

During more than 30 years of professional practice in landscape architecture, Mr. Brackett has developed a well-rounded background with specific emphasis in educational, athletic and parks and recreation facilities. His expertise in the areas of office management, coordination of the construction documentation phase of contracts, and his ability to work with client groups and committees has brought effective management and consistent quality of executed work to the firm. He also has initiated the development of EDR's Buffalo office.

EDUCATION:

- State University of New York, College of Environmental Science and Forestry, Syracuse, New York, School of Landscape Architecture, *Bachelor of Landscape Architecture*, 1968.

EMPLOYMENT HISTORY:

- *Principal*, Environmental Design & Research, P.C., Syracuse, New York, 1993 to Present.
- *Visiting Instructor*, State University of New York, College of Environmental Science and Forestry, Syracuse, New York, 1993 to Present.
- *Principal*, Clark Patterson Mossien, Rochester and Newburgh, New York, 1992 - 1993.
- *Vice President and Treasurer*, Environmental Design & Research, P.C., Syracuse, New York, 1982 - 1991.
- *Principal*, CLB Management, Inc., Syracuse, New York, 1988 - 1990.
- *Principal, Secretary/Treasurer*, Holistics Management Group, Inc., Syracuse, New York 1978 - 1988.
- *Senior Associate*, Reimann Buechner Partnership, Syracuse, New York, 1972 - 1982.
- *Professional Staff*, Hueber, Hares, Glavin Partnership, Architects, Landscape Architects and Engineers, Syracuse, New York, 1968 - 1972.

PROFESSIONAL LICENSE:

- *Registered Landscape Architect*, State of New York, and Commonwealth of Pennsylvania.
- *Certified*, Council of Landscape Architectural Registration Boards.

PROFESSIONAL AFFILIATIONS:

- *Member*, American Society of Landscape Architects.
- *Member*, Council of Landscape Architectural Registration Boards.
- *Member*, New York State Board for Landscape Architecture.
- *Member*, New York State Council of Landscape Architects Boards.

PROFESSIONAL EXPERIENCE:

Principal-in-charge of over 300 commissions. Significant projects have included the following:

North Tonawanda Gateway Park Design and Implementation – Developed Packets Landing area into a dynamic “Gateway Park” that celebrates the Canal system and provides necessary services, entertainment, and shopping for canal users. The design concept included expanded transient docking and a complete redesign of the docking wall system. Includes an open pedestrian promenade along the canal as well as plaza area with pavilion for special events. Parking areas, additional planting, and lawn areas for informal park uses also designed. Facility has experienced record number of users, including 5,000 overnight boaters in first year.

Highland Park Festival Site Design and Implementation - Managed design development, construction documentation, and construction observation to provide a support facility for the famous Monroe County Lilac Festival. This created a schedule challenges since the Festival is an annual event lasting only two weeks. Two subsequent additional phases of construction were implemented.

Village of Cazenovia Streetscape Improvements – As principal-in-charge, managed study to address the main street in the Village of Cazenovia, New York. The study included an analysis of the existing conditions of the architecture, streetscape, parking, pedestrian circulation, and vehicular traffic issues. A review of the history of the village was also done in an attempt to maintain the character of the village. Recommendations for changes to the parking pattern and pedestrian pavements were made including crosswalk of vehicular pavers. Other recommendations included revisions to the walks to allow for additional tree plantings and a lawn strip which was historic for downtown Cazenovia. Other suggestions were for banners and planters to be hung from streetlights and traffic poles. Lastly, the study recommended a street light pole and fixture which were in character with the historic village.

Genesee Valley Park Master Plan, Site Design, and Implementation - EDR completed a comprehensive master plan for this 800-acre park under the leadership of other firm members. As a result of his experience in the construction implementation phases of projects, Mr. Brackett became the principal-in-charge when the Monroe County decided to perform the design development phase for the park. Mr. Brackett provided leadership throughout this phase. Prior to the completion of this phase the county commissioned EDR to prepare contract documents for approximately \$2.5 million in construction on the northern portion of the park. This work included the rebuilding of Moore Road through the park, major grading, parking, pedestrian circulation, a restroom building, a pavilion structure, and major planting. All this work was done with consideration for the historic Frederick Law Olmsted plan of the park. In 1994, the County commissioned EDR under Mr. Brackett’s leadership to design drainage and irrigation revisions to both 18-hole golf courses at this park. The construction was completed in the summer of 1997 at a cost of \$1.5 million.

Amherst State Park Master Plan – As principal-in-charge, developed master plan for 87-acre state park along a creek in suburban Amherst, New York. The site is rich in history (with a stone structure having served as a convent since 1923) and environmental diversity (with Ellicott Creek running through the property and lack of development except for minor agriculture). With public participation, identified passive recreation uses compatible with historic character and suburban environment.

Black Creek Park Phase I Improvements – Directed design, construction documentation, and construction observation of \$1,000,000 improvement to 1,500-acre Monroe County park. The development included the construction of a winter activity hill, lodge, restrooms, shelter, parking, park road, and walks. Additionally, nature trails were designed and located by EDR and constructed by Monroe County Parks.

Joseph Davis State Park Master Plan and DEIS – Prepared master plan for expanded development of 300+-acre state park in the Town of Lewiston, New York. The park has significant undeveloped land and frontage on the lower Niagara River. Design development included presentations to the public and involved agencies. The final master plan included provisions for expanded family-oriented park facilities such as trails for biking and jogging, picnicking, tennis and volleyball courts, and fishing and canoeing, and enhancement of the river's edge including development of a boardwalk, expanded fishing opportunities, and short-term transient boat dockage. The project involved interaction and coordination with the state Office of Parks, Recreation, and Historic Preservation (OPRHP). EDR prepared environmental impact statement (EIS) for the project, which was required by the OPRHP as lead agency under SEQR.

Greece Canal Park Master Plan, Design, and Improvements – Prepared master plan for 577-acre Monroe County Park along the Erie Canal in the Town of Greece. Phase I involved design development, construction documentation, and \$1.2 million in construction. Included stormwater control devices, canal dock and kiosk, park roads and walks, a shelter, restrooms, parking, and plantings.

Silver Lake State Park Development Plan – Prepared development plan for undeveloped land. The concept included support facilities such as parking and a restroom building for recently installed DEC boat launch. Also included picnic shelters, fishing enhancement, potential canoe concession facility, new access and connection to future nature trail development proposed for the extensive wetland in park.

Syracuse University Manley Athletic Complex Redesign – Led multi-phased project that began with a redesign of the master plan by EDR. EDR designed and produced construction documents for the total site development program with construction costs of approximately \$3.2 million. Redesign included artificial turf practice field in the center surrounded by NCAA-sanctioned 400-meter running track; two lighted grass football fields, fully irrigated; a grass soccer/lacrosse field, fully irrigated; a field hockey field; the rehabilitation of Coyne Stadium; and related parking. EDR also provided site design for the Manley Field House Football Wing Addition. A major element of this design was the Team Court area, which is a commemorative feature that pays tribute to the individual and team accomplishments of the football program.

Houghton College Suburban Campus Master Plan – Served as principal-in-charge to transform former church camp into a small college campus. The site is in a suburban area of Buffalo experiencing significant land use changes from residential to commercial. This beautiful natural site along Cazenovia Creek is one-third wetland and two-thirds upland woods made up of primarily mature maples. The design concept maintained site features and preserved original community character while providing modern college facilities. The master plan also provided for a trail system to provide public access to creek and wetland. Public use of campus athletic facilities was also planned.

Houghton College Main Campus Athletic Facilities Design and Construction – Led design and construction oversight of new athletic facilities, including all-weather track and all related field events facilities; a full-size lighted and sodded game soccer field; a sodded game hockey field, a secondary soccer field; a practice field, and six tennis courts. Also included support facilities such as parking, walks, and access drives.

SUNY Buffalo Amherst Campus Master Plan – Served as principal-in-charge for master planning for connection corridor between student housing and main academic campus in Amherst, New York. The corridor of nearly 1/3 mile and cold, windy conditions presented design challenges for weather protection, student conveniences, additional housing, community uses, and recreational opportunities. Integrated previously underused lake as an aesthetic and recreational element.

Gulick Hall Restoration, Hobart & William Smith Colleges – Managed site design for building restoration that encompassed the establishment of a major pedestrian connection between the colleges. Reinforcement of the traditional formal character of the Hobart Campus and a transition to the more informal character of the William Smith Campus were major design issues. Maintenance and service access were addressed in combination with the pedestrian circulation.

Beebe Lake Feasibility Study at Cornell University – Served as project manager for feasibility study to address uses around man-made campus landmark and to determine solutions for regular sedimentation removal in the lake.

Clarence Central Schools Expansion– Directed site design for the expansion of the middle school facility. Consisted of design for vehicular circulation, parking, bus loop, parental drop-off area, play fields, and stormwater management.

Sweet Home Central Schools Site Improvements – Designed site improvements that modified access and provided new parking. Included design work for reorientation of ball fields and stormwater management at the high school.

Tonawanda City Schools Site Improvements – Designed vehicular and pedestrian circulation at the high school including new parking and drop-off areas. Also designed the all-weather track, reorientation of baseball fields, and resurfacing of tennis courts.

Akron Central Schools Site Development – Designed vehicular and pedestrian circulation at the elementary school. Also designed two new soccer/field hockey fields, baseball, and softball fields with related bus access and parking.

Bloomfield Central Schools Site Development and Expansion – Directed site design of expansion of high school/middle school and elementary school. Included a new bus drop-off and athletic field revisions at the elementary school. The high school/middle school included a new all-weather track, parking, and public access to the auditorium wing.

Starpoint Central Schools Renovation and Expansion – Managed design, construction documentation, and construction oversight for renovation to existing school buildings and construction of new high school. The site development includes varsity and junior varsity athletic fields as well as practice fields for softball, baseball, men's and women's soccer, field hockey, football, two new tennis courts and an all weather track. Additionally a new bus loop, parking lots and parental drop-off areas were designed. Wetlands and drainage issues were also addressed as part of the site design.

Cincinnati Central Schools Renovations – Redesigned all vehicular and pedestrian circulation, drainage and athletic fields. Also designed new transportation facility. Included preparation of SEQR documentation for this new site. Oversaw stormwater management and utilities design undertaken by EDR's engineer.

Schodack Central Schools Five-Year Capital Facilities Plan – Analyzed three sites for required updates to existing facilities. Included pavement repairs and recommended revisions for safety and efficiency, drainage adjustments, athletic field revisions and additions, and utilities updates. Also prepared a master plan for the elementary school site where a significant architectural addition is proposed. This included relocation of the bus loop and parental drop-off area for separation and relief of congestion and safety issues; redesigned play fields; modified utilities; provided stormwater management and SEQR compliance assistance.

Iroquois Schools – Directed the design of stormwater management systems for the building expansion and athletic field regrading and reorientation.

Glacier Creek Office Park Design Development and Construction Administration - Served as principal-in-charge of design development and construction phases of national corporate headquarters for engineering firm in DeWitt, New York. The design concept was to use the large portion of the site which is a designated wetland as an asset. This was accomplished by working closely with the New York State Department of Environmental Conservation and the Army Corps of Engineers. Open water was created between the building and marsh, which provided aesthetic character, a physical barrier, and another habitat for the animals in the wetland. All the parking and building access elements were located on the roadside of the office building. Mr. Brackett was responsible for the preparation of all the construction documents and the permitting as well as the construction observation phases.

Brookfield Country Club Tennis Court – Prepared design and construction documents for four color-coded tennis courts with fencing, planting, and access walks at country club in Clarence, New York. The courts were to be located in a valley adjacent to a drainage course, necessitating a design that accommodates stormwater runoff. Achieved siting objectives of visibility from an existing swimming pool facility and future sitting deck to overlook the tennis courts.

PROFESSIONAL ACTIVITIES:

College-level courses taught, and professional presentations:

- Grading and drainage to third and fourth year students at SUNY ESF School of Landscape Architecture, 1976.
- General landscape architecture to fourth year architectural students at the Department of Architecture, SUNY Buffalo, 1979.
- Professional practice to fifth year students at the School of Landscape Architecture SUNY ESF, 1994.
- Graduate-level Professional practice at the School of Landscape Architecture, SUNY ESF (3 credit hour), 1995–present.
- Several one class presentations to students at the School of Landscape Architecture SUNY ESF, 1976-1984.
- Several one class presentations to students at the Department of Landscape Architecture, Cornell University, 1976-1990.
- Presentation of the profession of Landscape Architecture to Interior Design students at Syracuse University, 1987.
- Several educational sessions at annual meeting of American Society of Landscape Architects on the process of testing and licensure of Landscape Architects, 1983-1988.
- Instructor of several courses for federated garden clubs of New York State, 1994 -1996.
- Trustee for the American Society of Landscape Architects, 1995–1999.

Community responsibilities:

- Board member, Onondaga, Cortland, Madison BOCES Board of Education, 1994 to Present.
- Member, Cazenovia Board of Education, 1982-1994.
- Board member, Town of Cazenovia Planning Board, 2000 to Present.
- Cazenovia Lake Watershed Committee, Town of Cazenovia special committee to determine Cazenovia Watershed protection recommendations.

W. Paul Fritz, RLA, AICP, Project Manager



Mr. Fritz is a certified planner and licensed landscape architect who specializes in projects aimed at preserving community character while enhancing growth opportunities. His experience of more than eight years includes development of community design guidelines for revitalization, public participation/consensus building, planning studies and reports, major streetscape improvement projects, and construction administration.

EDUCATION:

- State University of New York, College of Environmental Science and Forestry, Syracuse, New York, *Master of Landscape Architecture*, Specializing in Preservation Planning, 1997.
- Drew University, Madison, New Jersey, *Bachelor of Arts (American Studies)*, 1993.

PROFESSIONAL LICENSE:

- *Registered Landscape Architect*, State of New York.
- *Member*, American Institute of Certified Planners (AICP).

EMPLOYMENT HISTORY:

- *Landscape Architect*, Environmental Design & Research, P.C., Syracuse, New York, 1997 to Present.
- *Assistant to Restoration Coordinator*, New York State Office of Parks, Recreation, and Historic Preservation, Central Region, Jamesville, New York, 1997.
- *Research Assistant*, State University of New York, College of Environmental Science and Forestry, Syracuse, New York, 1996 - 1997.
- *Teaching Assistant*, State University of New York, College of Environmental Science and Forestry, Syracuse, New York, Fall Semester, 1995.
- *Office Assistant*, Reimann-Buechner Partnership, Syracuse, New York, Spring Semester, 1995.

HONORS:

- *Recipient*, 1998 New York State Historic Preservation Award for the *Lorenzo State Historic Site Cultural Landscape Report*, May 1998.
- *Presenter*, The 1997 Annual Conference of the Association for Preservation Technology International, Chicago, Illinois, September 1997.
- *Certificate of Merit*, American Society of Landscape Architects, April 1996.
- *Inductee*, Sigma Lambda Alpha (Nu Chapter), International Honor Society, April 1995.

SELECTED ACCOMPLISHMENTS:

REPORTS:

Village of Sackets Harbor LWRP Update, Project Manager – Responsible for updating Sackets Harbor's Local Waterfront Revitalization Program (LWRP) and Heritage Area Management Plan (HAMP). The process involves inventorying existing conditions, identifying boundaries, and developing design and planning alternatives for the village's waterfront and historical resources.

Carthage and West Carthage Revitalization Plan, Project Manager – Responsible for the development of design guidelines and public participation meetings. The guidelines provided design review tools and plans to improve the villages' commercial corridor.

Joseph Smith Historic Farm, Project Manager – Served as principal researcher and writer of a Cultural Landscape Report (CLR) for the Joseph Smith Historic Farm in Palmyra, NY. The CLR was developed as a planning document to guide the future management and development of the site and maintain the historic integrity of the site under the management of The Church of Jesus Christ of Latter-Day Saints.

City of Syracuse Local Waterfront Revitalization Program (LWRP), Project Manager –Managed the research, writing, and public presentations. Assisted with the development of new zoning codes that apply new urbanism principles for the urban waterfront redevelopment initiative.

Pittsford Canal Trail Re-alignment - Developed a summary report describing the design challenges of the project site and recommendations for overall trail improvements along the New York State Canal.

Monroe County Parks – Assisted with the research and writing of cost effective management recommendations for the Monroe County Parks system. The document provides cost-effective approaches to the management of administrative, design/planning, and maintenance activities within the park system.

Manlius Commercial District Guidelines – Assisted in the development of a Streetscape Design Guidelines Manual for the Village of Manlius. Responsibilities included graphic and writing aspects of the project.

SITE PLANNING:

Amherst State Park Master Plan, Project Manager - Responsible for the development of a master plan and DEIS for a new State Park located in the Town of Amherst, New York. Tasks completed include site inventory, site analysis, public meetings and the development of master plan alternatives.

NYS Route 3 Corridor Planning Study, Project Manager - Responsible for the development of design guidelines for five communities along the Route 3 Corridor located in the Tug Hill region of New York. The recommendations were based on innovative planning methods that demonstrate high quality sustainable development practices that compliment the rural resources of the corridor.

Marshall Street, Project Manager - Responsible for the design development, drafting and construction documentation of the \$2 million improvements to the 100 block of Marshall Street adjacent to Syracuse University campus. Improvements to the streetscape include new street trees, benches, light poles and brick walkway and vehicular pavements.

Village of Seneca Falls, Project Manager - Provided design development, construction documents and construction administration for the rehabilitation of the Elizabeth Cady Staton Park in the Village of Seneca Falls, New York. This project sponsored by a state grant required coordination with the State Historic Preservation Office.

RIT Campus Housing – Assisted in the planning and preliminary grading of new campus housing for the Rochester Institute of Technology.

Joseph Smith Historic Farm – Responsible for planning studies and construction documents for a new welcome center located adjacent to the historic site. Tasks included site grading, vehicular and pedestrian circulation, site lighting, planting and site amenities. Also assisted in a landscape rehabilitation project for the historic site's Frame Home. This project included site design, contract drawings, and construction supervision for the rehabilitation of the frame home's historic fencing, plantings, and circulation.

Private Estate – Assisted with the development of construction documents for a private estate located on Skaneateles Lake, NY. The project entailed the construction of a new driveway and courtyard area and installation of an irrigation system. Responsibilities included design development, grading, drainage system improvements, planting plans, and construction supervision.

New York State Office of Parks, Recreation, & Historic Preservation, Central Region

ASSISTANT:

Responsible for the coordination of various landscape preservation projects at state historic sites throughout the NYSOPRHP Central Region. Assisted the Restoration Coordinator and Regional Historic Preservation Supervisor with analysis, proposals, and staff coordination for projects associated with historic gardens and other historic landscape features in the Central Region.

THESIS:

SUNY College of Environmental Science & Forestry

Responsible for the research and writing of a Cultural Landscape Report for Lorenzo State Historic Site in Cazenovia, New York. The report documents the changes in the cultural landscape at Lorenzo, the home of the Lincklaen/Ledyard family for 160 years, starting in 1806 when John Lincklaen established the estate. Recommendations were offered at the end of the report to guide the NYSOPRHP's establishment of future in-depth treatment and management plans and serve as a reference tool for a more accurate interpretation of the total resource.

Richard Riley, Project Manager



Mr. Riley is a licensed Landscape Architect experienced in providing sound and sensitive solutions to complex site situations. He is proficient in master planning, site design, construction documentation and project administration. With significant input into more than 700 recreational, educational, commercial, industrial, residential, highway and health care projects, his versatility and technical proficiency are unique. Mr. Riley is instrumental in staff training and quality control to continually refine and improve our professional service to our clients.

EDUCATION:

- State University of New York, College of Environmental Science & Forestry, School of Landscape Architecture, Syracuse, NY, *Bachelor of Landscape Architecture.*
- Syracuse University, Syracuse, NY, *Bachelor of Landscape Architecture.*
- United States Army, Administrative Specialist School, Ft. Dix, NJ.
- Word Wrights, Effective Technical Writing.
- Human Resources, Ltd., Supervisory Development.
- New York Rural Water Association, Domestic Water Supply, Claverack, NY.

EMPLOYMENT HISTORY:

- Project Manager, Environmental Design & Research, P.C., Syracuse, NY, 2003
- Associate, Reimann-Buechner Landscape Architects, Syracuse NY, 1999 - 2003
- Principal, Richard F. Riley, Landscape Architect, Syracuse, NY, 1997 -1999
- Senior Landscape Architect, Maniktala Associates, P.C., Liverpool, NY, 1993 - 1997
- Associate, Sargent Webster Crenshaw & Folley, Architects-Engineers-Planners, Syracuse, NY, 1966 -1993

PROFESSIONAL LICENSE:

- Registered Landscape Architect, State of New York.
- Grade C Plant / Distribution System Water System Operator, State of New York

PROFESSIONAL EXPERIENCE:

Over a professional career in private practice that spans 38+ years, Mr. Riley has participated at a senior level and in numerous cases managed a variety of design and planning projects including the following:

State Street Mall Revitalization, Auburn, NY - Project manager for design thru construction administration to revitalize a 1970s urban renewal pedestrian plaza in the downtown commercial area to incorporate a mixture of public and intimate spaces along a reintroduced vehicular access. This balance of pedestrian comfort combined with convenient vehicular access and on-street parking serves to stimulate vitality and economic activity. Allocation of outdoor café seating and merchant display spaces, kiosks, tree and shrub plantings accentuated by streetlights and up lighting provide a safe and inviting atmosphere. A recreational open-air performance stage and festive brick pavement that traverses the vehicular roadway anticipate occasional street closure for festive public activities.

Downtown Streetscape Improvements, Auburn, NY - Project manager for the follow-up extension of this streetscape initiative is underway and scheduled for 2006 construction. The scope encompasses all of the remaining Auburn downtown streetscape including Exchange Street, a 1970s urban renewal pedestrian plaza. The City's objective is to improve the overall image and vitality of downtown Auburn and to stimulate economic growth thru upgraded physical amenities.

North Salina Street Streetscape, Syracuse, NY - Project Manager for construction administration of streetscape improvements in the 400, 500 & 600 blocks, followed by design and technical implementation of streetscape improvements in the 700 block of N. Salina Street, the largest historic commercial district in Syracuse. The objective was to stimulate economic revitalization and a pedestrian friendly atmosphere through physically upgrading. The design narrowed the roadway and widened the walking surfaces. It emphasizing attractive, durable, well lighted and handicapped accessible walking surfaces, accented by new curbing, period-sensitive street lighting, furniture and signage to add vitality, and plant materials in small park settings to soften the hardscape.

Greenbelt Park, Ogdensburg, NY – Project manager and senior designer for the planning and redesign of the City-owned public waterfront park on the St. Lawrence River to create a safe and stimulating recreational environment. Extensive public relations developed an awareness of active and passive recreational opportunities. Major modifications include a 25-meter swimming pool with 1-meter and 3-meter springboard diving capability, a wading pool, a bathhouse and parking. New boat launch facilities accommodate 4 vessels simultaneously with efficient parking, staging and maneuvering space designed to safely and efficiently expedite launching boats.

Ed Weed Fish Culture Station, Grand Isle, VT – Master planner and senior site designer for a 35-acre fish culture station (hatchery) with a park-like atmosphere in a new 160-acre State Park on the east shore of Lake Chaplain. The facility is designed for rearing salmon and trout with an annual production of 260,000 lb. The facility includes the hatchery building with enclosed raceways, a visitors' center, pump house and 11,000 GPM water intake system and zebra mussel protection, a classifier, a polishing pond, and a simulated stream with lamprey eel protection for release of fish to the lake using process water as the vehicle. Provided technical assistance to the Dept. of State Buildings and the Agency of Natural Resources in the permitting process and served as key witness for the State Attorney General in the public environmental hearings for the Act 250 Land Use Permit.

Syracuse Creekwalk, Syracuse, NY – Project manager and senior designer for preliminary design of a bike/pedestrian trail, currently in the design stage. The goal is to provide a convenient, attractive and safe facility to promote alternative modes of transportation within the corridor between "Downtown" and Onondaga Lake. Comprised of 3 new trail sections totaling 1.3 miles, the trail will connect 2 existing trail sections to complete a 2.3 mile uninterrupted trail. The design entailed trail routing at street level and at Creek level. Services included public relations efforts to encourage public and political support.

Village Green Park Design, Cape Vincent, NY – Project manager for design of Village park adjacent to the St. Lawrence River. Focal point of the design is an elevated performance stage placed in an amphitheater setting and constructed of poured concrete supported on dry laid native stone walls. Also included are brick paved sitting areas and strategic placement of historically significant ship anchors

Clayton Recreation Park, Town of Clayton, NY – Master planner and designer for a 26-acre Town park. Multi-phased construction included infrastructure, a six lane swimming pool with 1 & 3 meter diving, a bathhouse and parking facilities, a partially enclosed hockey/ice skating rink, tennis, basketball and field sports, a gazebo, park landscaping, naturalistic pond improvements, picnic grounds and a jogging/bicycle path.

Seneca Zoo African Elephant Exhibit, Rochester, NY – Exhibit designer for a 1.5-acre natural African elephant habitat located on a heavily wooded site in a historic zoological park originally designed in 1893 by Frederick Law Olmsted. The design responded to the physical and emotional needs of these large and powerful mammals as well as demonstrated a working knowledge of Olmsted's design principles. The design respected the dignity of the animals and their comfort while

providing a unique and non-disruptive yet safe visitor experience.

Central Square Central School District Campus, Central Square, NY – Project manager and senior planner for extensive site selection process including conceptual master planning and costing of viable sites, master plan and design of a 42-acre facility on the selected site to encompass a 1200 pupil middle school, 100-bus transportation center and a future 700-pupil elementary school. The design also provided for ample athletic fields for current and future needs.

1980 Olympic Games Bobsled Run and Luge Run at Mt. Vanhovernburg, Lake Placid, NY – Design team member for the site design and preparation of construction documents for both the bobsled run and luge run for the 1980 Olympic Games. Both courses are constructed of gunite and cooled by liquid ammonia, making this one of the largest refrigerated projects in the world. It is the first facility of its kind in the Western Hemisphere and the recipient of the Annual Award from the Eastern New York Chapter of the American Concrete Institute. The **bobsled run** containing 16 curves is 1 mile in length with a vertical drop of 490 feet followed by a 580 foot outrun. The **luge run** containing 14 curves is 1000 meters in length with a vertical drop of 330 feet followed by a 330 meter outrun.

Alden Park Master Plan, Town of Alden, NY – Project manager and planner for the master planning of a 50-acre park involving athletics fields, nature trails, playground, concession stand/equipment storage structure, internal roadways and parking facilities. It further provided for extended evening recreational use and security.

Central New York Regional Growth Initiative – Project manager and senior planner for assembly and coordinate imaginative and ambitious planning objectives of City and County government, the Metropolitan Development Corporation, State and Federal political leaders and business entrepreneurs for Central New York into a comprehensive and cohesive long-range strategy for economic growth. The goals include urban revitalization, development of cultural and recreational opportunities and expansion of the rail transportation network.

Unilever Research US Corporate Headquarters Master Plan, Edgewater, NJ – Project manager and senior planner for a facilities evaluation and master plan of an existing 27-acre site on the Hudson River to develop a strategy for 50-year projected optimum site utilization. The planning effort provided for major expansion without interrupting ongoing programs, while simultaneously revitalizing the facility's appearance to reflect an appropriate corporate image. Critical elements included the corporate image of the world's largest manufacturer of consumer goods, phasing methodology and implementation costs to achieve a campus-like environment with amenities supporting the social, intellectual and athletic pursuits of the staff.

Onondaga County Parks Handicapped Accessibility Program, Syracuse, NY – Project Manager and senior designer for implementation of a comprehensive Americans with Disabilities Act program to provide access to all facilities at 14 Onondaga County Parks. The project scope addresses building entrances, restroom facilities, pedestrian and vehicular circulation patterns, pavement surfaces, parking facilities and lakefront utilization.

Clarkson University Master Plan, Potsdam, NY – Designer/planner for a comprehensive master plan for the 280-acre Hill Campus. Develop a methodology for campus expansion based upon the University's long range objectives, addressing existing conditions, short term needs, and perceived long term goals. The plan addressed every aspect of campus administrative, academic and residential life, while unifying existing structures and allowing the flexibility to embrace unanticipated development opportunities.

Xerox - 37 Facilities Audits, Webster & Henrietta, NY – Field investigation, analysis and evaluation of 37 separate facilities, examining physical condition, deficiencies and inefficiencies. Prepared individual reports outlining the magnitude of all physical conditions, and recommendations for specific remedial action required, construction costs, and strategic schedule for implementation.

USAF – Over The Horizon Radar Facility, Bangor, ME – Site designer for 34,630 sq. ft. national security early warning backscatter and telecommunications operations facility within a Air Force military installation at the Bangor International Airport. The primary site focus was to maximize security from physical intrusion and electronic surveillance.

Cicero Revitalization, Hamlet of Cicero, NY – Project manager and senior planner for conceptual plan and community relations conceived to rekindle community enthusiasm in the wake of a highway improvement project that would demolish 14 structures in the center of the Hamlet. The devised methodology would visually unify the remaining structures, socially redefining the community hub and economically integrate compatible future development. Acting as design consultant to the Hamlet and NYSDOT liaison, the objective was to enlighten the community to available opportunities and coordinate strategy with NYSDOT.

BM Clark Street Facilities Expansion Study, Endicott, NY – Senior planner for site engineering evaluation to expand the International Business Machines Corporation Endicott Plant to the proposed 12-acre site adjoining the main plant. Analysis evaluated the feasibility and cost of developing a technical building complex at this location. The comprehensive investigation explored the impact of zoning regulations, city traffic flow, public and industrial utilities, topography, soil conditions and floodplain data and municipal services upon the development.

GUEST LECTURES AND SYMPOSIA:

Guest lecturer: “Technical Writing Skills in the Profession” at State University of New York, College of Environmental Science & Forestry, Syracuse, New York.

Guest lecturer: “Verbal & Written Communication” at Cornell University, College of Engineering, Ithaca, New York.

Guest lecturer: “Bicycle/Pedestrian Trails in Urban Areas” at Syracuse University, School of Architecture, Syracuse, New York.

Guest lecturer: “The Importance of Technical Writing Skills” at Syracuse University, English Department, Syracuse, New York.

EXPERT TESTIMONY AND TECHNICAL SUPPORT:

Served as principal witness for the Attorney General representing the State of Vermont at the Act 250 Land Use Permit environmental hearing for the Ed Weed Fish Culture Station (Hatchery), the most expensive State of Vermont funded project in its history to date. Testimony focused on design compatibility with the fragile environs in regard to visual appearance viewed from Lake Champlain, air pollution, headwaters, floodways, streams, prime agricultural land, impact to archeological artifacts and structures on the National Register of Historic Places, navigational impacts for the 3300 foot and

Litigation: Prepared defense strategy, analysis and graphic evidence defending the General Electric Corp. in a case contesting the Town of Clay’s doubling of its assessed value of Electronics Park, Liverpool, New York. The New York State Supreme Court decision reversed the assessed value to its original figure.

Litigation: Prepared the strategy and analysis to defend Cottet’s Welding Supply in a civil suite filed by the developers of the Arnold Apartments complex. Arnold alleged the theft of a large amount of earth borrow that effectively reduced the site development potential, seeking damages for 39 issues. Verdict agreed with only one issue.

Mediator: City of Ogdensburg / Ogdensburg Bridge & Port Authority controversy regarding taxation of OBPA revenues to support recreational development within the city limits along the St. Lawrence River.