



Education

Stevens Institute of Technology, BE Civil Engineering

Professional Registrations/ Affiliations

Licensed Professional Engineer in New Jersey

Years in the Industry

37

Areas of Expertise

Site Development, Municipal, Process, Power and Industrial Plant Engineering

Summary of Qualifications

Mr. Malsbury is a Group Manager in the Site Development Division where he supervises and directly manages site staff and projects. The Site Division provides a broad range of land development services ranging from site investigation and feasibility studies, through site design and permitting, to administration of construction contracts. He coordinates site staff, the efforts of other divisions and outside consultants. Mr. Malsbury applies his technical expertise and years of engineering management experience to each assignment he is given. As a Project Manager, he is responsible for quality assurance, project execution planning, implementation, technical supervision, scheduling and budget control. His depth of experience is impressive; he possesses 37 years of experience in a wide variety of engineering and construction projects including site development, public facilities and utilities, roadway and industrial plant projects. Mr. Malsbury has more than 30 years of experience in engineering management.

Key Projects

Site Development

American Dream | Meadowlands (formerly Xanadu), NJ Sports and Exposition Complex, East Rutherford, NJ. Project Manager for site/civil design of a unique mixed use development of an entertainment, retail, hotel and office complex totaling 5,000,000 SF of leasable space on 104 acres of land surrounding Continental Arena. Construction of the complex required complete redesign of the existing onsite infrastructure; a new network of onsite roadways with multiple traffic signals, new water, gas, telephone and power distribution systems; multiple stormwater quality and management systems; and a new sanitary sewer network with the addition of a large pump station and force main. Successful project execution included extraordinary coordination with other design professionals, as well as a carefully planned sequence of design and construction activities to assure project completion with minimal impact on existing NJSEA operations.

Southfields Southern Campus, Merrill Lynch, Hopewell, NJ. Engineering Management for design and permitting activities for final phase of development. Permitting activities included NJDEP land use, soil conservation certification, dam safety, Delaware & Raritan Canal Commission and local planning board approvals. Infrastructure design included extension of onsite roadways with a new traffic signal, new water, gas, telephone and power distribution systems; multiple and extensive stormwater collection, quality and management systems; and extension of the onsite sanitary sewer network.

Warfields at South Hampton, South Hampton, NJ. Project Manager of a multi-consultant team. The team provided expertise and a report in support of the future development of a 1,000 unit continuing care and retirement community (CCRC) proposed in South Hampton. Infrastructure included new onsite roadways with a new traffic signal, new water, gas, telephone and power distribution systems; stormwater collection, quality and management systems; and a new sanitary sewer network with a pump station



and offsite force main. The CCRC includes single family housing, townhomes, condominiums, assisted and full care facilities, a retail center, and recreation facilities including a golf course and club houses. The study included site survey, constraints determination, wetlands delineation, flood and airport hazard mapping, yield analysis, concept plans, traffic and fiscal impact reports, and rezoning recommendations.

Carnegie Center West – Building 804, Boston Properties/ NRG Energy, Princeton, NJ. Site plan design of a state-of-the-art office building site using a multitude of sustainable elements including 800kW solar arrays consisting of 13 solar ground-mounted parking canopies, 2 solar roof-mounted canopies, and 2 solar ground-mounted pergolas; 400kW natural-gas-fired CHP unit; Two 30,000 gallon underground rainwater storage system; 2 windmills; pedestrian sidewalks and bicycle paths; 4 bio-swales and a 0.70-acre wet pond; green roof; and electric vehicle charging stations. Scope includes surveying, General Development Plan (GPD) design, wetland delineations, Phase 1 investigations, environmental permitting, landscape architecture design, traffic engineering, site lighting design, LEED® consulting services, and construction management.

Energy

6 MW Peaking Generators, Seaside Heights, NJ. Project manager for three 2 MW generator installation to reduce electricity costs.

Bergen Record 6 MW Solar PV Installation, NJ. Project Manager for ground mount solar photovoltaic installation.

NFI Solar, West Park, Vineland, NJ. Manager for a 2 MW roof mounted PV array and associated electrical equipment including construction plans and specifications.

NFI Solar, Maple Ave., Vineland, NJ. Manager for a 2 MW ground mounted PV array and associated electrical equipment including land use permits, shading study and construction plans and specifications.

NFI Solar, Old Mill Road, Vineland, NJ. Manager for a 1 MW roof mounted PV array and associated electrical equipment including construction plans and specifications.

Warfield Brothers, Southampton, NJ. Manager for a 40 MW ground mounted PV array and associated electrical equipment including site constraints identification, flood hazard determination, wetlands delineation, zoning analysis, yield analysis and PJM application.

Blue Sky Power, Gloucester Township, NJ. Manager for a Gloucester Township solar initiative that included over a dozen elementary and high school properties and other Township facilities. Included coordination with multiple school boards and Township departments, concept plans, yield analysis, and other front-end activities such as shadow studies and roof assessments.

0.5 MW Ground Mounted Fixed-Tilt PV System, Jackson Township Municipal Utilities Authority, NJ. Prepared PPA and feasibility documents for design and installation of a 485 kW system at Hyson Road Water Treatment Facility Services included evaluation of the existing electric service, identification of proposed inverter and transformer locations and land use constraints, shading analysis, confirmation of wetlands location and transition area determination.

Western Monmouth Utilities Authority (WMUA), Manalapan, NJ. Manager for a 2 MW ground mounted array including constraints and land use, and yield analysis including use permits and approvals.

2.3 MW for Five School District Buildings, Southern Regional School District, Manahawkin, NJ. Provided technical services to assist Blue Sky Power, LLC, in performing a feasibility analysis to determine siting of solar installations. Prepared array layouts for District's consideration and comments.