addressing the recreation needs for each community. Many communities' fields serve permitted sports leagues as well as less formal recreational pursuits, like a pickup game of soccer, basketball, baseball, or football. The athletic and recreation facilities must also serve the multi-generational population of the community. Therefore, Weston & Sampson develops specific, targeted plans that identify strategies for improving recreational and athletic opportunities for residents of all ages.

From single-sport fields to multi-sport complexes, our experienced staff ensures that every project meets the industry's specifications and standards and community expectations. Our comprehensive services include sports field/facility design; landscape architecture; civil/utility, geotechnical/structural/electrical/mechanical engineering; architecture; construction oversight; and more. In addition, all our designs achieve ADA compliance, and eligibility for federal, state, and local matching grants.

Our ability to design facilities in a pragmatic, feasible manner is demonstrated by the large number of projects we have successfully completed, and our propensity for continued service in the communities in which we work. To complement our athletic facility design capabilities, we prepare clear and accurate construction document packages that help to ensure that projects are successfully completed. And, at a time where there is tendency for consultants to delegate certain design and problem-solving tasks to contractors, we continue to solve all project challenges internally so that the quality of the delivered project can be assured and exposure to change orders can be limited. In addition, we maintain Sports Turf Managers Association (STMA) and American Sports Builders Association (ASBA) memberships and regularly attend their conferences.

Weston & Sampson's field experience and services include:

- Design and construction of individual fields through multi-sport complexes
- Field-type needs evaluation
- High performance natural grass and infill synthetic turf
- Stadium, bleacher, and restroom facility design
- Sports lighting systems
- Field renovation specifying & troubleshooting existing fields
- Irrigation design

For the athletic fields at Newman School in Needham, Weston & Sampson developed a highly technical approach to renovating the field complex with modified grading, amended soils, and extensive new drainage systems. To maximize the benefit of the field redesign and reconstruction efforts, the team worked with a wide array of project stakeholders to confirm preferences for field orientation and dimensions and the design of all ancillary facilities. Field improvements yielded two high-performing youth baseball diamonds and a multi-use/soccer field that supports use by elementary school students and a host of youth sports and recreation leagues.

The resulting natural grass surfacing system is eight inches of modified native soil with a sand-based root zone mix in the slit drains. Slit drains were installed 10 to 14 inches from the surface and installed with a Wizz Wheel Trencher. All three fields were sodded with 100% Kentucky Bluegrass, consisting of 30% P105 Kentucky Bluegrass, 20% Midnight Star Kentucky Bluegrass, 30% Bewitched Kentucky Bluegrass, and 20% Moonlight SLT Kentucky Bluegrass grown in a sandy loam soil. The fields are generally dry and playable right after a rain event and the improvements have yielded far fewer game and practice cancellations. The modified sandy loam helps to reduce turf compaction, enhances turf growth, and achieves safer playing conditions for athletes. **Our efforts were recognized as a 2017 American Sports Builders Association award-winning project in the multi-field category.**

6. Evidence in meeting scope, schedule and budget on former design projects.

Weston & Sampson frequently provides scope and cost estimates to assist clients with budgeting for upcoming engineering services associated with planning, evaluation, design, and construction projects. In addition to our design and construction expertise, Weston & Sampson also routinely provides project budgeting or cost estimating services on our projects, as appropriate for the project phase. We also closely track the results of construction bidding, and maintain an in-house database of costs, which are then applied to subsequent estimates. It should be noted that Weston & Sampson does not attempt to project the low bid for a project. We utilize our database of existing bids and estimate a reasonable cost for the project. This normally results in our estimates being in the middle of the bid range for a project. Our intention in doing this is to ensure that adequate funding is available for the entire project. An aggressive estimate can result in bids higher than the estimate and insufficient funds for a project.

Our cost estimating professionals have direct, relevant experience providing on-target cost estimating services to municipal clients as part of our sports and recreation design work. This in-house service helps our clients make informed decisions and leads to realistically appropriated, designed, and constructed projects. We offer the ability to prepare clear and accurate construction document packages, no matter how original or innovative the design concepts, to ensure projects are successfully completed and built to last while maintaining an average of 0-3% in change orders through installation.

In the following table, we offer evidence of our commitment to meeting scope, schedule, and budget on our design projects.

RESPONSE TO COMPARATIVE EVALUATION CRITERIA

Schedule & Budget Adherence Examples				
Project	Schedule		Budget	Cost Estimated / Actual
	Proposed	Actual		
LoPresti Park East Boston, MA	Final Phase Draft CD: March 2015 Bid: April 2015 Const. Begins: July 2015 Const. Complete: Spring 2016	Final Phase Draft CD: March 2015 Bid: April 2015 Const. Begins: July 2015 Const. Complete: Spring 2016	$1.5M	$1.54M / $1.59M
North Street Somerville, MA	CD: May 2013 Bids: June 2013 Const. Begins: September 2013 Const. Complete: June 2014	CD: May 2013 Bids: June 2013 Const. Begins: September 2013 Const. Complete: October 2014	$1,000,000	$966,000 / $985,000
Mayor Menino Park Charlestown, MA	Draft CD: May 2013 Bid: June 2013 Const. Begins: July 2013 Const. Complete: Spring 2014	Draft CD: May 2013 Bid: June 2013 Const. Begins: July 2013 Const. Complete: Spring 2014	$1.8M (*) *advertised value by the city, built at $3.2M	$2.2M / $3.2M (*) *owner added considerable project costs at their own discretion
Newman Conservation Area Needham, MA	Draft CD: January 2015 Bid: February 2015 Const. Begins: July 2015 Const. Complete: November 2015	Draft CD: January 2015 Bid: February 2015 Const. Began: July 2015 Const. Complete: April 2016	$2.28M	$2.28M / $2.28M

EUGENE BOLINGER, RLA

BACKGROUND

2004-Present
Vice President
Weston & Sampson

2000-2004
Landscape Architect
Weston & Sampson

1988-2000
Landscape Architect
Levy, Eldredge & Wagner Associates, Inc

1986-1988
Landscape Architect
Johannes H. Wagner Associates

1984-1986
Landscape Architect
Storch Associates

EDUCATION

1983
Master of Landscape Architecture
North Carolina State University

1981
Bachelor of Science
Environmental Design
University of Massachusetts

PROFESSIONAL REGISTRATION

Registered Landscape Architect
Massachusetts, No. 906
New York, No. 002213-1
Rhode Island, No. 174

PROFESSIONAL SOCIETIES

American Society of Landscape Architects

National Trust for Historic Preservation

Friends of the Boston Public Garden

As a vice president of Weston & Sampson, Gene currently manages more than two dozen municipal projects involving the reconstruction or restoration of city and town commons, parks, playgrounds, athletic facilities, open space properties, and urban design/streetscape corridors. During his more than 30-year career, he has successfully led master planning, final design, and construction administration efforts for multi-disciplinary park, recreation, and open space projects requiring expertise in landscape architecture, civil, structural, geotechnical and electrical engineering, architecture, metals and stone conservation, hazardous waste remediation, and environmental permitting.

For many of his projects, Gene has worked closely with the client to prepare the content for and execute the community outreach/public participation effort. This component of a project can be instrumental in generating constituent goodwill and fostering consensus among the various stakeholders.

SPECIFIC PROJECT EXPERIENCE

Warren and Waldstein Parks, Brookline, Massachusetts. Principal-in-charge for extensive public outreach efforts to craft renovation solutions for these two neighborhood parks to respond to the recreation and open space needs of the community. The designs incorporated a comprehensive restoration approach, including construction of a reoriented and reconfigured baseball field, tennis and basketball courts, park support building, playground, splash pad, stormwater management systems, and sports lighting, among other features.

LoPresti Park Improvements, East Boston, Massachusetts. Principal-in-charge for the design, permitting, and construction administration work for this waterfront park project, which involved constructing a state-of-the-art synthetic turf field (funded in large part by the United States Soccer Association), realigning pedestrian connections, rotating fields for game play and practice to allow for a more efficient use of the site, and positioning the most-used play elements for improved safety and access.

Improvements to Lincoln Park, Somerville, Massachusetts. Principal-in-charge for design services and landscape architecture improvements to the existing park, including open space improvements, active and passive play recreational features, athletic fields, educational opportunities, and a unique stormwater collection and management system.

Fallon Field Playground, Roslindale, Massachusetts. Principal for this playground improvement project. Responsibilities included planning, design, community outreach, and construction administration. Community input was a huge driver to create this unique and innovative playground space built into a hillside. This playground includes many non-traditional play elements, features universal accessibility throughout, and is home to the tallest slide structure in Boston.

North Union Spray Park and Hibbert Playground, Arlington, Massachusetts. Project principal for the development and presentation of separate park designs as part of a commission to re-imagine two public open spaces to meet the varied needs of the community and the distinct site conditions at each location. Also responsible for construction documents and construction administration.

Plains Park and Pine Street Playground Renovations, Portsmouth, New Hampshire. Principal-in-charge for park renovations involving collaboration with the city's Community Development Department.

Master Plan for Prescott Park, Portsmouth, New Hampshire. Principal-in-charge for the creation of a strategic master plan for Prescott Park and nearby Four Tree Island. Provided oversight for a thorough site analysis, an extensive public input and participation program, and development of a comprehensive master plan and facilities plan that identified achievable renovation and restoration strategies and solutions.

Albion and Grimmons Parks Improvements, Somerville, Massachusetts. Principal-in-charge for the master planning, construction document design, and community outreach process for two parks in different city neighborhoods, including multi-use courts, community gardens, splash pad areas, shaded seating plazas, and new play equipment.

Parks and Playgrounds Design, Boston, Massachusetts. Project manager for design, permitting, and construction of more than 30 Boston parks and playgrounds involving all major types of passive and active recreation facility restoration, refurbishment, and development. Oversaw improvements such as age-appropriate play areas, basketball, volleyball, and tennis courts; sports fields; water spray pads and features; park furnishings, pathway systems; parking areas; lighting and utility systems; and extensive landscaping.

Park Improvements Programs, Various Locations, Massachusetts. Lead designer for a 12-park improvements program in Fitchburg, responsible for coordinating the recreation offerings in each park to the prior "needs" analysis performed. Also directed dozens of schoolyard or neighborhood park improvement programs in Boston, Fitchburg, Lawrence, Bedford, Melrose, and other communities.

Coes Reservoir Park Master Plan & Design, Worcester, Massachusetts. Project principal/project manager for the development of a master plan and multiple phases of park improvements for public open space lands surrounding Coes Reservoir. Worked collaboratively with our environmental team on this project that involves cleanup of the former Coes Knife property and dam in conjunction with the park design.

Caldwell Street Neighborhood Playground, Fitchburg, Massachusetts. Project manager for the reconstruction of this playground, including rebuilding of a regulation size basketball court.

Danvers High School Athletic Complex, Danvers, Massachusetts. Principal-in-charge for the comprehensive design, engineering, and construction administration services for a new athletic complex including the primary synthetic turf field at the stadium, a competition-level track, bleachers for 2,600 spectators, lighting systems, scoreboard, a baseball field and multi-purpose field, tennis courts, and other sports and site support facilities/features.

JEANNE LUKENDA, ASLA

BACKGROUND

2017-Present
Senior Project Manager
Weston & Sampson

2016-2017
Senior Associate
Lombardi Design

2011-2015
Principal
IBI Group

1994-2011
Principal
Carol R. Johnson Associates

EDUCATION

Bachelor of Landscape Architecture
University of Guelph, Ontario

CERTIFICATION

Municipal VulnerabilityPreparedness (MVP) Certified Provider

PROFESSIONAL MEMBERSHIP

American Society of Landscape Architects

PROFESSIONAL AFFILIATIONS

AIA National Women's Leadership Summit, Co-Founding Group

American Society of Landscape Architects, National Board of Trustees

Boston Society of Architects Foundation, Institutional Advancement Committee

Boston Society of Architects Women Principals Group, Co-Chair

Boston Society of Landscape Architects, Executive Committee

Jeanne is a senior project manager with a diverse background in landscape architecture, planning, and urban design. Her leadership supports projects of various scales and complexities across multiple markets. Incorporating sound creative thinking from visioning through construction, she focuses on excellent client service and successful project delivery.

SPECIFIC PROJECT EXPERIENCE

Tacoma Street and Great Brook Valley Master Planning, Worcester, Massachusetts. Landscape designer for the development of a comprehensive study and master plan for the Tacoma Street and Great Brook Valley playgrounds to address citywide recreational needs. The project included a robust community involvement program. The master plan incorporated input from residents and organizations at public hearings. Our assessment included observations that both playgrounds are under-utilized and underserve the population in that part of the city. It also proposed construction of a synthetic turf field at the Tacoma Street Playground, a multi-purpose field at the Great Brook Valley Playground, and lighting at both fields.

Mill Brook Corridor and Wellington Park, Arlington, Massachusetts. Project manager of design services to revitalize the important linear corridor along Mill Brook and Wellington Park, as well as provide safe linkages to the Minuteman Bikeway and the adjacent streets. Project work includes site improvements, vegetation management planning, and bank restoration. Also responsible for leading a comprehensive community engagement program together with the town, the Mystic River Watershed Association (MyRWA), and the community.

Revitalization of Draw Seven Park, Massachusetts Department of Conservation and Recreation. Providing landscape design services for the revitalization of signature park along the banks of the Mystic River in Somerville, Massachusetts. Work includes providing urban design/landscape architecture, sustainability/resiliency, utility infrastructure, waterfront engineering, environmental permitting, architecture, facilities planning, public participation, and cultural resource planning services to redesign and revitalize this high-visibility waterfront space into a climate-resilient park.

Renovations to McConnell Park, Boston, Massachusetts. Project manager responsible for working with Boston Parks & Recreation Department to examine existing conditions at the open space resource in the Savin Hill neighborhood of Dorchester. Park renovations include updating the active/passive recreation amenities and incorporating sustainable and resilient designs to mitigate the park's location in a susceptible inundation zone.

Town Hall Plaza Improvements, Arlington, Massachusetts. Providing landscape architecture assistance/support for improvements to historic Town Hall Plaza. Efforts include establishing an important town gateway, safe and accessible pedestrian connections, carefully selected landscaping, and a vibrant public space for community events, as well as a comprehensive public engagement process.

Peddocks Island Management & Conceptual Development Plan, Boston Harbor Now. Team leader in support of the development of a master plan for improvements at this historic Boston Harbor Island. Project efforts include extensive site research, public engagement, and a sustainable model for redevelopment.

Municipal Park & Open Space Accessibility Assessment, Executive Office of Energy and Environmental Affairs, Chelsea, Fitchburg, Lawrence, and Worcester, Massachusetts. Project manager tasked with identifying 12 high-priority pubic parks/open spaces in the four Gateway Communities of Chelsea, Fitchburg, Lawrence, and Worcester through a robust public engagement process. In these Environmental Justice neighborhoods where residents often have unequal access to the local parks and open spaces that provide many health benefits including exercise, cooler summer environments, fresh air, and reduced stress, a detailed assessment of the pedestrian environment/experience within ½ mile of each of the 48 parks is underway. Funded through a new grant from the Massachusetts EOEEA, this project will ensure and/or improve pedestrian access that may be compromised for residents with mobility challenges, due to pedestrian obstructions or sidewalk conditions, or due to other unsafe environmental realities including adjacent vacant lots or the perception of unsafe conditions.

Ridge Hill Reservation & Nike Site Assessment, Needham, Massachusetts. Project manager responsible for coordinating with the Needham Conservation Commission and Board of Selectmen to conduct a study of the opportunities for passive and active recreation re-use at the Nike Property and a portion of the 223-acre Ridge Hill park. Through field reconnaissance and mapping, established existing conditions and identified environmental constraints, as well as pertinent site features and characteristics. Efforts included a study of the utility infrastructure as it pertained to property build-out options preliminarily identified using existing Town Zoning Regulations. Critical considerations included Article 97 implications (no net loss of conservation land) and an emphasis on creating environmentally sensitive and sensible mobility connections.

Snake Den State Park Master Plan, Rhode Island Department of Environmental Management, Johnston, Rhode Island. Managed the master planning of Snake Den State Park, 1,100 acres of largely undeveloped land with a historic working farm and DEM administrative buildings. Developed a concept design that incorporated passive and active recreation elements, including a spray park, playground, playfields, picnic areas, a competition cross-country running course, a rock climbing gorge, and trails for hiking, horseback riding, mountain biking. Studied the possibility of a commercial water park as part of the program. (with previous employer)

BRANDON KUNKEL, RLA

BACKGROUND

2018-Present
Team Leader
Weston & Sampson

2017-2018
Project Manager
Weston & Sampson

2014-2017
Landscape Architect
Weston & Sampson

2012-2014
Landscape Architect
Copley-Wolff Design Group

2012
Landscape Architect
The Cecil Group

2011-2012
Landscape Architect
Independent Consulting

2007-2011
Landscape Architect/Associate
DLR Group

2005-2007
Landscape Designer
Geller Devellis Inc.

2003-2005
Assistant Landscape Designer
Mia Lehrer and Associates

2001-2003
Assistant Landscape Designer
Geller Associates

EDUCATION

2001
Bachelor of Landscape Architecture
University of Rhode Island

PROFESSIONAL REGISTRATION

Registered Landscape Architect:
Massachusetts No. 4040

PROFESSIONAL SOCIETIES

American Society of Landscape Architects (ASLA, BSLA)

Council of Landscape Architecture Registration Board (CLARB)

Brandon is a landscape architect with more than 15 years of experience in innovative design and master planning. His areas of expertise include urban parks, natural resource conservation and rehabilitation, academic and corporate campuses, and high-density mixed-use urban developments. He has managed projects associated with planning land use area development, including work with sensitive and complex issues related to environmental concerns, sustainability, and historic preservation. Brandon routinely collaborates with public officials, state agencies, and external consultants on multiple projects concurrently.

SPECIFIC PROJECT EXPERIENCE

Langone Park & Puopolo Playground, Boston, Massachusetts. Project manager responsible for working with the Boston Parks and Recreation Department to develop final designs and obtaining permits for the complete refurbishment of this signature waterfront park in Boston's historic North End. The recreational lifeline for Boston's most densely developed community, the park also provides a critical link within Boston's HarborWalk network. Design efforts include lighting, benches, interpretive signage conveying the unique historical and environmental heritage of this site, and coastal resilient strategies.

Improvements to LoPresti Park, East Boston, Massachusetts. Provided design, permitting, and construction administration work for this Boston Parks and Recreation Department project, which involved construction of a state-of-the-art synthetic turf field (funded in large part by the United States Soccer Association), realigning pedestrian connections, rotating fields for game play and practice to allow for a more efficient use of the site, and positioning the most-used elements of play for improved park safety and access.

Improvements to Buzzards Bay Park, Bourne, Massachusetts. Project manager responsible for improvements to Buzzards Bay Park, a signature waterfront park located on the Cape Cod Canal. Led the planning, design, and construction of park improvements including a splash pad, pathways/connections, landscaping/plantings, seating areas, and a picnic/gathering pavilion, among other amenities and enhancements.

Improvements to Lincoln Park, Somerville, Massachusetts. Landscape architect for design/landscape architecture services for the existing park, including open space improvements, active and passive play recreational features, athletic fields, educational opportunities, carefully curated planting selection, and a unique stormwater collection and management system. Project work also included a comprehensive public participation program, including a detailed visual representation effort, and construction administration services.

Harambee Park Master Plan, Boston Parks and Recreation Department, Dorchester, Massachusetts. Landscape architect for the master planning of Harambee Park, one of the city's largest open space assets. Efforts included inventory and analysis of all park features, identification of deficiencies and

safety hazards, soil and survey analysis, circulation analysis, athletic facilities assessment and recommendations, vegetation enhancement and management recommendations, a public participation/communication program, and a detailed construction cost estimate for the final recommended improvements.

Weir Riverfront Park (former FB Rogers site), Taunton, Massachusetts. Worked with Weston & Sampson's in-house licensed site professionals, engineers, and permitting specialists to fully integrate the design of Weir Riverfront Park with the site cleanup strategy for the former FB Rogers site. Created the new park on the edge of the Taunton River, adding to the city's open space system.

Improvements to John Harvard Mall, Boston Parks and Recreation Department, Charlestown, Massachusetts. Provided landscape architecture and design services related to the historic restoration and improvements to this urban park and plaza, including entry areas, pathways, sitting areas, and a playground. This project involved a rigorous public engagement process, ADA compliance/accessibility accommodations, tree preservation, and sustainable design solutions.

Redevelopment of Riverfront Park, Springfield, Massachusetts. Landscape architect for the development of renovation/restoration strategies as part of a master plan for this riverfront property, including park upgrades and infrastructure improvements. Plans for redevelopment of the park include universal accessibility; site/pedestrian access and connectivity; horticultural and landscaping; an interactive water feature; and improvements to signage, performance spaces, lighting, and utility connections.

Children's Park Improvements, Boston Parks and Recreation Department, Roxbury, Massachusetts. Landscape architect for the renovation of and updates to the current Children's Park, which involved acquisition of two vacant properties, expansion of the site, inclusion of multi-generational park amenities, and a significant community participation component. Design efforts included park layout/design, equipment selection, site-specific vegetation/plantings, and development of before/after site imagery for use in community outreach/involvement efforts.

South Mill Pond Courts and Leary Field Lighting, Portsmouth, New Hampshire. As assistant project manager, coordinated the preparation of final design documents for the refurbishment of six tennis courts and two basketball courts, including the addition of court lighting. Work also included retrofitting sports field lighting at Leary Field in the park.

Improvements to the Public Garden, Boston, Massachusetts. Provided landscape architecture support for improvements at the historic Public Garden, including site design/improvements and historic preservation/restoration.

Merrymount Park Master Plan, Quincy, Massachusetts. Developed a master plan to increase utilization of this 80-acre city park located along the coast. Conducted an analysis and evaluation of the park amenities and resources. Identified key locations for amenities such as boardwalk access to islands in Back's Creek and for view corridors to capitalize on the park's natural beauty. Other elements included refurbishment of walking/hiking trails, new playgrounds, athletic fields, and gateways to the park. Phase 1 of the master plan, which includes boardwalks through tidal wetlands, is under design. (with previous employer)

CHERI RUANE, RLA

BACKGROUND

2015-Present
Vice President | Practice Leader
Weston & Sampson

2006-2015
Practice Leader | Senior Associate
Weston & Sampson

2005-Present
Visiting Lecturer and Studio Instructor
Harvard Graduate School of Design

2001-2006
Senior Landscape Architect
Jacques Whitford Company, Inc.

1999-2001
Summer Intern
Carol R. Johnson Associates

1995-1999
Assistant Project Manager
Boston Parks and Recreation Department

EDUCATION

2001
Master of Landscape Architecture
Harvard University
Graduate School of Design

1995
Bachelor of Science, *cum laude*
Landscape Architecture
University of Massachusetts

PROFESSIONAL REGISTRATION

Registered Landscape Architect:
Massachusetts No. 1220
New Hampshire No. 012
New York No. 002211-1
Florida No. 6667031
South Carolina No. LSA 1336
Colorado No. LA.0001152

CLARB Certified

PROFESSIONAL AFFILIATIONS

American Society of Landscape Architects
Boston Society of Landscape Architects, President

Cheri is a registered Landscape Architect with 20 years of experience in multi-disciplinary project management, community engagement, construction administration, and business development. She has special expertise with socially and politically complex site design projects and facilitating public participation. The combination of managing projects from the perspective of the owner, while working for the City of Boston, as well as supporting clients as a consultant, has given Cheri a unique understanding of how best to manage complex projects and work in close coordination with various stakeholders.

Cheri understands that urban landscapes require a creative approach to design integration. From coordinating the goals of owners and stakeholders to choosing appropriate construction materials, these places have complicated contexts that need to be carefully addressed in order for the end result to be successful.

Community outreach as well as owner-interface presentations throughout design process are integral to all of Cheri's projects. While at Boston Parks, she involved the residents and neighborhood children in the design of the playground projects she managed. During her graduate studies at Harvard, she continued her participatory design research. There, she developed a series of design workshops for school-aged children that involved them in the design of their schoolyards and neighborhoods. As a practice leader and vice president at Weston & Sampson, Cheri continues to evolve presentation strategies that engage and inspire stakeholders of all ages.

SPECIFIC PROJECT EXPERIENCE

Warren and Waldstein Parks, Brookline, Massachusetts. Project manager for extensive public outreach efforts to craft renovation solutions for these two neighborhood parks to respond to the recreation and open space needs of the community. The designs incorporated a comprehensive restoration approach, including construction of a reoriented and reconfigured baseball field, tennis and basketball courts, park support building, playground, splash pad, stormwater management systems, and sports lighting, among other features.

Improvements to Lincoln Park, Somerville, Massachusetts. Project manager for design services and landscape architecture improvements to the existing park, including open space improvements, active and passive play recreational features, athletic fields, educational opportunities, and a unique stormwater collection and management system.

Children's Park Improvements, Boston Parks and Recreation Department, Roxbury, Massachusetts. Team leader for the renovation of and updates to the current Children's Park, which involved acquisition of two vacant properties, expansion of the site, inclusion of multi-generational park amenities, and a significant community participation component. Design efforts included park layout/design, equipment selection, site-specific vegetation/plantings, and development of before/after site imagery for use in community outreach/involvement efforts.

PRESENTATIONS

April 2015
"Redesigning Our Parks to Meet the Changing Needs for All," presented at New York State Recreation and Park Society Conference

October 2014
"Moving Beyond A/E to Achieve an Integrated Practice" and "Park and Parcel: Boston's First Universally Inclusive Public Open Space," presented at Boston Society of Architects

November 2012
"Zube Lecture-Multi-Disciplinary Practices," presented at UMass Amherst

November 2011
"Remediation and Design in the Urban Landscape," presented at Build Boston Conference and Harvard School of Design

"

North Union Spray Park and Hibbert Playground, Arlington, Massachusetts. Project manager for the development and presentation of separate park designs as part of a commission to re-imagine two public open spaces to meet the varied needs of the community and the distinct site conditions at each location. Also responsible for construction documents and construction administration.

Mayor Thomas M Menino Park, Charlestown, Massachusetts. Project manager for the redevelopment of the contaminated Parcel 5 into this new, highly successful waterfront park—the first universally inclusive park and playground in Boston. Addressed ADA accessibility/compliance issues, developed an extensive public engagement program, helped establish a public-private partnership for park maintenance, and completed the project—from conceptual design to park opening—within an accelerated schedule. The park also includes an accessible harborwalk with informational signage, spectacular views of the city and the water, and resilient designs to accommodate sea level rise.

Master Plan for Prescott Park, Portsmouth, New Hampshire. Project manager for the creation of a strategic master plan for Prescott Park and nearby Four Tree Island. Performed a thorough site analysis, conducted an extensive public input and participation program, and developed a comprehensive master plan and facilities plan that identified achievable renovation and restoration strategies and solutions.

Mill Brook Corridor and Wellington Park, Arlington, Massachusetts. Principal-in-charge of design services to revitalize the important linear corridor along Mill Brook and Wellington Park, as well as provide safe linkages to the Minuteman Bikeway and the adjacent streets. Project work includes site improvements, vegetation management planning, and bank restoration. Also responsible for leading a comprehensive community engagement program together with the town, the Mystic River Watershed Association (MyRWA), and the community.

Redevelopment of Riverfront Park, Springfield, Massachusetts. Project manager for the development of renovation/restoration strategies as part of a master plan for this riverfront property, including park upgrades and infrastructure improvements. Plans for redevelopment of the park include universal accessibility; site/pedestrian access and connectivity; horticultural and landscaping; an interactive water feature; and improvements to signage, performance spaces, lighting, and utility connections.

Coes Reservoir Park, Worcester, Massachusetts. Team leader/landscape architect for the development of a master plan and multiple phases of park improvements for public open space lands surrounding Coes Reservoir. Worked collaboratively with our environmental team on this project that involves cleanup of the former Coes Knife property and dam in conjunction with the park design.

Restoration of John Harvard Mall, Charlestown, Massachusetts. Project manager/team leader for the development of a master plan and design for the restoration of this historic park/plaza in the Charlestown neighborhood. The project included a robust community involvement program, new pavement treatments, an inclusive playground, accessible routes through the site, a redesigned park entrance, and sustainable design solutions.

MICHAEL MOONAN, RLA, LEED®AP

BACKGROUND

2015-Present
Team Leader
Weston & Sampson

2005-2014
Project Manager
Weston & Sampson

2004-2008
Part-time Faculty Member
Site Engineering, Technology, & Materials I
Rhode Island School of Design

2001-2005
Senior Landscape Architect
Diversified Technology Consultants, Inc.

1997-2001
Landscape Architect
Gates, Leighton & Associates, Inc.

1996-1997
Teaching Assistant
Rhode Island School of Design

1986-1994
President/Landscape Designer
M.S. Moonan Landscaping, Inc.

EDUCATION

1997
Master of Landscape Architecture
Rhode Island School of Design

1989
Bachelor of Science
General Business Administration
University of Rhode Island
Kingston, Rhode Island

PROFESSIONAL REGISTRATION

Registered Landscape Architect:
Massachusetts No. 1392

Rhode Island No. 334

LEED® Accredited Professional

LEED® AP Building Design & Construction

PROFESSIONAL SOCIETIES

American Society of Landscape Architects

American Sports Builders

Mike is a registered landscape architect with more than 20 years of experience in landscape architecture and the landscape maintenance industry. His creative approach to landscape design includes the planning and design of school facilities, athletic fields, parks, streetscapes, and business parks, as well as site design for international resorts and hotels. Mike has managed all aspects of projects from master planning and conceptual design to construction document preparation, specification preparation, and construction administration through to final completion. His project design and management skills, along with his hands-on experience, makes Mike an asset to any design team.

SPECIFIC PROJECT EXPERIENCE

Warren and Waldstein Parks, Brookline, Massachusetts. Provided support for the athletic field design tasks for project to craft renovation solutions for these two neighborhood parks to respond to the recreation and open space needs of the community. The final designs incorporated a comprehensive restoration approach, including construction of a reoriented and reconfigured baseball field, tennis and basketball courts, park support building, playground, splash pad, stormwater management systems, and sports lighting, among other features.

Greenwood Park Master Plan, Worcester, Massachusetts. Provided master plan design services for improvements to Greenwood Park that include water-based recreational features, as well as many other park improvements.

Field & Playground Master Plan, Upper Falls & Highlands Parks, Newton, Massachusetts. Project manager for the master plan, its purpose was to provide a preferred site improvements plan that reflects the needs of two diverse communities. The plan serves as a guide for future development of this park, as well as a tool to secure funding from various private, city, state, and federal sources. Weston & Sampson collaborated with the Parks & Recreation Department to develop conceptual and final "Preferred" master plans for both properties. These were generated in response to the needs of the city as expressed by various community representatives at a series of public hearings and through the issuance of a comprehensive Park User Survey.

LoPresti Park Improvements, Boston Parks and Recreation Department, East Boston, Massachusetts. Provided design, permitting, and construction administration for this project included construction of a state-of-the-art synthetic turf field funded in large part by the United States Soccer Association, realigning pedestrian connections, rotating fields for game play and practice to allow for a more efficient use of the site, and positioning the most-used elements of play for improved park safety and access.

Lincoln Park, Somerville, Massachusetts. Provided technical assistance for the development and refinement of the Lincoln Park design throughout the public participation and construction documentation phases.

Association

National Trust for Historic Preservation

Sports Turf Managers Association, ASTM Technical Committee

PRESENTATIONS

September 2015
"Planning for the Future: Master Planning Park and Recreation Facilities"
New England Park Association Conference

January 2011
"21st Century Parks & Recreation Design," Northern New England Conference

March 2010
"Designing and Building Rain Gardens," Massachusetts Association of Landscape Professionals

CIVIC

St. Mary Academy Bay View, Riverside, Rhode Island - Member, Building and Grounds Committee

William Hall Free Library, Edgewood, Rhode Island - Member Board of Trustees
Buildings and Grounds Co-Chair

Pawtuxet Village Association

Pawtuxet River Watershed Council

Crompton Park Comprehensive Master Plan Project, Worcester, Massachusetts. Project manager for providing a comprehensive master plan for the 15-acre property, including significant public participation. The project included improved recreational facilities (courts, fields, playgrounds); improved park aesthetics; active and passive recreation options; a cleaner, safer, and "greener" park; improved access and circulation; and ADA compliance.

Cushing Memorial Park Master Plan, Framingham, Massachusetts. Project manager for the design, permitting, and construction for phases 2 and 3 of this 80-acre passive recreation park, which includes a new access road and parking facilities. Weston & Sampson is currently assisting the town with implementation of the resultant Master plan.

Nipper Maher Playground Improvements, Waltham, Massachusetts. Project manager for multiple phases of improvements to this important park and open space facility. Site improvements have included concession building renovations, major baseball and Little League field improvements, the installation of bleacher systems with shade shelters, pathway systems, park landscaping, and the placement of a variety of site furnishings and amenities throughout the property.

JJ Lane Park, Natick, Massachusetts. Project landscape architect for the development of a new neighborhood park and playground that involved the creation of a children's play area with seating/shelter, loop pathways, a small park support structure, new parking areas, innovative stormwater management techniques, a pedestrian bridge, and a variety of other passive and active recreational elements.

Field and Park Master Plan, Natick, Massachusetts. Project manager for the development of a town-wide master plan for parks/recreation, open space, and athletic fields/facilities in the Town of Natick.

Parks and Recreation Projects, Fitchburg, Massachusetts. Project manager for Park Hill Park Tennis Court Renovation and assisted with the various city-wide park improvements and implementation of a "needs" analysis, including Coolidge Park master planning.

Comprehensive Park and Recreation Open Space Plan, Hanover, Massachusetts. Project manager responsible for assessing current Parks & Recreation Committee properties and other town sites that provide recreational resources to residents of the community.

Recreation and Athletic Facility Master Plan, Wilbraham, Massachusetts. Project manager responsible for evaluating the town's recreational needs, assessing eight recreational sites, and proposing improvement opportunities to the town.

Plains Park Master Plan Development, Portsmouth, New Hampshire. Provided landscape architecture for the master plan, including streetscape / park edge improvements, defined park entrances, improved accessible pedestrian circulation, a perimeter walking path, a new tot lot, new parking areas with carefully directed traffic patterns that separate pedestrians from cars, and reinforced turf beyond the ballfield fence to accommodate overflow parking.

CASSIDY CHROUST, RLA

BACKGROUND

2017-Present
Project Landscape Architect
Weston & Sampson

2014-2017
Landscape Architect II
Weston & Sampson

2012-2014
Landscape Designer
Landworks Studio

2012
Landscape Design Intern
Hargreaves Associates

2011-2012
Landscape Design Intern
Boston Parks/Urban Wilds/Student Conservation Association

2011
Design+Build Intern
Sol LeWitt Summer House

2010
Landscape Design Intern
Weston & Sampson

EDUCATION

2012
Master of Landscape Architecture
Rhode Island School of Design

2001
Bachelor of Arts
Economics
Denison University

PROFESSIONAL REGISTRATION

Registered Landscape Architect
Massachusetts No. 4236

Cassidy is a landscape architect in the firm's design program. His background includes schematic design plans, design development, construction documentation, and project management. He has developed designs through a variety of mediums, including hand sketches, AutoCAD, digital graphics, and model making.

SPECIFIC PROJECT EXPERIENCE

Improvements to Lincoln Park, Somerville, Massachusetts. Landscape designer for design services and landscape architecture improvements to the existing park, including open space improvements, active and passive play recreational features, athletic fields, educational opportunities, and a unique stormwater collection and management system.

Improvements to LoPresti Park, Boston Parks and Recreation Department, East Boston, Massachusetts. Design, permitting, and construction administration work for this project, which included realigning pedestrian connections, rotating fields for game play and practice to allow for a more efficient use of the site, and positioning the most-used elements of play for improved park safety and access. Also worked on the initial conceptual design for a fountain plaza in the park.

Conservation Area, Outdoor Classroom, Boardwalk, and Sports Field Upgrades and Improvements, Needham, Massachusetts. Landscape designer for the proposed accessible trail, boardwalk, and outdoor classroom for the Eastman Conservation Area at Newman Elementary School in Needham.

Improvements to Parkhill Park, Fitchburg, Massachusetts. Landscape designer for the development of state-of-the-art play facilities and the restoration of passive wetland resource areas within this dramatic 50-acre Works Progress Administration (WPA)-era park. The playground and water spray park improvements added to the range of existing facilities at this regional park. Improvements also included storm drainage and a renovated bathhouse.

First & Railroad Street Park/Playground, Fitchburg, Massachusetts. Landscape designer for renovations to this important community park. Upgrades included benches, picnic areas, pathways, plantings, informational signage, and a basketball court. Coordinated our efforts in partnership with the Montachusett Opportunity Council, a local community group.

Robbins Farm Field Renovations, Arlington, Massachusetts. Project manager responsible for providing schematic design, design development, construction documents, bid phase services, and construction administration for upgrades and improvements to Robbins Farm Park. Project included a comprehensive community outreach and engagement component.

Improvements to Byram Park, Greenwich, Connecticut. Provided landscape architecture assistance as part of the design and engineering of a new park and public outdoor pool facility with a large zero-depth entry pool with lap lanes, splash pad, and kiddie pool to replace an outdated facility on the site.

Coes Reservoir Park, Worcester, Massachusetts. Provided landscape architecture services for the development of a master plan and multiple phases of park improvements for public open space lands surrounding Coes Reservoir. Worked collaboratively with our environmental team on this project that involves cleanup of the former Coes Knife property and dam in conjunction with the park design.

Children's Park Improvements, Boston Parks and Recreation Department, Roxbury, Massachusetts. Provided landscape design services to renovate and update the current Children's Park, which involved acquisition of two vacant properties, expansion of the site, inclusion of multi-generational park amenities, and a significant community participation component.

Nipper Maher Playground Improvements, Waltham, Massachusetts. Provided landscape architecture assistance for Phase 6 of a multi-phase improvement project at this important park and open space facility. Site improvements included concession building renovations, major baseball and Little League field improvements, installation of bleacher systems with shade shelters, pathway systems, park landscaping, and the placement of a variety of site furnishings and amenities throughout the property.

Institute Park Comprehensive Master Plan, Worcester, Massachusetts. Provided landscape architecture assistance for the construction administration phase resulting from the comprehensive master plan for this important property adjacent to Worcester Polytechnic Institute (WPI), including significant public participation. The project included improved performance facilities; improved park aesthetics; active and passive recreation options; edge improvements; utility system upgrades; a cleaner, safer, and "greener" park; improved access and circulation; and ADA compliance.

Worcester Common Restoration, Worcester, Massachusetts. Landscape architect for the $5 million restoration of historic Worcester Common, located downtown adjacent to the historic high-empire style Worcester City Hall. Provided landscape architect support for the reestablishment of historic pedestrian linkages and entrances; enhancement of the site's monuments, memorials, and burial grounds; expansion of green space; and new amenities for civic and cultural events and activities.

New High School Athletic Complex, Danvers, Massachusetts. Landscape designer for the comprehensive design, engineering, and construction administration of a new athletic complex at Danvers High School. Developed the design of new state-of-the-art athletic facilities at the high school property, including the primary synthetic turf field at the stadium, a competition-level track, bleachers for 2,600 spectators, lighting systems, scoreboard, baseball field and multi-purpose field, tennis courts, and other sports and site support facilities/features.

Harambee Park Master Plan, Boston Parks and Recreation Department, Dorchester, Massachusetts. Landscape designer for the master planning process of Harambee Park, one of the city's largest open space assets, to establish a strategic road map for improvements that will enhance the park's use and users' enjoyment.

AMANDA GAAL, CPSI

BACKGROUND

2018-Present
Landscape Architect II
Weston & Sampson

2014-2018
Site Designer
Weston & Sampson

2013
Co-Op Landscape Architect
Weston & Sampson

2012-2013
Office Assistant
University of Rhode Island
Department of Landscape Architecture

2012-2013
Golf Grounds Crew
Tournament Players Club

EDUCATION

2014
Bachelor of Science
Landscape Architecture
University of Rhode Island

CERTIFICATIONS

Certified Playground Safety Inspector

PROFESSIONAL ASSOCIATIONS

American Society of Landscape Architects (ASLA)

Amanda is a site designer in the firm's landscape architecture group. She excels in hand rendering, computer rendering, fine level detail work, and creation of construction drawings in CAD.

SPECIFIC PROJECT EXPERIENCE

Greenwood Park, Worcester, Massachusetts. Assisted with the compilation of the construction documents for Greenwood Park, including water-based recreational features and many other park improvements.

Holmes Field, Worcester, Massachusetts. Assisted with the compilation of the construction documents and graphics for Holmes Field, which includes water-based recreational features, two tennis courts, a roller hockey rink, and a baseball field.

Institute Park Improvements, Worcester, Massachusetts. Assisted with the compilation of construction documents for Institute Park improvements, including a new walking path, park entrances, and tennis courts.

Spectacle Pond Park, Wilbraham, Massachusetts. Assisted in the preparation of master plan graphics for work at Spectacle Pond Park, which includes two basketball courts, two softball fields, a baseball field, a multi-use field, addition to the parking area, a splash pad, a pavilion, and a beach area with a boardwalk.

New Splash Pad, Leland Park, Woburn, Massachusetts. Assisted the lead aquatics engineer in drafting construction documents for the renovation of an existing pool and a new splash pad at Leland Park. Final documents included site piping, drainage, filter room design, and layout design work.

Various Park and Field Improvements, Worcester, Massachusetts. Assisted with multiple park and field improvement tasks including work at Crompton Park, Green Hill Park, Ty Cobb Field, and Worcester Common.

Comprehensive Master Plan for Crompton Park, Worcester, Massachusetts. Landscape designer for a comprehensive master plan for a 15-acre property, including significant public participation. Addressed improved recreational facilities (courts, fields, playgrounds); improved park aesthetics; active and passive recreation options; a cleaner, safer, and "greener" park; improved access and circulation; and ADA compliance.

Newton Upper Falls & Highlands Fields/Playground Master Plan, Newton, Massachusetts. Provided landscape design services for a site improvement plan that reflects the needs of two diverse communities and serves as a guide for all future park development and as a tool to secure funding from various sources.

Harambee Park Master Plan, Boston Parks and Recreation Department, Dorchester, Massachusetts. Landscape designer for the master planning process of Harambee Park, one of the city's largest open space assets, to establish a strategic road map for improvements that will enhance the park's use and users' enjoyment. Efforts included inventory and analysis of all park features, identification of deficiencies and safety hazards, soil and survey analysis, circulation analysis, athletic facilities assessment and recommendations, vegetation enhancement and

management recommendations, and a detailed construction cost estimate for the final recommended improvements.

Cushing Park Improvements, Framingham, Massachusetts. Assisted the project manager in the preparation of the construction documents for improvements to this 80-acre park, including a new access road, parking facilities, and passive recreation areas.

Boston Common Master Plan, Boston Parks and Recreation Department, Boston, Massachusetts. Landscape designer for the master plan addendum to the Boston Common Management Plan completed in June 1996. Examined design guidance related to pathways and pathway edges to achieve consistent, high-quality, cost-effective, and sustainable design protocols with each new capital expenditure. Focused on the recording of physical conditions related to pathway surfacing and pathway edges, including bordering lawns and bench installations.

Boston Common Pathway Redevelopment, Boston, Massachusetts. Worked on the design, layout, and phasing of pathway redevelopment within the Common, prioritizing both accessibility and historic preservation.

Conservation Area, Outdoor Classroom, Boardwalk, and Sports Field Upgrades and Improvements, Needham, Massachusetts. Landscape designer for the athletic fields (baseball and multi-use), accessible trail, boardwalk, and outdoor classroom for the Eastman Conservation Area at Newman Elementary School.

Athletic Facility Improvements, Danvers, Massachusetts. Assisted with athletic facility improvements at the high school in Danvers. Responsibilities included providing site design services, graphics, construction documents, and bid assistance.

Blackstone Valley Technical High School Athletic Field Improvements, Upton, Massachusetts. Assisted in the preparation of the construction documents for improvements to the athletic fields at the high school. Focused on site grading and irrigation, and assisted with the project bidding process.

Lambeau Field Green Bay, Wisconsin. Assisted the lead aquatics engineer in drafting the construction documents for the new whirlpool spa and cold therapy pool at Lambeau Field. Final documents included site piping, drainage, and layout design work.

Golf Course Maintenance, Tournament Players Club, Norton, Massachusetts. Member of the grounds crew for the 2012 and 2013 golf season at the Tournament Players Club and the Deutsche Bank Championship tournament, responsible for the care, maintenance, and design of fairways, greens, and decorative plantings.

EVAN ANDRIKOS

BACKGROUND

2018-Present
Landscape Architect II
Weston & Sampson

2014-2018
Site Designer
Weston & Sampson

2013
Landscape Architecture Co-Op
Weston & Sampson

2012
Landscape Architect
Intern
Gates Leighton
and Associates

2012
Landscape Architect
Intern
Activitas, Inc.

2009
Landscape Architect
Intern
Adams
Enterprises Land Design and
Construction

EDUCATION

2010
Bachelor of Architecture
Landscape Architecture
University of Rhode Island

Evan is a site designer in the firm's landscape design program as part of the Sports and Recreation Group. He is knowledgeable in landscape architecture design and construction, community/environmental planning, community design, and plant identification. He is proficient in AutoCAD, Civil 3D, GIS, Adobe Photoshop, Google SketchUp, and related design program

SPECIFIC PROJECT EXPERIENCE

LoPresti Park, Boston, Massachusetts. Assisted the project manager in the preparation of the construction documents for this Boston Parks and Recreation Department project. Focused on the grading and drainage of the artificial turf fields.

Look Park Willow Lake, Northampton, Massachusetts. Assisted the project manager in the preparation of construction documents for Look Park Willow Lake improvements, including the construction of a new shade shelter, two athletic fields, and parking facilities.

Spectacle Pond Recreation Area and Splash Pad, Wilbraham, Massachusetts. Assisted the project manager in the preparation of the construction documents for Spectacle Pond and splash pad improvements, including two basketball courts, two softball fields, a baseball field, a multi-use field, an addition to the parking area, a splash pad, a pavilion, and a beach area with a boardwalk.

Comprehensive Athletic Fields Study & Plan, Barnstable, Massachusetts. Landscape architect for the development of a town-wide strategic plan aimed at delivering higher performing sports and recreation facilities to residents.

Various Park/Field Improvements, Worcester, Massachusetts. Assisted the project manager with multiple park/field improvement tasks, including work at Greenwood Park, Crompton Park, Green Hill Park, Ty Cobb Field, Institute Park, and Worcester Common.

Ninigret Park Master Plan, Charlestown, Rhode Island. Assisted the project manager in the preparation of a comprehensive master plan report for Ninigret Park, which features eight tennis courts, basketball courts, soccer fields, a 9/10-mile bicycle course, a playground, a pond/beach area, and a pavilion.

Town-Wide Parks Master Plan, Warren, Rhode Island. Landscape designer responsible for the development of a town-wide master plan for the open space and park facilities in town.

Boston Common Master Plan, Boston Parks and Recreation Department, Boston, Massachusetts. Landscape designer for the master plan addendum to the Boston Common Management Plan completed in June 1996. Examined design guidance related to pathways and pathway edges to achieve consistent, high-quality, cost-effective, and sustainable design protocols with each new capital expenditure. Focused on the recording of physical conditions related to pathway surfacing and pathway edges, including bordering lawns and bench installations.

Athletic Field Master Plan, Kittery, Maine. Landscape designer for the development of a town-wide master plan to provide improved field-based recreational and athletic opportunities to all residents. The plan focused on six separate town-owned, -operated, and -managed sites and work included a needs assessment, comprehensive community outreach, and development of cost estimates and phasing strategies.

Recreation & Parks Master Plan, Biddeford, Maine. Site designer for the development of a city-wide master plan for 20 public, city-controlled and operated outdoor playing field venues located at nine properties to serve as a guide for the future development of park and recreation amenities, as well as a tool to secure funding from various sources.

Park and Field Study, Natick Massachusetts. Assisted the project manager with a park and field study. Responsibilities included exploring over 30 sites for possible site development.

Cushing Park Phase 5 Improvements, Framingham, Massachusetts. Assisted the project manager in the preparation of the construction documents for improvements to this 80-acre park, including a new access road, parking facilities, and passive recreation areas.

Sandy Beach Park Renovation, Hopkinton, Massachusetts. Assisted the project manager in the preparation of the construction documents for this project, which included renovation to the beach, a public restroom facility, and playground improvements.

Blackstone Valley Technical High School Athletic Field Improvements, Upton, Massachusetts. Assisted the project manager in the preparation of the construction documents for improvements to the athletic fields at Blackstone Valley Technical High School. Focused on site grading and irrigation, and assisted with the project bidding process.

Rosenfield Park Field Renovation Improvements, Milford, Massachusetts. Assisted the project manager in the preparation of the construction documents for field renovations at Rosen Field Park.

Cochituate Rail Trail, Framingham, Massachusetts. Landscape designer for the design and development of construction documents for a 1.25-mile fully accessible multi-use trail along an abandoned former MBTA rail bed. Work included the construction of a pedestrian/bicycle trail from Route 30 (adjacent to the future Natick Rail Trail), crossing multiple driveways and two bridges over the Cochituate Brook before connecting to School Street.

MICHAEL EASLER, RLA, CPSI

BACKGROUND

2018-Present
Project Landscape Architect
Weston & Sampson

2013-2018
Landscape Architect
Weston & Sampson

2012-2013
Interpretive Ranger and Historic Researcher
National Park Service

2011
Modeling Consultant for Local Office Landscape Architecture, as well as Harvard Professor Jane Hutton

2011
Intern
Michael Van Valkenburgh and Associates

2011
Labor and Prairie Restoration Foreman
Willow Lake Farm

2006
Environmental Research Assistant
California Institute of Technology

EDUCATION

2013
Master in Landscape Architecture
Harvard University

2010
Bachelor of Environmental Design
Sustainable Studies Concentration
University of Minnesota

PROFESSIONAL CERTIFICATION

Registered Landscape Architect
Massachusetts, No. 4221

Certified Playground Safety Inspector (CPSI) No. 33340-1218

HONORS & AWARDS

2008
Engineering Design for the Developing World Contest Winner

Michael is a landscape architect with specialized skills in 3-D modeling and visual representation. He is also experienced in native landscape planting, environmental research, construction detail development, and playground safety systems.

SPECIFIC PROJECT EXPERIENCE

Warren and Waldstein Parks, Brookline, Massachusetts. Supported the design team in leading extensive public outreach for these two neighborhood parks to craft renovation solutions that would respond to the recreation and open space needs of the community. Assisted with initial design conceptions, construction document production, and presentation graphics for public meetings.

Lincoln Park, Somerville, Massachusetts. Provided design and construction services for the development and refinement of the Lincoln Park design throughout the public participation and construction documentation phases. Also assisted with the on-site layout of materials and patterns for the school yard and playground areas. Work at the park included open space improvements, active and passive play recreational features, athletic fields, educational opportunities, and a unique stormwater collection and management system.

North Street Veterans Playground, Somerville, Massachusetts. Assisted with improvements to this neighborhood park, including updated playground equipment, accessible rubber safety surfacing, a half-basketball/soccer court, tennis bounce board, splash pad, a café seating area, much-needed green space and plantings, and sustainable design features.

Improvements to LoPresti Park, Boston Parks and Recreation Department, East Boston, Massachusetts. Provided design, permitting, and construction administration work for this waterfront project, which included realigning pedestrian connections, rotating fields for game play and practice to allow for a more efficient use of the site, and positioning the most-used elements of play for improved park safety and access. Sea level rise and site resiliency were researched and considered throughout the design process. Iterations of sea wall protection were explored to find balance between defense against the rising sea and day to day access. Ultimately, granite sea wall blocks in a staggered pattern were installed to diffuse wave action during extreme high tide conditions.

JJ Lane Park, Natick, Massachusetts. Landscape design services for the development of a new neighborhood park and playground that involved the creation of a children's play area with seating/shelter, loop pathways, a small park support structure, new parking areas, innovative stormwater management techniques, a pedestrian bridge, and a variety of other passive and active recreational elements.

Revitalization of Draw Seven Park, Massachusetts Department of Conservation & Recreation. Landscape architect for the revitalization of signature park along the banks of the Mystic River in Somerville. Work includes providing urban design/ landscape architecture, sustainability/resiliency, utility infrastructure, waterfront engineering, environmental permitting, architecture, facilities planning, public

participation, and cultural resource planning services to redesign and revitalize this high-visibility waterfront space.

Improvements at Crocker Playground, Fitchburg, Massachusetts. Landscape architect for this important park that supports the neighborhood and larger surrounding community. Work included the addition of a new interactive water play facility to the existing park that includes the playground, a basketball court, and two open play fields. Improvements included the construction of the splash pad, installation of new utilities improvements, as well as a shade shelter, park benches, pathway systems, and related site amenities.

First & Railroad Street Park/Playground, Fitchburg, Massachusetts. Landscape designer for renovations to this important community park. Upgrades included benches, picnic areas, pathways, plantings, informational signage, and a basketball court. Coordinated our efforts in partnership with the Montachusett Opportunity Council, a local community group.

Conservation Area, Outdoor Classroom, Boardwalk, and Sports Field Upgrades and Improvements, Needham, Massachusetts. Landscape designer for the athletic fields (youth baseball and multi-purpose rectangular fields) and accessible trail, boardwalk, and outdoor classroom for the Eastman Conservation Area at Newman Elementary School in Needham.

Mayor Thomas M Menino Park, Charlestown, Massachusetts. Landscape designer for the development of this waterfront site into a new, highly successful and universally accessible park and playground that incorporates adaptations for anticipated sea level rise. Developed paving designs and colors for the universally accessible playground area, detailed the historic reuse of industrial keel blocks as seating elements, and developed a low-cost construction system and native sedum/grass planting mixes for the proposed bulkhead meadow. The park also includes an accessible harborwalk with informational signage and spectacular views of the city and the water.

Albion Park Retaining Wall, Somerville, Massachusetts. Assisted with the detailed design of a retention/seating wall tactically constructed to address erosion issues in Albion Park while improving the use and aesthetics of the site.

Powers Farm Conservation Area, Randolph, Massachusetts. Landscape designer for the planning and design of this former working farm acquired by the town for use as a passive recreation resource that connects directly to downtown. Project work involved incorporating a pavilion, parking facility, play area, and perimeter pathway to allow for universal access and community use.

Charlestown Navy Yard Splash Pad, Charlestown, Massachusetts. Worked with in-house aquatics division to help the city of Charlestown develop an alternative water play area at Shipyard Park, creating a safe alternative to the historic granite fountains on site. Developed a safety surfacing pattern and color scheme, assisted in developing construction documents, and supervised construction on site.

CASSANDRA BETHONEY, RLA

BACKGROUND

2017 - Present
Project Landscape Architect
Weston & Sampson

2016-2017
Associate Landscape Architect
Sasaki

2013-2016
Landscape Architect
Weston & Sampson

2012-2013
Design Intern
Landscape Architecture
Weston & Sampson

2012
Community Service
Fellow/Brownfields Program Intern
US Environmental Protection
Agency

2010
Landscape Architect Intern
Olmsted Center for Landscape
Preservation

2007-2010
Contract Landscape Designer
The S/L/A/M Collaborative
Architects and Engineers

2009
Landscape Intern
The Fells Historic Estate and
Gardens

EDUCATION

2013
Master in Landscape Architecture
Harvard University

2009
Bachelor of Science
Landscape Architecture
Ecological Design Concentration
Cornell University

2008
Art History Study Abroad
Florence University of the Arts, Italy

PROFESSIONAL REGISTRATION

Registered Landscape Architect
Massachusetts, No. 4209

Cassie is a registered landscape architect with experience that spans a broad range of projects from planning to built work, with a focus on public parks and open spaces, streetscape design, and urban improvement projects. She has specialized skills in ecological restoration along waterways and stormwater detention basins, and she is interested in the role that an engaged public process plays in making vibrant landscape spaces. Cassie brings to each project strong critical thinking, pragmatism, and a commitment to quality.

SPECIFIC PROJECT EXPERIENCE

Warren and Waldstein, Brookline, Massachusetts. Weston & Sampson was commissioned to lead extensive public outreach efforts to craft renovation solutions for these two neighborhood parks that would respond to the recreation and open space needs of the community. Assisted with the production of construction documents, presentation graphics for public meetings, and plant selections.

North Union Spray Park and Hibbert Playground, Arlington, Massachusetts. Developed separate park design concepts, presented improvement plans, received input at community meetings, and produced construction documents as part of a commission to re-imagine two public open spaces to meet the varied needs of the community and the distinct site conditions at each location. Also led the construction oversight tasks at these two parks.

Percy Rideout Playground, Concord, Massachusetts. Landscape architect responsible for the design of the park expansion and improvements, including tennis and basketball courts, sidewalks/pathways, increased/redesigned parking, a baseball field, and ADA accessible restrooms. Other improvements included the design of a biorentention pond and rain garden for stormwater management, as well as the use of biodegradeable mulch under the playground structure, and fencing.

Mayor Thomas M Menino Park, Charlestown, Massachusetts. Assisted in all aspects of parks design, from concept design through construction administration/ oversight. She also led the design and coordination of the on-site educational signage that describes the site's industrial history and viewsheds across Boston Harbor. This waterfront park is a dramatic open space resource designed as a place of recovery from health challenges and respite from the daily rigor of urban life. Menino Park was designed for both physically active and passive recreational uses.

Fallon Field Playground, Roslindale, Massachusetts. Led the design effort for this playground improvement project and was pivotal to the community outreach process with Roslindale residents. Cassie also completed construction documentation for bidding. Community input was a huge driver to create a unique and innovative playground space, which was built into a hillside. This playground includes many non-traditional play elements, features universal accessibility throughout, and is home to the tallest slide structure in Boston (now an iconic park feature).

CASSANDRA BETHONEY, RLA

HONORS & AWARDS

2009
American Society of Landscape Architects Award of Merit

George Robert White Memorial Fountain Restoration, Boston, Massachusetts. Developed improvement plans for the restoration of the George Robert White Memorial Fountain, located at the corner of Beacon and Arlington Streets at the Public Garden. The scope of improvements included new utility and mechanical systems to support fountain reactivation, new ADA-compliant pathway to the fountain plaza, and other related site restoration. Conducted historical research, designed various elements of the proposed improvements, coordinated with various stakeholders, progressed the construction documents, and began the permitting and review board submittal process.

First & Railroad Street Park, Fitchburg, Massachusetts. Landscape architect responsible for studying the feasibility of redeveloping a vacant neighborhood play lot. Defined the site's desired program, developed a conceptual site plan, and estimated the construction budget in support of a grant application to the Massachusetts Executive Office of Energy and Environmental Affairs. This park project transformed a 14,000-square-foot black-top space in an environmental justice neighborhood into a space for recreation, leisure, education, and stormwater management. Today, the park captures and diverts contaminated stormwater from entering the Nashua River across the street, which has a long history of industrial use and resultant contamination. This space includes an outdoor learning museum that showcases the innovative green infrastructure strategies implemented at the park to teach visitors about water conservation, pollution, and restoration.

Boston Common and Boston Public Garden, Boston, Massachusetts. Provided landscape architecture services for this high-profile public realm improvement project that involved researching site history and performing pavement investigations, pathway construction, and achieving ADA accessibility in all areas.

Graham & Parks School ADA Improvements, Cambridge, Massachusetts. Completed design services for Graham & Parks School in Cambridge, Massachusetts. Improvements provide ADA-compliant access to both the front and rear entrances of the school. Involved with the design of all ADA-compliant stair and ramp systems, playground improvements, and completed construction documentation, over the course of this two-year project.

Lowe Playground, Fitchburg, Massachusetts. Assisted in on-site community presentations, led construction documentation efforts, and performed construction oversight. This playground features new state-of-the-art playground equipment, ADA accessibility, and shade trees as part of a state grant.

Main Street Canal Crossways Park Improvements, Bourne, Massachusetts. This project included vegetation management efforts and park/site improvements for the trail connection between Main Street and the Cape Cod Canal. Assisted in the production of construction documents and the design and production of directional park signage.

Cushing Memorial Park Master Plan, Framingham, Massachusetts. Cushing Memorial Park is an 80-acre passive recreation park, which includes a new access road and parking facilities. Provided graphic support for completion of the Master Plan document.

RACHELLE MCKNIGHT

BACKGROUND

2016-Present
Landscape Designer
Weston & Sampson

2015
Researcher
Rewilding Europe

2014
Research Assistant
US Forest Service

2008-2013
Scenic Artist/Production Assistant
Hudson Scenic/Warner Bros.

2001-2007
Landscape Designer/Gardener
Western Kentucky University

2004-2005
Habitat Restoration Associate
Mammoth Cave National Park

EDUCATION

2016
Master of Landscape Architecture
State University of New York
College of Environmental Science
and Forestry

2013
Graphic & Web Design Certificate
Hunter College

2007
Bachelor of Anthropology
Western Kentucky University

CERTIFICATIONS

ISA Certified Arborist

Erosion & Sediment Control
Training
Trainee SWT#0020-T

OSHA 10-hour Construction Safety
Training

AFFILIATIONS

American Society of
Landscape Architects
International Society of Arboriculture
Society for Ecological Restoration

Rachelle is a landscape designer whose background includes landscape and site design services for a variety of municipal, park, religious institutions, and higher education projects. Her experience includes parking and sidewalk layout, planting design, plaza and public space design, site grading, botanical inventories, trail layout, as well as digital rendering and modeling. Rachelle is proficient in the Adobe Creative Suite, a variety of fine arts, SketchUp, and AutoCAD software.

SPECIFIC PROJECT EXPERIENCE

Bridge Street Pocket Park, Waitsfield, Vermont.
Prepared design documents for the construction of a pocket park adjacent to the "Big Eddy" covered bridge in Waitsfield. The park was designed to provide visitors and residents with access to a popular swimming spot on the Mad River, while commemorating the historic footprint of a building destroyed by flooding during Hurricane Irene.

Halfmoon Dog Park Feasibility Study, Halfmoon, New York. Conducted a feasibility study for the development of a dog park with two areas (one for large dogs and one for small dogs). Conceptual design included parking, utility considerations, and site amenities to provide a safe environment for dogs and people.

Portland Park and Fields Complex, Portland, Connecticut. Provided planning and site design services for the development of a multi-field athletic complex and park facility for the town. The complex includes two soccer fields, two baseball fields, an outdoor splash pad, a playground, a recreation building, concessions building, and a multi-use trail network with outdoor fitness stations. Also provided site grading services for this project.

Parks & Pool Master Plan, Glastonbury, Connecticut. Site designer for the development of a Parks and Pool Master Plan for the Town of Glastonbury, Connecticut. Provided services related to site selection, pool and pool house design, site and park amenity design, parking and circulation. Layout plans were developed for each of the potential sites, as well as preliminary opinions of probable cost. After selection of the most appropriate site was completed, assisted with the preparation of a final site design package suitable for construction.

Arbor Hill Softball Field Reconstruction, Albany, New York. Prepared design documents for the redesign and reconstruction of the Arbor Hill Park softball field on the south side of Albany. Rehabilitation of the field included an improved playing surface to provide a safe and durable ball field. The project also included a new enclosed pavilion with a snack bar, ADA compliant restrooms, and storage facilities.

Hudson River Sustainable Shoreline Design, Watervliet, New York. Site designer for the restoration of a shoreline and estuary on the Hudson River at Hudson Shores Park in Watervliet, New York. Conducted a site inventory to document existing trees to be preserved or removed as a result of grading to reduce the shoreline slope.

Design elements included a stone staircase with abutting boulder gardens to draw visitors down to the tidal flats and river edge, staked and rip-rap vegetation restoration, and a new pathway to leading to the staircase.

Hudson River Trail, Beacon and Fishkill, New York. Prepared planning and design documents for the Hudson River Trail, a rail-with-trail that extends from the City of Beacon Metro-North Station along the existing rail corridor, under the Newburgh Beacon Bridge, and on to West Fishkill. The multi-use path will include viewing areas, overlooks, and connections to the nearby trail network.

Rutland Creek Path, Rutland, Vermont. Prepared design and planning documents for the Rutland Creek Path (Segment 5), which includes a 300-foot boardwalk adjacent to the Otter Creek floodway (a multi-use path adjacent to Dorr Drive) and on-road shared lane markings.

Marbleway Path, West Rutland, Vermont. Prepared concepts and documents for the feasibility study for the Marbleway Path in the communities of West Rutland and Rutland. Assessed the feasibility of connecting West Rutland to Rutland and analyzing potential alignment alternatives. Public engagement and preliminary costs were a part of the study.

Parks & Recreation Master Plan, Amherst, New York. Site designer for the development of a Parks & Recreation Master Plan for the Town of Amherst. Conducted an analysis of over 40 existing parks and recreation facilities within the town, including an inventory of existing park features and recommendations for future improvements.

Parks & Recreation Master Plan, Canton, Connecticut. Site designer for the development of a Parks & Recreation Master Plan for the town. Analyzed 10 existing parks and recreation facilities within the town. Inventoried existing park features and prepared recommendations for future improvements. Developed conceptual graphics for public presentation, cost estimates for potential improvements, and recommendations for site enhancement and facility renovations. Analyzed results from a public survey to determine programming, athletic, passive recreation, and needs for enhanced and new amenities. Created a comprehensive report detailing the master planning process, existing conditions, community input, trends analysis, recommendations and a subsequent action plan.

Parks & Recreation Master Plan, Darien, Connecticut. Performed site analysis and prepared planning documents for the Darien Parks & Recreation Master Plan. Considerations included a proposed aquatic facility, picnic areas, athletic facility upgrades, wetland restoration, environmental education trails, and improved waterfront/beach facilities. Worked closely with the town and residents to ensure the master plan guidelines would meet their needs and desires. Developed a comprehensive report detailing existing conditions, community input, trends analysis, recommendations and a subsequent action plan.

County of Rensselaer Hudson River Access Plan, Rensselaer, New York. Site designer for the preparation of a river access study for the County of Rensselaer. Analyzed potential sites along the river, engaging stakeholders through public meetings, developing and prioritizing recommendations, and creating preliminary concept plans. Sites were evaluated to determine whether improvements would accomplish the goal of providing paddleboat access and which sites would most likely benefit from local stewardship.

TIM SHEEHAN, CPO

BACKGROUND

2018-Present
Team Leader
Weston & Sampson

2013-2018
Senior Project Manager
Weston & Sampson

2009-2013
Timothy Sheehan Landscape Architect
Owner

2005-2009
Gregory Lombardi Design Inc
Senior Associate

2003-2005
Ryan Associates
Senior Associate

2003
Northeast Aquatic Design Group
Landscape Architect

2001-2003
New Land Design
Senior Associate

1998-2001
EDSA
Associate

1996-1998
Landscape Design Associates
Associate

1995-1996
Post Properties
Assist. Constr. Manager

1994
Walt Disney World
Landscape Intern

EDUCATION

1995
Bachelor of Science, cum laude
Landscape Architecture
University of Massachusetts at Amherst

PROFESSIONAL REGISTRATION

Commercial Pool/Spa Contractor
CPO 466965

PROFESSIONAL SOCIETIES

American Society of Landscape

Tim is a landscape architect and aquatics designer with more than 20 years of experience providing design, production, and project management services for a large variety of projects including high-end residential, resort and hospitality, water parks, large-scale residential communities, as well as municipal and commercial properties.

SPECIFIC PROJECT EXPERIENCE

Laguna Splash Water Park at DelGrosso Amusement Park/Water Park Expansion, Tipton, Pennsylvania. Aquatic designer for site design/layout and renovations including a wave pool/lazy river feature with themed building/support structures and spray features that reflect the family's Italian heritage. Designed improvements to enable the DelGrossos to provide family-based entertainment at a multi-generational recreation facility.

Municipal Pool Renovation at the Recreation Center Complex, Rosendale, New York. Provided aquatics design services for the evaluation, study, and reconstruction of this leaking and structurally deteriorated municipal swimming pool facility. The newly constructed pool design split the previous single pool footprint into a zero-entry activity pool and a lap pool built to competition standards.

YMCA Aquatics Facilities, Various Locations, Massachusetts. Providing design services for aquatics facilities at the YMCAs in Lynn, Framingham, and Attleboro, Massachusetts.

Albany Street Rooftop Pool, Boston, Massachusetts. Aquatic designer for the fully-tiled 500-square foot heated rooftop pool facility that includes a remote equipment room with an automated control system for a high-rate sand filter, UV treatment, and gas heater.

Millennium Tower Pool, Boston, Massachusetts. Aquatic designer for an indoor swimming pool and spa at the high-rise Millennium Tower. The pool was set with a crane and rigging crew in the middle of winter to keep the 60-story building construction on schedule.

Round Hill Aquatic Facility, Round Hill, Virginia (for Lerner Enterprises). Project manager for the construction of a $3 million, 70,000-gallon indoor pool facility for Lerner Enterprises in Round Hill, Virginia.

Byram Park Pool Replacement, Greenwich, Connecticut. Led the aquatics design aspects related to the design and engineering of a new park and public outdoor pool facility with a large zero-entry pool with lap lanes, a splash pad, and a kiddie pool to replace an outdated facility on the site.

Children's Aquatic Center at Chelsea Piers, Stamford, Connecticut. Provided aquatics design services for a 6,000 square-foot water play pool, including three giant slides, a zero-depth entry area, mini water slides, and interactive play features.

Indoor & Outdoor Pools at the Nevele Grande Resort, Wawarsing, New York. Project manager/team leader responsible for the aquatic design and master planning of the renovation of a large resort with indoor and outdoor pool facilities in the Catskills.

Architects (ASLA)

Institute of Classical Art & Architecture

Brickell Citicentre Rooftop Pool, Miami Florida. Team leader for two luxury residential high rise buildings, and one luxury high rise hotel, for a total of 10 bodies of water, and eight residential penthouse pools, and four water features located in Brickell, Miami.

Lambeau Field Physical Therapy Pools, Green Bay, Wisconsin. Team leader for the design of four physical therapy pools for the Green Bay Packers training facility. Responsible for coordination with the training staff to ensure the pools met their physical training needs; coordination with the architect, owners, and MEP tradespeople; and permitting the final products according to the State of Wisconsin's regulations. The design included coordinating and working with the pre-manufactured fiberglass pool company and designing a complete filtration system to meet the demands the old system lacked.

Boston Bruins Therapy Pools at the Warrior Ice Arena, Brighton, Massachusetts. Aquatic design for three therapy pools. Responsible for coordination with the training staff to ensure the pools met their physical training needs; coordination with the architect, owners, and MEP tradespeople. The design included coordinating and working with the pre-manufactured stainless steel pool company, and designing a complete filtration system to meet the demands.

Municipal Pool at White Park, Rutland, Vermont. Aquatic project manager for the design of a new municipal aquatic facility featuring one competition pool with a diving well, one zero-depth entry family pool, spray features, and an amusement park style slide.

Bimini Resorts World Casino Hotel, Bimini, Bahamas. Team Leader for a 650-foot-long infinity edge amenity pool and a 100-foot-long rooftop infinity edge pool on the 6th floor of the resort.

Tufts University Pool Capital Improvements and Renovations, Medford, Massachusetts. Led the aquatics design for the Tufts University pool renovations, including design and compliance upgrades for this large municipal pool. Project work included bringing the swimming and wading pools into compliance with the Virginia Graeme Baker Act, providing engineering for a chemical feed system, updating the hydraulic system, and making compliance upgrades around the deck of the pool and in the filtration facility.

Indoor and Outdoor Pools at Tioga Downs Casino, Tioga, New York. Led the aquatics work for the design and permitting of an indoor pool and spa and an outdoor pool and spa at Tioga Downs, to be constructed with the new proposed addition to a casino in Tioga.

High School Competition Swimming School, New Bedford, Massachusetts. Led the aquatics design for the compliance upgrade and filter system replacement for the new high school competition swimming school. Responsibilities included repairs to the overflow gutter and replacement of a diatomaceous earth filter system with a new sand filter system. Provided engineering for a complete automatic chemical feed system.

MARK MARIANO, PE, CPO

BACKGROUND

2018-Present
Project Manager
Weston & Sampson

2009-2018
Project Engineer
Weston & Sampson

2009
Civil Engineer Intern
Woodard & Curran

2004-2009
Head Foreman and Superintendent
J. Mariano Construction

EDUCATION

2010
Bachelor of Science
Civil and Environmental Engineering
University of Massachusetts, Amherst

PROFESSIONAL REGISTRATION

Professional Engineer:
Massachusetts No. 51945
Florida No. 81591
Oklahoma No. 29549
Rhode Island No. 12415
Virginia No. 0402056540

Commercial Pool/Spa Contractor
CPO-421213

Massachusetts Title V System Inspector
SI13448

Mark is a project manager/engineer in Weston & Sampson's aquatics group. His aquatics background includes municipal design, operations, water chemistry, and project management. His skills include drafting using AutoCAD, and knowledge in material properties related to pool/aquatics and filtration systems design and construction.

SPECIFIC PROJECT EXPERIENCE

YMCA Aquatics Facilities, Various Locations, Massachusetts. Providing design services for aquatics facilities at the YMCAs in Lynn, Framingham, and Attleboro, Massachusetts.

Municipal Pool at Byram Park, Greenwich, Connecticut. Project manager for the design of a new municipal pool, spray deck, and wading pool. Worked with a multi-disciplinary engineering team to design a complete aquatics facility, including a six-lane, zero-entry pool, for a total of $2 million in aquatics fees.

White Pool Aquatic Complex, Rutland, Vermont. Project manager for the evaluation and design of a new municipal aquatic facility featuring a competition pool with a diving well, one zero-depth entry family pool, spray features, and an amusement park style slide. Responsibilities included evaluating the features of the facility based on current codes and operational issues; recommending future upgrades; and working with the city to understand the current project challenges and needs, leading to design development for the new facility. The cost of the aquatic portion of work was approximately $2 million.

Brickell City Center, Miami, Florida. Project manager for two luxury residential high rise buildings and one luxury high rise hotel, for a total of 10 bodies of water, eight residential penthouse pools, and four water features. The total aquatic design cost was approximately $10 million.

Missoni Baia, Miami, Florida. Project manager for luxury residential high rise buildings with a total of five bodies of water, including a spray deck and a 50-meter lap pool located in the Wynwood Area of Miami. The total aquatic design cost was approximately $2 million.

Green Bay Packers at Lambeau Field, Green Bay, Wisconsin. Project manager for the design of four therapy pools. Responsible for coordination with the training staff to ensure the pools met their physical training needs. Duties also included coordination with the architect, owners, and MEP trades and permitting the final products with the State of Wisconsin. The design included coordinating and working with the pre-manufactured fiberglass pool company and designing a complete filtration system to meet the demands the old system lacked. The cost of the aquatic portion of work was approximately $3 million.

Resorts World Bimini, Bimini Bahamas. Project manager for a 650-foot-long infinity edge amenity pool and a 100-foot long rooftop infinity edge pool on the sixth floor of the hotel. The total aquatic design cost was approximately $5 million.

Boston Bruins, Ice Warrior Training Facility, Boston Massachusetts. Project manager for the design of three therapy pools. Responsible for coordination with

the training staff to ensure the pools met their physical training needs. Duties also included coordination with the architect, owners, and MEP trades. The design included coordinating and working with the pre-manufactured stainless steel pool company, and designing a complete filtration system to meet the demands. The aquatic portion of work was approximately $3 million.

Round Hill Aquatics Facility, Round Hill, Virginia. Project superintendent responsible for managing, coordinating, scheduling, overseeing buyout, and inspecting submittal review for a $3 million indoor aquatics facility.

Municipal Swimming Pool, Rutland, Vermont. Project manager for the pool evaluation. Assessed the current state of the pool, wading pool, and bath house facility based on current codes and operational issues. Recommended future upgrades and worked with the city to understand current challenges and needs. Evaluation results led to design development for a new facility.

Aquatics Projects for Municipal/Public Facilities, Various Locations. Mark's experience also includes directing the following aquatics projects:

- New Bedford High School, New Bedford, Massachusetts – Filter Rehabilitation
- Attleboro High School, Attleboro, Massachusetts – Evaluation
- Living Memorial Pool, Brattleboro, Vermont – Pool Rehabilitation
- Tufts Pool, Medford, Massachusetts – Pool Rehabilitation
- South End Fitness Center, Boston, Massachusetts – Pool Rehabilitation
- Myers Memorial Pool, Winooski, Vermont – Evaluation and Planning
- Alfond Memorial Aquatic Center, Waterville, Maine – Evaluation
- Elm Park Pool, Rocky Hill, Connecticut – Evaluation
- Kitrell Park Pool, White Plains, New York – New Aquatic Center
- Windsor, Connecticut – Evaluation of all Town Owned Pools.
- Newtown, Connecticut – New Indoor Aquatic Facility
- Kroc Center Boston – Evaluation
- Jewish Community Center – Stamford Connecticut – New aquatic / Therapy Pool.
- Lynn YMCA – New Aquatics Center
- Rosemary Park Pool – Needham, Massachusetts
- Bedford New Hampshire – Spray Park

RICHARD CAMPBELL, PE

BACKGROUND

2018-Present
Structural Practice Leader
Weston & Sampson

2017-2018
Senior Associate / Team Leader
Weston & Sampson

2009-2016
Associate / Team Leader
Weston & Sampson

2008-2009
Associate
Stantec

2000-2008
Senior Project Manager
Maguire Group, Inc.

1997-1999
Project Manager
Beta Group, Inc.

1994-1997
Project Engineer
Beta Group, Inc.

1989-1994
Project Engineer
Odeh Engineers, Inc.

1988-1989
Senior Project Engineer
Pare Engineering Corporation

1985-1988
Structural Engineer
DeStefano Associates

1984-1985
Structural Engineer
Flaherty Giavara Associates

1992-1996
Special Program Faculty
University of Rhode Island
College of Continuing Education

EDUCATION

1984
Master of Science
Civil Engineering
University of Rhode Island

1982
Bachelor of Science
Civil/Environmental Engineering
University of Rhode Island

Rick has over 30 years of experience in the field of civil and structural engineering and is responsible for the successful delivery of all structural work produced at Weston & Sampson.

Rick has been involved in the preparation of structural building plans for both new and renovation projects throughout New England, for clients including local municipalities, state agencies, private developments, colleges and universities, parking garages owners, power plants, public schools and libraries, and hospitals. His project responsibilities range from the study phase into preliminary and final design through to the construction phase and project closeout. He is well-versed in the International Building Code, as well as amended State Building Codes.

SPECIFIC PROJECT EXPERIENCE

Byram Park and Pool, Greenwich, Connecticut. Structural engineer for the design of a new bathhouse and filter building at the Town of Greenwich's pool facility, which included pre-fabricated wood roof trusses supported by reinforcement masonry and steel beam, reinforced concrete foundations and slab-on-grade, and reinforced concrete retaining walls. Responsible for oversight of structural services that included calculations, plan preparation, cost estimating and construction administration.

Children's Park Improvements, Boston Parks and Recreation Department, Roxbury, Massachusetts. Provided structural engineering services to renovate and update the current Children's Park, which involved acquisition of two vacant properties, expansion of the site, inclusion of multi-generational park amenities, and a significant community participation component.

Langone Park & Puopolo Playground, Boston, Massachusetts. Lead structural engineer responsible for the complete refurbishment of this signature waterfront park in Boston's historic North End. Design efforts include lighting, benches, interpretive signage conveying the unique historical and environmental heritage of this site, and coastal resilient strategies.

Structural Inspections for Prescott Park Master Plan, Portsmouth, New Hampshire. Performed an inspection of hundreds of linear feet of quay wall, bulkhead, piers and docks by boat and along the park edge. Prepared a written report summarizing findings as part of a master plan for the City of Portsmouth.

Institute Park Pavilion, Worcester, Massachusetts. Senior project manager for a new outdoor music bandstand/pavilion for Institute Park, which was constructed on an existing concrete foundation. Designed modifications to the concrete footing, with new steel frames to clear span the stage area. Incorporated new standing seam metal roofing and siding as part of the modern design.

Powers Farm Conservation Area, Randolph, Massachusetts. Provided structural engineering services for the planning and design of this former working farm acquired by the town for use as a passive recreation resource that connects

PROFESSIONAL REGISTRATION

Professional Engineer:
Massachusetts No. 36256
New Hampshire No. 13733
Connecticut No. 14862
Maine No. 12596
Florida No. 74219
Pennsylvania No. PE080240
Rhode Island No. 5837
South Carolina No. 34250
Vermont No. 84238
Virginia No. 051702

PROFESSIONAL SOCIETIES

American Society of Civil Engineers

directly to downtown. Work included the design of a pavilion, parking facility, play area, and perimeter pathway to allow for universal access and community use.

Pathway Improvements to Boston Common & Public Garden, Boston, Massachusetts. Lead structural engineer for improvement of the pathways and entrances to the Boston Common, the Public Garden, and Commonwealth Avenue Mall. This multi-site project included a thorough assessment of existing entrance and pathway conditions throughout all three sites followed by an analysis and ranking in order to prioritize an improvement program.

Public Garden Bridge Inspection, Boston, Massachusetts. Lead structural engineer responsible for pedestrian bridge inspections at the historic Public Garden.

Restoration of John Harvard Mall in Boston, Massachusetts. Lead structural engineer for the restoration of this historic park/plaza in the Charlestown neighborhood.

Structural Survey of Waterfront Facilities, Charter Construction, Gloucester, Massachusetts. Performed a pre- and post-construction survey of seawalls, access ramps, docks, and waterfront buildings using high-definition video and digital photographs.

Fort Myers Country Club Bridge Inspections, Fort Myers, Florida. Lead structural engineer in the inspection and evaluation of nine bridges crossing a stormwater drainage canal and pro-viding access for pedestrians, golf carts, and maintenance and construction vehicles. Designed repairs in accordance with FDOT standard details.

Ayer Rail Trail Parking Facility, Montachusett Regional Transit Authority, Ayer, Massachusetts. Lead structural engineer for the development of approximately 200 parking spaces by constructing a new elevated precast concrete parking deck and redesigning at-grade-parking. Project includes studying multiple alternatives with construction cost estimates.

SCOTT BRUSO, PE

BACKGROUND

2014-Present
Project Manager/Team Leader
Weston & Sampson

2009-2014
Structural Project Engineer
Weston & Sampson

2004-2009
Structural Engineer
Weston & Sampson

2001-2004
Structural Engineer
H.W. Lochner, Inc.
Boston, Massachusetts

2000
Project Engineer
Jay Cashman Inc.
Boston, Massachusetts

1997-2000
Field Engineer
Jay Cashman Inc./Perini/Kiewit/
Atkinson Joint Venture
Boston, Massachusetts

EDUCATION

2001
Bachelor of Science
Civil Engineering Technology
Wentworth Institute of Technology
Boston, Massachusetts

PROFESSIONAL REGISTRATION

Massachusetts (No. 48061)
New York (No. 090911)

PROFESSIONAL SOCIETIES

American Society of Civil Engineers
Boston Society of Civil Engineers
American Institute of Steel Construction

Scott is a project manager with more than 15 years of civil/structural engineering experience, including the structural design of bridges, culverts, new buildings, renovations to existing buildings, renovations to water and wastewater treatment facilities, new wastewater treatment facilities, water and wastewater treatment tanks, and hydraulic structures. His responsibilities have included preparation of preliminary and final designs, performance bridge inspections, preparation of bridge ratings, building inspection and condition assessments, and construction administration and inspections. He is well versed in the regulations of the Massachusetts State Building Code and the International Building Code.

SPECIFIC PROJECT EXPERIENCE

Newell Field Stadium Bleacher Support, Gloucester, Massachusetts. Provided structural design of temporary shoring/support for the bleachers. This project also implemented settlement monitoring of the bleachers.

Saugatucket Greenway Improvements Project, South Kingstown, Rhode Island. Provided structural engineering services for the improvements project.

Southwick Rail Trail, Southwick, Massachusetts. Provided structural design of a new single span bridge, culvert, and the rehabilitation of an existing masonry arch bridge for pedestrian and bicycle traffic. Responsibilities included the preparation of structural contract drawings, specifications, and performance of construction administration and required inspections.

Hugh Farren Pedestrian Bridge over Old Colony Road, Boston, Massachusetts. Project manager for the design. Provided structural design for the rehabilitation of the existing through girder steel bridge and concrete ramp structures. Design included heat straightening of damaged areas of the existing steel through girders, installation of new precast concrete decking, and concrete repairs to the ramp structures in accordance with the MassDOT Bridge Manual and Standard Specifications. Reviewed design concept, drawings, and specifications, and preparation of construction cost estimate.

New Department of Public Works Facility, Weston, Massachusetts. Provided structural design of new a vehicle storage garage and an operations/administration building. Responsibilities included the preparation of structural contract drawings and specifications. The vehicle storage garage is a single-story building with a wash bay attached to one side. The operations/administration building consists of a single-story maintenance garage and workshop area with a two-story office building attached.

Fort Myers Country Club Bridge Inspections, Fort Myers, Florida. Assisted with the structural inspection and evaluation of nine bridges crossing a stormwater drainage canal and pro¬viding access for pedestrians, golf carts, and maintenance and construction vehicles. Designed repairs in accordance with FDOT standard details.

THOMAS STRIKE, PE

BACKGROUND

2018-Present
Senior Project Manager
Weston & Sampson

2015-2018
Project Manager
Weston & Sampson

2013-2015
Project Engineer
Weston & Sampson

2005-2013
& 1999-2004
Staff Engineer
Miller Engineering & Testing, Inc.

2004-2005
Geotechnical Engineer
PSI, Inc.

1998-1999
Field Engineer
SMW Seiko, Inc.

EDUCATION

2005
Master of Science
Geotechnical Engineering
University of Massachusetts, Lowell

1998
Bachelor of Science
Civil & Environmental Engineering
University of Massachusetts, Amherst

PROFESSIONAL REGISTRATION

Professional Engineer:
Massachusetts No. 50328
New Hampshire No. 13858

Tom is a project manager in the firm's environmental and geotechnical program. He has over 15 years of experience with geotechnical engineering design and has been responsible for managing multiple ongoing construction projects. His specific areas of expertise include foundation design, retaining wall and slope stability analyses and subsurface exploration.

SPECIFIC PROJECT EXPERIENCE

Arbor Way Retaining Wall Assessment, Fitchburg, Massachusetts. Project manager for the Arbor Way retaining wall assessment, which included a condition assessment of the failing wall and recommendations for design repairs.

South Mill Pond Courts and Leary Field Lighting Improvement Project, Portsmouth, New Hampshire. Geotechnical engineer for the project which involved the complete refurbishment of six tennis courts and two basketball courts and the addition of court lighting.

Beach Revetment, Manchester-By-The-Sea, Massachusetts. Geotechnical engineer for the revetment efforts at Singing Beach in the coastal town. The goal of improving the existing revetment structure is to preserve and protect the shoreline at Singing Beach against erosion and sea level rise. Responsible for coordination with the Conservation Agent and the contractor.

Massasoit State Park Dam Rehabilitations, Taunton, Massachusetts. Project manager and dam safety engineer for rehabilitation of five earthen embankment dams in Massasoit State Park ranging from 180 to 365 feet long and 10.5 to 18.5 feet tall. The dams are Intermediate Size, High Hazard Structures. The project includes coordination with Massachusetts DCR Office of Dam Safety, environmental permitting, repair of concrete outlet structures, raising the crest of one of the dams, and embankment improvements including slope armoring, and mineral filter construction. Coordinating and completing engineering analyses and preparing drawings and specifications.

New Consolidated Department of Public Works & Natural Resources Facility, Orleans, Massachusetts. Provided geotechnical services as part of an existing facility evaluation, space needs assessment, and development of a facility master plan for a consolidated Department of Public Works & Natural Resources (DPW/NR) facility. Responsible for geotechnical site planning efforts, including a thorough analysis of the site slopes and soils.

Shady Hill School Repair, Cambridge, Massachusetts. Geotechnical project manager for the 6th and 8th grade building repair and modification project at the Shady Hill School. Prepared project scope and budget, coordinated geotechnical fieldwork, completed engineering analysis, and prepared a technical report. Conducted a geotechnical evaluation of both buildings and made recommendations to correct the structural deficiencies.

DANIEL MARCHAND

BACKGROUND

2014-Present
Senior Electrical Engineer
Weston & Sampson

2012-2014
Electrical Engineer
BVH Integrated Services

2011-2012
Electrical Engineer
AHA Engineering

2008-2011
Electrical Engineer
Wright Pierce

2005-2008
Electrical Engineer
AHA Engineering

2003-2005
Electrical Engineer
Earth Tech

2000-2003
Electrical Engineer
Richard D. Kimball

1995-2000
Electrical Designer
Camp Dresser & McKee

EDUCATION

1997
Bachelor of Science
Electronic Engineering
Wentworth Institute of Technology

Dan is a senior electrical engineer with more than 20 years of experience in the design of electrical systems for a wide variety of facilities, including wastewater and water treatment plants, colleges, laboratories, industrial, retail, mixed-use, municipal, healthcare, education, and other facilities. He has worked on projects from conception through construction, working closely with clients. His expertise extends to all aspects of project design, including system evaluations, load calculations, equipment sizing, code review, specification development, and construction administration.

SPECIFIC PROJECT EXPERIENCE

Pool Upgrade, Rosendale, New York. Provided complete electrical design for an upgrade to the existing pool. Electrical design consisted of new power, lighting and fire alarm systems to the pool equipment room as well as a completely new grounding and bonding plan for the pool.

Bryam Park Pool, Greenwich, Connecticut. Provided complete electrical design for a new pool and splash pad. Electrical design consisted of new electrical service to the site, power, lighting and fire alarm systems to the pool equipment room and to the restrooms and kitchen areas as well as a completely new grounding and bonding plan for the pool and splash pad.

Montreign Casino Pool, Kiamesha Lake, New York. Provided complete electrical design for 13 new roof top pools. Electrical design consisted of new all power to the equipment within the 2 new mechanical rooms as well as grounding and bonding plans for the 13 pools.

Lynn YMCA, Lynn, Massachusetts. Electrical engineer as part of a team responsible for MEP/FP and aquatics design services for this 70,000-square-foot YMCA in Lynn, which will have a ~8,700-square-foot natatorium with lap and teaching pools and a splash pad.

Edgewater Office Park, Wakefield, Massachusetts. Complete upgrade and renovation of entire electrical distribution/branch wiring for various offices throughout five separate buildings.

Rivers Edge Office Park, Medford, Massachusetts. Electrical design for the construction of a new 65,000-square-foot office building and park.

Roxbury Community College Reggie Lewis Center Upgrades, Roxbury, Massachusetts. Provided detailed electrical design services for HVAC and miscellaneous electrical renovations to the Reggie Lewis Center.

Mass Maritime Hurley Building, Massachusetts. Provided detailed design and construction administration services for a new office/library building. This project covered a new two-story office building with an 11,000-square-foot library space. The design consisted of all new power, lighting, lighting control systems, fire alarm, and low voltage systems.

ANTHONY ZERILLI

BACKGROUND

2012-Present
Permitting Manager
Weston & Sampson

2002-2012
Environmental Scientist
Weston & Sampson

2002
Laboratory Technician
Biomarine Laboratories

1998-2002
Environmental Science Student
Bates College

1998 and 1999
Department of Public Works
Gloucester, Massachusetts

EDUCATION

2002
Bachelor of Science
Environmental Science
Bates College

PROFESSIONAL CERTIFICATION

OSHA HAZWOPPER 40 Hour
Regulations 29 CFR
1910.120 and 1926.65

Army Corps Certified
Wetlands Delineation
June 2003

Tony is an environmental scientist with over 15 years of professional experience in the environmental and natural resource management field. He coordinates all aspects of environmental permitting for Weston & Sampson. Working within the fields of hydrogeology, engineering, water resource development, wetlands sciences, renewable energy and construction oversight, Tony has specialized experience with developing permitting strategies that follow stringent permitting requirements for a variety of environmental engineering projects including municipal infrastructure and construction projects, renewable energy siting and development, lake management and dredging, and wetland creation/ restoration.

SPECIFIC PROJECT EXPERIENCE

Parks and Recreation Projects, Boston, Massachusetts. Permitting manager for all aspects of the permitting tasks for various parks and recreational projects involving environmental due diligence support, engineering evaluation, and wetlands permitting. Working with landscape architects to provide delineation of resource areas, identification of altered wetlands areas, development of permitting strategies and schedules, permitting of final designs (including playgrounds, turf fields, and water access), and expert testimony at public hearings. Projects included two waterfront parks: LoPresti Park and Mayor Menino Park.

Danvers Athletic Complex, Danvers High School, Danvers, Massachusetts. Provided permitting services for the development of a sports complex at Danvers High School. Work included the development of new synthetic turf field, relocation of practice fields, and the baseball field, all located near a perennial stream and within the 200-foot riverfront area. Worked with the project team to develop a permitting strategy based on several alternatives and permitted the preferred alternative. Provided expert testimony and construction oversight.

Newman School Fields, Needham, Massachusetts. Provided permitting services for the redevelopment of athletic fields behind Newman School, located adjacent to a conservation area and wetland resource areas. Worked with the project team to develop a permitting strategy for the fields as well as a passive recreational trail through the conservation land. Successfully permitted the project through the local wetland process. Provided expert testimony and construction oversight.

Atlantic Sports Center, Amesbury, Massachusetts. Provided permitting services for the private development of a sports complex, including hockey rinks, office building, and ancillary structures. Worked with the project team to develop a permitting strategy based on several alternatives. Worked to reduce or eliminate the permitting needs by developing a working alternative for development and taking the project through design.

Environmental Permitting Assistance, Various Locations, New England. Provided environmental permitting assistance associated with wetlands impacts and restoration in several communities. Permits included MEPA certification,

ACOE General Permit, MassDEP 401 Water Quality Certification, Chapter 91 Licensing, NHESP Notification, and wetlands permitting. Major permitting projects included remediation within Mill Creek and Ashuelot River in Keene; Medfield State Hospital Remediation for the DCAMM; Miller's River restoration and monitoring for MassDOT; Willow Pond Dredging for Look Park in Northampton; Weymouth Sewer Main Replacement and wetland restoration; Salisbury Industrial Park for Salisbury; Kingman Pond Dam for Mansfield; and the Arlington Reservoir Dam for Arlington.

On-Call Environmental Services, Massachusetts Port Authority Sites, Various Locations, Massachusetts. Provided environmental permitting support for multiple task orders for on-call environmental services, including the dredging of PCB-impacted sediment at Hanscom Field in Bedford, Massachusetts. Supervised wetland monitoring and stormwater compliance of construction impacts associated with the runway improvements at Logan Airport, Boston Massachusetts. Work included filling/dredging of coastal resource areas and associated construction impacts including stormwater management.

Environmental, Permitting and Geotechnical Pre-Acquisition and Redevelopment Assessment, Former Bulk Storage Facility, Chelsea Creek, East Boston, Massachusetts. As permitting manager, managed all aspects of the permitting tasks for this project involving environmental due diligence support and engineering evaluation in support of acquisition of a former oil storage facility on behalf of the Boston Planning & Development Agency (BPDA). Work included delineation of resource areas, identification of altered wetlands areas, permitting consultation, expert testimony and final determinations on potential impacts to wetlands.

Wetland and Ecological Permitting, Various Locations, Massachusetts. Provided wetland and ecological permitting support for the WMECo, CVEC, and ACE solar programs. Assignments included preliminary design and local and state permitting for multiple Megawatt projects in Barnstable, Brewster, Dennis, Duxbury, Edgartown, and Pittsfield, Massachusetts. The projects required local and state permitting approvals with respect to floodplain development, wetlands resource impacts, endangered species habitat and other environmental conditions including wetland restoration and habitat protection.

Stormwater Permit Compliance Assistance, Various Locations throughout Massachusetts. As permitting manager, provides stormwater permit compliance assistance to various municipal communities throughout Massachusetts. This includes NPDES Construction general permitting as well as site civil stormwater design compliance to ensure projects meet the Massachusetts stormwater standards. Projects include a wide variety of types including parks and recreational facilities, municipal buildings (DPW, Highway Facilities, Treatment Plants, etc.), transportation projects, utility projects, private development and various types of remediation projects.

Environmental Inspection Services, Various Locations, New England. Provided environmental inspection services and prepared weekly/daily compliance control monitoring reports in accordance with Orders of Conditions issued by conservation commissions as they pertained to construction services. Completed these services for a number of multi-disciplinary projects, including building demolition, dam rehabilitation/reconstruction, site development, utility installation, energy development, and other construction projects throughout MA and NH.

JAMES PEARSON, PE

BACKGROUND

2015-Present
Project Manager
Weston & Sampson

2013-2015
Project Engineer
Weston & Sampson

2011-2013
Project Engineer
RH2 Engineering

2002-2011
Engineering Technician
Thornton Engineering

2001-2002
Engineering Technician
Precision Structural Engineering

EDUCATION

2002
Bachelor of Science
Civil Engineering
Oregon Institute of Technology
Magna Cum Laude

PROFESSIONAL REGISTRATION

Professional Civil Engineer:
Massachusetts No. 50675
Maine No.13334
New Hampshire No. 14212
Oregon No. 69365
California No. 80272

PROFESSIONAL AFFILIATIONS

Boston Society of Civil Engineers Section of the American Society of Engineers (BSCES)

American Water Works Association (AWWA)

New England Water Works Association (NEWWA)

Professional Engineers of Oregon

James, a project manager at Weston & Sampson, has 15 years of experience in design, analysis, and construction for a diverse range of projects, including water distribution systems, sewer pipelines, storm drainage conveyance and treatment systems, site planning and design, and structural and roadway design. His skills include computer-aided site/infrastructure design and modeling, hydrology and hydraulic analysis, floodplain modeling, structural modeling, and surveying.

SPECIFIC PROJECT EXPERIENCE

Langone Park & Puopolo Playground, Boston, Massachusetts. Site/civil engineer responsible for reviewing on-site grading and drainage to ensure project compliance with Massachusetts DEP stormwater policy and BWSC criteria and ensure proper site drainage. Design efforts include sizing, design, and specifications of on-site drainage facilities and coordination with landscape design to ensure a seamless design.

Harambee Park, Boston Parks and Recreation Department, Dorchester, Massachusetts. Site/civil engineer for Phase 1 Improvements to Harambee Park, one of the city's largest open space assets. Efforts included record research of existing utilities, field investigation of on-site drainage, sewer and water infrastructure, and coordination with proposed design to mitigate utility conflicts. Design effort also included sizing of on-site storm drainage systems to meet BWSC criteria.

Fallon Field Playground, Boston Parks and Recreation Department, Roslindale, Massachusetts. Site/civil engineer for improvements to Fallon Field Playground in Roslindale. The project involved the installation of new playground equipment, surfacing, and pedestrian walks. Efforts included review of landscape grading and drainage design and recommendations and design direction to the design team to ensure compliance with BWSC stormwater policy.

Hobart Park Improvements, Boston Parks and Recreation Department, Brighton, Massachusetts. Site/civil engineer for improvements to Hobart Park in Brighton. The project involved the re-design of recreational space and the addition of a water play feature. Efforts included review of landscape grading and drainage design and recommendations and design direction to the design team to ensure regulatory compliance and technical feasibility for proposed stormwater improvements and water service connections.

Lincoln Park Site Work, Somerville, Massachusetts. Provided site/civil engineering services for the development and refinement of Lincoln Park, including the design of large subsurface stormwater detention/infiltration chamber fields beneath a soccer field and a baseball field. Designed this underground stormwater collection system to a capacity of 189,000 gallons (a 25-year storm event) to provide much needed detention storage to relieve the city's combined sewer system while providing as much groundwater infiltration as possible. Also designed a rainwater harvesting cistern to allow some of the stormwater to be re-used for on-site irrigation of the fields.

Weir Riverfront Park (Former FB Rogers site), Taunton, Massachusetts. Provided site/civil engineering services at the former FB Rogers site for redevelopment as the new Weir Riverfront Park on the Taunton River. Park features will include a boat launch ramp and dock, and a small parking lot that will accommodate trailers, standard, and accessible parking stalls. The park will feature LID stormwater design practices in the form of rain gardens, maximized open recreational lawn spaces, and minimized impervious paving.

Stormwater Recharge System, Hanover, Massachusetts. Performed site design, drainage calculations, and best management practice construction drawings for a stormwater recharge system under MassDEP's Sustainable Water Management Initiative. Work was performed to retrofit an existing parking lot at a municipal building.

Stormwater Management Systems for DPW Site, Northborough, Massachusetts. Designed on-site stormwater management systems for as part of the Phase 1 upgrade of a DPW facility. Upgraded the on-site drainage system to include stormwater BMPs such as deep sump hooded catch basins, vegetated swales, a sediment forebay, and an open detention/infiltration basin to provide improved protection for wetlands immediately downstream of the site.

Drainage System for Water Treatment Plant Site, Norton, Massachusetts. Developed drainage and piping layouts for a 2.1-million-gallon-per-day water treatment facility. Site work included grading and excavation for a 90,000-gallon-per-day infiltration basin.

Wayland Landfill/Transfer Station/DPW Facility, Wayland, Massachusetts. Assisted with permitting for a new DPW facility adjacent to the town's landfill and transfer station, which required permitting and wetland mitigation for an access road passing through several hundred feed of sensitive floodplain, wetland resource area, and wildlife habitat. Successfully helped the town navigate the permitting process and used advanced 3D modeling techniques to accurately analyze and design the mass earthwork required to comply with permits. Also developed a stormwater design to enable the project to comply with Massachusetts Stormwater Standards. Designed special amphibian crossing measures to minimize wildlife crossings across the roadway's surface.

Distribution Center Site Work, Taunton, Massachusetts. Developed site design plans, drainage plans and calculations, and wetland replication design and grading for the expansion of a private developer's distribution center.

Site Plan Peer Review, Tewksbury, Massachusetts. Performed peer review services for site development plans in conformance with the town's subdivision rules and regulations.

Water Treatment Plant Site Work, Chatham, Massachusetts. Designed yard piping, site grading, and infiltration system for a 1-mgd water treatment plant.

DPW Facility Roadway Plans, Wayland, Massachusetts. Developed roadway design plans for an access route to the new Wayland DPW facility. Design included roadway grading, culvert replacement, critter passages, drainage design/calculations, and habitat/wetland mitigation measures.

ALYSSA PECK, PE

BACKGROUND

2017-Present
Project Manager
Weston & Sampson

2013-2017
Project Engineer
Weston & Sampson

2005-2012
Engineer
Weston & Sampson

2002-2005
Project Assistant
Technology Transfer Center
Durham, New Hampshire

2004
Estimating Assistant
J.H. Lynch & Sons, Inc.

EDUCATION

2005
Bachelor of Science
Civil Engineering
University of New Hampshire

PROFESSIONAL REGISTRATION

Professional Engineer:
Massachusetts (#49074)

Title 5 Approved Soil Evaluator

PROFESSIONAL SOCIETIES

New England Water Environment Association

Water Environment Federation

American Council of Engineering Companies, Massachusetts

WTS

HONORS

2012 New England Water Environment Association Young Professional Award

Alyssa is a project manager working for Weston & Sampson's civil site/transportation programs. Her responsibilities include roadway, septic, and stormwater management design, soil evaluations and percolation tests, development of site plans and building concepts for Department of Public Works (DPW) facilities, contract document preparation, surveying, and AutoCAD services.

SPECIFIC PROJECT EXPERIENCE

Lincoln Park Site Work, Somerville, Massachusetts. Provided site/civil engineering services for the development and refinement of Lincoln Park, including the design of large subsurface stormwater detention/infiltration chamber fields beneath a soccer field and a baseball field. This underground stormwater collection system was designed with a capacity of 189,000 gallons (a 25-year storm event) to provide much needed detention storage to relieve the city's combined sewer system while providing as much groundwater infiltration as possible. Civil/site design efforts also included a rainwater harvesting cistern to allow some of the stormwater to be re-used for on-site irrigation of the fields.

Recreational Facilities, Billerica, Hopkinton, Hamilton, Waltham, and Natick, Massachusetts. Project civil engineer for recreational facility projects. Provided civil engineering design for athletic fields, parks, and recreational pathways. Designs included parking lot and sidewalk layouts, grading, drainage, and site utilities. Tasks included soil evaluations and percolation tests for stormwater solutions; preparation of permit applications for several authorities, including municipal Planning and Zoning Boards and Conservation Commissions; developed of construction plans and bid documents; and construction administration.

Parkhill Park, Fitchburg, Massachusetts. Provided civil/site engineering for the development of state-of-the-art athletic fields/facilities within this 50-acre Works Progress Administration (WPA)-era park.

Greenwood Park, Worcester, Massachusetts. Provided civil engineering/site design services for improvements to Greenwood Park, including water-based recreational features and many other park improvements.

Institute Park Improvements, Worcester, Massachusetts. Provided civil engineering/site design services for improvements to Institute Park, including a new walking path, park entrances, utilities, and tennis courts.

Fallon Field Playground, Roslindale, Massachusetts. Providing civil/site design and construction administration services for this playground improvement project. This playground includes many non-traditional play elements, features universal accessibility throughout, and is home to the tallest slide structure in Boston.

Tacoma Street Playground, Worcester, Massachusetts. Providing civil/site design services for the development of design plans for the Tacoma Street Playground. The playground is under-utilized and underserves the population in this part of the city. Designs include construction of a synthetic turf field and lighting.

First & Railroad Street Park/Playground, Fitchburg, Massachusetts. Provided civil/site engineering for renovations to this important community park. Upgrades included pathways, layouts, utilities, and a basketball court.

Cochituate Rail Trail, Framingham, Massachusetts. Engineer for the design and development of construction documents for a 1.25-mile fully accessible multi-use trail along an abandoned former MBTA rail bed. Work involved the design of a pedestrian/bicycle trail that begins at Route 30 (adjacent to the future Natick Rail Trail) and travels northerly, crossing multiple driveways and two bridges over the Cochituate Brook before connecting to School Street.

Worcester Common Restoration, Worcester, Massachusetts. Provided civil engineering/site design services for the $5 million restoration of historic Worcester Common, located downtown adjacent to the historic high-empire style Worcester City Hall. Provided engineering support for the reestablishment of historic pedestrian linkages and entrances; site utilities; and new amenities for civic and cultural events and activities.

Coes Reservoir Park, Worcester, Massachusetts. Provided civil/site design services for the development of a master plan and multiple phases of park improvements for public open space lands surrounding Coes Reservoir. Worked collaboratively with our environmental team on this project that involves cleanup of the former Coes Knife property and dam in conjunction with the park design.

Peggy Hannon-Rizza Recreation Complex, Billerica, Massachusetts. Prepared construction plans and bid documents for the municipal recreation complex.

Robbins Farm Field Renovations, Arlington, Massachusetts. Provided civil/site engineering and design services for this park upgrade project involving schematic design, design development, construction documents, bid phase services, and construction administration.

Mill Road Drainage Improvements, Falmouth, Massachusetts. Engineer for the Mill Road drainage improvements, which included design of 1,350 linear feet of roadway, as well as design of a stormwater runoff solution in a shallow groundwater condition near wetlands.

Horseneck Beach Stormwater Runoff Improvements, Westport, Massachusetts. Engineer for this Department of Conservation and Recreation project, which included grading and drainage design for a 25-acre beach parking lot.

MICHAEL COLEMAN

BACKGROUND

2008-Present
Estimator
Weston & Sampson

1979-2008
General Manager
Coleman Construction Company, Inc.

EDUCATION

1969
Bachelor of Science
Civil Engineering
University of New Hampshire

Michael is responsible for estimating and bidding, scheduling, value engineering constructability analysis, job cost analysis and data storage, and retrieval as estimator for Weston & Sampson. Additionally, he is responsible for obtaining and reviewing quotes from vendors, subconsultants, and suppliers to ensure conformance to contract document requirements. Projects include both private and municipal clients and involve construction and upgrades to water and wastewater collection, distribution, and treatment equipment.

Michael also provides construction superintendent services. In this position, he coordinates all site construction activities and supervises all field personnel as required to successfully complete the project on schedule and within budget. His responsibilities include maintaining the highest quality, supervising all trade and field personnel, while administering good construction safety practices with all on-site activities. Michael maintains the job site office and supervises project close-out.

SPECIFIC PROJECT EXPERIENCE

Labine Public Space, Nashua, New Hampshire. Provided construction superintendent services.

Tide Gate Repair Project, Gloucester, Massachusetts. Provided construction superintendent services.

Wastewater Treatment Facility, Plymouth, Massachusetts. Provided cost estimation for a design/build project for new WWTF and utilities infrastructure for a private client.

Phase I Wastewater Treatment Facility, Hillsborough, New Hampshire. Provided construction superintendent services.

Phase 1A & 1B upgrade, Babson Water Treatment Plant, Gloucester, Massachusetts. Provided construction superintendent services.

Phase II Improvements, Water Pollution Control Facility, Kittery, Maine. Provided construction superintendent services.

Coleman Construction Company, Inc. As general manager, responsibilities included cost estimating and bidding, project management, and office management. Also served as the primary project manager and estimator for multiple Wastewater Treatment Facilities and Pump Stations from 2003 through 2006.

JEFFREY SANTACRUCE, PE, PTOE

BACKGROUND

2018-Present
Senior Project Manager
Weston & Sampson

2011-2018
Project Manager
McFarland Johnson, Inc.

2010
Project Engineer
Kleinfelder/SEA

2002-2009
Project Manager
Greenman-Pedersen, Inc.

1997-2002
Access and Utility Supervisor
New Hampshire DOT Highway
Maintenance District 5

EDUCATION

1994
Bachelor of Science, cum laude
Civil Engineering
University of New Hampshire

PROFESSIONAL REGISTRATION

Professional Engineer:
Massachusetts No. 50065
New Hampshire No. 10650
Connecticut No. 0030580
Vermont No. 91133
Maine No. 13637

Professional Traffic Operations
Engineer # 4394

PROFESSIONAL AFFILIATIONS

Institute of Transportation Engineers

New Hampshire Institute of
Transportation Engineers
(Past President 2016-2017)

Jeffrey is a senior project manager with more than 20 years of experience leading highway and traffic engineering/transportation planning projects throughout New England. His projects have included roadway reconstructions, traffic signal design, safety improvements, traffic calming strategies, roundabout design, and Complete Street designs. Jeffrey is also experienced in drainage design, structural design, hydrologic/hydraulic analysis, cost estimating, construction inspection, public outreach, and the environmental approval process.

SPECIFIC PROJECT EXPERIENCE (with former employer)

Route 103 Traffic Calming and Roundabout, Warner, New Hampshire. Traffic engineer responsible for traffic engineering design and initial layout of the proposed roundabout. Project included traffic calming and motorist safety measures, roundabout design, improved driveway access to local businesses, and a park and ride lot.

Sea Street Improvements, Barnstable, Massachusetts. Project manager responsible for overall project coordination, project design, public outreach, scheduling, and subconsultant coordination. Project involved evaluating alternatives and developing final design plans for this heavily visited vacation and tourist corridor to incorporate pedestrian and bicycle facilities, as well as streetscape elements to provide a Complete Street.

Transportation Improvements Planning Study for US 3 and NH 25 Corridor, Meredith, New Hampshire. Traffic engineer responsible for traffic engineering analysis and design of signalized intersection improvements, as well as review of all pavement marking and sign installation for NHDOT. Work involved community planning and public outreach consistent with Context Sensitive Solutions principles, as well as assessment of capacity, safety, and operational challenges within the study limits; transportation modeling; and traffic counting and analysis.

East Main Street Improvements, Barnstable, Massachusetts. Project manager responsible for overall project coordination, project design, public outreach, scheduling, and subconsultant coordination. Project involved evaluating alternatives and developing final design plans for this heavily visited vacation and tourist corridor to incorporate pedestrian and bicycle facilities, as well as streetscape elements to provide a Complete Street.

Downtown Main Street Complete Street Project, Concord, New Hampshire. Traffic engineer responsible for traffic engineering analysis and design of the signal intersection improvements, as well as review of all pavement marking and sign installation. Project involved converting Main Street's four-lane vehicular roadway to a two-lane roadway with wide lanes to accommodate bicycles and enlarged sidewalks with prominent bump-outs, new lighting, and LED Blank-Out panels with a "No Right Turn" indication to increase pedestrian safety.

Winchester Street Reconstruction, Keene, New Hampshire. Traffic engineer responsible for traffic engineering analysis and design and geometric roadway layout. Project involved evaluating alternatives and developing design plans for this heavily traveled corridor to include pedestrian and bicycle facilities, as well as streetscape elements to provide a Complete Street leading to the College.

Rivier University Civil Sidewalk Project, Nashua, New Hampshire. Project manager responsible for overall project coordination, project design, overseeing the traffic analysis of the proposed improvements, and the preparation of design plans, specifications, and bid documents for the crosswalk and signal design. The pedestrian crosswalk design utilized Rectangular Rapid Flashing Beacons (RRFB), bump-outs, and an advance warning sign and flashing beacons linked to the pedestrian crosswalk push button.

Peverly Hill Road Complete Street Reconstruction Project, Portsmouth, New Hampshire. Project manager responsible for overall project coordination, project design, public outreach, scheduling, subconsultant coordination, and the proposed roadway and intersection design. Project included a new sidewalk and a shared-use path, roadside plantings, and improved safety through traffic calming, as well as coordination with New Hampshire Division of Historical Resources and cultural resource agencies.

Lakeside Avenue Complete Street Project, Laconia, New Hampshire. Project manager responsible for overall project coordination, project design, public outreach, scheduling, subconsultant coordination, and the proposed roadway and intersection design on a fast-track timeline. Area sits within a Nationally Registered Historic and Nationally Registered Archaeological Site and the appropriate state agencies were involved in the review process.

Route 106 Environmental Study, Loudon, New Hampshire. Project engineer responsible for traffic and safety analysis of entire corridor including segment and intersection analysis for New Hampshire Department of Transportation. Project consisted of collecting engineering design and environmental data, providing a noise report and design alternatives, preparing preliminary plans and plans for public display, and creating a design report for this fast-track project. An innovative 2 plus 1 lane design was incorporated to reduce the overall number of lanes required while providing for improved safety, thus reducing the environmental impacts.

LAURENCE KEEGAN, JR., PE

BACKGROUND

2003-Present
Project Manager/Team Leader
Weston & Sampson

1997-2003
Civil Section Leader/Project Manager
Sverdrup Civil, Inc./
Jacobs Engineering, Inc.

1988-1997
Principal
Transportation/Civil
Hoyle, Tanner & Associates, Inc.

1981-1988
Civil Project Engineer
Sasaki Associates, Inc

1979-1981
Civil Engineer
City of Waltham

EDUCATION

1979
Bachelor of Science
Civil Engineering
Northeastern University

PROFESSIONAL REGISTRATION

Professional Engineer:
Massachusetts No. 33708
Connecticut No. 16864
Rhode Island No. 7220
Florida No. 71344

PROFESSIONAL SOCIETIES

American Society of Civil Engineers

Boston Society of Civil Engineers Section

Institute of Transportation Engineers (ITE Fellow)

Massachusetts Highway Association

Massachusetts Water Works Association.

Larry has nearly 40 years of experience in the design of civil/site and transportation projects, serving as project manager for many of them. He has managed projects for a number of public agencies and a variety of municipal clients, creating and managing project budgets and personnel. He also provides constructability reviews.

SPECIFIC PROJECT EXPERIENCE

Improvements to LoPresti Park, East Boston, Massachusetts. Led the site/civil engineering work for this Boston Parks and Recreation Department project, which involved constructing a state-of-the-art synthetic turf field (funded in part by the U.S. Soccer Association), realigning and renovating the harborwalk promenade to serve as the spine of the park and provide for pedestrian circulation, rotating fields for game play and practice to allow for efficient site use, and positioning the most-used elements of play for improved park safety and access.

Traffic Management Plan for Boston Convention and Exhibition Center Demolition Project, Boston Redevelopment Authority. Involved in the design of a traffic management plan for the BRA's BCEC demolition project. Coordinated the plan with the phasing of the demolition work, and included review meetings with the city and other concerned agencies to gain consensus on the designs.

Traffic Mitigation Plan Designs, Waltham, Massachusetts. Designed traffic mitigation plans for the demolition of buildings at the former site of the Army Corps of Engineers headquarters in Waltham.

Minuteman National Historical Park (NPS), Lexington, Massachusetts. Lead civil engineer/civil project manager for the study of traffic circulation, roadway realignment, and mitigation. Redesigned utilities as required by the proposed layouts. Studied alternative access locations to the park and prepared designs for future use. Designed a bicycle/pedestrian underpass under Hanscom Drive to allow pedestrians to travel the site bike paths unimpeded from local traffic. Evaluated traffic signals and proposed mitigation designs for multiple intersections.

Plains Park and Pine Street Playground Renovations, Portsmouth, New Hampshire. Managed the site/civil engineering tasks for improvements to the parks, including drainage conditions, safety, play equipment and play value, streetscape, park entrances, improved accessible pedestrian circulation, new parking areas, and turf upgrades.

Ceylon Street Playground, Boston, Massachusetts. Led the site/civil engineering tasks for this artificial turf field/playground improvement project for the Boston Parks and Recreation Department.

Greenwood Park, Worcester, Massachusetts. Provided civil engineering/site design services for improvements to Greenwood Park, including water-based recreational features and many other park improvements.

Rockwood Field, Worcester, Massachusetts. Provided civil/site engineering for the Phase 1 program for Rockwood Field, a four-acre recreational facility adjacent

to Worcester State College that includes a full-size NCAA modern baseball facility and an NCAA softball facility suitable for Little League play.

Michigan Avenue Link and Marsh Avenue Traffic Study, Fort Myers, Florida. Project manager for a traffic control needs study to determine if a future signal was warranted at this intersection located approximately one-half mile north of State Road 82. Performed ATR counts, manual RMC and pedestrian counts, and isolated intersection capacity analyses using Synchro plus Sim Traffic (v6.0). Based on the existing volumes developed for this analysis, determined that the intersection of Michigan Avenue Link and Marsh Avenue did not satisfy the conditions for any of the nine warrants.

Institute Park Improvements, Worcester, Massachusetts. Provided civil engineering/site design services for improvements to Institute Park, including a new walking path, park entrances, utilities, and tennis courts.

Danvers High School Athletic Complex, Danvers, Massachusetts. Provided technical review services for the comprehensive design, engineering, and construction of a new athletic complex including the primary synthetic turf field at the stadium, a competition-level track, bleachers for 2,600 spectators, lighting systems, a scoreboard, a baseball field and multi-purpose field, tennis courts, and other sports and site support facilities/features.

Multi-Modal Transportation Improvements, Cambridge, Massachusetts. Project manager for the design and implementation of multi-modal transportation improvements along Broadway, between First and Ames streets, in Cambridge's Kendall Square. Oversaw the design of major streetscape upgrades, bicycle lanes, turning lanes, taxi queuing areas, a bus turnaround, and major pedestrian circulation improvements in accordance with MassDOT Complete Streets criteria and ADA accessibility standards.

Coes Reservoir Park, Worcester, Massachusetts. Provided civil/site design services for the development of a master plan and multiple phases of park improvements for public open space lands surrounding Coes Reservoir. Worked collaboratively with our environmental team on this project that involves cleanup of the former Coes Knife property and dam in conjunction with the park design. Work to date includes a pedestrian bridge, relocation of historic structures, parking facilities, design and construction of the city's premier universally accessible children's playground, and establishment of a continuous greenway corridor along the edges of the reservoir.

Mayor Thomas M Menino Park, Charlestown, Massachusetts. Managed the civil/site engineering services for redevelopment of contaminated Parcel 5 into a new, universally accessible park and playground in Boston.

Route 9/Bridge Road/Look Park Reconstruction, Northampton, Massachusetts. Project manager for design and construction services to the city for the reconstruction of the Route 9/Bridge Road/ Look Park intersection. Designed a scheme for traffic signalization for the intersection and subsequently redesigned as a roundabout.

Jeffrey R. Bowman, LEED AP, EIT, CID, CLIA
Senior Project Engineer

APPLICABLE CREDENTIALS:

Engineer in Training - E.I.T.
LEED Accredited Professional, LEED AP
Irrigation Association Certified Irrigation Designer - Commercial, Golf Course
Irrigation Association Certified Landscape Irrigation Auditor
EPA WaterSense Partner

EXPERIENCE:

Project Engineer
Irrigation Consulting, Inc.
Pepperell, Massachusetts
February 1997 - Present

Research Associate
University of Maine Cooperate Extension, Department of Water Quality
Orono, Maine
April 1994 – December 1996

EDUCATION:

Bachelor of Science, Bio-Resource Engineering (1996)
University of Maine, Orono, Maine

COMPUTER SKILLS:

AutoCAD 2012
Certified Modeler, Haestad Methods WaterCAD (water distribution modeling)
Waterworks for AutoCAD (water distribution modeling)
Trimble Pathfinder Office (GPS Surveying)
MS Office Applications

PROFESSIONAL ACTIVITIES:

Member, American Society of Agricultural Engineers
Member, Irrigation Association
Member, Alumni Advisory Committee, Department of Bio-Systems Science and Engineering, University of Maine

4 Hotel Place
Pepperell, Ma 01463
(978) 433-8972

PROPOSAL FORMS

In this section, we have included the following forms and certificates requested by the Town of Brookline in your Request for Proposals (RFP):

- Proposal Signature Form
- Certificate of Non-Collusion & Tax Compliance Certificate
- Certificate of Vote
    - Weston & Sampson Corporate Certificate of Vote
- Living Wage Bylaw Certification

TOWN OF BROOKLINE, MASSACHUSETTS – PARKS & OPEN SPACE DIVISION
333 WASHINGTON STREET, BROOKLINE, MA 02445

REQUEST FOR PROPOSAL (RFP)
for
LANDSCAPE ARCHITECTURE AND ENGINEERING CONSULTANT SERVICES
at
CYPRESS STREET PLAYGROUND & ATHLETIC FIELD IMPROVEMENTS

PROPOSAL SIGNATURE FORM

THIS FORM IS TO BE SUMBITTED WITH THE TECHNICAL PROPOSAL

The Undersigned, hereafter called the proposer, having fully familiarized him/herself with all the Request for Proposal documents, hereby agrees and declares:

1. That prices inserted in the Price Proposal will cover all necessary expenses to fulfill the conditions of the contract within the time stated.

2. Pursuant to M. G. L. c. 62C, § 49A, the proposer hereby certifies that the proposer has filed all state tax returns and paid all state taxes required under law.

3. The undersigned certifies under penalties of perjury that this proposal has been made and submitted in good faith and without collusion or fraud with any other person. As used in this certification, the word "person" shall mean any natural person, business, partnership, corporation, union, committee, club, or other organization, entity or group of individuals.

The following items must be completed by the Proposer:

The Company or Consultant is:
A Corporation ✓
A Partnership _____
Individually Owned _____

Social Security or Federal Identification Number 04-2601194

Signed: (Company or Consultant Name) Weston & Sampson Engineers, Inc.

By: (Company Official) Eugene R. Bolinger, RLA

Company Address
Five Centennial Drive | Peabody, Massachusetts 01960 (headquarters)

85 Devonshire Street, 3rd Floor | Boston, Massachusetts 02109 (design studio)

Telephone Number: 617-412-4480

Facsimile Number: 978-977-0100

Email Address: bolingere@wseinc.com

TOWN OF BROOKLINE
Massachusetts

DEPARTMENT OF FINANCE

PURCHASING DIVISION

333 Washington Street
Brookline, MA 02445
617-730-2195
Fax: 617-264-6446

(This form to be submitted with the Technical Proposal)

CERTIFICATE OF NON – COLLUSION

The undersigned certifies under penalties of perjury that this proposal has been made and submitted in good faith and without collusion or fraud with any other person. As used in this certification, the word "person" shall mean any natural person, business, partnership, corporation, union, committee, club, or other organization, entity, or group of individuals.

Eugene R. Bolinger, RLA | Vice President
Signature of individual submitting bid or proposal

Weston & Sampson Engineers, Inc.
Name of Business

TAX COMPLIANCE CERTIFICATE

Pursuant to M.G.L. c. 62C, §49A, I certify under the penalties of perjury that, to the best of my knowledge and belief, I am in compliance with all laws of the Commonwealth relating to taxes, reporting of employees and contractors, and withholding and remitting child support.

Eugene R. Bolinger, RLA | Vice President
Signature of individual submitting bid or proposal

Weston & Sampson Engineers, Inc.
Name of Business

Please refer to our corporate Certificate of Vote on the following page.

CERTIFICATE OF VOTE

(This form to be submitted with the Technical Proposal)

I,_____, Clerk of

_____, hereby certify that, at a meeting of

the Board of Directors of said Corporation duly held on _____,20___, at which a quorum was present and voting (Date must be earlier than contract) throughout, the following vote was duly passed and is now in full force and effect:

"VOTED: That _____
(NAME OF OFFICER AUTHORIZED TO SIGN FOR CORPORATION)

be and hereby is authorized, directed and empowered for, in the name and on behalf of this Corporation to sign seal with the corporate seal, execute, acknowledge and deliver all contracts, bonds and other obligations of this Corporation; the execution of any such contract, bond or obligation by such _____to be valid and
(NAME OF OFFICER)
binding upon this Corporation for all purposes, and that a certificate of the Clerk of this Corporation setting forth this vote shall be delivered to the Town of Brookline; and that this vote shall remain in full force and effect unless and until the same has been altered, amended or revoked by a subsequent vote of such directors and a certificate of such later vote attested by the Clerk of this Corporation is delivered to the Town of Brookline."

I further certify that _____ is the
(NAME OF OFFICER)

duly elected _____ of said Corporation.
(TITLE)

Signed_____
(CLERK-SECRETARY)

Place of Business:_____

Date of Contract:_____

AFFIX CORPORATE SEAL

COUNTERSIGNATURE:_____
(NAME AND TITLE OF OFFICER)

In the event that the Clerk or Secretary is the same person as the Officer authorized to sign that contract or other instrument for the Corporation, this certificate must be countersigned by another officer of the Corporation.

Please refer to our corporate Certificate of Vote on the following page.

Weston & Sampson

5 Centennial Drive, Peabody, MA 01960 (HQ)
Tel: 978.532.1900

Clerk's Certificate of Vote

The undersigned, Clerk of Weston & Sampson Engineers, Inc. hereby certifies that, at a meeting duly called in accordance with the by-laws, the Board of Directors unanimously passed the following resolution on December 18, 2018.

VOTED: To authorize

Bruce W. Adams	Robert A. Goober	
Jeffrey J. Alberti	Dean L. Groves	Cheri F. Ruane
Prasanta K. Bhunia	Robert L. Horner	Michael J. Scipione
John A. Bocchino	Hillary M. Lacirignola	Peter M. Smith
Eugene R. Bolinger	Blake A. Martin	Leah E. Stanton
Pompeo Casale	George D. Naslas	Daniel Tenney III
Barbara K. Cook	Kent M. Nichols	Christopher B. Wester
David M. Elmer	Frank E. Occhipinti	John J. Wright
John A. Figurelli	Christopher M. Perkins	Francis W. Yanuskiewicz
Donald G. Gallucci	Francis M. Ricciardi	

acting individually, to execute and deliver on behalf of the Corporation, contracts for Professional Services which are in the ordinary course of the Corporation's business, not including contracts exceeding $2,000,000, during the fiscal year 2019.

VOTED: To authorize Kenneth J. Bisceglio Jeffrey A. Wilson

acting individually, to execute and deliver on behalf of the Corporation, contracts for Professional Services which are in the ordinary course of the Corporation's business, not including contracts exceeding $500,000, during the fiscal year 2019.

VOTED: To authorize

Daniel P. Biggs	Jeffrey W. McClure	Stephen P. Wiehe
Gordon R. Matson	Daniel E. Sheahan	
Margaret A. McCarthy	Patrick A. Terrien	

acting individually, to execute and deliver on behalf of the Corporation, contracts for Professional Services which are in the ordinary course of the Corporation's business, not including contracts exceeding $50,000, during the fiscal year 2019.

VOTED: To authorize

Richard A. Campbell	Thomas S. Hydro	Steven K. Pedersen
James R. Fair	Laurence F. Keegan	Michael J. Richard
Kipling R. Gearhart	Brian J. McCormack	Carl W. Stone
Duane C. Himes	Tara E. McManus	John M. Sykora
		Paul V. Uzgiris

acting individually, to execute and deliver on behalf of the Corporation, contracts for Professional Services which are in the ordinary course of the Corporation's business, not including contracts exceeding $10,000, during the fiscal year 2019.

The undersigned further certifies that the above vote has not been amended or rescinded and remains in full force and effect as of the date set forth below.

Jeffrey J. Alberti, LEED AP, Clerk

Date January 4, 2019

ARTICLE 4.8
LIVING WAGE BY-LAW

SECTION 4.8.1 TITLE

This By-Law shall be known as the "Living Wage By-Law."

SECTION 4.8.2 LIVING WAGE

(a) The town of Brookline ("town") shall pay each of its employees no less than $10.30 an hour except as provided in Section 4.8.5 and in collective bargaining agreements with the town under G.L. c. 150E, section 7.

(b) The wage prescribed in paragraph (a) of this Section 4.8.2 shall be known as the "living wage" and shall be adjusted annually by the same percentage and on the same schedule relative to wage adjustments given to full-time, nonunion town employees on the town's general pay schedule, beginning in the year 2003.

(c) The living wage shall also be adjusted annually at the time of and after the adjustment set forth in paragraph (b) of this Section 4.8.2 if necessary to insure that as so adjusted, it is at least one dollar more than the state minimum wage in effect under G.L. c.151 at the time of such adjustment.

SECTION 4.8.3 MINIMUM WAGE

The compensation of employees exempted from the living wage under paragraphs (a), (b), (c) (d) and (f) of Section 4.8.5 shall be adjusted annually at the same time as the adjustment referred to in paragraph (b) of Section 4.8.2 if necessary to insure that the hourly wage is at least one dollar more than the state minimum wage in effect under G.L. c.151 at the time of such adjustment.

SECTION 4.8.4 NOTICE

The town shall provide each employee with a fact sheet about this By-Law and shall post current notices about the By-Law in conspicuous locations in town buildings and link such notices conspicuously on the home web pages of the town's Human Resources and Purchasing Departments as well as those of the Human Resources and Administration and Finance Offices of the

Public Schools of Brookline (PSB). These fact sheets and postings shall include:

(a) notice of the living wage amount;

(b) notice of the town minimum wage amount under Section 4.8.3;

(c) a summary of the By-Law provisions;

(d) notice that a person claiming to be aggrieved by a violation of this By-Law may file a grievance under the town's Human Resources By-Law (Section 3.15.11) or, if a PSB employee, a complaint with the Assistant Superintendent for Human Resources or such other person with similar authority and duties or, if a covered employee under Section 4.8.6(a), a complaint with the town's Chief Procurement Officer or the Board of Selectmen as provided under Section 4.8.6(c); notice that upon exhaustion of this administrative remedy, such person may seek appropriate legal relief.

SECTION 4.8.5 EXCEPTIONS

The town shall not be required to pay the living wage to the following persons:

(a) seasonal employees who work less than six months in any twelve-month cycle;

(b) employees participating in a work-study or cooperative educational program;

(c) employees whose positions are funded, in full or in part, by Community Development Block Grant or State Elder Services Grant monies;

(d) town library Junior Library Pages;

(e) Putterham Meadows Golf Course rangers;

(f) town junior, part-time positions funded by a Recreation revolving fund, specifically, Jr. Swim Coach, Jr. Swim Instructor, Jr. Lifeguard, Jr. Skate Guard, Jr. Referee, Jr. Assistant Recreation Leader, Jr. Camp Counselor, Jr. Camp Instructor, Jr. Skate Concessions;

(g) volunteers and all persons appointed or elected to town committees;

(h) elected officers of the town.

SECTION 4.8.6

a. Definitions:

In construing SECTION 4.8.6, the following words shall have the meanings herein given, unless a contrary intention clearly applies.

Covered employer means anyone who has been awarded a service contract or subcontract with the Town after the effective date of the By-law.

Covered Employee means any employee who performs direct services for the purpose of fulfilling the covered employer's contractual obligations, provided however, employees who perform services that are incidental to the execution of the contract are not covered employees.

Person means one or more of the following or their agents, employees, servants, representatives, and legal representatives: individuals, corporations, partnerships, joint ventures, associations, labor organizations, educational institutions, mutual companies, joint-stock companies, trusts, unincorporated organizations, trustees, trustees in bankruptcy, receivers, fiduciaries, and all other entities recognized at law by this commonwealth,

Services means the furnishing of labor, time, or effort by a contractor and/or covered employer.

Service contract means a contract for services awarded to a vendor by the town for no less than the following amounts: (i) $25,000.00 for contracts commencing in fiscal year 2006, (ii) $10,000.00 for contracts commencing in fiscal year 2007 (iii) $5,000.00 for contracts commencing in fiscal year 2008 and thereafter. Any bids opened prior to fiscal year 2006 shall not be subject to this article.

b. Application of Living Wage By-Law to Contracts

After the applicable date of this By-Law, the guidelines outlined in the Living Wage By-Law, Section 4.8.2 Living Wage,

shall apply to all service contracts of the Town of Brookline.

These guidelines shall be followed to ensure that all covered employers shall pay their covered employees (both as defined above) providing services to the Town of Brookline and any of its Departments a Living Wage as defined in Article 4.8 Section 2.

c. Enforcement

Grievance procedures and nondiscrimination. Any covered employee who believes that his or her employer is not complying with requirements of this article applicable to the employer has the right to file a complaint with the town's Chief Procurement Officer or Board of Selectmen. Complaints of alleged violations may also be filed by concerned citizens or by a town official or employee. Complaints of alleged violations may be made at any time and shall be investigated promptly by or for the officer or board that received the Complaint. To the extent allowed under the Public Records Law, G.L.c.66, statements, written or oral, made by a covered employee, shall be treated as confidential and shall not be disclosed to the covered employer without the consent of the covered employee.

Investigations. The Chief Procurement Officer or Board of Selectmen who received a complaint, as aforesaid, shall investigate or have the complaint investigated and may, in conjunction with the Town Counsel, require the production by the covered employer of such evidence as required. The covered employer shall submit payroll records (meaning records that relate to wages paid) upon request, and the failure to comply with the request may be a basis for terminating any contract between the parties. Upon receipt by the town of information of possible noncompliance with the provisions of this article, the covered employer shall permit representatives of the Chief Procurement Officer or Board of Selectmen to observe work being performed upon the work site, to interview employees and to examine payroll records, the books and records relating to the payrolls being investigated, to determine whether or not the relevant payment of wages complies with this By-Law.

Retaliation and Discrimination Barred. A covered employer shall not discharge, reduce the compensation of, or otherwise discriminate against any employee for making a complaint to the Town or otherwise asserting his or her rights under this article, participating in any of its proceedings or using any civil remedies to enforce his of her rights under the article. The Town shall investigate allegations of retaliation or

discrimination and may, in conjunction with Town Counsel, and in accordance with the powers here in granted, require the production by the employer of such evidence as may be deemed necessary or desirable during such investigation.

d. Remedies

In the event that the town shall determine, after notice and hearing, that any covered employer has failed to pay the living wage or has otherwise violated the provisions of this article:

(1) The town may pursue the following remedies and relief:

a. Fines not to exceed $300.00 for each week, for each employee found to have not been paid in accordance with this article; and

b. Suspension of ongoing contract and subcontract payments.

(2) If the covered employer has failed to pay the living wage, the town may terminate all service contracts with the covered employer unless appropriate relief, including restitution to each affected covered employee, is made within a specified time.

(3) If the covered employer has discharged, reduced the compensation or otherwise discriminated against any covered employee for making a complaint to the town, otherwise asserting his or her rights under this article, participating in any of its proceedings or using any civil remedies to enforce his or her rights under the ordinance, the town may terminate all service contracts with the covered employer unless appropriate relief, including restitution to each affected covered employee and reinstatement of each discharged covere d employee, is made within a specified time.

SECTION 4.8.7 SEVERABILITY

If any portion or provision of this By-Law is declared invalid or unenforceable by a court of competent jurisdiction or the Office of the Attorney General, the remaining provisions shall continue in full force and effect.

Updated May 28, 2015

Weston & Sampson certifies that we will comply with the Town of Brookline's Living Wage bylaws, stated above.

CERTIFIED BY:

Signature: _____ Title: Eugene R. Bolinger, RLA | Vice President

Vendor: Weston & Sampson Engineers, Inc. Date: January 4, 2019

PRICE PROPOSAL FORM

Weston & Sampson is committed to providing maximum value on all our projects, and we are pleased to provide our proposed costs to collaborate with the Town of Brookline as part of this playground and athletic field improvement opportunity. Given our professional qualifications and experience with similar projects, Weston & Sampson is well positioned to provide expert services for this initiative. As always, we are willing to modify our scope and budget to meet the needs of the town and would be happy to meet with you to further discuss our qualifications, as well as our approach, schedule, and pricing.

HOURLY RATES

Proposed Team Member	Hourly Rate	Proposed Team Member	Hourly Rate
Eugene Bolinger	$210	Timothy Sheehan	$170
Cheri Ruane	$190	Mark Mariano	$140
Jeanne Lukenda	$170	Richard Campbell	$190
Brandon Kunkel	$160	Scott Bruso	$160
Michael Moonan	$160	Thomas Strike	$160
Cassidy Chroust	$110	Daniel Marchand	$160
Amanda Gaal	$105	Anthony Zerilli	$150
Evan Andrikos	$105	James Pearson	$150
Michael Easler	$105	Alyssa Peck	$140
Cassie Bethoney	$105	Michael Coleman	$180
Rachelle McKnight	$100	Jeff Santacruce	$190
Jeffrey Bowman (Irrigation Consulting, Inc.)	$160	Laurence Keegan	$190

METHODS OF PAYMENT

The town indicates a willingness to negotiate a fee schedule with the selected consultant and states a preference for a cost plus type structure with payment to be made by task completed. For information only, we offer that most of our contracts for projects of this nature are lump sum, with the lump sum values often being established as a percentage of the project construction cost. Services outside of basic services (e.g., survey, borings, test pits, permitting, etc.) are often covered through separate allowances.

For this project, we are amenable to an arrangement favored by the town and suggest that the precise contract type and method of payment be discussed and agreed upon as part of the negotiation process. Our sole interest is to provide maximum value to the town within a framework that is fair to both sides.

In relation to completing the price form included with the RFP, we have attempted to add some additional detail to our pricing for Task 2, which includes multiple phases of design, Design Committee interactions, and field work. For further context, we have also assumed a construction budget in the range of $3.5M to $4M based on the scope of desired improvements listed in the RFP. We hope this is helpful.

PRICE PROPOSAL FORM

On the following page, we have provided our Price Proposal Form; it identifies our proposed costs for all phases and tasks. We have based this pricing information on our understanding of the opportunity, our experience with similar projects, the scope of services outlined in the RFP, and the information we have included in Section 2, *Technical Proposal.* However, we are amenable to discussing or refining our approach to pricing in a way that is mutually beneficial and agreeable to the town.

TOWN OF BROOKLINE, MASSACHUSETTS - PARKS & OPEN SPACE DIVSION
333 WASHINGTON STREET, BROOKLINE, MA 02445

REQUEST FOR PROPOSAL (RFP)
for
LANDSCAPE ARCHITECTURE AND ENGINEERING CONSULTANT SERVICES
at
CYPRESS STREET PLAYGROUND & ATHLETIC FIELD IMPROVEMENTS

PRICE PROPOSAL

Company's Name: Weston & Sampson Engineers, Inc.
Name of Individual or Company Making Proposal

The prices quoted and totaled below include the cost of all labor, materials, insurance, and all other necessary expenses to fulfill the conditions of the contract. All travel costs to be incurred by the contractor shall be paid by contractor.

The following detailed price proposal is based upon the Scope of Services. Consultants are encouraged, where appropriate, to propose creative, innovative and cost effective approaches to the Scope of Services. The Technical Proposal and Price Proposal may reflect modifications or alternative approaches to the general Scope of Services.

Task 1: Project Kick-off and Familiarization	$6,000
Task 2: Preliminary Design, Design Development & Design Review Process*	$184,000
Task 3: Construction Documents for Bid Package	$110,000
TOTAL PRICE	$300,000

The Town of Brookline reserves the right to choose any or all of the phases or tasks to be resulting from this RFP. **Consultants MUST provide pricing on all phases and tasks**. Some of the phases and tasks may not be awarded and deleted phases and tasks may be assumed by the Town.

Five (5) copies (one original and four copies) of each complete Price Proposal or a PDF shall be submitted.

***TASK 2 - ADDITIONAL BREAKDOWN**

2a. Preliminary Design		$60,000
2b. Design Development		$74,000
2c. Design Review Process		$24,000
2d. Field Work & Testing		$26,000
	Task 2 Total Price	$184,000