



John D. Hecklau
Principal, Environmental Services

education

State University of New York, College of Environmental Science and Forestry, Syracuse, New York, *Master of Science in Environmental and Forest Biology*, Specializing in Wildlife Biology, 1982.

Middlebury College, Middlebury, Vermont, *Bachelor of Arts in Biology*, 1979.

professional affiliations

Member, The Wildlife Society.
Certified Wildlife Biologist, The Wildlife Society.
Planning Board Member/Chairman, Town of Kirkland, New York.
Member, American Wind Energy Association

certification

Wildlife Biologist – *The Wildlife Society*

employment history

Executive Vice President, Environmental Design & Research, Landscape Architecture, Engineering & Environmental Services, D.P.C., Syracuse, New York 2008 to Present.

Principal/Senior Ecologist, Environmental Design & Research, Syracuse, New York, 1995 to Present.

Ecologist, Environmental Design & Research, Syracuse, New York, 1989 - 1994.

Self-Employed Environmental Consultant, John D. Hecklau, Clinton, New York, 1988.

Resource Manager, Environmental Programs Division, New York State Power Authority, Marcy, New York, 1984 - 1987.

Wildlife Biologist, Connecticut Department of Environmental Protection, Burlington, Connecticut, 1983 -1984.

Wildlife Consultant, Central Park Conservancy, New York, New York, 1982 - 1983.

publications/presentations

Presenter, Herkimer-Oneida Counties Comprehensive Planning Program / Land Use Training Conference, *Marcellus Shale: Local Municipal Options*, October 2011.

Presenter, Land Use Planning Workshop, *The Benefits of Sustainable Community Planning & Design*, Jefferson Community College Center for Community Studies, April 2011.

Hecklau, J. 2010. *Technical Considerations in the Preparation of Visual Simulations of Off-Shore Wind Power Projects*. Presentation at the American Wind Energy Association North American Off-Shore Wind Conference & Exhibition. October 5-7, 2010, Atlantic City NJ.

Hecklau, J. and J. Gagliano. *Local Review of Commercial Wind Power Projects*. Presentation at Onondaga County Planning Federation Conference. January 21, 2009, Syracuse, NY.

Hecklau, J. and M. Scipioni. *Measuring Success of Wetland Mitigation & Monitoring*. Presentation at Sustainable Solutions. June 12, 2008, Rochester, NY. American Society of Landscape Architects, New York Upstate Chapter Annual Conference.

Hecklau, J. and B. Brazell. *State and Environmental Quality Review Act & Public Participation*. Presentation at Wind Energy Conference. April 5, 2008, Herkimer County Community College. Sponsored by Herkimer-Oneida Counties Comprehensive Planning Program.

Hecklau, J. 2006. *Evaluating the Visual Impacts of Wind Power Projects*. North American Wind Power. 3 (June): 48-52.

Hecklau, J. *Visual Characteristics of Wind Turbines*. Presentation at Technical Considerations in Siting Wind Developments Research Meeting. December 1-2, 2005, Washington, DC. Sponsored by the National Wind Coordinating Committee.

Hecklau, J. *Evaluating Visual/Aesthetic Impacts of Wind Power Projects*. Presentation at the Second Wind Power Project Siting Workshop, Siting Wind Power Projects in the Eastern U.S. March 8-9, 2005 Boston, MA. Sponsored by the American Wind Energy Association (AWEA).

Lamanna, B. and J. Hecklau. 2002. *The Windmills of Madison County*. New York State Conservationist. 56(5): 8-11.

Hecklau, J. *Overview of Wind Permitting Frameworks in Different Settings. Case Study 1: Madison, NY*. Presentation at New England Wind Power Siting Workshop, October 24, 2001, Boston, MA. Sponsored by the National Wind Coordinating Committee.

Hecklau, J.D., C. Palmero, E.T. Liverman and J. deWall Malefyt. 1987. *Reducing the environmental impacts of stream crossings on a 345kV transmission line in New York*. In W.R. Byrnes and H.A. Holt, eds. Fourth Symp. on Environmental Concerns in Rights-of-Way Manage. Purdue Univ., West Lafayette, IN.

Liverman, E.T., J.D. Hecklau and C. Palmero. 1987. *Minimization of soil erosion and siltation during construction of the Marcy-South 345kV transmission facilities*. pp. 241-253. In Erosion Control: You're Gambling Without It. Proc. of Conf. XVII. International Erosion Control Assoc., Pinole, CA. 335 pp.



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project experience

Jericho Rise Wind Farm – Served as Project Manager for the SEQRA review for this 37-turbine, 78 MW project, located in the Towns of Belmont and Chateauguy, Franklin County, New York. Oversaw preparation of a Supplemental EIS, a Final EIS, and multiple support studies including a Visual Impact Assessment, a Shadow Flicker Analysis, Cultural Resources Reports (Archaeology and Historic Resources), a Wetland Delineation Report, and a Rare Plant Survey. Also coordinated preparation of local Wind Energy Permit Application and wetland/stream permit applications submitted to the U.S. Army Corps of Engineers and the NYS Department of Environmental Conservation.

Sodeman Road Substation – Oversaw preparation of an Article VII Application for a new National Grid substation tying into an existing Article VII transmission line in Saratoga County, New York. Also prepared a Visual Impact Assessment (VIA), wetland delineation, and alternatives analysis for the project. Coordinated preparation of noise study and Stormwater Pollution Prevention Plan (SWPPP), and provided expert witness testimony.

Aquidneck Island Reliability Project – Oversaw preparation of the Visual Impact Assessment (VIA) for the proposed upgrade of approximately 4.4 miles of National Grid 69 kV transmission line to 115 kV in Newport, Rhode Island. The VIA also addressed construction of a new substation and retirement/removal of five substations. Specific tasks included field verification of project visibility, definition of landscape similarity zones and viewer groups, identification of sensitive resources/receptors, development of viewshed maps, preparation of visual simulations, impact evaluation, and preparation of the VIA report.

Wild Meadows and Groton Wind Farms – Oversaw preparation of Visual Impact Assessments (VIAs) and Shadow Flicker Analyses for two commercial wind power projects in New Hampshire. VIAs included viewshed analysis, photo documentation and visual simulations. Also assisted with public outreach efforts and state Site Evaluation Committee proceedings, including preparation of pre-filed testimony, response to discovery requests, and participation in a technical session and adjudicatory hearings as an expert witness.

Block Island Wind Farm – Oversaw preparation of Visual Impact Assessments (VIAs) for the proposed Block Island Wind Farm and associated on-shore transmission facilities. The wind farm is a proposed 30 MW facility located in the Atlantic Ocean, 3 miles off the coast of Block Island, Rhode Island. On-shore facilities include electrical lines, switchyards, and substations. The project involved the preparation of 28 daytime and nighttime simulations of the offshore turbines from viewpoints on Block Island and the mainland. Simulations of the above-ground on-shore components of the project were also prepared, including landscaping and architectural façade treatments of the switchyards. VIAs also included inventory of visually sensitive resources, viewshed analysis, cross section analysis, and evaluation of visual impact by a panel of landscape architects. In addition to the VIAs, managed preparation of various presentation graphics for public outreach purposes, including poster boards, animated daytime and nighttime simulation, an interactive web site, and an animated “fly-through” video of the wind farm.

Eastover Road New 230/115kV Station and Transmission Line Loops – Coordinated all environmental and civil engineering support to National Grid in their development of the proposed Eastover Road Substation and Tap Lines in Rensselaer County, New York. Services provided on this project included preparation of a Visual Impact Assessment, on-site wetland delineation and permitting, SEQRA documentation, OPRHP coordination, Part 102 report preparation, site grading, and stormwater design, wetland mitigation area design and documentation, preparation of Stormwater Pollution Prevention Plan (SWPPP), and SWPPP inspections during construction.

Hardscrabble and Hoosac Wind Power Projects – Managed environmental compliance monitoring during construction of a 19-turbine wind power project in Berkshire and Franklin Counties, Massachusetts and a 37-turbine wind power project in Herkimer County, New York. Assisted with preparation of the Environmental Compliance Manuals and provided compliance training to project contractors. Oversaw and assisted EDR field staff with daily on-site monitoring, weekly Stormwater Pollution Prevention Plan (SWPPP) inspections, preparing reports, coordinating resolution of compliance issues with Construction Site Manager and contractors, and assuring compliance with local, state, and federal permit conditions.

CWM Wetland Permitting – Conducted and oversaw multiple wetland delineation and permitting efforts on several potential landfill expansion sites at the CWM Chemical Services facility in Model City, New York. Jurisdictional wetlands on site were identified and delineated in accordance with the 1987 Corps of Engineers Wetland Manual, and delineation reports were prepared and submitted to the U.S. Army Corps of Engineers. Also participated in agency jurisdictional determinations and development of wetland mitigation area designs, including a 4.5 acre wetland mitigation area incorporated into a compensatory flood storage basin. Also provided monitoring of mitigation area success in accordance with wetland permit requirements.

Deerfield Wind Power Project – Served as project manager for the preparation of a National Environmental Policy Act (NEPA) compliant Environmental Impact Statement (EIS) for the first wind power project proposed on U.S. Department of Agricultural (USDA) Forest Service land. The project involves the proposed construction of 17 2.0 MW wind turbines on forested ridges in the Green Mountain National Forest. Project activities



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included preparation of a Public Information Plan, significant public outreach, project scoping, coordination with Forest Service staff, and review of subconsultant resource reports for inclusion in the EIS. A draft supplemental draft, and final EIS were prepared for the project. Responses to over 500 public comments on the draft EIS and 1,000 comments on the supplemental draft were prepared.

New England East-West Solution Project – Coordinated preparation of Visual Impact Assessments (VIAs) for multiple National Grid transmission system improvement projects in Rhode Island and Massachusetts. The transmission system improvements involve upgrade of existing transmission lines, construction of new transmission lines, construction of new substations, and existing substation upgrades. Prepared VIAs for each project that included the identification of existing visually sensitive resources, photo documentation of existing views, and description of existing landscape character along over 75 miles of proposed transmission line route. Viewshed analyses of existing and proposed facilities were conducted, and over 20 visual simulations were prepared and rated by a professional panel of landscape architects. VIA reports were included in applications submitted to the State Utility Siting Boards. Also prepared pre-filed visual testimony, responded to discover requests, and provided testimony before the Rhode Island Energy Facility Siting Board.

Blenheim-Gilboa Pumped Storage Project – Oversaw design, construction, and post-construction monitoring of 6+ acres of wetland mitigation areas to compensate for impacts associated with slope stabilization activities at the New York Power Authority's Blenheim-Gilboa Pumped Storage Power Project in Schoharie County, New York. Mitigation plans required installation of an impervious bentonite liner, and incorporated a pedestrian path and bridge system to provide enhanced recreational and educational opportunities at the Power Authority's visitor's center. Performed five years of follow-up monitoring to document successful development of wetland characteristics.

Southern Rhode Island Transmission Project – Oversaw preparation of the Visual Impact Assessment (VIA) and Supplemental VIA prepared for the proposed upgrade and extension of approximately 26 miles of an existing National Grid 115 kV transmission line in southern Rhode Island. The effort consisted of fieldwork, definition of landscape similarity zones and viewer groups, identification of sensitive resources/receptors, development of viewshed maps and visual simulations, impact evaluation, and preparation of the VIA report. Also provided expert witness testimony to the Rhode Island Energy Facility Siting Board.

Cohocton and Marble River Wind Power Projects – Coordinated State Environmental Quality Review Act (SEQRA) compliance for these commercial wind power projects in Steuben County and Clinton County, New York. Work on these projects included project layout/environmental field review to assure that impacts on wetlands, agricultural land and ecological resources were minimized. Conducted or oversaw all environmental support studies on these projects and incorporated the results of these studies into Draft Environmental Impact Statements. Prepared Supplemental Draft Environmental Impact Statements to address project changes, and Final Environmental Impact Statements to address all public and agency comments on both of these projects. Also completed state and federal wetland permitting for the Cohocton Project.

Commercial Wind Power Project Visual Impact Assessments – Coordinated preparation of Visual Impact Assessments (VIAs) for 15 commercial wind power projects in Upstate New York. The VIAs for these projects the visual character and significant aesthetic resources with a 5 or 10 mile visual study area. Viewshed analysis, line-of-sight cross sections, field review, and computer-assisted visual simulations were used to evaluate the potential visibility and visual impact of these projects. Notable projects include the Madison, Fenner, Maple Ridge, Jordanville, Hardscrabble, Cohocton, Dutch Hill, Dairy Hills, Howard, Munnsville, Alabama Ledge and Roaring Brook projects, totaling over 1,400 MW of proposed wind power.

Maple Ridge Wind Power Project – Coordinated State Environmental Quality Review Act (SEQRA) compliance, including preparation of Draft and Final Environmental Impact Statements (DEIS/FEIS) for the largest commercial wind power project in the Northeast. Oversaw production of all support studies and directly prepared ecological, wetlands, agricultural, and visual studies for 300 MW wind power project on the Tug Hill Plateau, Lewis County, New York. Incorporate study results into the DEIS and responded to all public and agency comment in the FEIS. Also assisted with state and federal wetland permitting on the project.

Maple Ridge 230 kV Transmission Line Project – Oversaw preparation of Article VII Application to New York State Public Service Commission for a 10.3-mile-long 230 kV transmission line corridor in Lewis County, New York. Conducted ecological, wetland, and visual fieldwork, prepared Visual Impact Assessment report, and provided expert witness testimony on ecological and visual issues.

Munnsville, Fenner, and Madison Wind Power Projects – Prepared expanded Environmental Assessment Forms (EAFs) for these three commercial wind power projects in Madison County, New York. Work on the projects included project layout/environmental field review to assure that wetland impacts were avoided and impacts to agricultural and ecological resources minimized. Conducted or coordinated support studies addressing potential visual, cultural, noise, ecological, avian and agricultural impacts. Summarized results into expanded EAFs. On each of these projects the Lead Agency issued a Negative Declaration under SEQRA, indicating that no significant adverse environmental impacts were anticipated. Monitored environmental compliance during construction of the Munnsville and Madison Projects.



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LIPA Offshore Wind Park – Coordinated preliminary visual studies associated with a 150 MW offshore wind power project being proposed by the Long Island Power Authority (LIPA). Project included preparation of visual simulations from heavily used beaches and state parks on the South shore of Long Island, New York. Graphics were used for public information and outreach efforts.

Cape Wind Project – Oversaw production of visual simulations and other graphics/analysis for proposed 130-turbine offshore wind power facility near Cape Cod, Massachusetts. Prepared visual methodology write-up for project Environmental Impact Review and presented methodology at a public/agency forum sponsored by the Massachusetts Technology Forum. The project's visual impact was a sensitive issue, subject to intense scrutiny. Graphics for project were featured in New York Times Magazine article.

E-183 115 kV Transmission Line Relocation Project – Oversaw preparation of a Visual Impact Assessment (VIA) of the proposed relocation of approximately 1.2 miles of existing overhead transmission line in the cities of Providence and East Providence, Rhode Island. VIA included viewshed analysis of existing and proposed towers, line-of-sight cross sections, field evaluation/photo documentation, preparation of visual simulations, and visual impact evaluation using the ACOE VRAP methodology.

Conjunction Empire Connection Transmission Line Corridor – Oversaw preparation of ecological and visual inventories and impact evaluations undertaken in support of the Article VII Application for a proposed DC transmission line running parallel the New York State Thruway from south of Albany to New York City. The visual study assessed potential impacts of proposed overhead segments as well as converter stations for proposed underground transmission line segments. Met extremely tight 30-day schedule for completion of studies.

Reliant Energy Astoria Repowering Project – Conducted Visual Impact Assessment for proposed repowering of the existing Astoria Generating Project in Queens, New York. The study involved identification of landscape similarity zones and viewer groups, viewshed mapping, cross sections, and visual simulations. Assisted with development of visual impact mitigation options, and provided expert witness testimony.

TransEnergy Cross-Sound Cable Project – Coordinated study and prepared Visual Impact Assessment (VIA) report assessing visual impacts of submarine cable crossing of Long Island Sound. VIA focused on the visual impact of above-ground transition stations and associated structures in New Haven, Connecticut and Shoreham, New York.

Neptune Regional Transmission System Project – Coordinated study and prepared Visual Impact Assessment (VIA) report assessing visual impacts of aboveground components of submarine/underground transmission line in New York City metropolitan area. VIA focused on the visual impact of transition stations in Manhattan and on Long Island.

Ramapo Energy Project – Coordinated preparation of comprehensive visual impact analysis for a proposed 1,100 MW gas-fired power plant proposed by American National Power in Rockland County, New York. Study involved background data collection, viewshed mapping, line-of-sight cross sections, field evaluation, visual simulations, evaluation of visual impacts using the U.S. Army Corps of Engineers methodology, and exploration of various visual mitigation measures. Wrote the Visual Impact Assessment report and assisted with preparation of the visual section of the Article X Application and provided expert witness testimony. Also assisted with ecological investigations, and preparation of Application text and testimony dealing with wildlife issues.

Athens Power Project – Evaluated visual resources and visual impacts associated with construction of a 1,080 MW power plant proposed by PG&E National Energy Group. Also delineated state and federal wetlands and documented ecological conditions on the project site and along proposed off-site utility (gas, water, and electric transmission) corridors associated with the project. Assisted with field data collection, agency liaison, and preparation of a wetland delineation report and functional analysis. Oversaw preparation of the Ecological Resources and Visual Resources sections of the Article X Application, and provided expert witness testimony on potential ecological impacts. Project was the first permitted under New York's Article X power plant siting regulations.

St. Lawrence Gas – Prepared Environmental Impact Assessment Reports for proposed natural gas distribution systems in Lewis County and St. Lawrence County, New York. Reports included an inventory of environmental resources within the proposed franchise areas, as well as assessment of anticipated impacts and proposed mitigation measures. Lewis County project involved wetland delineation and permitting, and assistance with preparation of construction drawings.

Avoca Natural Gas Storage Project – Evaluated the environmental impacts of a proposed natural gas storage project in Steuben and Schuyler Counties, New York. Project included wetland delineation, vegetation, fish and wildlife inventory (including identification of endangered species and critical habitats), viewshed/visibility analysis and preparation of ecological resource reports for the Federal Energy Regulatory Commission (FERC) license applications. Reports described ecological resources within study area, along with potential impacts to these resources resulting from construction and operation of the project, and proposed means of mitigating adverse impacts.



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Central Hudson Gas & Electric Corporation, A and C Lines Rebuild Project – Oversaw preparation of an Article VII application, and associated support studies, for the rebuild of 11 miles of 115 kV transmission lines in Dutchess County, New York. Along with the preparation of the application, participated in settlement negotiations with state agencies, and oversaw production of the Environmental Management & Construction Plan (EM&CP). Will also be overseeing environmental compliance monitoring during project construction.

Article VII Compliance Monitoring – Oversaw environmental compliance monitoring on three Article VII projects in Upstate New York. Projects included a 48-mile long natural gas pipeline (St. Lawrence Gas Norfolk to Chateaugay Transmission Line), an 11-mile long 115 kV transmission line (Central Hudson A and C Line Rebuild Project) and a new substation tying into an existing Article VII line (National Grid Five Mile Road Substation). Directed efforts of on-site Environmental Monitors to assure compliance with all conditions of the project Environmental Management and Construction Plan (EM&CPs) and Stormwater Pollution Prevention Plans (SWPPPs). Assisted with environmental training of contractors, agency liaison, and reporting. Worked with agency staff and project sponsors to assure compliance with all environmental protection requirements during project construction, including protection of wetlands and streams, active agricultural land, threatened and endangered species, and archeological resources.





Steven M. Breitzka, RLA, LEED AP

Senior Managing Landscape Architect

education

Cornell University, College of Agriculture and Life Sciences, Ithaca, New York, *Bachelor of Science in Landscape Architecture*, 1998

professional affiliations

Registered Landscape Architect, New York (002507)

Member, American Society of Landscape Architects

Member, U.S. Green Building Council

Member, Town & Village of Tully Planning Board

Member, Tully Arts Council

employment history

Landscape Architect and Project Manager, Environmental Design & Research, Landscape Architecture, Engineering & Environmental Services, D.P.C., Syracuse, New York, May 2012 to present.

Landscape Architect and Senior Associate, RNL, Denver, Colorado, 2003-2012.

Landscape Designer and Office Manager, Douglas Ian Associates, Rochester, New York, 2002-2003.

Landscape Designer, Dufresne-Henry Inc., Boston, Massachusetts, 2000-2002.

Landscape Architect, RNL, Denver, Colorado, 1998-2000.

publications

"Drawing Inspiration" Landscape Architect and Specifier News Volume 27, Number 11, November 2011.

project experience

SUNY State University at Oswego, North Corridor Dormitory Project, Phase I – Senior Managing Landscape Architect – responsible for coordinating conceptual site planning and design to enhance North Corridor Dormitory project.

SUNY State University of New York at Morrisville, Academic Quad – Senior Managing Landscape Architect – responsible for coordinating schematic design and writing accompanying reports for the centralized 5.5-acre quadrangle site surrounded by the Campus academic buildings.

SUNY State University of New York at Oneonta, Physical Science Building – Senior Managing Landscape Architect – responsible for coordinating site planning and design services for \$30M renovation and addition of the Physical Science Building. The spaces on the southwest side of the building have potential to serve as outdoor classrooms displaying sustainable stormwater and native landscape initiatives. Scope includes the design of the bio-swales, meadows, and the building entry plazas. *LEED™ Silver (target rating)*.

SUNY State University at Oswego, West Campus, Onondaga & Seneca East Quadrangle – Senior Managing Landscape Architect – responsible for coordinating conceptual design for the 2-acre quadrangle site surrounded by three dormitory buildings, two dining halls, and a fitness center.

SUNY State University of New York at Plattsburgh, Hawkins Hall Pond Infrastructure Replacement – Senior Managing Landscape Architect – responsible for coordinating concept design through bid document phase services for a landscape design surrounding the historic pond. Landscape includes restoration of disturbed areas for approximately 110,000 SF (low level restoration) and 20,000 SF of plantings including trees, shrubs, and perennials. Improvements include site furniture, lighting layout, benches, relocation and restoration of memorial benches, waterfall and water aeration features.

Cazenovia College, Christakos Field Gateway Project – Senior Managing Landscape Architect - responsible for coordinating site planning and design services for design and construction documents to install gateway elements including brick clad freestanding columns, custom steel swing gates, custom metal signage and steel fencing, grading and pavement areas.

Le Moyne College, Dewitt, NY – Senior Managing Landscape Architect – developed a Statuary Placement Master Plan including final design for the St. Ignatius sculpture at the Panasci Family Chapel. Worked with nationally-recognized sculptor, Brian Hanlon of Hanlon Studios.

Le Moyne College, Dewitt, NY – Senior Managing Landscape Architect – responsible for designing multiple exterior staircase options at Reilly Hall to improve pedestrian circulation over 26 vertical feet of grade change.

Jefferson Community College, Watertown, NY – Senior Managing Landscape Architect – responsible for developing planting plan to enhance new design-build on-campus student housing project for the community college campus.

Boundary Breaks Vineyard, Lodi, NY – Senior Managing Landscape Architect – coordinated master planning / conceptual design and schematic design for a new winemaking facility and tasting room. Phase 1 includes a rustic gravel parking lot with associated landscape, walking paths, and an outdoor event space / amphitheater with a commanding view of Seneca Lake.



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project experience (cont.)

The Greens at Sunset Ridge Golf Club, Marcellus, NY – Senior Managing Landscape Architect – developed preliminary master plan options and cost estimating for the senior living community. Prepared documentation for New York State Consolidated Funding Application.

Onondaga Nation Fire House, Nedrow, NY – Senior Managing Landscape Architect – responsible for coordinating site design and landscape design for the new nation fire house and community center.

McAuliffe Health Center, DeWitt, NY – Senior Managing Landscape Architect – responsible for coordinating the site and landscape design approvals process for this adult daycare center through the Town of DeWitt Planning Board and Zoning Board of Appeals.

Embracing Age, Baldwinsville, NY – Senior Managing Landscape Architect – coordinated the concept design and the preliminary municipal review process through the Village Planning Board for the 18-acre senior living community. Project included new roadway infrastructure, stormwater management, walking paths, clubhouse amenities, and associated outdoor spaces for the 190 unit community.

Visual Impact Assessments – Landscape Architect – responsible for conducting Visual Impact Assessments (VIAs) for commercial power generation, transmission, and transportation projects. Evaluated project-related impacts on the visual character and significant aesthetic resources within a 5 or 10-mile visual study radius. Computer-assisted visual simulations were used to evaluate potential visual impact/contrast with existing landscape conditions using an objective rating protocol. Notable projects include: the Aquidneck Island Reliability Project (RI), Block Island Wind Farm (RI), Cassadaga Wind Farm (NY), Central Hudson A&C Transmission Line Re-build (NY), Copenhagen Wind Farm (NY), Crown City Wind Farm (NY), Burrillville Interconnection Project (RI), Merrimack Valley Reliability Project (NH), Scioto Ridge Wind Farm (OH), NYSDOT I-81 Viaduct Scoping Study (NY), National Grid Sodeman Road Substation (NY), and Wild Meadows Wind Project (NH).

Miron Residence, Skaneateles, NY – Senior Managing Landscape Architect – responsible for coordinating site design and approvals process through the Town Planning Board. Design includes shoreline and outdoor patios and garden spaces.

Wallace Residence, Skaneateles, NY – Landscape Architect – responsible for new deck and railing design and layout documents and modeling.

Skaneateles Country Club, Skaneateles, NY – Senior Managing Landscape Architect – responsible for coordinating preliminary design documents for Phases 1-3 of the clubhouse master plan.

Up the Creek Farm, Fairport, NY – Landscape Architect – responsible for landform design to serve as a visual and auditory buffer adjacent for a horse farm located adjacent to a major highway.

Emerson Park, Auburn, NY – Senior Managing Landscape Architect – responsible for coordinating grant application materials including a boat launch improvement master plan and cost estimate.

Katllynn Marine, Sodus Point, NY – Senior Managing Landscape Architect – responsible for coordinating overall marina master plan including updated circulation patterns, new outdoor spaces, and sustainable site initiatives.

previous experience with other firms

Research Support Facility, National Renewable Energy Laboratory, Golden, CO – Collaborated on the environmentally sensitive design for the primary entry plaza, outdoor employee café, and surrounding landscape and stormwater strategies for the 222,000-square foot *LEED™ Platinum Plus Zero Energy Building*. Initiated new submittal and review process throughout all design-build stages. Created template for campus interpretive signage program showcasing sustainable practices. Lead Quality Control for each drawing and specification submittal.

The Crossing, Church of the Nazarene, Broomfield, CO – Master planned the full build-out vision for the mixed-use 78-acre site. Designed entry experience, Great Lawn, sustainable parking areas, and plazas for Phase 1 – a 68,000 square foot church. Coordinated zoning and entitlement process through the City and County of Broomfield.

One Steamboat Place, Steamboat Springs, CO – Designed one-acre public outdoor space, outdoor pool and plaza, and overall site for the private “cowboy chic” luxury condominiums at the base of Steamboat Mountain. Developed project from concept design through construction administration. Designed signature site elements including custom lighting and outdoor fireplaces to compliment the distinctive architectural style and unique client flair. Lead Quality Control for the multi-disciplinary site design team.

Salvation Army Red Shield Community Center, Denver, CO – Lead entitlement process through the City and County of Denver including rezoning, site development, and traffic engineering plans. Designed landscape and entry plaza for the neighborhood youth center.



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Ball Aerospace and Technologies Corporation, Boulder, CO – Designed 280-space porous asphalt parking lot as part of 15-year campus implementation plan. Coordinated project through the City of Boulder entitlement and engineering process.

Eastlake Boardwalk and Overlook, Thornton, CO –Evaluated fire-proof design options for a replacement deck system. Designed innovative overlook inspired by material re-use, local stone quarries, and lightweight structure.

Lambertson Lakes, Thornton, CO – Utilized a narrative + 3D visualization approach to generate four concepts for a new trail system and landscape focused around upgraded dam projects.

Margaret Carpenter Recreation Center, Thornton, CO – Designed the 136-acre park master plan and subsequent 25-acre Phase 1 master plan including sports fields, historic carousel site, outdoor spaces, and accompanying parking.

George Eastman House, Rochester, NY – Restored historic pathways and gardens surrounding the museum.

Wellesley College, Wellesley, MA – Designed master plan for new NCAA athletic facility.

Salisbury Greenway, Brockton, MA – Designed Phase 1 and signage for the new pocket park greenway.