



Megan Raymond is a technically proficient recognized expert in inland and tidal wetlands, geomorphology, and watershed science. Her strong academic background and extensive project experience allows for an efficient understanding of the form and function of project areas. Megan focuses on landscape position, hydrological support, vegetative extent, and existing and potential stressors to evaluate the capacity for ecosystem recovery and dictate intervention. She is a process-based thinker who commands strong communication skills and appreciates multi-disciplinary design teams in project development and implementation.

Years of Experience

7 years with the firm | 18 years with other firms

Professional Registrations

- Professional Wetland Scientist
- Registered Soil Scientist
- Certified Floodplain Manager

Education

- MS, Physical Science. College of William & Mary Virginia Institute of Marine Science
- BS, Geological Sciences & Environmental Sciences (Double Major), Tufts University

Project Experience

Mansfield Apartments Redevelopment Environmental Impact Evaluation, Mansfield, CT

Project Manager for the Mansfield Apartments Redevelopment Environmental Impact Evaluation (EIE). Prepared the EIE report, coordinated team meetings, presented the project in the scoping meeting, and presented the findings of the EIE, in addition to all other CEPA requirements.

Mill Brook Bog, Freetown, MA

Project Manager for the Mill Brook bog wetland restoration project in Freetown, Massachusetts. Working with the landowner and multiple project partners, Megan is leading a design team to develop detailed site drawings to facilitate the restoration of approximately 150-acres of a retired cranberry bog and an approximately one-mile reach of the perennial stream, Mill Brook, located in the Taunton River watershed. The design drawings relied on a robust data collection effort, which encompassed surface water and groundwater monitoring through data loggers, geotechnical investigation and QAPP preparation, ground and drone facilitated topographic survey, HEC-RAS modeling, and wetland delineation and characterization. The goal of the project is to create a minimally managed landscape and restore the natural capacity of the wetland systems by removing legacy impact from farming.

West River Tidal Wetland Restoration, Guilford, CT

Characterized and inventoried tidal wetlands to develop a permittee responsible mitigation project to compensate for roadway elevation project impacts. The selected site was within the West River estuary, at the start of the New England trail, and the project entails salt marsh restoration and salt marsh creation over a 7-acre area. Interventions include tidal creek restoration, common reed eradication, thin layer deposition (TLD), and excavation to create a tidal inlet. Utilized unmanned aerial system (UAS) to develop LiDAR topography mapping and color infrared spectrometry images for vegetation mapping. The use of infrared images will allow for efficient comparison of pre and postproject vegetation assemblages during the 10-year monitoring program.

Guilford Yacht Club, Guilford, CT

Project Manager for the Guilford Yacht Club basin. Working with water resource engineers, SLR developed a detailed model of the West River estuary south of a railroad bridge to determine sedimentation patterns within a man-made dock basin. Deployed dataloggers to measure water surface elevations over a six-week period. The purpose of the project was to develop alternatives to the basin design that would minimize the frequency of dredging, which currently measures 10,000 -12,000 CY annually. The management costs are increasing exponentially and presenting challenges to stakeholders.

High Street Bridge Replacement and Dam Removal, Bridgewater, MA

Inland wetland delineation and functional assessment and project permitting (MEPA, NOI for Ecological Restoration, 401 Water Quality Certification, Chapter 91) to authorize the removal of a dam and replacement of a bridge on the Town River in Bridgewater. The project will have a significant impact on fish passage as this is the most downstream dam on the Town River and its removal will provide an open connection to Narragansett Bay.

East Shore Park Living Shoreline, New Haven, CT

Project Manager of a benthic assessment to assist the City of New Haven in placing proposed rock sills along the 3,000 linear feet of shoreline on New Haven Harbor in conjunction with a living shoreline project. Working with the benthic data and geomorphology of the manipulated coastline, Megan instructed rock sill location, composition, and geometry.

Sachem's Head, Guilford, CT

Project Manager for a roadway elevation project in Sachem's Head community of Guilford. Megan led the coastal resources assessment and worked with roadway and coastal engineers to develop alternatives to adapt two existing sections of roadway in Sachem's Head for sea-level rise. Located within a mile of each other, the two roads were starkly different in energy regimes, with one located in a rocky headland land contact beach with persistent but variable wave field and the other low energy still water flooding under expected tidal amplitude oscillations. Deployed data loggers in each area to measure water surface elevations and prepared regression analyses to correct to NOAA tidal monitoring stations.

Savin Rock Beach Nourishment, West Haven, CT

Project Manager for state and federal beach nourishment permits at Savin Rock beach on Long Island Sound.

Fearing Brook Naturalization Project, Amherst, MA

Project Manager of the Fearing Brook Naturalization project, a project with the Massachusetts Division of Ecological Restoration, in Amherst, Massachusetts. The goal of the project is to improve water quality within Fearing Brook in order to minimize impacts to a downstream sensitive receptor, the Fort River, which has been identified as providing habitat to the federally endangered dwarf wedge mussel. Megan is managing all phases of the project and is directly involved with field work to identify existing geomorphic, ecological, and wetland conditions within the watershed, identifying restoration opportunities as well as implementing the selected restoration project.

McCabe's Brook Stormwater Planning, Shelburne, VT

Delineated and characterized wetland and watercourse resources as a component of a stormwater planning project. Classified wetlands in accordance with Vermont Wetland Rules and summarized existing wetland functions and values. Consideration was made as to the existing vegetative and hydrologic regime of existing wetland resources and informed stormwater modeling and design. Project goal was to maintain existing characteristics of adjacent wetland systems by modulating stormwater quality and quantity from existing and proposed site improvements.

Moon Brook Restoration, Rutland, VT

Delineated and characterized wetlands within two impounded systems – Piedmont Pond and

Combination Pond - in the Moon Brook watershed in central Vermont to facilitate a watershed planning project. Classified wetlands in accordance with Vermont Wetland Rules and identified primary wetland functions and values. Existing conditions data and resource area locations were utilized to inform project design to retain and enhance existing wetland functions.

Dartmouth College - Trescott Road & Oak Hill Solar Array Site Feasibility Study, Hanover, NH

Delineated USACE wetlands and waters of the US within several parcels totaling more than 400 acres. Completed desktop review of existing site conditions. Both field and graphically wetland delineations were completed on eight project sites on campus. Vernal pool surveys were completed during the spring to confirm the presence of obligate vernal pool breeding species. Compiled base mapping using LIDAR imagery, wetland boundaries, vernal pool boundaries, and Hanover zoning buffers to help the college determine potential solar array sites.

Groton Consolidated Middle School, Groton, CT

Delineated wetlands for the new construction of Groton Consolidated Middle School in the Poquonock Bridge section of Groton, CT.

Cutler School and Westside School, Groton, CT

Delineated wetlands for the construction of two new schools on sites with existing schools to be demolished.

Long-Range Facilities Plan for Wethersfield Schools, Wethersfield, CT

Delineated wetlands in support of site tests for the planning for new elementary schools in the Town of Wethersfield.

Central Middle School Athletic Fields, Greenwich, CT

Delineated wetlands for the conversion of the existing natural grass athletic fields into lighted synthetic turf fields at Central Middle School.

Greenwich Country Day School Athletic Fields, Greenwich, CT

Delineated wetlands in support of this project to renovate athletic facilities and development of a new parking lot at the Greenwich Country Day School.

I-84 Highway Corridor Study (CTDOT Project No. 34-349), Danbury, CT

Performed wetland delineation and functional assessment of state and federal wetlands located within the highway right of way. Prepared an inventory and analysis of the NEPA study area identified for the highway improvement project, which encompasses 16.74 square miles in western Connecticut. Assessed existing stormwater infrastructure to evaluate direct and indirect pollutant vectors. Inspected culverts within the highway right-of-way for conveyance potential from both a flood-flow and habitat perspective.

Greater New Haven Water Pollution Control Authority Environmental Impact Evaluation, New Haven, CT

Project Manager for the completion of an Environmental Impact Evaluation (EIE) for the Greater New Haven Water Pollution Control Authority (GNHWPCA) Phase 3 Water Quality Improvement Master Plan. Megan prepared the EIE report and completed all facets of the CEPA process.

Eversource Potential Solar Array, Dalton, MA

Completed wetland and watercourse delineation in accordance with the 310 CMR 10.00 Massachusetts Wetland Protection Act to pursue a feasibility assessment of a potential solar installation on an 80-acre parcel in Dalton. Confirmed wetland resource area boundaries and non-jurisdictional status.

Eversource Line 1043 Structure Replacement Project, Newtown, CT

Completed wetland and watercourse delineation services, vernal pool assessments, line lists, prepared comprehensive preliminary and final project corridor mapping, Natural Diversity Database correspondence, prepared USACE and CTDEEP permits for a 3.8 mile project corridor.

Eversource Line 1232 Structure Replacement Project, Newtown to Monroe, CT

Completed wetland and watercourse delineation services, vernal pool assessments, line lists, prepared comprehensive preliminary and final project corridor mapping, Natural Diversity Database correspondence, prepared USACE and CTDEEP permits for a 2.8 mile project corridor.

Eversource Optic Ground Wire Line, Stevenson Substation to Devon Substation, CT

Completed wetland and watercourse delineation services, vernal pool assessments, line lists, prepared comprehensive preliminary and final project corridor mapping, Natural Diversity Database correspondence, prepared USACE and CTDEEP permits for a 13.7 mile project corridor.

Eversource Line 1858, Agawam, MA to Enfield, CT

Completed wetland delineation services in accordance with CT and MA standards. Prepared a Sand Barren Habitat Management Plan for the state designated critical habitat that is located on a portion of this utility corridor.

Eversource Line 1856, Waterford to New London, CT

Completed wetland and watercourse delineation services, vernal pool assessments, line lists, prepared comprehensive preliminary and final project corridor mapping, Natural Diversity Database correspondence, prepared USACE and CTDEEP permits.

Salmon Brook Street, Granby, CT

Evaluated potential impacts to two wetland systems resulting from a residential improvement project consisting of new construction of a number of single-family dwellings and multi-unit apartment buildings on approximately 50 acres.

Johnson's Creek Living Shoreline, Bridgeport, CT

Project Manager of the Johnson's Creek Living Shoreline project. Completed tidal wetland delineation, coastal resources characterization and ecological community identification in the western branch of Johnson's Creek. Working with the City, designed a coastal access trail.

Congress Street Bridge, Bridgeport, CT

Tidal wetland delineation, coastal resources assessment, Federal, state and local permitting in support of the reconstruction of the Congress Street bridge.

Wetmore's Marina, Westbrook, CT

Coastal resources assessment, tidal wetland and intertidal flat delineation, state and local permitting relative to proposed improvements at a water dependent marina.

State-listed Flora and Fauna & Critical Habitats

Rentschler Field, East Hartford, CT

Conducted eastern box turtle sweeps in conjunction with land clearing and grubbing to facilitate a parking lot expansion. Relocated identified individuals in suitable adjacent habitat.

Residential Development, Danbury, CT

Conducted site assessments to identify the extent of state-listed species of special concern sub-shrub sand blackberry (*Rubus cuneifolius*). Following population mapping, prepared a species relocation and monitoring plan to transplant the complete population.

Residential Development, Middletown, CT

Conducted field work to map existing ecological communities on a 51-acre undeveloped property. Site work included habitat assessment for state-listed vascular plants, avian and reptilian species. Evaluated proposed project within context of mapped habitat to avoid encroachments into preferred habitat areas.

Institutional Development, Groton, CT

Conducted field work to map existing ecological communities on a 44.1-acre property, which was flagged for state-listed herbaceous, avian and reptilian habitat. Identified special wetland types and

worked with the design team to avoid direct and indirect disturbances to sensitive ecological areas and/or preferred habitat.

Tidal Estuary, West Haven, CT

Designed proposed dredging project to increase hydrologic conveyance within a densely developed landscape adjacent to an estuarine embayment. Suggested stormwater quality improvements. Designed dredging dewatering area to avoid conflict with state-listed critical habitat. Identified areas within an expansive tidal wetland complex for restoration that included hydrologic and vegetative means.

Flood Mitigation Projects

Living Shoreline, Bridgeport, CT

Conducted field work to flag tidal wetlands and identify coastal resources in order to design a living shoreline and propose public access within a densely developed neighborhood adjacent to a tidal estuary. Work included proposed stormwater improvements, establishing necessary earth work to realize a tidal wetland system and proposing suitable plant material.

Beach Nourishment, Milford, CT

Assisted in the design of two large-scale beach nourishment projects to assist in flood hazard mitigation. Completed necessary state and federal permitting to authorize the projects. Enhancement measures included habitat features to provide additional nesting habitat for state and federally listed shorebirds.

Bulkhead Replacement, Branford, CT

Conducted site assessments to flag tidal wetlands and map coastal resources on the Branford coast. Worked with design team to avoid impact to critical habitats and implement "soft" engineering techniques.

Permitting

Edith Reed Wildlife Sanctuary, Rye, NY

Permitting Manager and Lead Scientist for the Edith Reed Wildlife Sanctuary Living Shoreline project at Playland Park. Megan conducted a geomorphic assessment of the coastline, examining substrate, vegetation and energy regimes to 6-feet MSL. The observations provided the basis of design for an integrated living shoreline project that includes boulder sills, reef balls, tidal wetland planting and a coastal berm, vegetated with fruit-bearing woody species to support insects and migrating birds. Spoke at numerous public meetings and stakeholder and advisory conferences to develop community buy-in and support of the project.

Uncas Leap Heritage Park, Norwich, CT

Permitting Manager for improvements to Uncas Leap Heritage Park. Delineated watercourses and wetlands, and prepared local wetland and zoning applications to authorize enhancements at the Park.

Old Field Creek, West Haven, CT

Permitting Manager for the Old Field Creek restoration project. Delineated tidal and inland wetlands and prepared permit applications to authorize dredging and channel restoration. Prepared an invasive species management plan to address common reed and Japanese knotweed monocultures within the estuary.

Cove River Tide Gates and Public Access, West Haven, CT

Permitting Manager for the Cove River tide gate replacement and public access project. Delineated tidal wetlands and evaluated coastal resources. Led project strategy and permitting efforts to streamline review times. Completed state and federal permitting to authorize the project.

Town of Guilford, CT

Federal and state permitting assistance for a number of coastal roadways and structures in the Town

of Guilford. Working with the town engineer, evaluated a number of different permittee responsible mitigation options to compensate for direct tidal wetland impact.

Thames Shipyard and Repair Company, New London, CT

State and Federal permitting relative to routine maintenance and reconfiguration of a number of different shoreline structures within a water dependent shipyard.

Lake Success Business Park, Bridgeport, CT

Site evaluation, ecological community mapping, local and Federal permitting relative to the dredging of a 19.4-acre inland pond.

Coastal

Barnum Landing, Bridgeport, CT

Provided technical assistance for proposed ferry terminal relative to the Connecticut Coastal Management Act.

Cross Sound Ferry, New London, CT

Project Manager overseeing design and permitting of Cross Sound Ferry and Thames Shipyard maintenance and upgrade projects. Complete coastal resources assessments and essential fish habitat consultations to inform project design and permitting. Prepare state and Federal permit applications to authorize dredging, bulkheads and facility expansion in the Thames River and Orient Point.

National Coast Guard Museum, New London, CT

Project Manager for licensing and permitting the National Coast Guard Museum. Prepared a National Environmental Policy Act (NEPA) Supplemental Environmental Assessment (SEA) and state and Federal permits to authorize bulkhead and fill on Thames River. Complex project strategy was involved to satisfy Federal and non-governmental stakeholders as well as regulators.

Environmental Assessments & Environmental Impact Evaluations

Ridge Hill, Yonkers, NY**

Prepared a portion of the Environmental Impact Statement for a mixed-use commercial and residential development in Yonkers, New York. Prior field work included wetland delineation, vernal pool evaluation, and Indiana bat habitat assessment.

Chappaqua Crossing, Chappaqua, NY**

Prepared a portion of the Environmental Impact Statement for a mixed-use commercial and residential development in Chappaqua, New York, that included detailed ecological communities mapping and wildlife habitat evaluation. Prior field work included wetland delineation and bog turtle survey.

Sho Fu Den, Forestburgh, NY**

Delineated wetlands, mapped ecological communities and prepared impact assessment on 100-acre site in Sullivan County, New York, related to a site redevelopment.

Emerald Necklace, Boston, MA**

Conducted a wildlife habitat evaluation to identify the variety of habitats from Jamaica Pond to the Charles River in Boston, Massachusetts. Presented findings at a community meeting and in report format.

Franklin Park, Boston, MA**

Evaluated existing ecological communities in Franklin Park including dense assemblages of non-native vegetation. Using these data, management recommendations for the park were formulated including recommendations on the trail system, invasive vegetation, and forest management.

State University of New York Purchase, Purchase (Harrison), NY**

Prepared Environmental Assessment for campus improvements. Performed intensive report writing addressing existing site conditions, evaluation of potential impacts, and mitigation measures of

**Denotes experience completed at another firm

proposed project. Delineated inland wetland and watercourse resources on an 80-acre portion of a 500-acre campus. Verified wetland boundaries through a Jurisdictional Determination with the US Army Corps of Engineers. Assisted with design layout to buildings to minimize wetland impact.

Pace University, Pleasantville, NY**

Prepared Environmental Assessment for campus improvements. Performed intensive report writing addressing existing site conditions, evaluation of potential impacts, and mitigation measures of proposed project. Provided construction oversight of freshwater pond restoration.

CTDOT & Linear Trail Projects

Farmington Canal Heritage Trail, Cheshire, CT**

Conducted construction monitoring for eastern box turtle and eastern ribbon snake.

Housatonic Railroad, Newtown, CT **

Assisted Housatonic Railroad in addressing a number of areas requiring corrective measures on the site, including sedimentation and erosion control and invasive species management.

Bridge & Culvert Projects

Aspetuck Ridge Road, New Milford, CT**

Delineated wetlands and watercourses along project corridor. Reviewed CTDEEP NDDDB GIS mapping and FEMA floodplain mapping to determine needs for federal and state permits. Assisted in local wetland permit application.

Mill Street, New Milford, CT**

Delineated wetlands and watercourses along project corridor. Reviewed CTDEEP NDDDB GIS mapping and FEMA floodplain mapping to determine needs for federal and state permits. Assisted in local wetland permit application.

East Rock Road, New Haven, CT**

Delineated wetlands and watercourses along the project corridor. Assisted with local permit process.

Culvert Replacements Multiple Locations, New Haven, CT**

Delineated wetlands and prepared local and state permit applications to replace combined sewer outfalls on the Quinnipiac River.

Pond Restoration

Edgewood Park Pond, New Haven, CT**

Designed and permitted ecological restoration of a low-functioning tidally influenced inland pond. Prepared pond dredging conceptual plans, computed sediment removal volumes, collected sediment samples for chemical parameter analysis, and evaluated costs associated with preparing regulatory permits and final design plans. Relocated wildlife prior to dredging. Prepared and obtained regulatory permits from state agencies and local planning commission. Provided construction inspection oversight services including monthly site inspections, sediment and erosion control reports, and communication with local regulatory agencies.

Choate Pond Restoration, Pace University, Pleasantville, NY**

Designed and permitted ecological restoration of a low-functioning pond in central portion of university campus that served as a stormwater sink. Conducted preliminary bathymetric assessment. Prepared and obtaining necessary permits from U.S. Army Corps of Engineers and New York State Department of Environmental Conservation (NYSDEC). Conducted construction oversight including appropriate dewatering and sedimentation control techniques. Designed and supervised revegetation of the pond banks and upland island features.

Yorktown Middle / High School Campus Pond Restoration, Yorktown, NY**

Provided ecological consulting services to improve biological viability of the small (less than 0.5-acre) inland pond. Prepared and obtained ACOE permits. Relocated wildlife prior to dredging. Monitored site

**Denotes experience completed at another firm

during construction.

Westport Inland Pond to Tidal Wetland Conversion, Westport, CT**

Designed, permitted, and provided construction oversight to fill a low-functioning man-made freshwater pond and shift the resources seaward by breaching a berm that thwarted tidal flow on the property for decades. Obtained local, federal, and state permits. Area is a high functioning halophytic dominated tidal wetland occupying approximately 0.6-acres on the residential property.

Inland & Tidal Wetland Mitigation Design, Implementation & Post Construction Monitoring

Sabine Farm, Greenwich, CT**

Designed a wetland mitigation package comprising restoration, creation and preservation components into the site design in order to mitigate direct wetland impact for nine wetland crossings on the site. The mitigation package was of import due to number of sensitive resources on the property, including box turtle habitat, slimy salamander habitat and six vernal pools.

Westport Tidal Wetland Creation, Westport, CT**

Provided post-construction monitoring for tidal wetland creation that allowed for the genesis of high marsh, low marsh and tidal pool components. Monitored the site for five years and submitted annual monitoring reports to CT DEEP and ACOE.

Commercial Development, Monroe, CT**

Created a wetland mitigation design that allowed for the restoration of a non-vegetated man-made pond in concert with permitting a large commercial development on the property.

Forest Avenue, Rye, NY**

Developed and permitted a dune restoration project on 400-feet of shoreline in the Parsonage Point section of Rye. Shoreline had been affected by recent large-scale storms resulting in extensive shoreline destabilization. Permitted the project through town land-use agencies and state entities.

Riverine, Palustrine, Lacustrine, and Estuarine Studies

Echo Bay, New Rochelle, NY**

Conducted an existing conditions survey of a 25-acre former armory parcel with direct frontage on Echo Bay, an estuarine water body that is fed by Long Island Sound. Characterized coastal resources in conjunction with New York State Department of Environmental Conservation (NYSDEC). Participated in design team charrettes to identify appropriate concepts for land-use within the upland portion of the site and identify potential options for shoreline stabilization and enhancement.

Stony Brook Restoration, Darien, CT**

Prepared design, impact evaluation and assessment and regulatory permits for the improvement of the Stony Brook corridor in order to address flooding concerns. Project involved daylighting sections of piped watercourse and creating floodplain habitat where appropriate.

Trout Brook Restoration, Southbury, MA**

Delineated inland wetlands and identified brown trout habitat along sections of a high quality watercourse. Monitored adjacent road reconstruction. Directed field crews to recreate stream bed and bank habitat consistent with existing conditions.

Listed Species Flora & Fauna Surveys

Proposed Mixed-Use Commercial & Residential Development, Chappaqua, NY**

Performed a Phase II Bog Turtle survey in accordance with the requirements of US Fish and Wildlife Service (USFWS) within a 4-acre wetland meadow in Chappaqua, New York.

**Denotes experience completed at another firm

Proposed Residential Subdivision, Greenwich, CT**

Biological survey completed for amphibian threatened species, the Northern slimy salamander (*Plethodon glutinosus*). Numerous populations were observed and the preferred slimy salamander habitat was mapped and prioritized for conservation.

Eastern Box Turtle Survey, Northeastern United States**

Conducted numerous surveys for the eastern box turtle in Connecticut, Massachusetts, and New York.

Shellfish Survey, Housatonic River Valley, CT**

Conducted surveys for state listed tidewater mucket and eastern pond mussel in various locations along the Housatonic River.

Tree Surveys

Wilton Sewer Line, Simsbury, CT**

Conducted extensive tree survey on a 1-mile section of road and identified tree species and size of trees. Trees greater than 15 inches in diameter breast height (DBH) received numbered identification tags.

Proposed Residential Development, Stratford, CT**

Conducted extensive tree survey to identify species and size of trees. In addition, all trees greater than 15 inches in diameter breast height (DBH) received numbered identification tags.

Invasive Species Management & Revegetation Plans

Middle Farms, Fishers Island, NY**

Prepared invasive species management plan to address small colonizations of black swallow wort and porcelain berry within a native 40-acre grassland. Supervised annual burn of approximately one third of the meadow on a rotating basis.

Chappaqua Crossing Invasive Species Management Plan, Chappaqua, NY**

Inventoried existing non-native vegetation over a multi-year period within a 5-acre wet meadow in Chappaqua, New York.

Shellfish and Eelgrass Surveys

Woods Hole Residential Properties, Woods Hole, MA**

Conducted fieldwork to evaluate existing populations of commercially viable shellfish as well as presence of absence of eel grass to evaluate potential impacts of private residential piers within the Penzance Point area and adjacent properties.

Long Island Sound & Connecticut River Shoreline, CT**

Conducted site surveys for the presence of submerged aquatic vegetation (SAV) adjacent to residential and water dependent marina facilities to document existing site condition and facilitate permitting of private piers and marina infrastructure improvements.

State & Federal Permitting

Tilcon Connecticut, North Branford, Groton, & Plainville, CT**

Prepared state permits to authorize water for non-consumptive use for a number of facilities, such as sand and gravel mining operations, throughout Connecticut for Tilcon.

Office of Long Island Sound Permits (OLISP)**

Prepared OLISP permits to authorize activities along the shoreline, primarily private or communal piers and docks through a Certificate of Permission (COP) or Structures, Dredge and Fill permit.

Magellan Terminal, New Haven, CT**

**Denotes experience completed at another firm

Prepared permit applications and coordinated contractors to facilitate improvement dredging in New Haven Harbor. Coordinated with various entities to ensure appropriate off-shore disposal sites.

Gateway Terminal, New Haven, CT**

Prepared permit applications and coordinated contractors to facilitate improvement dredging in New Haven Harbor. Coordinated with various entities to ensure appropriate off-shore disposal sites.

Water Quality

Pace University Water Quality Sampling, Pleasantville, NY**

Project leader overseeing water quality sampling and preparation of water quality report. Water quality data was collected in 2015 to ascertain the water quality of surface water vectors entering a one-acre pond. Fieldwork included water sample collection and analysis. Prepared a report summarizing field data results and provided recommendations to improve freshwater pond water quality.

Wetland Delineation / Environmental Assessment

Concord Monster Golf Course, Monticello, NY**

Completed inland wetland and watercourse delineation on 1,800-acre property in Monticello, New York. Confirmed wetland boundary with Army Corps of Engineers.

Pace University, Pleasantville, NY**

Delineated inland wetlands and watercourses on the 170-acre property. Conducted a functional assessment of each wetland area. Evaluated potential impacts to each wetland area based on a proposed plan of development.

Stanwich School, Greenwich, CT**

Delineated inland wetlands and watercourses on the 25-acre site. Identified functional vernal pool habitat. Permitted campus expansion through local, state and federal entities.

Greenwich Academy, Greenwich, CT**

Completed wetland delineation and impact assessment for athletic facility.

Reader's Digest, Chappaqua, NY**

Delineated wetlands on the 120-acre site. Conducted a functional assessment of each wetland area. Evaluated potential impacts to each wetland area based on a proposed plan of development.

Salt Marsh Creation, Bridgeport, CT**

Prepared tidal wetland creation plan to mitigate for small area of halophytic vegetation loss along the Yellow Mill Channel.

Memberships and Associations

- Society of Wetland Scientists
- Society of Soil Scientists of Southern New England
- Association of Floodplain Managers
- Governor's Council on Climate Change Resilient Infrastructure and Nature Based Solutions Working Group Member, 2022

**Denotes experience completed at another firm



Thomas Daly is the US Manager of Civil & Structural Engineering and specializes in working with project architects on the planning, design, and construction of projects including educational and private clients. His project experience also involves the development of LEED certified buildings and green design approaches to site development. In addition, he assists architects and developers in guiding projects through the local and state land use approval process.

Years of Experience

30 years with the firm | 4 years with other firms

Professional Registrations

- Professional Engineer - CT

Education

- BS, Civil Engineering, Villanova University

Project Experience

Audubon Square, New Haven, CT

Served as Project Manager and provided engineering services for Phase I and II of the proposed improvements. The mixed-use development proposes to construct two new seven-story buildings and two two-story amenity buildings which will include a seven-story parking garage containing 648 parking spaces. Work included the design of utilities and stormwater management system.

Avalon Gardens, Nanuet, NY

Served as Project Engineer on a 504-unit apartment complex. The large size of the project required special attention to stormwater management and utility design.

Avalon Green III, Greenburgh, NY

Served as Project Manager for a 56-unit expansion to an existing 444-unit apartment development. Oversaw preparation of regulatory, permitting and construction drawings.

Avalon Ossining, Ossining, NY

Served as Project Manager for a 168-unit apartment community along the banks of the Hudson River. Provided survey, civil/site engineering, landscape architecture, planning, water/wastewater engineering, permitting, and construction administration services. Prepared complete site design to plan access drives, parking areas, buildings, walkways, and carports including the design of on-site sanitary and storm sewers, stormwater management areas, water distribution lines, access roads, and the preparation of a sediment and erosion control plan. Work included design of several permeable parking lots as well as water quality basins, infiltration gardens, rain gardens, and native plantings.

Avalon Somers, Somers, NY

Served as Project Manager responsible for providing civil engineering and site design services associated with the design, permitting and construction of a 152 unit multifamily residential community. Provided, civil/site engineering, landscape architecture, planning, water/wastewater engineering, permitting, and construction administration services. Prepared complete site design to plan the site layout, access drives, parking areas, buildings, walkways, and carports including the design of on-site sanitary and storm sewers, stormwater management areas, water distribution lines, and the preparation of sediment and erosion control plans. Work included design of a village green, water quality basins, infiltration gardens, rain gardens, and native plantings.

Avalon Harrison, Harrison, NY

Served as Project Manager responsible for planning of a transit oriented development project involving transforming 3.28 acres of surface parking abutting the Harrison train station into a mixed-use development with the goals of revitalizing the community and improving pedestrian access to the train station. Located adjacent to Westchester County's Harrison train station, the project consists of 143 apartments and ground level retail in three buildings, and two parking garages, one serving as a 475 space commuter parking facility.

Winchester Estates Subdivision, North Haven, CT

Provided engineering services for this project consisting of a 24-lot residential subdivision located on difficult terrain and adjacent to the environmentally sensitive Muddy River. The project required permitting from the Army Corps of Engineers under the new Connecticut Programmatic General Permit (CT PGP) for wetland impacts.

Summerwood Assisted Living Facility, West Hartford, CT

Provided civil engineering services for the planning and design of a Phase I and Phase II project for an assisted living facility for Hebrew Health Care, Inc.

North Ridge Subdivision Sewers, Cheshire, CT

Served as Project Engineer on a 78-lot subdivision. The project had been started several years earlier and stopped. Client purchased the property and required services to inspect all existing utilities and design a new sanitary sewer pump station.

Homesteads at Newtown, Newtown, CT

Served as the Project Engineer for this diverse project consisting of a combination of 100 assisted, 166 congregate, and 32 independent living units. Extensive coordination required as part of U.S. Army Corps of Engineers Connecticut PGP permit and HUD financing.

Maple Woods at Hamden, Hamden, CT

Served as Project Engineer for a 100-unit assisted living facility. The project included the design of an on-site sanitary sewer, storm sewers, water distribution lines, and stormwater management areas.

Toll Brothers Communities, Ridgefield, Berlin, & Newtown, CT

Served as Project Manager responsible for the design and permitting of residential communities that ranged from 55 to 95 units. Local and state permits were required for all of these projects.

McLean Cottages, Simsbury, CT

Served as Project Manager on the development of 16 independent living units along a new cul-de-sac roadway. Completion of the design included evaluation of preexisting downstream flooding issues and adjacent wetlands.

Juniper Hill Village & Mansfield Retirement Community, Mansfield, CT

Project Manager responsible for the design of handicap accessible improvements. The project included new sidewalks and ramps to ensure that the community was fully compliant with current ADA codes.

Moss Farms Sanitary Sewer Pump Station, Cheshire, CT

Provided engineering services for the design of a sanitary sewer pumping station in conjunction with the development of a 64-lot residential subdivision. The work consisted of designing the pump station to accommodate a 500-acre sewershed with a wastewater flow rate of approximately 137,750 gpd, with a peak flow rate of 480 gpm.

Memberships and Associations

- Villanova Engineering Alumni Association
- Connecticut Developers Council
- MDC Citizens Advisory Committee for the Clean Water Project (2009-2013)



Jason Williams is a Principal Landscape Architect who provides visioning at project initiation, works to engage the public, and reimagines new spaces, from city blocks to small courtyards. His collection of work spans from regional and community master planning and conceptual site design to detailed construction plans. His projects include downtown revitalization plans, coastal resiliency/riverine restoration, multimodal/transit-oriented development plans, corporate campuses, educational facilities, parks, and linear greenways.

Years of Experience

18 years with the firm | 5 years with other firms

Professional Registrations

- Landscape Architect - CT
- National Charrette Institute (NCI)

Education

- MA, Ecological Design, Conway School of Landscape Design - Program in Sustainable Landscape Planning & Design
- BA, Cultural Anthropology, University of Montana

Project Experience

Coastal & Riverine Design

Pond Lily on the West River, New Haven, CT

Prepared conceptual designs for pedestrian walkways and overlook viewing areas. Prepared conceptual restoration planting scenarios.

Regional Framework for Coastal Resilience, Southern CT

Landscape Architect for a regional coastal resilience planning and design contract. With funding from a Hurricane Sandy Coastal Resiliency Competitive Grant, this project included the collection of potential coastal resilience projects from 10 municipalities along the Connecticut shoreline with emphasis on green infrastructure and natural systems such as living shorelines, beach nourishment, dune creation, and bioengineered revetments and bank treatments. Following a public engagement process, several resilience projects were advanced to design.

Hoosic River Revitalization, North Adams, MA

Responsible for conceptual and alternative designs for improvements to transform the Hoosic River corridor and revitalize the city along the waterfront including presenting plans to the stakeholders.

Millbrook Meadow & Mill Pond Restoration, Rockport, MA

Project Manager and Lead Landscape Architect responsible for conceptual design alternatives and Master Plan for meadow and park improvements including flood control, water quality, wetland and wildlife habitat, stream corridor, drainage and infrastructure, and dredging of two ponds.

Guilford Coastal Resilience Plan, Guilford, CT

Prepared illustrative planning graphics identifying phased neighborhood adaptation techniques.

Penobscot River Dam Removals, ME

Prepared illustrative renderings for the removal of two dams and one bypass channel illustrating before and after conditions.

Choate Pond Restoration, Wallingford, CT

Assisted with the preparation of landscaping plans for pond dredging, dam safety, and landscape and access improvements in the area surrounding and within the viewsheds of the ponds such that the water features are more of a dramatic focal point on the campus.

Winooski River, Montpelier, VT

Prepared 3D Illustration for agricultural uses along the floodplain.

Little River Fish Habitat, Passage, & Stream Restoration, Gloucester, MA

Assisted with the preparation of conceptual renderings of proposed river restoration conditions.

Fort Preble Preservation Study, South Portland, ME

Prepared master planning drawings aimed at creating a sustainable site for public access and educational purposes.

The Active River Area – A Conservation Framework for Protecting Rivers & Stream – The Nature Conservancy Publication, Boston, MA

Prepared three-dimensional illustration of the dominant processes and disturbance regimes of the active river area.

Ed Bills Pond Dam Removal, Lyme, CT

Prepared conceptual rendered plan for the Nature Conservancy that illustrated the successional restoration of a floodplain after dam removal.

Ulster County Maintenance Facility, Ulster County, NY

Prepared conceptual designs of bioengineered stream bank protection.

First Light Power Shoreline Management Manual, Litchfield, Fairfield & New Haven Counties, CT

Coauthor of the manual, that, through illustrative graphics, provides options for more environmentally sustainable stabilization techniques that include bioengineering as well as the planting of vegetative buffers. The completed manual is used for local land use regulations, and future construction activities associated with lakes/ impoundments within the region. This manual was the recipient of the 2014 Honor Award from the Connecticut Chapter of the American Society of Landscape Architects.

Stony Clove Creek Site Bank Stabilization, Phoenixia, NY

Prepared a Conceptual Bank Stabilization Options Plan that identified potential bioengineering designs currently used worldwide and identified if these techniques could be incorporated at the project site.

Hudson River PCB Management, Fort Edwards, NY

Prepared illustrative graphics for a report prepared for the U.S. Environmental Protection Agency that, after peer review of a proposed dredging plan, identified an alternative program for shoreline stabilization on six bank types adjacent to the dredge sites.

Saw Mill River at Larkin Plaza Daylighting, Yonkers, NY

Prepared three-dimensional perspective graphics illustrating the daylighting of the Saw Mill River through the urban downtown of Yonkers, New York.

Bronx River Passage & River Restoration – 182nd Dam, Bronx, NY

Prepared concept and construction drawings for the development of a rock-faced fish passage with grated canoe portage around the 182nd street dam adjacent to the Bronx Zoo.

Stone Mill Dam at the Bronx Botanical Gardens, Bronx, NY

Prepared concept plans and construction drawings for the removal of the Stone Mill Dam and relocation of an existing pedestrian trail and viewing area.

Bronx Zoo Dam, Bronx, NY

Prepared details for a decorative fish bypass, as well as construction-level planting plans that included moss spores, sedge seedlings, herbaceous plugs, and container shrubs and trees.

Mount Holly – Mill River Bank Stabilization, Mount Holly, VT

Working with Green International for VTrans, prepared concept drawings and oversaw the preparation of construction-level design documents for a progressive plan to stabilize a large rocky hillside, using curvilinear coir logs, large tree trunks, native grass hydroseeding, and sapling plantings.

Adaptation Options to Protect Against Flooding Report, Damariscotta, ME

Conceptualized coastal adaptation options and managed the production of GIS, AutoCAD, and photoshop drawings to depict these options to build resilience for downtown Damariscotta.

Flood Mitigation Master Plan, Jeffersonville, VT

Created an illustrative master plan that identifies areas for floodplain creation and flood flow swales that protect the downtown from flooding. Riparian creation areas include active pedestrian recreation trails and open space areas that become inundated during flood events.

Tuxis Pond Management Plan, Madison, CT

Provided landscape architecture services for an invasive species management plan for Tuxis Pond and an assessment of continuing an existing boardwalk around the pond and wetland community.

Hasen Pond Dam, Weston, CT

Prepared conceptual graphics for a new fish passage around an existing dam.

Boiceville Land Use Planning Feasibility Study, NY

Lead Landscape Architect for a Land Use Planning Feasibility Study for the hamlet of Boiceville located along Esopus Creek. The goal was to assist the Town, the Boiceville Community Planning Committee, and Boiceville business owners and residents to make decisions that will lead to reduced flooding and a more flood-resilient community. The hamlet has experienced severe flooding and flood-related damages, during Tropical Storm Irene in August 2011. The study involved a review of prior studies and plans; a site reconnaissance and questionnaire to understand property owners' willingness to relocate and identify potential relocation sites; and a community workshop and visioning session. SLR developed Master Plan concepts that depicted the full or partial relocation of the Boiceville business district out of the flood zone and recommendations to identify action items needed to implement the Reuse and Relocation Plan.

Planning

Woodbridge Business District Connectivity Study, Woodbridge, CT

Worked with the Town of Woodbridge to develop a Pedestrian Connectivity and Placemaking Master Plan. The project aimed to create safe, reliable, and activated multi-mobility connections throughout the business district. Developed a phasing plan and cost estimates for the proposed improvements that assisted the Town in prioritizing funding allocation to construct the recommended improvements.

Greenwich Waterfront Business Zone Review, Greenwich, CT

Prepared illustrations for zoning regulation amendments including viewsheds, public realm and coastal access requirements as well as participated in the public outreach workshops.

Groton Schools Long Range Facilities Plan, Groton, CT

Analyzed and provided master planning concepts for 29 potential school sites to assist the Town of Groton in developing a long-range plan for its school facilities, including new construction, renovation, and school consolidation. Changing demographics and aging elementary and middle school facilities in need of significant capital investment prompted the town to pursue a comprehensive long-term planning for schools.

Mystic Multi-Modal Mobility Study, Stonington, CT

Assisted with a study to determine alternatives parking and traffic improvements for the Mystic area. A survey was prepared seeking information on study area travel patterns and interest in alternative modes of moving about the study area. A license plate study was conducted along with a survey for on-street parking and public parking in downtown Mystic.

Downtown Municipal Development Plan, Torrington, CT

Assisted with the preparation of a Municipal Development Plan for the downtown area. The project included analysis of existing land use patterns, street, utilities, and traffic conditions and the formulation of strategies to improve the downtown area. Prepared conceptual hand graphics for pedestrian access and amenities along the Naugatuck River.

Upper Collinsville Mill Pond Master Plan, Collinsville, CT

Prepared master plan documents associated with enhancing and restoring the recreational, aesthetic, historical, and environmental improvements for Upper Collinsville Mill Pond. Prepared alternatives for public access along the shoreline.

TIGER Grant Application / Union Station Connectivity Project, Hartford, CT

Prepared hand-rendered perspective sketches for visual realization of future transportation improvements to aid in an application for approximately \$33.5 million in grant funds through the federal Transportation Investment Generating Economic Recovery (TIGER) Grant program.

Town Commercial Center Plan, Canton, CT

Project Landscape Architect involved in evaluating existing parking conditions and vehicular and pedestrian circulation systems. Prepared illustrative graphics used in a grant submission to the Office of Policy Management. This project was a recipient of a "Main Street Investment Fund" grant.

Ridgefield Center Study, Ridgefield, CT

Assisted with a study of the Main Street area to evaluate existing parking conditions, vehicular and pedestrian circulation systems, and wayfinding techniques.

Urban Design

Westbrook Common Revitalization Project, Westbrook, ME

Project Manager and Lead Landscape Architect for this project which sought to redesign and revitalize the existing Westbrook Common, public space and park. The goal is to increase the use of this vital public space through a public redesign effort and to encourage use by surrounding retail and restaurant uses and to encourage use as community gathering space for neighborhood and City events. This part of a larger City effort to increase economic development in this part of Downtown Westbrook. Jason led the project through a comprehensive public process and design stages from conceptual through final design.

West Avenue Master Plan, Norwalk, CT

Developed plans for pedestrian amenities associated with a complete streets program. Amenities included intersection plaza spaces, planted medians, sculptural elements along the west avenue corridor and colorful Seasonal lighting of the I-95 overpass to provide inviting gateway for visitors to this developing area. Coordinated with CTDOT for approvals.

Downtown Train Bridge Art & Lighting Improvements, Port Chester, NY

Developed conceptual alternatives for outdoor art features and decorative lighting at two MTA overpasses that create a visual gateway into downtown Port Chester. Coordinated with NYSDOT, County, and MTA for approvals.

Lowell Wayfinding Master Plan, Lowell, MA

Currently engaged with the City of Lowell in developing a wayfinding master plan for visitors and tourists arriving at attractions for the Lowell national historic park, UMass Lowell, and downtown cultural attractions.

Connectivity & Wayfinding Plan, Stamford, CT

Project Manager for this program of wayfinding, connectivity, and branding for Stamford Downtown and Harbor Point, both of which comprise the recently created Innovation District. Led a team to identify key entry points, travel paths, and decision points to create an inventive wayfinding program resulting in an intuitive and memorable experience for all modes of travel. The wayfinding project provides the

City with a comprehensive signage program that links key attractions and destinations into a cohesive, dynamic, and inviting downtown and waterfront district.

Port Chester Gateway Signage, Port Chester, NY

Project Manager assisting the Village of Port Chester in redefining the main vehicular, train, pedestrian and nautical access points in the Village into signature gateway treatments that reflect the diversity, history, and community pride of the growing regional destination.

Centre Square – Downtown Bristol Revitalization, Bristol, CT

This project is to revitalize a key section of Downtown Bristol, the former Bristol Centre Mall site, renamed Centre Square. Jason assisted with public outreach and with the determination of development methods for the site. The project created a flexible, market-supported redevelopment plan that is backed by the community, connects to and integrates well with the existing Downtown, creates a vibrant and pedestrian friendly downtown, and takes advantage of the region's growing demand for city center living.

Freight Street TOD Redevelopment Strategy, Waterbury, CT

Provided development concepts to assist the City of Waterbury and the Waterbury Development Corporation to develop a community led master plan and revitalization strategy for a 70-acre area adjacent to the City's train station.

New Britain Transit Oriented Development, New Britain, CT

Responsible for providing thought leadership and mobility analysis for three defined areas in New Britain. Created a Transportation Oriented design that identifies municipal connectivity to enhance access to city resources.

Orange Transit Oriented Development, Orange, CT

Prepared conceptual plans for a transit oriented development located at a proposed train station along the MetroNorth system in Orange, Connecticut. The project includes 250 resident dwelling units and parking garage, small office space, retail, and restaurants creating a vibrant pedestrian environment.

Torrington Walks! Design Workshop, Torrington, CT

Assisted in the charrette process to garner ideas that will improve pedestrian mobility between a downtown urban environment, adjacent woodlands, and the Naugatuck River.

East Side Corridor Development Master Plan, Bridgeport, CT

Master planning graphics that identify active and future development initiatives along the 700-acre Seaview Avenue Corridor. Created an overall illustrative plan for projects currently proposed within the corridor.

West Avenue Streetscape Master Plan, Norwalk, CT

Project Landscape Architect responsible for preparing plans for enhanced streetscape amenities and improvements to the West Avenue Corridor, including options for outdoor sculpture and decorative up-lighting of the I-95 overpass bridge structure.

Special Area Study – Downtown Shelton, Shelton, CT

Prepared three-dimensional perspective illustrations and plan view renderings as well as architectural façade treatment to envision the downtown core. Plan addressed community needs including upscale retail space and a new governmental center.

Harbor Point, Stamford, CT

Prepared construction documents for building layout and streetscape design for new residential towers.

Trumbull Street, Hartford, CT

Prepared construction drawings for the planting design of center median and granite planters in city center.

Streetscape Planning & Design Services, New Britain, CT

Prepared hand-rendered perspective drawings illustrating potential vehicular and pedestrian improvements in downtown New Britain.

Colt Gateway, Hartford, CT

Provided landscape architecture services for the design of streetscape, parking area, and landscape improvements.

Iranistan Avenue, Bridgeport, CT

Prepared conceptual plan view and elevation renderings for alternative roadway configurations.

Devon Streetscape, Milford, CT

Prepared AutoCAD drawings for conceptual design of paving pattern options and paver tiles with historically accurate imagery along U.S. Route 1.

Route 1 Streetscape Improvements, Madison, CT

Prepared color-rendered perspective illustrations and concepts for sidewalk improvements.

Streetscape Improvements & Bailey Avenue, Ridgefield, CT

Prepared AutoCAD drawings for layout and planting of parking area and streetscape improvements.

Waterbury City Hall, Waterbury, CT

Working for the Waterbury Development Corporation, produced concepts and construction drawings for a modern pedestrian plaza space at City Hall.

Trinity Baptist Church Additions and Renovations, New Haven, CT

Developed conceptual site plans and regulatory approval drawings centered around a future addition to the Trinity House. Site improvements included new accessible walkways and gathering spaces, landscaping, bicycle facilities, and on-site stormwater management that included the separation of existing combined city storm and sewer utilities.

Greenwich Avenue Improvement Project, Greenwich, CT

Provided landscape architecture services for a comprehensive infrastructure and streetscape plan for Greenwich Avenue, the commercial/retail, civic and historical center of the Town. The project includes the review of past reports from the 1940s to present, analysis of existing conditions including utility coordination, the design of vehicular and pedestrian facilities that improve the retail shopping experience, and a robust stakeholder and public engagement process that includes walking tours, a three day onsite charrette, intercept surveys, interviews and questionnaires, and social media content.

Parks & Recreation

Centre Covered Bridge Park, Lyndon, VT

Project Manager responsible for preparing conceptual design plans for a 1.5-acre parklet on the east side of the Passumpsic River, adjacent to the Centre Covered Bridge.

Patricia T. Russell Park Master Plan, Keene, NH

Project Manager responsible for the design and public engagement process associated with the construction of an active and passive recreational park along Beaver Brook in Downtown Keene, New Hampshire.

Patricia T. Russell Park Renovation and Carpenter Street Stormwater Improvements, Keene, NH

Project Manager for park renovation which included expanding passive recreation activities and amenities, designing a signature playground for all abilities, improving circulation, access, and adding a quality athletic field. The completed project will reconnect the downtown area and the general public to the waterfront through handicap-accessible walkways to the water's edge and observation and picnic areas. Extensive landscaping and rain gardens provide water quality improvements and educational opportunities. The park provides new parking, a large pavilion, and shaded bleachers for large events. Expanded recreation opportunities such as Bocce Ball and multi-use trails, opportunities for public art

and sculptures and plenty of plazas and outdoor gathering spaces.

Holmes Dam Removal & Playground Renovation, Plymouth, MA

The Town of Plymouth selected SLR to design the sixth and final restoration project on Town Brook: the removal of Holmes Dam and restoration of the stream and adjacent playground park. Served as Project Landscape Architect for the renovated park, which includes an updated state-of-the-art skate park, post-tension concrete basketball court, meandering paths with seat walls flanked by beds of native shrubs and perennials, and plaza spaces for passive recreation along the bank of the newly restored stream channel.

Slim Shad Point ADA Accessible Fishing Facility, Holyoke, MA

Project Landscape Architect for the design of a universally accessible fishing facility at Slimshad Point in Holyoke, Massachusetts. The project was designed in accordance with the Federal Energy Regulatory Commission (FERC) approved Comprehensive Recreation and Land Management Plan (CRLMP).

Reconstruction of Rockwell Park, Bristol, CT

Conducted vegetative community analysis for a 100-acre historical park. Prepared conceptual and construction plans for park playground, skatepark, baseball fields, ice skating pavilion, and 3-acre pond/wetland creation area for submission to the CTDEEP and Army Corps of Engineers. This project was the recipient of the 2011 Connecticut Chapter of the American Society of Landscape Architects Merit Award.

Commons Park, Stamford, CT

Provided design services for an urban park designed to fulfill a green space requirement as part of the development of a large-scale, commercial, retail, and residential redevelopment project in the City of Stamford's South End. Commons Park utilized by current and incoming residents and has become part of the City of Stamford's Greenway Master Plan.

City Pier Waterfront Park, New London, CT

Prepared Master Plan illustration graphics for the rehabilitation of an existing pier.

Mill River Waterfront Park (Phase II), Stamford, CT

Assisted with the design of 2,100 linear feet of Stamford's waterfront park running north from Broad Street to Scalzi Park. Work includes layout and dimensioning of trail, design of stormwater infrastructure, selection of plant materials, and coordination with Army Corps of Engineers restoration work.

University of Connecticut, West Hartford, CT

Prepared conceptual and construction drawings for athletic field improvements of three baseball/softball fields, concession facilities, and site amenities. Responsible for regulatory local approvals.

Cos Cob Park Facility Master Plan, Greenwich, CT

Responsible for planting design of this public park being constructed as an integral part of an environmental remediation site cap. Prior to its reuse as a public park, the site is subject to an extensive remediation effort.

Laurens Park, Laurens, SC

Prepared hand-drawn conceptual graphics for athletic fields, pond access, camping facilities, roads, and parking.

Miller Richardson Park, Coventry, CT

Provided park planning and conceptual site design services to create a park master plan to include baseball fields, football fields, parking, concessions, playground areas, and pavilion spaces.

Brookside & City Park, Meriden, CT

Prepared hand-rendered concepts and a Master Plan for two adjacent parks along Harbor Brook. Prepared construction documents for improvements to City Park.

West Wharf Beach, Madison, CT

Prepared hand-rendered concepts for public beach access and pedestrian amenities.

Ninth Regiment Connecticut Volunteers Monument, National Military Park, Vicksburg, MS

Prepared construction documents for monument footings and decorative concrete plaza.

Camp Chase, YMCA, Burlington, CT

Prepared conceptual master plan for 80 acres located primarily in Burlington. A large outdoor pool facility with open lawn areas and a number of recreation elements are nestled among steep hillside woodland with several streams and wetland corridors.

LARC – Camp Moe, Torrington, CT

Prepared site analysis and a conceptual master plan for a 260-acre site that includes hiking trails, wetland exploration areas, lodge activities, swimming, and boating.

Educational Site Development

Dartmouth College - Master Plan for Dartmouth's Riverfront, Hanover, NH

Prepared schematic alternatives for the reprogramming of approximately 8 acres of land along the Connecticut River. Designs included the creation of sustainable stormwater management techniques associated with reconfigured parking, a roadway, and walkways. Additional recommendations included reorganization of existing building and proposed buildings associated with crew and canoe access and a student swim dock.

Proposed K-8 Site Selection & Feasibility Study & Design, Bristol, CT

Landscape architecture services for site selection and feasibility study for two proposed K-8 schools for the City of Bristol. Prepared site construction drawings for new K-8 school including stormwater management, roads, parking, play areas, and athletic fields. This project was recipient of the 2012 Connecticut ASLA Merit Award, as well as being awarded first place, K-8 educational facility, from the Connecticut Building Congress.

Mitchell College Campus Master Plan, New London, CT

Prepared conceptual master planning documents and construction documents for improvements associated with vehicular and pedestrian circulation, housing, and a new academic building. Prepared conceptual plans and construction documents for the construction of two student plaza spaces.

Guilford High School, Guilford, CT

Involved in the design and construction detailing of four outdoor gathering spaces along with site planting design including an extensive native seeding program.

University of Connecticut, Pedestrian Improvements at Garrigus Suites & Hilltop Residence Halls, Storrs, CT

Involved in existing conditions analysis to identify specific deficiencies related to pedestrian circulation. Prepared a master plan document as part of an overall report along with conceptual design alternatives to a large student plaza overlooking the lower campus.

Wesleyan University, Fauver Field Dormitory, Middletown, CT

Prepared AutoCAD drawings for hillside meadow ecosystem adjacent to new student housing.

Ethel Walker Centennial Center, Simsbury, CT

Prepared construction-level site plans for work associated with a new athletic building expansion.

University of Connecticut, Pedestrian Improvements – Glenbrook Screening, Storrs, CT

Involved in the conceptual design and construction documentation of masonry walls and architectural steel gate panels.

Watkinson School, Hartford, CT

Prepared conceptual and construction drawings for new access drive into campus and new

environmentally sensitive parking areas associated with a new science building.

Fairfield Country Day School, Fairfield, CT

Prepared technical specifications for the preservation of historically significant trees in an area of soil removal and remediation.

University of Connecticut, Senior Square Plaza, Storrs, CT

Worked with university students to prepare construction drawings for a new plaza at the heart of the campus.

Suffield Academy Athletic Complex, Suffield, CT

Provided landscape architecture services for the expansion of an indoor athletic complex. The project involved the reconstruction of the running track, drainage improvements, removal and relocation of existing facilities, installation of new tennis courts, regrading the football field, and new fencing and walkways.

Bikeways & Greenways

Quinnipiac River Linear Park, Wallingford, CT

Provided landscape architecture services for the design of a 4-mile paved trail along the Quinnipiac River. The significant features include a pedestrian bridge over the Quinnipiac River, a pedestrian tunnel under the Wilbur Cross Parkway, and boardwalks over the wetlands adjacent to the river.

Farmington Canal Greenway, New Haven, CT

Prepared construction-level planting plans for public spaces along the proposed trail.

Swamp Rabbit Trail, Greenville, SC

Prepared illustrative perspective renderings for a proposed 118-foot pedestrian bridge.

Healthcare Facilities

Bristol Hospital Healing Garden, Bristol, CT

Landscape Architect responsible for the design of a new healing garden adjacent to the main entrance of the new cancer center. The 7,000-square-foot garden features a curvilinear, free-flowing design intended to resemble a New England stream. Design features include brick columns and retaining walls, colorized concrete depicting leaves, large boulders that function as sculptural elements as well as seating, fountain/water feature, wood bench seats, lighting, landscaping, and irrigation.

Juniper Hill Village, Storrs, CT

Prepared a site master plan that included destination areas for relaxation, walking trails, community gardens, and overall site planting.

Maplewood at Mill Hill, Southport, CT

Prepared concepts for internal courtyards and exterior destination areas around a large pond and woodland for this assisted living facility.

Commercial Site Development

Fort Trumbull Phase 2, New London, CT

Provided site design services for the complex consisting of a proposed luxury waterfront hotel and reconstruction of 90,000 square feet of office building at the north end of the Fort Trumbull parcel.

Harbor Point and Yale & Towne Projects, Stamford, CT

Provided conceptual design services for boardwalk options for a 6,000,000-square-foot waterfront development.

Seaview Plaza, Bridgeport, CT

Provided landscape architecture services for a multiuse, 16-acre waterfront development that includes a supermarket, pharmacy, general retail, and full-service restaurant uses. The planned improvements

include a neighborhood shopping center incorporating mass transit opportunities, community spaces, pedestrian-friendly streets, open spaces, waterfront development, extensive landscaping, and environmentally sustainable design practices. Seaview Plaza served as a model to teach local high school students about sustainable design as part of a professional mentoring program.

Television Broadcast Facility Campus Development & Infrastructure Improvements, Bristol, CT

Produced conceptual designs for the campus "green" interior space that includes pedestrian walkway, stone plaza spaces and an outdoor cafeteria plaza, geometric seating walls and lawn mounds, as well as revegetated pockets of varying tree species and sizes.

Former Schlumberger-Doll Research Center, Ridgefield, CT

Prepared preliminary concept plans illustrating alternative development scenarios that incorporated existing architecturally significant buildings with proposed buildings to create a new campus. Additional recommendations included environmental clean-up/liability, parcel configurations and access, open space preservation, and walking trails.

Campbell's Soup, Pepperidge Farm, Westport, CT

Prepared AutoCAD drawings for conceptual design, planting plan, and construction details for main employee entrance.

Rowayton Community Center, Norwalk, CT

Produced construction-level drawings for site improvements associated with a new facilities building and sewer replacement. Project involved the use of permeable pavers and linear rain gardens.

Belimo Manufacturing Facility, Danbury, CT

Provided conceptual design services for a new 200,000 square foot corporate and manufacturing facility. The project also included the design of access roadways, significant infrastructure and utility services, and parking for 500 vehicles.

Bozzuto's Inc., Cheshire, CT

Provided landscape architectural design services for the construction of a helicopter landing pad.

Hoffman Auto Park, Simsbury, CT

Assisted with site planning and design for expansion of an auto park consisting of a Toyota/Honda dealership, a new retail building, and a new Nissan dealership.

Residential / Age Restricted / Affordable Housing

Woods At Newtown, Newtown, CT

Prepared conceptual and construction plans for 50-acre site containing individual and congregate buildings including parking garage rooftop garden and extensive stormwater quality basins.

Wyndham Homes, Chatfield Farms, Beacon Falls, CT

Prepared conceptual and construction plans for entry features, gatehouse, and club house for active adult community.

Pulte, The Woodlands, Newington, CT

Prepared conceptual and construction drawings for the design of an entry feature.

Avalon Norwalk, Norwalk, CT

Prepared conceptual and construction drawings for the design of retail outdoor spaces and emergency access courtyard.

Soundview at Savin Rock, West Haven, CT

Prepared master plan documents for the rehabilitation and reprogramming of a residential tower on Long Island Sound. Prepared construction documents for new layout and landscaping features.

GDC Cheshire Crossing, Cheshire, CT

Prepared conceptual drawings for boulevard entry treatment.

Avalon Springs II, Wilton, CT

Prepared conceptual and construction documents for the clubhouse area including design of a pool and outdoor entertaining spaces.

Ridgewood at Middlebury, Middlebury, CT

Provided landscape architecture services for the design of a 320+ unit luxury condominium complex and a 9-hole public/private golf course. The development was designed to avoid impacts to the environmentally-sensitive areas of the property, optimize views, and highlight the natural features of the land. This project was awarded the "National Award" sponsored by the National Association of Home Builders for "Best Overall Landscape Design" for an Attached Community in the United States.

Covenant Village of Cromwell, Cromwell, CT

Provided design services for the development of a 60,000-square-foot, two-story residential apartment building and 10 independent living cottages located on a 37-acre campus.

Chatfield Farms, Beacon Falls, CT

Prepared conceptual graphics and construction documents for improvements associated with site entry and the design of outdoor entertainment and recreational facilities adjacent to the clubhouse.

Black Angus Farm, Berlin, CT

Performed a conceptual study of a residential community on 100 acres.

Settlers Greene, Colchester, CT

Provided design services for a mixed-use residential and commercial development project located on CT Route 16. The design included a sewage pump station on-site, a force main along Route 16, and on-site stormwater management.

Fairfield Green, Norwalk, CT

Provided landscape architecture services for a large condominium project that included site layout and grading, storm drainage design, sanitary sewer layout, and walkway layout and grading.

Avalon Shelton, Shelton, CT

Prepared conceptual and construction documents for the four mixed-use outdoor courtyard spaces.

Winnipauk Village, Norwalk, CT

Provided landscape architecture services for the condominium complex which included a tree removal and a landscape restoration Master Plan.

Ledgebrook Condominium, Norwalk, CT

Provided landscape architecture services for an established condominium complex. Services include a comprehensive plant inventory of the entire grounds, analysis and recommendations for walkways, signage, gateway features, and lighting, landscape master plan, presentation graphics, and landscape maintenance recommendations. Prepared construction sequencing plans for sediment removal of a large pond. Prepared construction drawings associated with dredging, sediment removal, and vegetative restoration of an existing pond. Prepared concepts and construction drawings for a 200-linear-foot timber and composite boardwalk.

Avalon Stratford, Stratford, CT

Prepared AutoCAD construction drawings for the club house area, outdoor gathering spaces, and pool area.

Alterra Rocky Hill, Rocky Hill, CT

Prepared conceptual rendered plans and AutoCAD construction drawings for the club house area, outdoor lounge and community kitchen, and resort-inspired pool area.

Educational & Religious Site Facilities

EcoTarium Environmental Science Museum, Worcester, MA**

Landscape study and management plan including designs for educational program areas and visitor amenity areas.

Harvest Time Assembly of God, Greenwich, CT**

Prepared site plans and construction drawings for new church facilities.

Corporate Site Facilities

The Maria Fareri Children's Hospital, Westchester Medical Center, Valhalla, NY**

Prepared conceptual design and construction drawings for main entrance to new hospital building.

Briarcliff Station, Briarcliff, NY**

Prepared conceptual and construction drawings for the revitalization a large shopping center and bank.

Silver Spring Country Club, Ridgefield, CT**

Prepared conceptual plans and construction drawings for renovated site facilities for regulatory purposes.

Ridgefield Boys and Girls Club, Ridgefield, CT**

Prepared and designed AutoCAD site and construction documents for town review.

North Castle Partners, Greenwich, CT**

Prepared construction drawings for cottage and terrace gardens.

Beacon Point Marina, Greenwich, CT**

Prepared planting plan for new site facilities and parking.

Memberships and Affiliations

- American Society of Landscape Architects (ASLA)

Additional Training

- Charrettes & Design Thinking - Harvard GSD
- Urban Retail - Harvard GSD

Awards

- 2023 Honor Award - American Society of Landscape Architects - Visioning a Historic Retail Corridor - Greenwich Avenue Greenwich, CT
- 2023 Merit Award - American Society of Landscape Architects - Woodbridge Business District Connectivity Study, Woodbridge, CT
- 2022 Excellence Award - American Society of Landscape Architects - Millbrook Meadow & Millpond Restoration
- 2020 CTASLA Honor Award - Slate School, New Haven, CT
- 2020 Atelier 10 Award of Excellence - CT Green Building Council - Slate School
- 2019 Vermont Public Spaces - Merit Award Riverfront Green Space - Lyndon, VT
- 2019 Honor Award - American Society of Landscape Architects - Slate School

- 2018 CTASLA Merit Award - ESPN Campus Green
- 2017 American Architecture Prize - ESPN Campus Green
- 2017 American Architecture Prize
- 2017 Merit Award from CTASLA for the Broadcast Company Campus Green
- 2015 CT ASLA Honor Award - Shoreline Management Manual, Litchfield, Fairfield, New Haven Counties, CT
- 2012 Merit Award CT American Society of Landscape Architects - West Bristol K-8 School
- 2011 Merit Award CT American Society of Landscape Architects - Reconstruction of Rockwell Park, Bristol, CT

CRAIG J. FLAHERTY, P.E.

President and Senior Engineer

With Redniss & Mead Since 1994
Principal since 2006
President since 2018



Professional Engineer
CT License # 21149
NY License # 093575-1



Mr. Flaherty is a proactive civil engineer who has considerable experience working on projects that enhance client properties and the communities into which they are interwoven. He has worked on projects within a variety of sectors, including education, assisted living, affordable housing, institutional non-profit, commercial, mixed-use, and residential. He is in charge of liaising with other AEC professionals to ensure integrated project solutions meet objectives. He is committed to providing high quality service to every client and project he works on.

EXPERTISE

- Zoning Consulting
- Regulatory Compliance
- Site Planning
- Storm Water Management Design
- Floodplain Management
- Watershed and River Analyses
- Sediment and Erosion Controls
- Septic & Sanitary Sewer Systems
- Road Design, reconstruction and intersection improvements

PROFESSIONAL EXPERIENCE

Craig has worked with and appeared before many boards and agencies processing local, state and federal permits, including:

- Local Planning & Zoning Commissions, Inland Wetlands and Watercourses Agencies, and Conservation Commissions
- State Department of Energy and Environmental Protection, Department of Health, and Department of Transportation
- Federal Army Corps of Engineers and Federal Aviation Administration

COMMUNITY INVOLVEMENT

Chair – Darien Sewer Commission

Chair - Darien Advisory Committee on Sustainability

Former Chair – Darien Flood Mitigation Strategy Committee

Former Commissioner – Darien Environmental Protection Commission

EDUCATION

Bachelor of Science in Civil Engineering, Lehigh University

 EMAIL c.flaherty@rednissmead.com

PROJECTS



COMMUNITY

- Brunswick School (G)
- Noroton Presbyterian Church (D)
- Fairfield Metro Center
- Darien Affordable Housing Committee
- Engineering Peer Reviews
- Highland Farm (S)
- Senior Living Development (T)
- LCB, The Residence at Selleck's Woods (D)
- Sunrise Senior Living (WL)
- Maplewood Senior Living (D)



RESIDENTIAL/MIXED USE

- Sherwood Farm & Stillman Lane (S)
- Windermere on the Lake (S)
- Noroton Green (D)
- The Commons at Noroton Heights (D)
- Wilton Heights
- The Waypointe District (N)
- Harbourside SONO (N)
- Family Landholds and Estates



CLUBS & RECREATION

- Wee Burn Country Club (D)
- Noroton Yacht Club (D)
- Greenwich Audubon Nature Center



COMMERCIAL

- Charter Communications at Gateway Harbor Point (S)
- Retail, Hospitality, Entertainment
- GenRe, 600 Steamboat (S)



TEXT AMENDMENTS

- Senior & Assisted Living
- Historic Preservation Incentives
- Residential Cluster Housing
- Adaptive Re-Use of Office

(D) DARIEN, (G) GREENWICH, (S) STAMFORD, (WL) WILTON,
(T) TRUMBULL, (N) NORWALK

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