



RFP2425-56DD – MEP, Structural, or Civil Engineer(s)
for the County College of Morris



REMINGTON
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ENGINEERS

Excellence • Innovation • Service

May 30, 2025

Doreen DeMarco, Director of Purchasing

The County College of Morris
Purchasing Department
214 Center Grove Road
Randolph, NJ 07869

Re: RFP2425-56DD - MEP, Structural, or Civil Engineer(s) for County College of Morris

Dear Ms. DeMarco:

Remington & Vernick Engineers (RVE) is pleased to submit this proposal to provide MEP, structural and civil engineering services to the County College of Morris (CCM). This response has been prepared in accordance with the requirements set forth in the CCM's Request for Proposals (RFP) due May 30, 2025 and Clarification #1 issued May 21, 2025.

RVE offers the CCM a full-service engineering firm with the ability to provide services for the planning and design of educational facilities and their infrastructure, including County colleges. These services include site planning and engineering for new construction, renovation and expansions to facilities. Our in-house staff includes highly trained and experienced professionals in a variety of disciplines. We offer a single source of professional consulting services including professional engineers and planners, registered landscape architects, professional land surveyors, professional geologists and environmental engineers.

With decades of experience serving as Architect/Engineer of Record and/or Construction Manager to numerous higher education institutions and school districts in the Middle and South Atlantic regions, RVE brings the following advantages to successfully serve the CCM under this contract:

- The ability to provide comprehensive MEP, structural and civil engineering services in-house
- Experience serving as Architect/Engineer of Record for more than 40 community colleges, universities and school districts throughout New Jersey, Pennsylvania, Maryland and North Carolina
- A full-service portfolio and depth of experienced staff that allows us to address a planned or emergent project need for the CCM immediately
- A strong understanding of the importance of executing task-based assignments to the expectations of the CCM's time, cost, schedule and quality goals while creating minimal impact to users of your facilities
- Local support from our Secaucus, NJ office with the ability to utilize the full resources of the firm

Details of our related project experience and the qualifications of our professional staff available to serve the CCM are included in our proposal.

We look forward to the opportunity to work with the County College of Morris under this contract. Should you have any questions or require additional information, please contact Paul Cray, PE, PP, CME, Executive Vice President, in our Secaucus office at 201-624-2137 or via email at Paul.Cray@rve.com.

Sincerely,



Leonard A. Faiola, PE, PP, CME
President & CEO

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Executive Summary

Section 1

Section 1

Executive Summary

Firm History and Management

Remington & Vernick Engineers (RVE) is one of the oldest established consulting firms in the country and has successfully completed tens of thousands of planning, engineering and capital infrastructure improvement projects. Our more than 480 employees are located in a network of multiple offices throughout the Middle and South Atlantic regions of the United States. We provide multidisciplinary engineering services for diverse public sector clients.

Our employees bring expertise, specialized certification and licensure in the major areas of engineering and the related disciplines required to implement projects in our four markets: Municipal, Transportation and Infrastructure, Facilities and Water/Wastewater. The firm is committed to ongoing staff development and we continue evaluating new approaches and technology to ensure we respond to the challenges of the marketplace and our clients. We develop client relationships to solve challenges while maintaining our focus on quality of service.

Educational Services

RVE provides a full range of planning and design services for educational facilities and their infrastructure for higher education clients. These services include site planning and engineering for new construction, renovation and expansion of facilities. Our staff includes highly trained, experienced professionals in a variety of disciplines. We offer a single source for professional consulting services including professional engineers and planners, registered landscape architects, professional land surveyors, professional geologists and environmental engineers.

Facilities supported:

- Administrative offices
- Athletic facilities
- Auditoriums
- Cafeterias
- Classrooms
- Laboratories
- Libraries/media centers
- Performing art centers
- Restroom facilities
- Trade/vocational classrooms

RVE provides sound, high-quality engineering services including Civil Engineering (site, survey, landscape design, recreational design, stormwater drainage and traffic engineering), Facilities Engineering (mechanical, electrical, plumbing, structural, fire protection, cost estimating, HVAC and IT system technology) and Utility Engineering (energy engineering, environmental engineering and geotechnical engineering). RVE offers each client significant cost and time savings by serving as the Engineer of Record.

Benefits of an Engineer of Record:

- Coordinates agency reviews
- Direct access to design support professionals
- Facilitates grant and rebate programs
- Fees are project-specific
- Prepares facility master plans

Details of our service capabilities are provided in [Section 8](#).

Appointments and Project Experience

RVE serves as Engineer/Professional of Record for more than 40 higher education clients throughout New Jersey, Pennsylvania and North Carolina. In this capacity, the client can call upon our services as a single source for a variety of building design and engineering project services. Our full-service portfolio allows us to address a planned or emergent project need for the client immediately, without the need for outside consultants. This method has proven beneficial for our clients seeking to construct or renovate their facilities and campuses.

COUNTY AND COMMUNITY COLLEGES SERVED	
• Brookdale Community College	• Hudson County Community College
• Bucks County Community College	• Middlesex College
• Butler County Community College	• Ocean County College
• Camden County College	• Philadelphia Community College
• Guilford Technical Community College	• Westmoreland County Community College
• Durham Technical Community College	• Essex County College
• Rowan College of Burlington County	

Key Staff

A resume detailing the qualifications and experience of the Primary Representative assigned to CCM is provided in [Section 2](#). Our organization chart and resume detailing the qualifications and experience of others proposed to provide services to the CCM are provided in [Section 3](#).

Experience and Qualifications

Project lists detailing our recent, relevant experience are provided in [Section 4](#).

Resume of Primary Representative Assigned to CCM

Section 2



**REMINGTON
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ENGINEERS**

Section 2

Resume of Primary Representative Assigned to CCM

Paul D. Cray, PE, PP, CME will serve as Primary Representative assigned to the CCM. Paul is a licensed professional engineer and professional planner in the State of New Jersey. As a Principal of RVE, Paul has the ability and standing to direct the resources of the firm as necessary to complete tasks under this assignment. He has served as Principal in Charge and Project Manager for multiple MEP, structural and civil engineering projects. Details of his experience and qualifications are provided on his resume on the following page.



Paul D. Cray

PE, PP, CME

Executive Vice President, North
Jersey Division

About: Paul D. Cray serves as Executive Vice President of RVE's North Jersey Division, which includes offices in Secaucus and Marlboro Township and services at Lakewood Township.

Experience: Paul has over 30 years of engineering and planning experience. He is a licensed professional engineer in New Jersey and Pennsylvania as well as a licensed professional planner and certified municipal engineer in New Jersey. He has extensive experience managing multi-discipline projects and his areas of expertise include site development engineering, stormwater management systems, utility improvements and floodplain delineation and protection. Paul earned a bachelor's degree in civil engineering from North Carolina State University, and he is an active member of the American Society of Civil Engineers.

Paul D. Cray, PE, PP, CME

Principal In Charge

Principal / Executive Vice President, North Jersey Division

Overview

- More than three decades of engineering and planning experience
- Areas of expertise include site development engineering, stormwater management systems, combined sewer system, utility improvements, floodplain delineation and protection
- Duties include conducting feasibility studies, providing engineering design, project management and construction administration services, preparing and submitting regulatory permit acquisitions, and preparing expert reports for private, municipal, County and State clients

Work History

RVE experience: 2011 to present;
1992 to 2000

Total experience: 35 years

Education

B.S., Civil Engineering, North Carolina State University, 1987

Certifications/Registrations

Professional Engineer – NJ, PA

Professional Planner – NJ

Certified Municipal Engineer – NJ

Member – American Society of Civil Engineers

Representative Project Experience

Electrical Preventative Maintenance Bid, Bergen Community College, Paramus, Hackensack and Lyndhurst, NJ – Principal in Charge responsible for the preparation of an Electrical Preventative Maintenance Bid. Work includes reviewing the equipment list, performing site visit(s) and preparing a preliminary scope of work based on the information provided by the College. Responsibilities included reviewing information, preparing the scope of work and bid form and issuing a finalized draft.

Science, Technology, Engineering & Mathematics Building, Hudson County Community College, Jersey City, NJ – Principal in Charge responsible for the civil, site and structural engineering services for Hudson County Community College's STEM building, which houses labs, classrooms, lounges, specialized floors and more. Civil engineering aspects covered the design of site layouts, ADA parking, stormwater management and land use approval from Jersey City. Structural engineering encompassed design plans, reviewing geotechnical reports, outlining support structures for the building and overseeing the project bidding and related documentation. Responsibilities included attendance at the kickoff meeting with the architect and coordination with the team.

New CTE High School, Bergen County Technical Schools, Paramus, NJ – Principal in Charge for the construction of a new CTE High School Facility adjacent and connected to the existing Bergen County Technical School building located on the Paramus Campus. Scope of services included survey, EO 215 report, preliminary assessment report, geotechnical report, civil/site design, structural design, mechanical, electrical and plumbing design, landscape design, bid assistance and construction phase services. Responsibilities include extensive coordination, meetings, progress plan submissions and evaluations throughout the project's phases, including interactions with architects, staff and other stakeholders.

Feasibility Survey for Cafeteria Construction, Bergen County Special Services School District, NJ – Principal in Charge responsible for the completion of an environmental permitting feasibility survey to determine if the property between two schools could accommodate the construction of a new cafeteria in Paramus, NJ. Tasks included the collection and analysis of data (flood maps, soil maps, regulatory evaluations, flora and fauna data, archeological data, wetlands classification and ecological function of the site. A report based on this research was provided based on the analysis of this data.

Montesano Cafeteria Addition, Bergen County Special Services School District, NJ – Principal in Charge responsible for the design and construction of a 5,000 SF building addition in Paramus, NJ, to be used as a cafeteria, gymnasium and auditorium with the intention of incorporating sufficient table spaces for the Occupational Therapy Program. Tasks included programming and preliminary design, environmental services and civil/site conceptual planning.

Justice Complex, County of Bergen, NJ – Regional Manager responsible for the construction of a new building, renovations to the current buildings and construction of a new parking deck at the County facilities in Hackensack, NJ. The Justice Center complex consisted of seven buildings: Old Courthouse, Old Jail, Administrative Wing, North Annex, South Annex, Heating Plant and Maintenance Garage. The project included the design and construction of a new 116,000 SF building for the occupancy of the Courts. In addition to the new building, a 600-space parking structure was constructed on site to accommodate the displaced surface parking. A secure pedestrian bridge for staff and judges was constructed to connect the parking garage to the new building and continue to connect to the Justice Center. Upon completion of the new building, approximately 40,000 SF of vacated area with the Justice Center was renovated to provide courtrooms, offices and support spaces for the program needs of the Courts with special attention given to preserving and maintaining historical areas.

New Union Public Library, Union Township (Union), NJ – Principal in Charge responsible for the new Union Public Library, which will span roughly 46,680 SF over three levels and house numerous facilities, including a 150-seat theater. Services encompassed schematic design, design development, construction documents and overseeing the LEED certification process, ensuring a cost-effective approach and coordinating submissions to the USGBC. The project also includes a vast range of building systems, from HVAC and lighting to plumbing, fire protection and the addition of electric vehicle charging stations, requiring significant electrical system modifications. Responsibilities include regular meetings, primarily with the architect and project teams, for coordination, status tracking and project-related discussions.

Resume of Others Working on CCM Projects / Organization Chart

Section 3

Section 3

Resume of Others Working on CCM Projects / Organization Chart

Supporting Mr. Cray will be a team of professionals with expertise in MEP, structural and civil engineering. The following will serve as the designated Project Manager for each discipline:

MEP Engineering Project Manager



Mark Annunziato

PE

Regional Manager, MEP

About: Mark Annunziato serves as MEP Regional Manager, providing firm-wide oversight of RVE's MEP projects. Mark is based out of our Secaucus, NJ office.

Experience: Mark has over 13 years of engineering experience managing high-profile MEP projects. His areas of expertise include medium voltage design, low-voltage design, communications systems design, fire alarm design, network substation design, EPSS design, electrical systems coordination studies, AutoCAD, Revit MEP and specification writing. Mark earned a bachelor's degree in electrical engineering from Loyola University Maryland.

Structural Engineering Project Manager



Jacqueline Trovato

PE, CME

Department Head, Structural

About: Jacqueline Trovato serves as head of RVE's Structural Department.

Experience: Jacqueline has over 14 years of structural engineering experience. Her areas of expertise include the design of buildings, bridges, foundations, retaining walls and bulkheads and the analysis of existing and proposed structures. Her experience includes educational facilities, bridge/building inspections, stormwater management and water/wastewater treatment facilities. Jacqueline earned a bachelor's degree in civil and environmental engineering from Lafayette College.

Civil Engineering Project Manager



Samantha Boonstra

PE

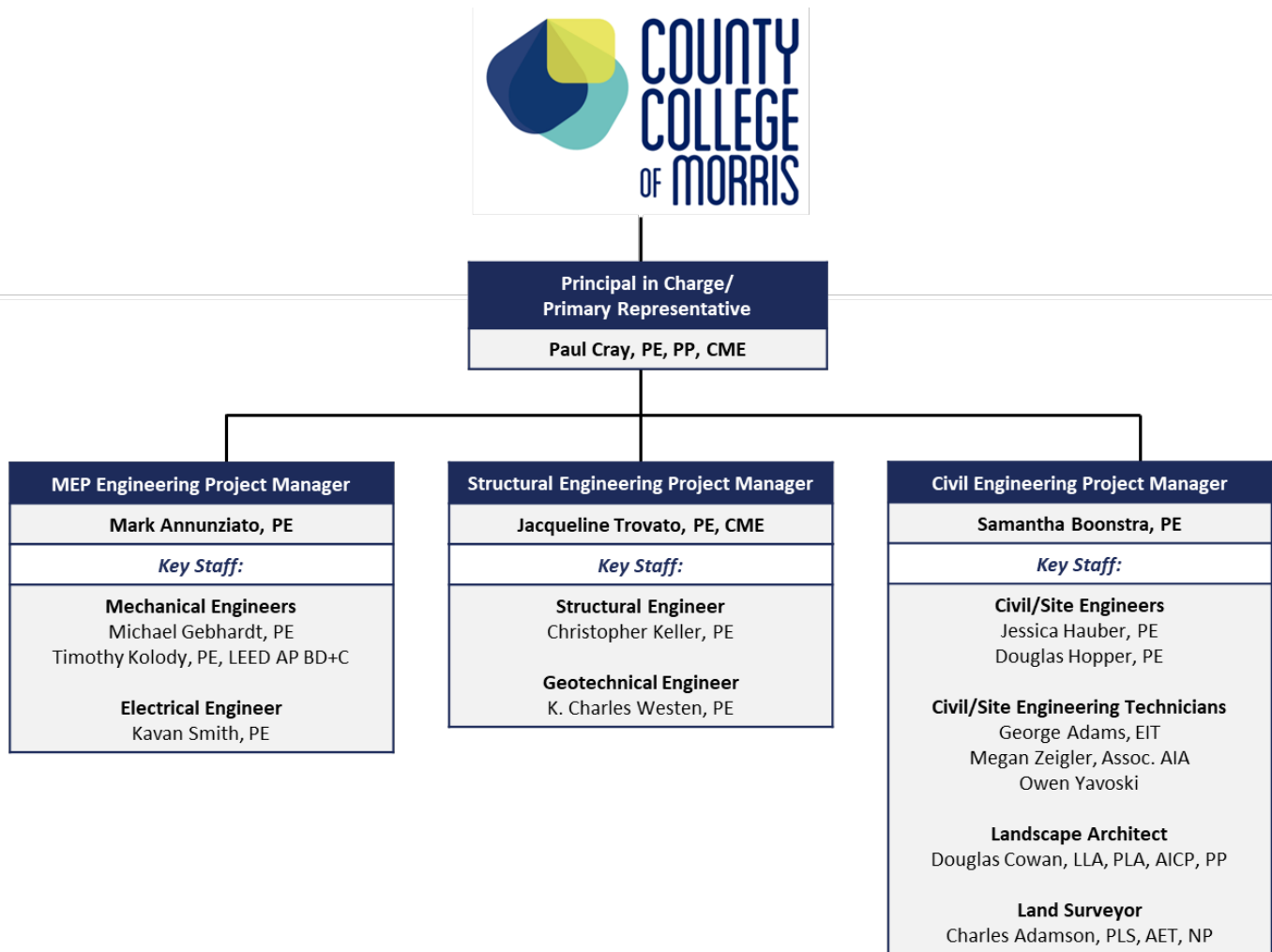
Department Head, Educational Services

About: Samantha Boonstra serves as head of RVE's Educational Services Department.

Experience: Samantha has eight years of civil/site engineering experience including building and park improvements, roadway improvements, ADA compliant ramp replacement and grant application and storm sewer and sanitary sewer replacement. Her experience also includes proposal and specification writing, cost estimate preparation, bidding services and contract administration for civil/site projects. Samantha earned a bachelor's degree in civil and environmental engineering from Rowan University.

Organization Chart

The organizational below depicts the hierarchy of key personnel proposed to provide services to the CCM for this contract. Their resumes are provided on the following pages.



Mark Annunziato, PE

MEP Engineering Project Manager

Regional Manager, MEP

Overview

- More than 13 years of engineering experience managing several high profile projects in healthcare
- Serves as Regional Manager for the firm's MEP Group
- Areas of expertise include medium voltage design, low-voltage design, communications systems design, fire alarm design, network substation design, EPSS design and electrical systems coordination studies

Work History

RVE experience: 2025 to present

Total experience: 13 years

Education

B.S., Electrical Engineering, Loyola University Maryland, 2012

Certifications/Registrations

Professional Engineer – MD, DE, NC, VA, DC

Representative Project Experience

1085 Design Project, Kean University, NJ – Project Manager responsible for the renovation of the existing building, located on the Kean University campus at 1085 Morris Avenue in Union, NJ. This project involves redesigning the building to accommodate academic, conference events, research and community-focused service use by Kean University. Mechanical improvements include the installation of new dedicated HVAC equipment to support the proposed renovations and laboratories, the modification to existing HVAC equipment, as necessary, to accommodate the proposed renovations and change of use, the installation of kitchen ventilation systems for exhaust hood and makeup air (kitchen appliance design by others) and lab exhaust systems. Electrical improvements include new electrical power infrastructure, interior lighting, exterior lighting, fire alarm system modifications, emergency power systems, IT/data and security infrastructure backbone cabling, audio/visual infrastructure backbone cabling and power and data infrastructure for furniture and lab equipment. Plumbing and fire protection improvements include new plumbing fixtures (toilets, lavatories, showers, etc.), domestic water piping, sanitary drain piping, roof storm drainage piping, fuel gas piping, interior connections to irrigation system, DI water distribution system for laboratories, acid waste piping, grease trap and plumbing infrastructure for commercial kitchen, plumbing infrastructure for lab equipment, the preparation of coverage plans and delegated design specifications for modification to existing NFPA-13 Sprinkler Systems as necessary to support proposed floor plan renovations and supplemental fire suppression system to support laboratories. *Subconsultant to DI Group Architecture*

Sozio Hall Elevator Renovation, Kean University, NJ – Project Manager responsible for the oversight of engineering design for all structural, electrical, plumbing and HVAC systems to support the proposed elevator and associated spaces within the renovated area. This includes both the elevator machine room as well as the separate storage section after the new interior wall has been installed. Mechanical work includes the installation of a new ductless split system. Electrical work includes replacement of all interior lighting with new LED lighting; power new elevator equipment as required by the manufacturer; power new HVAC equipment as required by the manufacturer; installation of a new switch to elevator machine room lighting, located a point of entry and installation of new 125V, single phase, 15 or 20 ampere duplex receptacle in new elevator machine room. Plumbing work includes the replacement of domestic water piping and sanitary drain piping. Fire protection work includes modification of the sprinkler system as necessary to accommodate the new elevator machine room. Building modifications include installation of proposed interior wall system; repair of the existing floor system; removal and replacement of the existing window systems and installation of proposed exterior access. RVE is providing design, permitting, bidding support and construction administration for this project.

Armstrong Middle School HVAC Upgrades, Bristol Township School District, PA – MEP Regional Manager responsible for oversight of engineering design, bid phase and construction phase services for HVAC upgrades and improvements at Neil Armstrong Middle School. The project consists of the replacement of existing HVAC system components throughout the school. Air handling units will be replaced in the kitchen, cafeteria, gym auditorium, library and school blocks B and C. Work also includes the replacement of cooling tower in kind with all piping, accessories and supports required to install the new unit. All new equipment will comply with all industry standards and codes, including but not limited to the International Mechanical Code and ASHRAE 90.1 for energy efficiency and Indoor Air Quality. RVE is providing all MEP engineering services along with structural engineering as needed.

Assistant Vice President, WSP USA Buildings, Inc. – Responsibilities included overseeing a dedicated team of multi-disciplinary engineers. assigning tasks and quality control on a day to day basis; client interaction including project design meetings, billing and problem solving; project financial health, design support and construction oversight; office-wide training and standards development; client outreach to develop professional relationships in order to facilitate a natural flow of new work.

Michael Gebhardt, PE

Senior Mechanical Engineer

Senior Associate

Overview

- More than 30 years of experience in the engineering industry
- Areas of concentration include design and application engineering, preparation of contract documents, interfacing with clients, equipment installation coordination, and preparation of proposals for presentation and review
- Experience includes all types of building and facility construction and renovation projects for offices, schools, laboratories, mechanical rooms and storage facilities
- Supports rehabilitation, replacement and new construction projects

Work History

RVE experience: 2001 to present

Total experience: 33 years

Education

B.S. Mechanical Engineering, Trenton State College, 1989

Sprinkler System Basic Design Course

ASHRAE Advanced Air Conditioning and Refrigeration System

Design Course and Noise Control

Refrigeration Certification Course (Type I, II and III Refrigeration Systems)

Certifications/Registrations

Professional Engineer – NJ

Representative Project Experience

HVAC Upgrades at the Physical Education Center, Middlesex College, NJ – Project Engineer responsible for developing a feasibility study for upgrades to the existing HVAC system at the Physical Education Center at Middlesex College in Edison, NJ. The building's existing HVAC system consisted of several single-zone and multi-zone air handling units, hot water pumps, PTAC units and other ancillary equipment. The evaluation included an assessment of the existing condition, efficiency, performance, code compliance and serviceability of the existing HVAC system. The final report included recommendations for the system upgrades and improvements including recommendations for the installation of the air conditioning at the facility. Construction cost estimates for all proposed recommendations will be provided and will identify sources of alternate funding such as rebates and grants that could be applied to this project. The improvements identified for the existing HVAC system, included the addition of air conditioning to the facility. RVE evaluated various new HVAC systems and compared a full-scale replacement of the existing HVAC system with an upgrade to the existing system. RVE made recommendations and designed the space for new equipment and systems based on construction costs, equipment performance and efficiency, maintenance costs, constructability and overall invasiveness to the existing facility. The new systems comply with the latest industry standards including the 2015 International Mechanical Code, 2015 International Building Code (New Jersey Edition), ASHRAE 90.1 Energy Standard, NFPA 70 National Electric Code and all other applicable codes and standards.

School of Communications and Media Additions and Renovations, Montclair State University, NJ

Project Engineer responsible for the design of the renovation and addition (80,000 SF) to the School of Communication and Media at Montclair State University in Montclair, NJ. The addition holds the line of the western face of Morehead Hall before stepping back to negotiate the transition to the remaining portions of Life Hall. The programming arrangement capitalized the visual access from the green and concourse at Cafe Diem locating activity spaces such as the newsroom on exterior western windows to allow the glow of activity to flood the green. Pre-functionary spaces such as the community room offer opportunities to pause near the main entrance fronted by the dynamism of the newsroom and the formal event space, Presentation Hall. The new connector to Morehead Hall will allow faculty to trickle into the building from the top down while students and affiliates filter from the ground level up. Presentation Hall affords the student an opportunity to feature their work amongst their peers, epitomizing the pinnacle college test of one's colleagues. This space is the epicenter of in-depth journalism accommodating political debates to featuring the latest director's cut. The ground floor co-locates all studios, corresponding control rooms and supporting spaces such as the equipment cage and engineering rooms making that floor hum with activity. The second and third floors continue to mix populations by requiring all parties to use similar spaces, editing booths, mixing studios and a filmmaking studio.

Decker Hall Dormitory Building Renovations, The College of New Jersey, NJ – Mechanical Engineer responsible for renovations to the Decker Hall Dormitory Building at the College of New Jersey in Ewing, NJ. The student apartment renovation project provides 400 beds of upper-class housing and allowed the College to renovate Decker Hall without a loss of beds. Improvements included enlarging the bathrooms and installing new plumbing risers, plumbing fixtures and associated light fixtures, exhaust fans and finishes.

Commons Dining Hall Renovation, Drew University, NJ – Project Manager responsible for the renovations to the Drew University Commons, a 20,000 SF university dining hall. Renovations included a new commercial kitchen/dining hall consisting of multiple cooking, serving stations and a dish washing station complete with all new commercial cooking and dish washing equipment. Renovations also included updated seating areas and revisions to the previous floor plan layout to include meeting rooms and new restrooms.

Energy Infrastructure Renovation Project, Brick Township School District, NJ – Mechanical Engineer responsible for HVAC system upgrades and improvements at Brick Township High School in Brick, NJ. Improvements included the air handling unit in the library, new hot water pumps for heating hot water and domestic hot water and new gas-fired hot water heaters and storage tanks. This \$6 million project included the replacement of over a half million dollars of hot water piping. Designs also included new DDC HVAC control system with new DDC controls in all equipment, new unit ventilators with split DX cooling and hot water heating (total of 72-unit ventilators), HVAC mini-split units for offices, replacement of the auditorium air handler, replacement of unit ventilators for cafeterias 1, 2 and 3 and replacement of existing hot water piping throughout the school as needed.

Timothy Kolody, PE, LEED AP BD+C

Senior Mechanical Engineer

Senior Associate

Overview

- More than a decade of mechanical engineering experience
- Areas of concentration involve design and application of mechanical, plumbing, and fire protection systems
- Experience includes renovation and new construction projects for schools, office buildings, correctional facilities and many other types of commercial and industrial applications

Work History

RVE experience: 2009 to present

Total experience: 15 years

Education

B.S., Mechanical Engineering,
Cedarville University, 2009

Certifications/Registrations

Professional Engineer – NJ

LEED Approved Professional
Building Design & Construction

Representative Project Experience

College Center Fire Protection Systems, Middlesex College, NJ – Mechanical Engineer responsible for the design and implementation of a full fire suppression system at the College Center in Edison, NJ. This system required a fire pump to provide sufficient pressure and flow in the event of system activation with calculations detailing the specific pump requirements. Other aspects of the project include code analysis to determine proper hose connection locations, type of coverage required, and coordination with local fire code officials. The design services included survey work of existing building conditions, developing detailed fire protection drawings, and reviewing submittals during construction. Tasks included the calculation and design of a standpipe in accordance with NFPA Section 14, New Jersey Fire Code, and local officials. This was paired with an automatic sprinkler system throughout the entire building.

HVAC Upgrades at the Physical Education Center, Middlesex College, NJ – Project Manager responsible for developing a feasibility study for upgrades to the existing HVAC system at the Physical Education Center at Middlesex College in Edison, NJ. The building's existing HVAC system consisted of several single-zone and multi-zone air handling units, hot water pumps, PTAC units and other ancillary equipment. The evaluation included an assessment of the existing condition, efficiency, performance, code compliance and serviceability of the existing HVAC system. The final report included recommendations for the system upgrades and improvements including recommendations for the installation of the air conditioning at the facility. Construction cost estimates for all proposed recommendations will be provided and will identify sources of alternate funding such as rebates and grants that could be applied to this project. The improvements identified for the existing HVAC system, included the addition of air conditioning to the facility. RVE evaluated various new HVAC systems and compared a full-scale replacement of the existing HVAC system with an upgrade to the existing system. RVE made recommendations and designed the space for new equipment and systems based on construction costs, equipment performance and efficiency, maintenance costs, constructability and overall invasiveness to the existing facility. The new systems comply with the latest industry standards including the 2015 International Mechanical Code, 2015 International Building Code (New Jersey Edition), ASHRAE 90.1 Energy Standard, NFPA 70 National Electric Code and all other applicable codes and standards.

Dining Hall Renovations, Drew University, NJ – Mechanical Engineer responsible for the renovations to the Drew University Commons, a 20,000 SF university dining hall in Madison, NJ. Improvements included a new commercial kitchen/dining hall consisting of multiple cooking, serving stations and a dish washing station complete with all new commercial cooking and dish washing equipment. Renovations also included updated seating areas and revisions to the previous floor plan layout to include meeting rooms and new restrooms.

1085 Design Project, Kean University, NJ – Mechanical Engineer responsible for the renovation of the existing building, located on the Kean University campus at 1085 Morris Avenue in Union, NJ. This project involves redesigning the building to accommodate academic, conference events, research and community-focused service use by Kean University. Mechanical improvements include the installation of new dedicated HVAC equipment to support the proposed renovations and laboratories, the modification to existing HVAC equipment, as necessary, to accommodate the proposed renovations and change of use, the installation of kitchen ventilation systems for exhaust hood and makeup air (kitchen appliance design by others) and lab exhaust systems. Electrical improvements include new electrical power infrastructure, interior lighting, exterior lighting, fire alarm system modifications, emergency power systems, IT/data and security infrastructure backbone cabling, audio/visual infrastructure backbone cabling and power and data infrastructure for furniture and lab equipment. Plumbing and fire protection improvements include new plumbing fixtures (toilets, lavatories, showers, etc.), domestic water piping, sanitary drain piping, roof storm drainage piping, fuel gas piping, interior connections to irrigation system, DI water distribution system for laboratories, acid waste piping, grease trap and plumbing infrastructure for commercial kitchen, plumbing infrastructure for lab equipment, the preparation of coverage plans and delegated design specifications for modification to existing NFPA-13 Sprinkler Systems as necessary to support proposed floor plan renovations and supplemental fire suppression system to support laboratories. *Subconsultant to DI Group Architecture*

Kavan Smith, PE

Electrical Engineer

Associate

Overview

- Excellent analytical and programming skills developed through academic projects and work experience
- A decade of experience with complex hands-on technical projects, including residential and commercial electrical wiring
- Designs lighting and power electrical plans, involving riser diagrams and load diversity calculations
- Designs and programs control panels, involving the automation control of servos, VFDs, relays and PLCs

Work History

RVE experience: 2019 to present

Total experience: 10 years

Education

B.S., Electrical Engineering, Drexel University, 2015

Certifications/Registrations

Professional Engineer – NJ, PA

Representative Project Experience

Fire Sprinkler Installation, Middlesex College, NJ – Electrical Engineer responsible for the design and implementation of a full fire suppression system at the College Center at Middlesex County College in Edison, NJ. Tasks included the calculation and design of a standpipe in accordance with National Fire Protection Agency Section 14, New Jersey Fire Code, and local officials. This was paired with an automatic sprinkler system throughout the entire building. This system required a fire pump to provide sufficient pressure and flow in the event of system activation with calculations detailing the specific pump requirements. Other aspects of the project include code analysis to determine proper hose connection locations, type of coverage required, and coordination with local fire code officials. The design services included survey work of existing building conditions, developing detailed fire protection drawings, and reviewing submittals during construction.

Westampton Campus Additions and Renovations, Burlington County Institute of Technology, NJ –

Electrical Engineer responsible for additions and renovations of the existing welding and HVAC trade classrooms/shops (Addition – 3,800 SF/Renovation – 11,700 SF) at the Westampton Campus of the Burlington County Institute of Technology in Westampton, NJ. Mechanical, electrical, plumbing and fire protection improvements include the design and installation of HVAC systems, specialty exhaust systems for welding, fume exhaust, electrical power infrastructure, interior lighting, exterior and site lighting, fire alarm and security systems, IT/data backbone infrastructure, plumbing fixtures (toilets, lavatories, showers), water heaters, air compressor and compressed air distribution, domestic water piping, sanitary drain piping, roof storm drainage piping, fuel gas piping and NFPA-13 sprinkler systems. Structural engineering improvements include a review of the proposed building layout to coordinate the foundation and structural framing systems, the preparation of a Geotechnical Investigation Report, the design of support footings, foundations, steel support columns and beams, roof framing and bearing walls. Civil/site engineering services include a topographic outbound survey, permitting support and geotechnical services.

Park Avenue School Addition, Freehold Borough School District, NJ – Electrical Engineer

responsible for the construction of an addition to the Park Avenue School in Freehold, NJ. Amenities included the construction of a new addition including the installation of brick exterior walls, foundations, footings, metal framing, doors, windows, flooring, security systems, HVAC and controls, boilers, chillers, ceilings, plumbing, restrooms, metal lockers, fire protection systems, electrical and LED lighting. Tasks included design services, preparation of plans and specifications for bid phase and construction phase support.

District-wide Security Vestibule Improvements, Millburn School District, NJ – Electrical Engineer responsible for the oversight of security vestibule improvements at six schools in Millburn Township, NJ. Improvements included converting the existing entry vestibules at Millburn High School, Millburn Middle School, South Mountain Elementary School, Wyoming Elementary School and Glenwood Elementary School into security vestibules as well as interior renovations to the existing main offices. A security vestibule addition was constructed at Deerfield Elementary School, in addition to miscellaneous site work including a complete replacement of the school's existing entry driveway. Additionally, ADA improvements, including a new entry ramp, were performed at Millburn High School.

Additions and Renovations at the High School and New Field House, Pennsauken Public Schools, NJ

- Electrical Engineer responsible for the renovations and additions at Pennsauken High School, along with the design of a new field house in Pennsauken, NJ. Improvements included the design of a new electrical infrastructure (sound and LED lighting) in the auditorium, renovations of the library, locker rooms, toilet rooms, team locker and training rooms. A divider was installed in the gymnasium and a new field house is being designed for the stadium area. The High School security vestibule and main entrance was also updated.

Jacqueline Trovato, PE, CME

Structural Engineering Project Manager

Senior Associate, Structural Engineering Department Head

Overview

- More than 13 years of engineering experience
- Named Senior Associate in 2024
- Structural engineering design of buildings, bridges, foundations, retaining walls and bulkheads; and analysis of existing and proposed structures
- Performance of structural inspections
- Preparation of construction documents including drawings, specifications and cost estimates
- Projects supported include stormwater management, water/wastewater treatment facilities, educational facilities, and bridge/building inspections

Work History

RVE experience: 2013 to present

Total experience: 13 years

Education

B.S., Civil & Environmental Engineering, Lafayette College, 2010

B.A., Architectural Studies, Lafayette College, 2010

Certifications/Registrations

Professional Engineer – NJ, PA, DE, CT, NY, RI, VA, MA, MD, DC, NC, WV

Certified Municipal Engineer – NJ

Construction Specifications Institute (CSI) – Certified Document Technologist (CDT)

American Society of Civil Engineers (ASCE), Associate Member

ASCE Practitioner of the Year Award, 2012

Representative Project Experience

New STEM Facility, Hudson County College, NJ – Project Manager responsible for the design of a new Science, Technology, Engineering & Mathematics (STEM) Building for Hudson County Community College in Jersey City, NJ. The building was designed to include computer labs, classrooms and student break-out rooms on each of the top five floors; student lounges; lecture halls; floors dedicated to General Science, Electronics Engineering Technology/Physics/Engineering, Biology/Microbiology, and Chemistry; coffee shop; and exhibit space. Tasks included the design of the site amenities layout, concrete sidewalk, ADA parking upgrades, site grading, stormwater management, underground utilities and all necessary items for the complete design of the facility. Structural engineering services included the preparation of structural design plans and specifications, schematic structural design information to prepare the preliminary design plans, review of the Geotechnical Investigation Report, the preliminary design of structural support footings, foundations and floor slabs for the proposed additions, preliminary design of the structural steel support columns and beams, roof framing and bearing walls, preliminary structural design calculations and design development plans, construction plans and specifications preparation for the bidding of the project, bidding and negotiation services and the review the structural shop drawings and submittals.

1085 Design Project, Kean University, NJ – Structural Engineer responsible for the renovation of the existing building, located on the Kean University campus at 1085 Morris Avenue in Union, NJ. This project involves redesigning the building to accommodate academic, conference events, research and community-focused service use by Kean University. Structural engineering services include a visual inspection of accessible areas of the building, the identification of potential sources of water leaks or moisture penetration and structural deficiencies and the preparation of recommendations for repair or improvement to correct deficiencies. *Subconsultant to DI Group Architecture.*

Mt. Holly Center Roof & HVAC Equipment Replacement, Rowan College at Burlington County, NJ – Structural Engineer responsible for engineering, design, bid documents/specifications, contract administration and construction management services for the Mt. Holly Center Roof and HVAC Rooftop Equipment Replacement Project. Work for this project consists of the removal and replacement of the existing buildings roof sections located at the Mt. Holly Center Campus (includes all 11 flat and sloped roof areas); removal of the existing rooftop solar panels, removal and replacement of all HVAC roof top equipment located on the various roof sections, including, RTU's, make-up air units, exhaust fans and air condition units; removal and replacement of exterior roof mounted ductwork; providing new electrical power provisions for all new equipment and providing new compatible DMM controls to be integrated into the College's existing SEIMENS front end.

Serpico Stadium Baseball Field and Softball Field Improvements, West Chester University, PA – Structural Engineer responsible for the replacement of four existing dugouts at Serpico Baseball Field and the University Softball Field, located at the South Campus off South New Street adjacent to the tennis courts in the Township of West Goshen Township, PA. Under this contract, RVE provided field surveys of both fields and generated a base plan. A geotechnical investigation was performed to review the subsurface conditions and determine the establishment of a drainage system to remove stormwater from the dugouts. As the project progressed, the University requested a major change of scope to include additional field improvements at both locations as part of the project. Based on these scope changes, RVE prepared a schematic design to ensure the direction and suggestions of the University staff had been integrated prior to final design. Once approved, RVE provided final design services and obtained a National Pollutant Discharge Elimination System (NPDES) Permit and Erosion and Sediment Control adequacy from the Chester County Conservation District. Stormwater management design and report preparation were prepared in accordance with NPDES requirements and a stormwater infiltration test and soil investigation was performed. RVE revised the structural and electrical design plans to incorporate the features associated with the revised scope of work. The project consisted of the construction of a new baseball field including new masonry dugouts, improved field grading and infield materials, expanded backstop with protective netting, irrigation system, water services, and underground stormwater management facilities. Tasks included engineering design, obtaining all necessary stormwater and building permits as well as land development approvals in West Goshen Township, bidding support, and construction administration services.

Christopher Keller, PE

Senior Structural Engineer

Overview

- Experience includes structural design, foundation design, building envelope systems, architectural illumination and systems and pre-stressed concrete design
- Experience in testing building materials and methods to ensure the safety of new construction projects and compliance with project documents and specifications

Work History

RVE experience: 2015 to present

Total experience: 9 years

Education

B.S., Civil Engineering (Structural Concentration), Penn State University, 2014

Certifications/Registrations

Professional Engineer – NJ

Representative Project Experience

1085 Design Project, Kean University, NJ – Structural Engineer responsible for the renovation of the existing building, located on the Kean University campus at 1085 Morris Avenue in Union, NJ. This project involves redesigning the building to accommodate academic, conference events, research and community-focused service use by Kean University. Structural engineering services include a visual inspection of accessible areas of the building, the identification of potential sources of water leaks or moisture penetration and structural deficiencies and the preparation of recommendations for repair or improvement to correct deficiencies. *Subconsultant to DI Group Architecture.*

Mt. Holly Center Roof & HVAC Equipment Replacement, Rowan College at Burlington County, NJ – Structural Engineer responsible for engineering, design, bid documents/specifications, contract administration and construction management services for the Mt. Holly Center Roof and HVAC Rooftop Equipment Replacement Project. Work for this project consists of the removal and replacement of the existing buildings roof sections located at the Mt. Holly Center Campus (includes all 11 flat and sloped roof areas); removal of the existing rooftop solar panels, removal and replacement of all HVAC roof top equipment located on the various roof sections, including, RTU's, make-up air units, exhaust fans and air condition units; removal and replacement of exterior roof mounted ductwork; providing new electrical power provisions for all new equipment and providing new compatible DMM controls to be integrated into the College's existing SEIMENS front end.

Costello Academy Roof Replacement, New Jersey Department of Property Management and Construction – Structural Engineer responsible for the complete removal and replacement of the existing roofing system for the Phillip M. Costello Preparatory Academy building in Shamong, NJ. The existing residential facility consists of 16,000 SF of sloped asphalt shingles and the existing deck was comprised of wood. Once the roofing system is removed, RVE can evaluate the existing deck and determine if repairs are necessary to the existing wood decking and recommend replacement in those identified areas. The new roofing system is a metal standing seam roofing system with a minimum 25-year warranty. The advantages of a standing seam metal roof are that there are no fasteners visible on the surface, which means they aren't exposed to UV, moisture, wind, or other elements that can cause a fastener to wear or fail over time. Improvements will address all flashing and caulking required to have a weatherproof seal with all equipment and penetrations on the roof. All existing gutters and downspouts will be replaced with a commercial-grade aluminum gutter, which is heavy-duty and rust-resistant, providing for a better, longer-lasting finished product. RVE is coordinating all special inspections required for this project with a third-party.

Serpico Stadium Baseball Field and Softball Field Improvements, West Chester University, PA – Structural Engineer responsible for the replacement of four existing dugouts at Serpico Baseball Field and the University Softball Field, located at the South Campus off South New Street adjacent to the tennis courts in the Township of West Goshen Township, PA. Under this contract, RVE provided field surveys of both fields and generated a base plan. A geotechnical investigation was performed to review the subsurface conditions and determine the establishment of a drainage system to remove stormwater from the dugouts. As the project progressed, the University requested a major change of scope to include additional field improvements at both locations as part of the project. Based on these scope changes, RVE prepared a schematic design to ensure the direction and suggestions of the University staff had been integrated prior to final design. Once approved, RVE provided final design services and obtained a National Pollutant Discharge Elimination System (NPDES) Permit and Erosion and Sediment Control adequacy from the Chester County Conservation District. Stormwater management design and report preparation were prepared in accordance with NPDES requirements and a stormwater infiltration test and soil investigation was performed. RVE revised the structural and electrical design plans to incorporate the features associated with the revised scope of work. The project consisted of the construction of a new baseball field including new masonry dugouts, improved field grading and infield materials, expanded backstop with protective netting, irrigation system, water services, and underground stormwater management facilities. Tasks included engineering design, obtaining all necessary stormwater and building permits as well as land development approvals in West Goshen Township, bidding support, and construction administration services.

K. Charles Westen, PE

Geotechnical Engineer

Associate

Overview

- Provides engineering, design and project management services for more than four decades
- Areas of expertise include geotechnical engineering and foundation design, as well as construction management and daily field support services for building, marine, commercial, industrial, heavy highway and heavy civil projects
- Experience in deep foundation systems and ground modification and improvement utilizing various types grouting and soil densification methods

Work History

RVE experience: 2007 to present

Total experience: 40 years

Education

B.S., Civil Engineering, Michigan Technological University, 1983

Certifications/Registrations

Professional Engineer, NJ, PA, DE, NC

Certified Bridge Safety Inspector

NJ CBI Registry No. NJ24WESK01S

National Tunnel Safety Inspector

American Society of Civil Engineers – South Jersey Branch, Former Director/Officer)

ASCE Geo Institute

Representative Project Experience

New STEM Facility, Hudson County College, NJ – Geotechnical Engineer responsible for the design of a new Science, Technology, Engineering & Mathematics (STEM) Building for Hudson County Community College in Jersey City, NJ. The building was designed to include computer labs, classrooms and student break-out rooms on each of the top five floors; student lounges; lecture halls; floors dedicated to General Science, Electronics Engineering Technology/Physics/Engineering, Biology/Microbiology, and Chemistry; coffee shop; and exhibit space. Tasks included the design of the site amenities layout, concrete sidewalk, ADA parking upgrades, site grading, stormwater management, underground utilities and all necessary items for the complete design of the facility. Structural engineering services included the preparation of structural design plans and specifications, schematic structural design information to prepare the preliminary design plans, review of the Geotechnical Investigation Report, the preliminary design of structural support footings, foundations and floor slabs for the proposed additions, preliminary design of the structural steel support columns and beams, roof framing and bearing walls, preliminary structural design calculations and design development plans, construction plans and specifications preparation for the bidding of the project, bidding and negotiation services and the review the structural shop drawings and submittals.

1085 Design Project, Kean University, NJ – Geotechnical Engineer responsible for the renovation of the existing building, located on the Kean University campus at 1085 Morris Avenue in Union, NJ. This project involves redesigning the building to accommodate academic, conference events, research and community-focused service use by Kean University. Structural and geotechnical engineering services include a visual inspection of accessible areas of the building, the identification of potential sources of water leaks or moisture penetration and structural deficiencies and the preparation of recommendations for repair or improvement to correct deficiencies. *Subconsultant to DI Group Architecture.*

New Donald M. Payne School of Technology, Essex County Institute of Technology, NJ – Geotechnical Project Manager responsible for a new Vocational Technical High School in Newark, NJ. The proposed new school building is a multi-story steel frame and masonry wall bearing structure with a partial basement and slab on grade, having a footprint of 320,000 SF with a 73,000 SF elevated outdoor area which will be located over an area of at-grade parking. Services included performing a geotechnical field investigation, including standard penetration test borings and evaluation of subsurface conditions. RVE performed settlement and engineering analysis and prepared a geotechnical report with recommendations and designs for the use of stone columns to support conventional spread footing foundations. *Subconsultant to DiCara Rubino Architects*

Westampton Campus Additions and Renovations, Burlington County Institute of Technology, NJ – Geotechnical Engineer responsible for additions and renovations of the existing welding and HVAC trade classrooms/shops (Addition – 3,800 SF/Renovation – 11,700 SF) at the Westampton Campus of the Burlington County Institute of Technology in Westampton, NJ. Mechanical, electrical, plumbing and fire protection improvements include the design and installation of HVAC systems, specialty exhaust systems for welding, fume exhaust, electrical power infrastructure, interior lighting, exterior and site lighting, fire alarm and security systems, IT/data backbone infrastructure, plumbing fixtures (toilets, lavatories, showers), water heaters, air compressor and compressed air distribution, domestic water piping, sanitary drain piping, roof storm drainage piping, fuel gas piping and NFPA-13 sprinkler systems. Structural engineering improvements include a review of the proposed building layout to coordinate the foundation and structural framing systems, the preparation of a Geotechnical Investigation Report, the design of support footings, foundations, steel support columns and beams, roof framing and bearing walls. Civil/site engineering services include a topographic outbound survey, permitting support and geotechnical services.

Middle/High School Building New Gymnasium, Secaucus Public School District, NJ – Geotechnical Engineer responsible for the renovation of the existing facility and design of five new additions (approx. 55,000 SF) to the Middle/High School in Secaucus, NJ. Improvements included a brand-new gymnasium, weight rooms, locker rooms, uniform storage, scenery construction area, classrooms and laboratories. Based on historical data, the existing site and proposed additions were formerly an area of marsh land filled to make usable land. It was noted that there was some distress observed in some of the exterior walls of the existing building due to creep settlement of the underlying fills and marsh deposits. As a result, over 1,200 drilled micropiles rock socketed into intact rock were recommended by the firm's geotechnical department to be used as the foundation system for the proposed school additions.

Samantha Boonstra, PE

Civil Engineering Project Manager

Educational Services Department Head

Overview

- Experience includes proposal and specification writing, cost estimate preparation, bidding services and contract administration for civil/site projects
- Experience in NJDOT funded road improvement programs, ADA compliant handicap ramp replacement and grant application, park and municipal building improvement projects, storm sewer and sanitary sewer replacements

Work History

RVE experience: 2018 to present

Total experience: 8 years

Education

B.S., Civil and Environmental Engineering, Rowan University, 2016

Certifications/Registrations

Professional Engineer – NJ

EPA Certified Mold/Microbial Inspector

Representative Project Experience

Mt. Holly Center Roof & HVAC Equipment Replacement, Rowan College at Burlington County, NJ –

Project Manager responsible for engineering, design, bid documents/specifications, contract administration and construction management services for the Mt. Holly Center Roof and HVAC Rooftop Equipment Replacement Project. Work for this project consists of the removal and replacement of the existing buildings roof sections located at the Mt. Holly Center Campus (includes all 11 flat and sloped roof areas); removal of the existing rooftop solar panels, removal and replacement of all HVAC roof top equipment located on the various roof sections, including, RTU's, make-up air units, exhaust fans and air condition units; removal and replacement of exterior roof mounted ductwork; providing new electrical power provisions for all new equipment and providing new compatible DMM controls to be integrated into the College's existing SEIMENS front end.

GCIT Site Improvements, Gloucester County Institute of Technology, NJ – Project Engineer responsible for site improvements to the Gloucester County Institute of Technology in Deptford, NJ. Services included asphalt cores, environmental research, existing plan research, and interviews with the school resource officers and principals, to identify areas for improvement. Recommendations for improvements included milling approximately two inches of all existing asphalt at both schools parking lots and driveways and repaving, replacing settled or upheaved sidewalks, reconstructing all ADA ramps, replacing all inlet curb pieces with Type N castings, repairing cracked or deteriorated sections of storm conveyance piping, replacing faded or damaged parking lot signage, repainting yellow curbs where required in ADA modified areas, trimming trees blocking any parking and directional signs, and removing the tree causing the sidewalk to upheave. RVE also recommended the installation of new landscaping at the front entrance of the school as well as the construction of an outdoor classroom in the existing courtyard, complete with tiered retaining wall seating with grass and a paved area for table seating. RVE conducted field surveys of ADA access areas, sidewalks, driveways, and parking lots and prepared base plans for each school. RVE also surveyed the stormwater structures in the parking lots to ensure conveyance for design and documentation for potential piping replacements and repairs. RVE utilized the existing conditional base plans to develop construction plans and bid specifications as necessary and coordinated with the inspection manager for construction coordination needs.

Various Facility Improvement Projects, Gloucester Township School District, NJ – Client Representative responsible for the review of improvement projects on behalf of the school district in Gloucester Township, NJ. Projects include Ann Mullen and Glen Landing Middle School gymnasium RTU improvements, Glendora Elementary multipurpose room RTU improvements, Glen Landing Middle School classroom unit ventilator replacements, AHU replacements at Blackwood Elementary, Chews Landing Elementary, Erial Elementary James Lilley Elementary, Loring Fleming Elementary Union Valley Middle and Charles W. Lewis Middle Schools.

Engineer of Record, Pemberton Township School District, NJ – Client Representative/Project Manager responsible for the completion of improvement projects at schools in Pemberton Township, NJ. Projects include the Fort Dix School parking lot expansion, LFP updates, the Bus Garage parking lot reconstruction, High School roof replacements, Busansky Elementary School HVAC and window replacements, High School auditorium upgrades, various HVAC improvements and roof replacements at Pemberton High School.

Engineer of Record, Pennsville Public School District, NJ – Client Representative/Project Manager responsible for the completion of improvement projects at schools in Pennsville Township, NJ. Projects include the gymnasium floor investigation and abatement at Pennsville High School and Penn Beach Elementary School, security vestibule improvements at Central Park School, Penn Beach Elementary and Pennsville Middle and High Schools, major LRFP amendments and Pennsville Middle School HVAC improvements and roof replacement.

Professional of Record, Freehold Borough School District, NJ – Client Representative/Project Manager responsible for the completion of improvement projects for educational facilities in Freehold, NJ. Projects include the construction of the building addition at the Park Avenue School, HVAC improvements at the Freehold Learning Center, Park Avenue School locker room reconstruction and boiler replacement and canopy improvements.

Engineer of Record, Gibbsboro School District, NJ – Client Representative/Project Manager responsible for the completion of improvement projects at Gibbsboro Elementary School in Gibbsboro, NJ. Projects include pre-referendum services and office space renovations.

Jessica Hauber, PE

Senior Civil/Site Engineer

Senior Associate

Overview

- Supports various civil engineering improvement projects
- Named Senior Associate in 2024
- Expertise in site development, highway design, stormwater management and drainage design, erosion and sediment control, site plan geometry and grading, preparation of contract specifications and cost estimates
- A skilled structural engineer with experience in structural analysis and design for a variety of structures

Work History

RVE experience: 2009 to present

Total experience: 19 years

Education

B.S., Civil Engineering, Lehigh University, 2005

Certifications/Registrations

Professional Engineer – NJ, PA

Representative Project Experience

New West Caldwell Campus, Essex County College, NJ – Civil/Site Engineer responsible for the design of a new Essex County College campus in West Caldwell, NJ. Tasks included the demolition of existing buildings and parking areas, construction of a new driveway and parking area around new West Campus expansion building, including concrete curb and sidewalks, coordination of utilities to connect the new building and landscaping around the new building. Improvements required stormwater management due to the project being classified as Major Development. RVE provided stormwater design and a subsequent design report to meet current NJDEP stormwater standards. Test pits and infiltration testing was also required as part of the stormwater design. *Subconsultant to Netta Architects*

Additions and Renovations to North Hall, Middlesex College, NJ – Civil/Site Project Manager responsible for renovations to North Hall at Middlesex College in Edison, NJ. Constructed in 1931, this building served as the Army Hospital when the land now occupied by the College operated as the Raritan Arsenal and currently serves as office space for faculty and administrators. Improvements included the construction of new restrooms, new interior finishes for the floors and walls, repairs to the exterior facade of the building, replacement of the roof, and a new two-story, 1,500 SF addition with a basement that includes an entrance lobby, elevator and fire-rated egress stairwell. Tasks included civil/site engineering service for site grading, stormwater management and exterior façade repairs. *Subconsultant to Netta Architects*

Carlisle Avenue Stormwater Pipe Replacement, Montclair State University, NJ – Civil/Site Engineer responsible for the emergency replacement of a stormwater pipe located underneath Carlisle Avenue. A sinkhole developed within Carlisle Avenue located immediately west and adjacent to the Floyd Hall Arena. The University indicated they recently performed a videography of the pipe and discovered the corrugated plastic pipe that was installed as part of the Floyd Hall Arena site construction approximately 15 years ago is in failure and has or is continuing to collapse in certain locations. Construction documents were expeditiously developed so the entire run of the plastic pipe can be replaced before further deterioration occurs.

North Campus Athletic Fields Storm Piping Survey, Montclair State University, NJ – Civil/Site Engineer responsible for the development of accurate base plans for the above-referenced project associated with piping and filling the existing ditches within the North Campus Athletic Fields.

Exterior Staircase Design, Montclair State University, NJ – Structural Engineer responsible for the design of the exterior staircase leading from the parking area to the Upper Heights Building area included a topographic survey of the proposed staircase location. Base plans were prepared to show the area of the improvements; Site plan design of the area to be improved indicating the proposed site layout and associated grading for the construction of the stairs. Construction details were also developed; Preparation of technical specifications; Development of construction cost estimates for the work to be performed; Meetings with University representatives to review the plans and answer any questions; and Contract administration services.

Westampton Campus Additions and Renovations, Burlington County Institute of Technology, NJ – Structural Engineer responsible for additions and renovations of the existing welding and HVAC trade classrooms/shops (Addition – 3,800 SF/Renovation – 11,700 SF) at the Westampton Campus of the Burlington County Institute of Technology in Westampton, NJ. Mechanical, electrical, plumbing and fire protection improvements include the design and installation of HVAC systems, specialty exhaust systems for welding, fume exhaust, electrical power infrastructure, interior lighting, exterior and site lighting, fire alarm and security systems, IT/data backbone infrastructure, plumbing fixtures (toilets, lavatories, showers), water heaters, air compressor and compressed air distribution, domestic water piping, sanitary drain piping, roof storm drainage piping, fuel gas piping and NFPA-13 sprinkler systems. Structural engineering improvements include a review of the proposed building layout to coordinate the foundation and structural framing systems, the preparation of a Geotechnical Investigation Report, the design of support footings, foundations, steel support columns and beams, roof framing and bearing walls. Civil/site engineering services include a topographic outbound survey, permitting support and geotechnical services.

Douglas Hopper, PE, CME

Senior Civil/Site Engineer

Associate

Overview

- More than 30 years of civil and site engineering and project management experience
- Acquired invaluable professional and technical skills in the civil and environmental fields
- Experience includes park and recreation design, highway design, stormwater management and drainage design, erosion and sediment control, site plan geometry and grading, preparation of contract specifications and cost estimates, and regulatory compliance and permitting

Work History

RVE experience: 2000 to present

Total experience: 30 years

Education

M.S., Environmental Engineering

University of Tennessee, 2000

B.S., Civil Engineering, Auburn University, 1993

Certifications/Registrations

Professional Engineer – NJ, TN, SC, NC, RI

40-Hour OSHA 1910.120, Hazardous Waste Operations Training

8-Hour OSHA 1910.120, Hazardous Waste Operations Refresher Training

8-Hour Hazardous Waste Site Supervisor/Manager Training

Representative Project Experience

Additions and Renovations to North Hall, Middlesex College, NJ – Civil/Site Engineer responsible for renovations to North Hall at Middlesex College in Edison, NJ. Constructed in 1931, this building served as the Army Hospital when the land now occupied by the College operated as the Raritan Arsenal and currently serves as office space for faculty and administrators. Improvements included the construction of new restrooms, new interior finishes for the floors and walls, repairs to the exterior facade of the building, replacement of the roof, and a new two-story, 1,500 SF addition with a basement that includes an entrance lobby, elevator and fire-rated egress stairwell. Tasks included civil/site engineering service for site grading, stormwater management and exterior façade repairs. *Subconsultant to Netta Architects.*

Sprague Field Resurfacing and Parking Lot Improvements, Montclair State University, NJ – Civil/Site Engineer responsible for improvements to the stormwater runoff traveling downhill towards the abutting Parking Lots 7 and 8 in Montclair, NJ. There was significant stormwater runoff around the Panzer Gymnasium and at the northeast corner of the Sprague Football Field. Tasks included coordinating work with various University athletic staff, maintenance and facilities personnel as it relates to the problem, utility connections and parking lot operations/staging, the design of pedestrian walkways and roadways within the parking lot and adjacent to the field, engineering and landscape solutions associated with mitigating the uphill runoff and erosion issues on the downhill slopes adjacent to the building and field, the design the parking lot, sidewalk, striping, signage, stormwater management, landscaping and lighting; provide permitting services, the preparation of the schematic design, design development and construction documents with cost estimates and the development of the construction document package.

Exterior Staircase Design, Montclair State University, NJ – Civil/Site Engineer responsible for the design of the exterior staircase leading from the parking area to the Upper Heights Building area at Montclair State University in Montclair, NJ. Tasks included a topographic survey of the proposed staircase location, base plan preparation to show the area of the improvements, the site plan design of the area to be improved indicating the proposed site layout and associated grading for the construction of the stairs, the development of construction plans and technical specifications and cost estimates were developed and onsite meetings with University representatives were held to review the plans and answer any questions. Contract administration services were also provided.

Carlisle Avenue Stormwater Pipe Replacement, Montclair State University, NJ – Civil/Site Engineer responsible for the emergency replacement of a stormwater pipe located underneath Carlisle Avenue on the campus of Montclair State University in Montclair, NJ. A sinkhole developed within Carlisle Avenue located immediately west and adjacent to the Floyd Hall Arena. The University indicated they recently performed a videography of the pipe and discovered the corrugated plastic pipe that was installed as part of the Floyd Hall Arena site construction approximately 15 years ago is in failure and has or is continuing to collapse in certain locations. Construction documents were expeditiously developed so the entire run of the plastic pipe can be replaced before further deterioration occurs.

Griffith Building Parking Lot Improvements, Stevens Institute of Technology, NJ – The project entailed the design of parking lot improvements. An existing building had recently been removed from the site and it made additional space available for parking. Assessed the existing parking conditions at the site and was able to create a more efficient design for the entire parking area. The design maximized the number of spaces available and provided better traffic flow throughout the site. In addition to the new parking lot configuration, the design improved traffic safety in the area by relocating the parking lot entrance farther north along Sinatra Drive to provide larger sight distances for vehicles exiting the site. As a result, Stevens Institute was able to increase the number of parking spaces within the Griffith lot from 134 to 176 spaces: an increase of over 30%.

South Campus Drainage Study, Rowan University, NJ – Civil/Site Engineer responsible for the completion of a drainage study of the existing stormwater system of Rowan University's South Campus in Glassboro, NJ. The study included reviewing the videotape of the existing system and gathering all existing data. Both visual and hydrologic data were analyzed to determine the existing watershed parameters of the system to determine anticipated stormwater discharge rates.

George Adams, EIT

Senior Civil/Site Engineering Technician

Overview

- More than three years of experience in the design and construction of various projects including roadway resurfacing and reconstruction, facility improvements, athletic facilities, parks and recreation and site and drainage improvements
- Responsibilities include conducting studies, engineering design, preparation of plans and specifications, permitting and construction administration and inspection as well as grant assistance

Work History

RVE experience: 2021 to present

Total experience: 4 years

Education

B.S., Civil Engineering, University of Pennsylvania, 2021

Certifications/Registrations

Engineer in Training - NJ

Representative Project Experience

Facility Assessments and Energy Conservation Assessment, Community College of Philadelphia, PA – Senior Engineering Technician responsible for completing a facility needs assessment at the Community College of Philadelphia, PA. Tasks included a review of existing HVAC, electrical, and plumbing fixtures in the facilities to provide recommendations to either leave in place if they still have useful life or if the equipment required replacement. RVE provided a report and met to discuss which items the College should address first.

Highland Regional High School Parking Lot Expansion, Black Horse Pike Regional School District, NJ – Senior Engineering Technician responsible for the upgrade and expansion of the parking lot at Highland Regional High School in Blackwood, NJ. Tasks included the excavation and reconstruction of the existing asphalt parking lot, grading of the southeast portion of the lot, the removal and replacement of concrete stairs with ADA compliant railing, the removal and replacement of 360 LF of six-inch ductile iron water main, the installation of ADA compliant curb ramps and concrete sidewalks, walkways, aprons and curbing, the reconstruction of stormwater inlets and the installation of bollards, traffic stripes and markings.

Donald Van Blake Tennis Court Improvements, Plainfield Public Schools, NJ – Senior Engineering Technician responsible for improvements to the Donald Van Blake Tennis Courts in the City of Plainfield, NJ. Improvements included the construction of four construction entrances, installing pavement layers for positive stormwater drainage, resurfacing and repainting existing outdoor tennis courts, applying new striping following USTA standards, replacing existing tennis court nets and providing new portable nets, protecting and maintaining existing court infrastructure, installing padding around light poles, placing filter bags over existing drains and regrading and restoring disturbed areas with topsoil, fertilizer, seed and straw mulching. Tasks included design, construction document preparation and USTA grant assistance.

Samuel T. Busansky Elementary School HVAC and Window Renovations, Pemberton Township Public Schools, NJ – Senior Engineering Technician responsible for the removal of existing air conditioning units, demolition of blinds and other items, establishment of containment for demolition and abatement, installation of new window storefront systems and accessories, coordination of HVAC unit locations, installation of new HVAC units, shelving and accessories, air monitoring during abatement, demolition of existing mechanical and electrical components, provision of new energy recovery units, ductwork, electrical panels and power circuits, modification of existing electrical systems, removal and reinstallation of ceilings and implementation of various alternates for additional work such as demolition of existing air handling units and installation of new rooftop units and ductwork. Tasks included design, bidding, advertisement and construction administration and inspection.

Middle School HVAC Improvements, Pennsville Public School District, NJ – Senior Engineering Technician responsible for HVAC improvements at or the installation of remote air-cooled condensing units, along with necessary electrical and general contracting work. The scope of work included protecting existing property, providing new condensing units and refrigeration piping, integrating units into the building automation system, air balancing and installing new electrical power circuits. Work included design, bidding, project management and construction phase services.

Central Park Elementary School Roofing Improvements, Pennsville Public School District, NJ -- Senior Engineering Technician responsible for the complete removal and replacement of the roofing system at the Central Park Elementary School in Pennsville, NJ. Improvements included demolishing and disposing of existing roofing systems down to the roof decks, inspecting and repairing deteriorated areas, providing new roofing systems with EPDM membrane roofing and proper sloping, installing new flashing materials, extending vent pipes, replacing scuppers and roof drain assemblies, resetting pipe supports and electrical conduits, installing aluminum fascia/drip edge, securing existing roof ladder and adding walking pads, replacing the roof hatch, reinstalling guardrails and ensuring site cleaning and restoration to pre-construction conditions. Tasks included design, bidding, project management and construction phase services.

Megan Zeigler, Assoc. AIA

Senior Civil/Site Engineering Technician

Overview

- More than two decades of experience as a CAD Operator
- Responsibilities include the production of computer-generated drawings and designs for educational and commercial buildings, including architectural, HVAC, electrical, structural and civil engineering
- Experienced with various software programs, including AutoCAD products from R-14 to the most current release

Work History

RVE experience: 2014 to present

Total experience: 30 years

Education

M.S., Civil Engineering, Rowan University, 2021

A.S., Engineering Science, Rowan College of Gloucester County, 2018

B.A., Architecture, Temple University, 1995

Certifications/Registrations

Associate Member, American Institute of Architects (AIA)

Affiliations/Memberships

Treasurer, AIA West Jersey

Representative Project Experience

Sozio Hall Elevator Renovation, Kean University, NJ – Senior Engineering Technician responsible for of engineering design services to support the proposed elevator and associated spaces within the renovated area. This includes both the elevator machine room as well as the separate storage section after the new interior wall has been installed. Mechanical work includes the installation of a new ductless split system. Electrical work includes replacement of all interior lighting with new LED lighting; power new elevator equipment as required by the manufacturer; power new HVAC equipment as required by the manufacturer; installation of a new switch to elevator machine room lighting, located a point of entry and installation of new 125V, single phase, 15 or 20 ampere duplex receptacle in new elevator machine room. Plumbing work includes the replacement of domestic water piping and sanitary drain piping. Fire protection work includes modification of the sprinkler system as necessary to accommodate the new elevator machine room. Building modifications include installation of proposed interior wall system; repair of the existing floor system; removal and replacement of the existing window systems and installation of proposed exterior access. RVE is providing design, permitting, budding support and construction administration for this project.

GCIT Site Improvements, Gloucester County Institute of Technology, NJ – Engineering Technician responsible for site improvements to the Gloucester County Institute of Technology in Deptford, NJ. Services included asphalt cores, environmental research, existing plan research, and interviews with the school resource officers and principals, to identify areas for improvement. Recommendations for improvements included milling approximately two inches of all existing asphalt at both schools parking lots and driveways and repaving, replacing settled or upheaved sidewalks, reconstructing all ADA ramps, replacing all inlet curb pieces with Type N castings, repairing cracked or deteriorated sections of storm conveyance piping, replacing faded or damaged parking lot signage, repainting yellow curbs where required in ADA modified areas, trimming trees blocking any parking and directional signs, and removing the tree causing the sidewalk to upheave. RVE also recommended the installation of new landscaping at the front entrance of the school as well as the construction of an outdoor classroom in the existing courtyard, complete with tiered retaining wall seating with grass and a paved area for table seating. RVE conducted field surveys of ADA access areas, sidewalks, driveways, and parking lots and prepared base plans for each school. RVE also surveyed the stormwater structures in the parking lots to ensure conveyance for design and documentation for potential piping replacements and repairs. RVE utilized the existing conditional base plans to develop construction plans and bid specifications as necessary and coordinated with the inspection manager for construction coordination needs.

Park Avenue School Addition, Freehold Borough School District, NJ – Engineering Technician responsible for the construction of an addition to the Park Avenue School in Freehold, NJ. Amenities included the construction of a new addition including the installation of brick exterior walls, foundations, footings, metal framing, doors, windows, flooring, security systems, HVAC and controls, boilers, chillers, ceilings, plumbing, restrooms, metal lockers, fire protection systems, electrical and LED lighting. Tasks included design services, preparation of plans and specifications for bid phase and construction phase support.

Rubberized Gym Floor Investigation and Abatement, Washington Township Public Schools, NJ – Engineering Technician responsible to perform an extensive risk assessment at the District's eight school facilities in Sewell, NJ. The goal was to test the gymnasiums for mercury vapor in the flooring and air. Results returned within 48 hours indicated the levels of vapor in the flooring were below the maximum limits allowed. A report was prepared for the District to discuss the findings and recommendations to mitigate exposure. RVE and our Certified Industrial Hygienist recommended the District increase ventilation in the effected spaces to lower the risk of poor air quality. Since the gymnasium floors will continue to degrade over time, the potential for increased vapor exposure will continue, thus, the District replaced all gymnasium floors in the summer of 2019. RVE supported the District's extensive educational outreach and Board meetings by handling questions from concerned parents, staff and local media to ensure the safety of the facilities and those who utilize them regularly.

Owen Yavoski

Civil/Site Engineering Technician

Overview

- More than four years of experience in the design and construction of roadway improvements, facility renovations and additions, athletic facilities, pedestrian improvements and utility improvements
- Responsibilities include building surveys, conducting studies, engineering design, preparation of plans and specifications, permitting and construction administration and inspection as well as grant assistance
- Additional experience includes the preparation of LRFPs for state submission and approval

Work History

RVE experience: 2020 to present

Total experience: 4 years

Education

B.S., Civil Engineering, Rowan University, 2022

Certifications/Registrations

OSHA 10 Training

Representative Project Experience

Facility Assessments and Energy Conservation Assessment, Community College of Philadelphia, PA – Engineering Technician responsible for completing a facility needs assessment at the Community College of Philadelphia, PA. Tasks included a review of existing HVAC, electrical, and plumbing fixtures in the facilities to provide recommendations to either leave in place if they still have useful life or if the equipment required replacement. RVE provided a report and met to discuss which items the College should address first.

Whitney E. Houston Academy Dance Studio Renovations, East Orange School District, NJ – Engineering Technician responsible for the construction of two dressing rooms in the existing Dance Studio Classroom S-8 at Whitney E. Houston Academy in East Orange, NJ. The base bid included relocating the thermostat, constructing new walls, installing new doors and hardware, painting, providing and installing exhaust fan and ductwork, balancing air terminals, installing light fixtures and occupancy sensors, setting up new electrical circuits, replacing vinyl wall base and flooring and patching damaged surfaces to match existing ones.

Triton High School Stadium Improvements, Black Horse Pike Regional School District, NJ – Engineering Technician responsible for stadium improvements at Triton Regional High School in Runnemede, NJ. Improvements included site preparation, erosion control measures, new concrete sidewalks and slabs, installing infrastructure for pavilions, bleachers and pump stations, coordinating utility connections and ensuring proper grading. Additionally, the project included the construction of a new building, including foundations, walls, roofing, gutters, bleachers, HVAC, plumbing, electrical systems and fire suppression systems.

Veteran's Family School HVAC Improvements, Camden City Public Schools, NJ – Engineering Technician responsible for the HVAC improvements at Dr. Henry H. Davis Family School, Veteran's Memorial Family School and Cooper's Poynt Family School in Camden, NJ. The primary objective is to upgrade the existing steam boiler systems with new hot water systems and introduce air conditioning throughout each facility. Tasks include conducting a thorough survey, evaluating existing facilities and documenting pertinent as-built information to inform the project, the preparation of detailed design plans and specifications for the proposed HVAC improvements, facilitating a seamless construction bid solicitation process, managing the entire project life cycle, including design, bidding and construction phases, ensuring a cohesive and efficient process from start to finish, bid and award and construction administration services. Funding for these projects is substantially provided by the existing ARP allotment, supplemented by ARP funds reallocated from East Side High School.

Parkview Elementary School Multipurpose Room Flooring Replacement, Westville Board of Education, NJ – Engineering Technician responsible for the multi-purpose room flooring replacement at Parkview Elementary School in Westville, NJ. Improvements included the abatement and replacement of the multipurpose room floor, the replacement of the carpets in the two vestibules leading to the multipurpose room and the replacement of all cove base in the existing multipurpose room. Tasks included protecting existing surfaces and furniture, removing and abating synthetic gym flooring, installing new gym flooring with necessary repairs and preparations, infilling concrete core samples, installing new cove base and replacing carpet tile flooring in designated areas, with all work including repairs and preparations completed according to specifications.

Orchard Valley Middle School and Grenloch Terrace Early Childhood Center Window Replacement, Washington Township School District, NJ – Engineering Technician responsible for the replacement of windows at the Orchard Valley Middle School and Grenloch Terrace Early Childhood Center in Sewell, NJ. Improvements at the Orchard Valley Middle School included establishing containment, demolishing existing window systems, installing new window storefront systems and awning window units, providing and installing new roller shades and patching damaged surfaces to match adjacent finishes. For Grenloch Terrace ECC, the work involved demolishing existing window sash and blinds, installing new window assemblies within existing frames, cladding existing window frames, staining salvaged wooden sills, reinstalling salvaged window units and providing and installing new roller shades. Additionally, there were alternate bids for integrated window shades and 3M safety and security window film at both schools. This project was funded through a ROD grant.

Douglas C. Cowan, LLA, PLA, AICP, PP

Landscape Architect

Overview

- Experienced planning, design and permitting professional
- Expedite land use, zoning and permitting approvals
- Landscape design

Work History

RVE experience: 2023-present

Total experience: 16 years

Education

B.S. Landscape Architecture (BSLA),
Iowa State University

Master of Urban and Regional Planning
(MURP), Florida Atlantic University

Certifications/Registrations

American Institute of Certified Planners

American Planning Association,
National and NJ Chapters

Licensed Landscape Architect – NJ,
PA, NC

Professional Planner – NJ

Representative Project Experience

Senior and Community Center, Ewing Township, NJ – Landscape Architect responsible for preparing the landscape plan, details and specifications for a proposed senior center reconstruction project. The landscape plan included several green infrastructure “rain gardens,” featuring native herbaceous perennials, shrubs and trees, designed to improve aesthetics, increase water infiltration rate and quality, and help minimize flooding.

46th Street Park Improvements, North Bergen Township, NJ – Landscape Architect responsible for preparing a conceptual supplemental shade tree buffer planting study for steep slope area of property located between active sports fields and adjacent existing residential property.

Warinanco Park Azalea Gardens, County of Union, NJ – Landscape Architect responsible for the restoration of the Azalea Garden, located in Warinanco Park, to its original Olmsted design. The garden is dedicated to the memory of Caxton Brown of Summit, NJ (1879-1952), who helped create, and was a member of, the Union County Park Commission. The garden contains hundreds of plants in many dozens of manicured beds. Tasks included developing construction documents and obtaining any necessary outside agency approvals, and well as approvals from any local historical commissions and societies. RVE provided the review and research of historical drawings, documents, plans and any other pertinent available documents including the identification of the species/genus of the original Olmsted Azalea Garden. Additionally, a plant survey was performed for the site to determine what is currently planted in the project area. A limited conventional ground survey was performed at the Azalea Garden and immediately adjacent areas of the park. Existing condition base plans were produced from this survey information as well as existing documents and field reconnaissance. Full time construction inspection services consisted of submittal and shop drawing review and construction administration services during the construction phase of the project.

New Hillside Public Library, Hillside Township, NJ – Landscape Architect responsible for preparing the landscape plan, details and specifications for a proposed public library replacement project. Calling for a variety of native perennial plant materials, the landscape plan includes proposed “rain gardens,” designed to provide pollinator forage and year round color and textural visual interest, while promoting stormwater water infiltration rate and quality, to help minimize flooding and promote watershed health.

Planning and Zoning Board Planner / Landscape Architect – Glassboro Borough, NJ – Client Representative responsible for review of site development, subdivision and landscape plans for a wide variety of project types. Prepare master plan consistency reports, assist with ordinance amendments, attend monthly meetings, provide comments and recommendations to the Borough Planning and Zoning Boards.

General Planning Services, Logan Township, NJ – Professional Planner responsible for supporting planning services to the Township of Logan, NJ. Tasks included reviewing and drafting ordinances related to Electric Vehicles, Solar, Sign control and Liquid Natural Gas, with specific tasks including the review of the Sign Control and Liquid Natural Gas ordinances and drafting an Electric Vehicle ordinance based on recommendations from the master plan.

General Planning Services, Jackson Township, NJ – Professional Planner responsible for supporting planning services to the Township of Jackson, NJ. Tasks include reviewing and revising adopted ordinances to eliminate inconsistencies in association with ongoing school litigation.

Waynesburg-Wisecarver Trail Connector Study, County of Greene, PA – Landscape Architect responsible for the Waynesburg-Wisecarver Trail Connector Study, which will serve as a comprehensive framework for future trail and recreational development in Waynesburg, PA. The study involved engaging the community through public participation, conducting a detailed physical inventory and assessment of the proposed trail corridor, evaluating legal feasibility, considering community wants and needs, addressing trail management and fiscal feasibility and providing an implementation matrix to guide the project's implementation. This inclusive and well-informed approach ensures grassroots support and a well-coordinated plan for the trail's successful development.

Charles E. Adamson, PLS, AET, NP

Land Surveyor

Senior Associate

Overview

- More than 40 years of experience in the engineering field
- Serves as Survey/GIS/Tax Map Department Head supporting all survey activities for the firm
- Named the 2011-2012 NJ Surveyor of the Year by the NJ Society of Professional Land Surveyors
- Serves as Co-Cape May County Regional Manager for all Cape May clients

Work History

RVE experience: 1984 to present

Total experience: 43 years

Education

Land Surveying Certificate Course, Drexel University, 1986 Mathematics of Land Surveying

Certificate, Gloucester County College, 1985

Drafting & Design, Gloucester County College, 1981

Land Surveying Review Course Rutgers University, 1987

Certifications/Registrations

Professional Licensed Surveyor – NJ, License No. GS 42627

Associate Engineering Technician – NJ Highway Survey (Class 3)

Water & Sewer/Highway Construction (Class 2)

Soils/Concrete/Asphalt (Class 2)

OSHA-trained – 40 hours Confined Space Training – 8 hours Notary Public – License No. NJ2173872

Global Positioning System (GPS) Office/Field Training

Vice President, West Jersey Society of Land Surveyors

Director, New Jersey Society of Professional Land Surveyors

Member, Pennsylvania Society of Land Surveyors, National Society of Professional Surveyors, National Society of Professional Engineers and American Society of Civil Engineers

Representative Project Experience

Survey Services for Capital Improvement Projects, Montclair State University, NJ – Chief Land Surveyor responsible for providing survey services for capital improvement projects on behalf of Montclair State University in Montclair, NJ. Projects include North Campus athletic storm piping survey, athletic field section survey and Sprague Field resurfacing and parking lot improvements.

Survey Services for Capital Improvement Projects, Camden County College, NJ – Chief Land Surveyor responsible for providing survey services for capital improvement projects on behalf of Camden County College in Blackwood, NJ. Projects include the college bookstore redesign, Ring Road and site improvements and the CIM building.

Survey Services for Capital Improvement Projects, Rutgers University, NJ – Chief Land Surveyor responsible for providing survey services for capital improvement projects on behalf of Rutgers University and its campuses throughout NJ. Projects included the Cape Shore Facility beach restoration, Tuckerton dredging, shuttle route modifications, Tuckerton Field Marine Station and several topographic outbound surveys.

Survey Services for Capital Improvement Projects, Stevens Institute of Technology, NJ – Chief Land Surveyor responsible for providing survey services for capital improvement projects on behalf of Steven's Institute of Technology in Hoboken, NJ. Projects include a topographic/outbound right-of-way survey for the waterfront walkway and the Griffith Building parking lot improvements.

Survey Services for Capital Improvement Projects, Rowan University, NJ – Chief Land Surveyor responsible for providing survey services for capital improvement projects on behalf of Rowan University in Glassboro, NJ. Projects included Carpenter Street stormwater ponding repair, Recreational Center stormwater ponding repair, Mimosa Hall drainage improvements, temporary employee parking lot, Abbotts Pond Pavilion feasibility study, Savitz Library water quality basin walkway, intramural field improvements, Route 322 corridor study, North and South Campus drainage study. Bunce Hall and Hollybush boundary plans.

Survey Services for Capital Improvement Projects, Montgomery County Community College, PA – Chief Land Surveyor responsible for providing survey services for capital improvement projects on behalf of Montgomery County Community College in Blue Bell, PA. Projects include the East House renovation project, Morris Road entrance renovations and the MCCC Health Sciences Center.

Survey Services for Capital Improvement Projects, West Chester University, PA – Chief Land Surveyor responsible for providing survey services for capital improvement projects on behalf of West Chester University in West Chester, PA. Projects include Farrell Stadium turf/track replacement, dugout renovations at Serpico Field, Wayne Hall sidewalk renovations and ADA upgrades and the Swope Hall Music Building groundwater infiltration project.

Survey Services for Capital Improvement Projects, Camden City Public Schools, NJ – Chief Land Surveyor responsible for providing survey services for capital improvement projects on behalf of the Camden City Public Schools in Camden, NJ. Recent projects include Riggs Center Alternative High School Sewerage Improvements, design and installation of playgrounds at District elementary schools, Coopers' Poynt Elementary School UST removal, Forest Hill Elementary School Playground, Veteran Memorial School wall repair and parking lot improvements, HVAC improvements at Davis Family School and Coopers Poynt Elementary School, Pre-K addition and parking lot improvements at Veteran's Memorial School and the East Side High School swing space.

Survey Services for Capital Improvement Projects, Central Regional School District, NJ – Chief Land Surveyor responsible for providing survey services for capital improvement projects on behalf of the Central Regional School District in Ocean County, NJ. Recent projects include Riggs Center Alternative High School Sewerage Improvements, design and installation of playgrounds at District elementary schools, Coopers' the upgrade to bleachers, water main design, site improvements at Central Regional High School, survey and site plan for a new maintenance building and a new by-pass and drop off road at Forrest Hill School.

List of Institutions of Similar Size and Scope Served Since 2020

Section 4

Section 4

List of Institutions of Similar Size and Scope Served Since 2020

Below is a list highlighting institutions of similar size and scope that RVE has recently served. Additional project experience is provided at the end of this section and our list of client references is provided with the Attachment 10 Reference form in [Section 10](#).

Name of Agency: Rowan College at Burlington County

Contact: James Clang, Director of Facilities and Project Management, 856-291-4228

Dates: March 2024 – Present

Scope and Cost of Services:**Mt. Holly Center Roof & HVAC Equipment Replacement**

RVE is responsible for engineering, design, bid documents/specifications, contract administration and construction management services for the Mt. Holly Center Roof and HVAC Rooftop Equipment Replacement Project. Work for this project consists of the removal and replacement of the existing buildings roof sections located at the Mt. Holly Center Campus (includes all 11 flat and sloped roof areas); removal of the existing rooftop solar panels, removal and replacement of all HVAC roof top equipment located on the various roof sections, including, RTU's, make-up air units, exhaust fans and air condition units; removal and replacement of exterior roof mounted ductwork; providing new electrical power provisions for all new equipment and providing new compatible DMM controls to be integrated into the College's existing SEIMENS front end. *Fee: \$167,320*

Phase I ESA

In accordance with the ASTM Standard Practices for Environmental Subject Property Assessment (ASTM E-1527-21), RVE prepared a Phase I Environmental Site Assessment (ESA) Report for properties located at the Rowan College Burlington County Campus in the Township of Mount Laurel, Burlington County, New Jersey. The purpose of conducting the Phase I ESA was to identify recognized environmental conditions (RECs), controlled recognized environmental conditions (CRECs) and historic recognized environmental conditions (HRECs), in connection with the properties. *Fee: \$13,140*

Name of Agency: Kean University

Contact: Steven Remotti, Vice President, Facilities & Campus Planning, 908-737-5018

Dates: January 2025 – Present

Scope and Cost of Services:**1085 Design Project**

RVE is providing civil/site, mechanical, electrical, plumbing and fire protection and structural engineering services for the renovation of the existing building, located on the Kean University campus at 1085 Morris Avenue in Union, NJ. This project involves redesigning the building to accommodate academic, conference events, research and community-focused service use by Kean University. RVE is serving as a subconsultant to DI Group Architecture. *Fee: \$2,431,611*

Code Study/Elevator Assessment for Sozio Hall

RVE provided engineering services for an in-depth visual and hands-on study of all vertical systems for the duplex passenger elevators to determine code compliance and conditions assessment for upgrades/ modernization. Services included review of any existing building plans, sections and details; performing a detailed site inspection; performing ADA and Building Code Assessment of existing machine room, which includes analysis of ventilation and cooling;

providing a written report summarizing the results of findings, providing two concept layouts for client reviews for modernization options and reviewing findings and layout options with University Staff. *Fee: \$27,600*

Sozio Hall Elevator Renovation

RVE is responsible for engineering design services for structural, electrical, plumbing and HVAC systems to support the proposed elevator and associated spaces within the renovated area. This includes both the elevator machine room as well as the separate storage section after the new interior wall has been installed. Mechanical work includes the installation of a new ductless split system. RVE is providing design, permitting, bidding support and construction administration for this project. *Fee: \$153,000*

Hynes Hall RTU 1 Replacement Design

RVE was responsible for MEP and structural engineering design services for the replacement of RTU1 at Hynes Hall. Hynes Hall serves as the home of Kean's College of Business and Public Management. *Fee: \$49,070*

Assessment for New FIFA Pitch

RVE is responsible for providing surveying, civil/site engineering and environmental and permitting services for this assessment. The University is evaluating the viability of installing a new soccer pitch in the East Campus grass area that would adhere to FIFA specifications. RVE's services include field survey; base map preparation; wetland delineation; permitting analysis and conceptual design. *Fee: \$26,150*

Downs Hall Roof Replacement

RVE is responsible for providing structural engineering and permitting services for the replacement of the existing roofing system at Downs Hall with a singly ply roofing membrane. RVE's scope of services includes design phase, permitting, bidding/construction award phase, and construction administration and inspection phase. The permitting phase includes the submission of plans and specifications for DCA Review and addressing any comments. *Fee: \$84,900*

Name of Agency: Essex County Department of Public Works

Contact: Sanjeev Varghese, PE, Public Works Director & County Engineer, 973-226-8500

Dates: January 2022 – Present

Scope and Cost of Services:

County Correctional Facility Roof Replacement

RVE provided structural engineering services for the complete removal and replacement of the existing roofing system at the Essex County Correctional Facility in Newark, NJ. The facility consists of four interconnected buildings with a total roof area of approximately 335,000 SF. RVE conducted a site inspection, verified roof area dimensions and created an existing roof plan. Different roofing systems were evaluated, including single ply EPDM, single ply TPO or PVC and multiple ply built-up systems. Preliminary budget cost estimates for these systems were prepared and the preliminary design was submitted to the client for review. A meeting with the project team was conducted. A multiple ply built-up system was ultimately selected. RVE also provided construction inspection services for this project. *Fee: \$157,500*

Cooling Tower Replacements at Leroy Smith Public Safety Building and Veterans Courthouse

RVE provided MEP and structural engineering design, bidding and construction administration services for the replacement of two existing cooling towers at the Leroy Smith Public Safety and Veterans' Courthouse Buildings located within the Essex County Hall of Records Complex in the City of Newark, NJ. The existing cooling tower at Veteran's Courthouse serves indoor water-cooled chillers and the existing cooling tower at Leroy Smith serves water-cooled packaged air handling units. The final design included necessary roof, lightning rod repairs/replacement, etc. as necessary to accommodate the replacement of the cooling towers. *Fee: \$55,235*

Glenfield Park Tennis & Basketball Court Improvements

RVE provided civil/site, environmental and MEP engineering services for improvements at Glenfield Park in Montclair, NJ. Improvements included the renovation of the existing tennis court includes resurfacing, painting and striping courts to include two pickleball courts and two tennis courts; new nets, poles, windscreens and fencing; site grading and drainage; pathway paving; benches, bleachers, garbage cans and appropriate signage; bottle filling water stations; LED athletic lighting with remote operation and landscaping, irrigation and site improvements between the court complex and new synthetic turf field. Basketball court improvements include resurfacing, painting and striping; new backboards, nets, player benches, three-level bleachers and scoreboard; site grading and drainage; pathway paving; benches, garbage cans and appropriate signage; bottle filling water stations; LED athletic lighting with remote operation and landscaping and site improvements adjacent to the court complex. *Fee: \$87,400*

Name of Agency: Pemberton Township Schools

Contact: Pasquale Yacovelli, Business Administrator, 609-893-8141 x1004

Dates: 2020 – Present

Scope and Cost of Services:

Engineer of Record

As Engineer of Record, RVE provides a full range of services to support the planning and design of educational facilities and their infrastructure. These services include site planning and engineering for new construction, renovation and expansion of facilities. Our staff includes highly trained, experienced professionals in a variety of disciplines. As Engineer of Record to the Pemberton Township School District, RVE's recent projects (since 2020) include:

- High School Roof Replacement
- High School Various HVAC Improvements
- Helen Fort Middle School Auditorium Ceiling Improvements
- Fort Dix School Parking Lot Expansion
- Fort Dix School Temporary Classroom Unit
- Fort Dix Elementary School Chiller

Fee: Varies per project

Name of Agency: Washington Township Public Schools

Contact: Janine M. Wechter, CPA, Business Administrator/Board Secretary, 856-589-6644

Dates: 2020 – Present

Scope and Cost of Services:

Engineer of Record

AS Engineer of Record, RVE provides a full range of services to support the planning and design of educational facilities and their infrastructure. These services include site planning and engineering for new construction, renovation and expansion of facilities. Our staff includes highly trained, experienced professionals in a variety of disciplines. As Engineer of Record to Washington Township Public Schools, RVE's recent projects (since 2020) include:

- Roof Replacements at Various Schools
- Parking Lot Improvements at Various Schools
- High School Stadium Improvements
- High School Athletic Field Improvements
- Hurfville Elementary School Boiler Replacements

- Bells, Birches, Whitman and Wedgewood Elementary School RTU Replacements
- Grenloch ECC Window Replacement
- Orchard Valley Middle School Window Replacement
- Chestnut Ridge Middle School Window Replacement

Fee: Varies per project

Name of Agency: Pennsville Public Schools

Contact: Dr. Michael Brodzik, Superintendent, 856-540-6200 x7118

Dates: 2020 – Present

Scope and Cost of Services:

Engineer of Record

AS Engineer of Record, RVE provides a full range of services to support the planning and design of educational facilities and their infrastructure. These services include site planning and engineering for new construction, renovation and expansion of facilities. Our staff includes highly trained, experienced professionals in a variety of disciplines. As Engineer of Record to Pennsville School District, RVE's recent projects (since 2020) include:

- Pennsville High School Boiler Replacement
- Pennsville High School Partial Roof Replacement
- Pennsville High School Gym & Cafeteria HVAC Improvements
- BOE Administration Building Roof Replacement
- Pennsville Middle School Roof Replacement
- Pennsville Middle School HVAC Improvements
- Pennsville High School & Penn Beach Elementary School Security Vestibule Project
- Various Flooring Improvements

Fee: Varies per project

Additional Related Project Experience

Engineering Design Services for Community Colleges

Clients in New Jersey and Pennsylvania

Owner:

See individual clients below

Reference:

See individual project references below



*New West Caldwell Campus at Essex County College,
West Caldwell, NJ*



*New STEM Building, Hudson County
Community College, Jersey City, NJ*

RVE serves as Engineer/Professional of Record for more than 40 higher education clients throughout New Jersey and Pennsylvania. In this capacity, the community colleges and universities can call upon our services as a single source for a variety of building design and engineering project services. Our full-service portfolio allows us to address a planned or emergent project need for the client immediately, without the need for outside consultants. This method has proven beneficial for our clients seeking to construct or renovate their facilities and campuses.

Replacement of Air-Handling Units AHU-1 and AHU-2 and Condensing Units CU-1 and CU-2 at the Business and Industry Center, Youngwood, PA

RVE is providing professional engineering services for the replacement of two air-handling units (AHU-1 and AHU-2) and their associated condensing units (CU-1 and CU-2) at the Business and Industry Center of Westmoreland County Community College. This project aims to upgrade the HVAC system to enhance energy efficiency and integrate with the College's centralized campus automation system. This project is critical for maintaining and improving the HVAC infrastructure at the College, ensuring the upgraded system meets modern efficiency standards while integrating seamlessly into the campus-wide Delta Controls system. Tasks include the design and construction documentation phases, focusing on the HVAC, electrical power distribution and fire alarm systems. RVE will conduct a comprehensive site review, assess the existing conditions and incorporate recommendations from College staff regarding building systems. The engineering design will ensure compliance with the Pennsylvania Uniform Commercial Code and the Pennsylvania Energy Conservation Code.

Duration:

February 2025 to present

Client:

Westmoreland County
Community College

Facilities Assessment and Energy Conservation Measures, Philadelphia, PA

RVE provided engineering services for the completion of a facility assessment for energy conservation at the Community College campus in Philadelphia, PA. Tasks included a review of existing HVAC, electrical, and plumbing fixtures in the facilities to provide recommendations to either leave in place if they still have useful life or if the equipment required replacement. RVE provided a report and met to discuss which items the College should address first.

Duration:

February 2024 to May 2024

Client:

Community College of
Philadelphia, PA

Mount Holly Center Roof and HVAC Replacements, Mount Laurel, NJ

RVE provided engineering services for the roof and HVAC rooftop equipment replacements at the Mount Holly Center at Rowan College of Burlington County in Mount Laurel, NJ. Improvements included the removal and replacement of 11 flat and sloped roof sections at the Mount Holly Center campus, removal of rooftop solar panels, the removal and replacement of all HVAC roof top equipment located on the various roof sections, including RTU's, make-up air units, exhaust fans and air conditioning units, the removal and replacement of exterior roof mounted ductwork, new electrical equipment and compatible DMM controls to be integrated into the College's existing SEIMENS front end. Tasks included supporting the design, bid and award and construction phase services of the project.

Duration:

March 2024 to present

Client:

Rowan College of Burlington County

Founders and Grupp Hall Indoor Air Quality, Newtown, PA

RVE performed a variety of environmental tests within Founders Hall and Grupp Hall at the Newtown campus of Bucks County Community College in Newtown, PA. Founders Hall was opened in the 1960s and has approximately 73,000 SF of office and classroom space. Renovations to the building were completed in 2018 including upgrades to the electrical, heating, ventilation, air conditioning and plumbing systems. Grubb Hall, previously named Penn Hall, was constructed in the early 1970s and no major renovations to this building have occurred since that time. RVE worked closely with BCCC staff and facility to develop and implement a sampling plan designed to thoroughly investigate all areas of concern throughout both buildings. In total, RVE collected over 400 hundred samples for laboratory analysis including the evaluation of indoor spaces under occupied and unoccupied conditions for carbon dioxide (CO₂), carbon monoxide (CO), hydrogen sulfide (H₂S), temperature and humidity using handheld screening devices, the collection of drinking water samples for a variety of analysis including lead, legionella, and per- and polyfluorinated substances (PFAS), the collection of indoor air samples from multiple classrooms, offices, kitchenettes, etc. to evaluate for mold, radon, trichloroethylene (TCE) and dust mites, surface sampling testing to determine the absence/presence of mold and bacteria and visually inspected classrooms, offices, crawl spaces and above drop ceilings for evidence of mold, water infiltration, condensation, and other potential environmental issues. RVE also worked BCCC maintenance staff to investigate and remediate the presence of hydrogen sulfide and sewage odors located in multiple areas.

Duration:

February 2023 to present

Client:

Bucks County Community College

New West Caldwell Campus, West Caldwell, NJ

RVE provided civil/site engineering services for the design of a new Essex County College campus in West Caldwell, NJ. Tasks included the demolition of existing buildings and parking areas, construction of a new driveway and parking area around new West Campus expansion building, including concrete curb and sidewalks, coordination of utilities to connect the new building and landscaping around the new building. Improvements required stormwater management due to the project being classified as Major Development. RVE provided stormwater design and a subsequent design report to meet current NJDEP stormwater standards. Test pits and infiltration testing was also required as part of the stormwater design.

Duration:

June 2021 to October 2022

Client:

Essex County College

Physical Education Center HVAC Study and Upgrades, Edison, NJ

RVE provided engineering services to develop a feasibility study for upgrades to the existing HVAC system at the Physical Education Center at Middlesex College in Edison, NJ. The building's existing HVAC system consisted of several single-zone and multi-zone air handling units, hot water pumps, PTAC units and other ancillary equipment. The evaluation included an assessment of the existing condition, efficiency, performance, code compliance and serviceability of the existing HVAC system. The final report included recommendations for the system upgrades and improvements including recommendations for the installation of the air conditioning at the facility. Construction cost estimates for all

Duration:

October 2019 to April 2022

Client:

Middlesex College

proposed recommendations will be provided and will identify sources of alternate funding such as rebates and grants that could be applied to this project. The improvements identified for the existing HVAC system, included the addition of air conditioning to the facility. RVE evaluated various new HVAC systems and compared a full-scale replacement of the existing HVAC system with an upgrade to the existing system. RVE made recommendations and designed the space for new equipment and systems based on construction costs, equipment performance and efficiency, maintenance costs, constructability and overall invasiveness to the existing facility. The new systems comply with the latest industry standards including the 2015 International Mechanical Code, 2015 International Building Code (New Jersey Edition), ASHRAE 90.1 Energy Standard, NFPA 70 National Electric Code and all other applicable codes and standards.

New STEM Building, Jersey City, NJ

RVE provided civil/site and structural engineering services for the design of a new Science, Technology, Engineering & Mathematics (STEM) Building for Hudson County Community College in Jersey City, NJ. The building was designed to include computer labs, classrooms and student break-out rooms on each of the top five floors; student lounges; lecture halls; floors dedicated to General Science, Electronics Engineering Technology/Physics/Engineering, Biology/Microbiology, and Chemistry; coffee shop; and exhibit space. Tasks included the design of the site amenities layout, concrete sidewalk, ADA parking upgrades, site grading, stormwater management, underground utilities and all necessary items for the complete design of the facility. *Subconsultant to RSC Architects*

Duration:

January 2014 to May 2018

Client:

Hudson County Community College

Engineering Design Services for Higher Education Clients

Colleges and Universities in New Jersey and Pennsylvania

Owner:

See individual clients below

Reference:

See individual project references below



*School of Communications and Media
Additions and Renovations, Montclair, NJ*



Serpico Stadium Improvements, West Chester, PA

RVE serves as Engineer/Professional of Record for more than 40 higher education clients throughout New Jersey, Pennsylvania and North Carolina. In this capacity, the community colleges and universities can call upon our services as a single source for a variety of building design and engineering project services. Our full-service portfolio allows us to address a planned or emergent project need for the client immediately, without the need for outside consultants. This method has proven beneficial for our clients seeking to construct or renovate their facilities and campuses.

1085 Design Project, Union, NJ

RVE is providing civil/site, mechanical, electrical, plumbing and fire protection and structural engineering services for the renovation of the existing building, located on the Kean University campus at 1085 Morris Avenue in Union, NJ. This project involves redesigning the building to accommodate academic, conference events, research and community-focused service use by Kean University. Civil/site improvements include modifications to support the creation of a grand building entrance for public and community programming, patient and guest drive up and drop off, the construction of a new outdoor patio venue with ADA/IBC barrier free access, the installation of landscaping and hardscaping around the existing building, outdoor patio and parking deck, including irrigation and landscape lighting and the Installation of site lighting and wayfinding signage. Mechanical improvements include the installation of new dedicated HVAC equipment to support the proposed renovations and laboratories, the modification to existing HVAC equipment, as necessary, to accommodate the proposed renovations and change of use, the installation of kitchen ventilation systems for exhaust hood and makeup air (kitchen appliance design by others) and lab exhaust systems. Electrical improvements include new electrical power infrastructure, interior lighting, exterior lighting, fire alarm system modifications, emergency power systems, IT/data and security infrastructure backbone cabling, audio/visual infrastructure backbone cabling and power and data infrastructure for furniture and lab equipment. Plumbing and fire protection improvements include new plumbing fixtures (toilets, lavatories, showers, etc.), domestic water piping, sanitary drain piping, roof storm drainage piping, fuel gas piping, interior connections to irrigation system, DI water distribution system for laboratories, acid waste piping, grease trap and plumbing infrastructure for commercial kitchen, plumbing

Duration:

January 2025 to present

Client:

Kean University

infrastructure for lab equipment, the preparation of coverage plans and delegated design specifications for modification to existing NFPA-13 Sprinkler Systems as necessary to support proposed floor plan renovations and supplemental fire suppression system to support laboratories. Structural engineering services include a visual inspection of accessible areas of the building, the identification of potential sources of water leaks or moisture penetration and structural deficiencies and the preparation of recommendations for repair or improvement to correct deficiencies.

Ritter Hall Groundwater Investigation, Philadelphia, PA

RVE provided engineering services to investigate and evaluate water infiltration and flooding of the basement level of Ritter Hall after storm events at Temple University in Philadelphia, PA. The area of concern was isolated to the area along the western basement wall adjacent to existing stormwater management SMPs. Tasks included a review the SMP design and as-built plans and design changes to the SMPs to reduce and eliminate water infiltration into the basement level of Ritter Hall. RVE provided design changes to equalize retained stormwater between SMP 2 and SMP 3 and reduce flooding of an area of the Liacouras South walkway adjacent to SMP 3.

Duration:

September 2023 to present

Client:

Temple University

Serpico Stadium Improvements, West Chester, PA

RVE provided engineering and construction management services for the replacement of four existing dugouts at Serpico Baseball Field and the University Softball Field, located at the South Campus off South New Street adjacent to the tennis courts in the Township of West Goshen Township, PA. The project consisted of the construction of a new baseball field including new masonry dugouts, improved field grading and infield materials, expanded backstop with protective netting, irrigation system, water services, and underground stormwater management facilities. Tasks included engineering design, obtaining all necessary stormwater and building permits as well as land development approvals in West Goshen Township, bidding support, and construction administration services.

Duration:

October 2021 to May 2023

Client:

West Chester University

School of Communications and Media Additions and Renovations, Montclair, NJ

RVE provided engineering design and construction administration services for the \$56 million construction of the new School of Communication & Media facility at Montclair State University in Montclair, NJ. The project consisted of renovations and additions to create the state-of-the-art 88,000 SF facility. The new addition connects Morehead Hall and Life Hall. The new high-tech Presentation Hall offers the students an opportunity to feature their work amongst their peers, epitomizing the pinnacle college test of one's colleagues. This space is the epicenter of in-depth journalism accommodating political debates to featuring the latest director's cut. The ground floor includes all studios, corresponding control rooms and supporting spaces such as the equipment cage and engineering rooms that make that floor hum with activity. The second and third floors included editing booths, mixing studios and Foley sound studio. Tasks included mechanical, electrical, plumbing and fire protection services for the design of new HVAC systems, electrical power infrastructure, interior lighting, exterior lighting, emergency standby generators, fire alarm systems, security systems, IT cabling and infrastructure, plumbing fixtures, water heaters, domestic water piping, sanitary drain piping, roof storm drainage piping and automatic sprinkler systems. The project was certified as LEED Silver. RVE provided all supporting documentation and designs for the mechanical, electrical and plumbing/fire protection systems to achieve LEED certification. Energy modeling services were also provided as part of the LEED certification process. *Subconsultant to Cannon Design*

Duration:

March 2013 to September 2018

Client:

Montclair State University

Gee Hall MEP Improvements, Lawrence, NJ

RVE provided professional MEP design services for upgrades at Gee Hall at Rider University in Lawrence, NJ. Improvements included the demolition of air conditioning (PTAC) units for each resident room, resident assistant (RA) apartment and common study rooms (pods), the development of HVAC controls for the new PTAC units to be centrally managed from the University's network (designed as an alternate bid), the design of a heat pump mini-split units in the toilet rooms (designed as an alternate bid), the design of new electric heating fin tube and convectors for all non-heat pump spaces and a review of the toilet room exhaust fans and replacement. Additionally, RVE provided architectural and structural support services for the mechanical design of the cutting and sealing the PTAC openings in the exterior walls, chases/covers for the MEP systems, floor and wall core drilling coordination and general cutting/patching for the MEP systems. Tasks included providing new medium voltage electrical distribution to three campus buildings including complete replacement of the electrical infrastructure for Gee Hall. *Subconsultant to Spiegle Architects*

Duration:

December 2015 to May 2017

Client:

Rider University

Commons Dining Hall Renovation, Madison, NJ

RVE provided MEP engineering design services in support of the renovations to the Drew University Commons, a 20,000 SF university dining hall. Renovations included a new commercial kitchen/dining hall consisting of multiple cooking, serving stations and a dish washing station complete with all new commercial cooking and dish washing equipment. Renovations also included updated seating areas and revisions to the previous floor plan layout to include meeting rooms and new restrooms. *Subconsultant to Kimmel Bogrette.*

Duration:

October 2016 to January 2018

Client:

Drew University

Engineering Design Services for Building System Improvement Projects Various K-12 School Districts

Owner:

See individual clients below

Reference:

See client reference list

RVE's in-house engineering professionals are experienced in all types of health and life safety improvement projects for educational clients, including HVAC, boiler/chiller, electrical, lighting, security and plumbing system replacements. Our professionals guide each client from the planning and programming stages of a project through design, bidding, construction and start-up. In addition to design for rehabilitation, replacement and new construction projects, RVE offers facility and site planning services. These include long-range facilities planning, feasibility studies and site/building assessments. Below is an overview of our K-12 facility improvement project experience.

HVAC Improvements at North Main and Leeds Avenue Elementary Schools, Pleasantville, NJ

RVE provided professional engineering services for the HVAC rooftop unit replacements at the Washington Avenue Elementary School in Pleasantville, NJ. The project is split into two priority groups. The first includes the replacement of seven gas fired, packaged rooftop units and associated controls and accessories serving rooms 103, 108, 201, 204, 206, the nurse's office and the main hallway in the two-story classroom addition. The second priority group includes the replacement of 11 gas fired, packaged rooftop units and associated controls and accessories serving the two-story classroom addition and library. Additionally, it includes the replacement of two outdoor rooftop air cooled condensing units, associated indoor air handling units, ductwork, refrigeration piping, controls and accessories serving the gymnasium and the replacement of the gas fired, outdoor makeup air unit and associated controls and accessories serving the kitchen exhaust hood. Design services include all associated ductwork, power wiring, gas piping, controls, and other accessories that are required for the removal of the existing units and the installation of the new units and appurtenances.

Completed:

March 2023 to present

Client:

Pleasantville Public Schools

HVAC Renovations at Freehold Learning Center, Freehold, NJ

RVE provided professional engineering services for HVAC renovations, including reviewing existing data, conducting an alternatives analysis for open-classroom renovations, assessing hazardous materials on-site, designing HVAC system replacement, submitting NJDOE Project application, preparing bid documents, offering construction management and providing full-time on-site construction management services, along with project management, close-out and district support for ESSER Funds Reporting. Tasks included the demolition of the existing rooftop air-handling units, piping, ductwork and accessories and the existing diffusers, return grilles, ductwork and thermostats in classrooms and providing 30 new packaged rooftop air handling units, exhaust fans, relief ventilators, electric baseboard heaters, associated ductwork, controls, wiring, piping and thermostats. Additionally, the project included the installation of a new building automation system for rooftop units and exhaust fans, including controllers, relays, sensors, actuators, wiring, programming and graphics, furnishing and installation of structural steel for reinforcement and support of rooftop equipment, new gas piping on the rooftop, sealing wall penetrations and managing support wires on the ceiling grid, air balancing of new RTUs and associated supply registers, new electrical panels and power circuits to RTUs and modifying the existing main distribution switchboard for new electrical panels.

Duration:

August 2021 to October 2023

Construction Cost:

\$2.637 million

Client:

Freehold Borough School District

HVAC Improvements at Dr. Henry H. Davis Family School, Veteran's Memorial Family School and Cooper's Poynt Family School, Camden, NJ

RVE is providing engineering services for the HVAC improvements at three schools within the district: Dr. Henry H. Davis Family School, Veteran's Memorial Family School and Cooper's Poynt Family School in Camden, NJ. The primary objective is to upgrade the existing steam boiler systems with new hot water systems and introduce air conditioning throughout each facility. Tasks include conducting a thorough survey, evaluating existing facilities and documenting pertinent as-built information to inform the project, the preparation of detailed design plans and specifications for the proposed HVAC improvements, facilitating a seamless construction bid solicitation process, managing the entire project life cycle, including design, bidding and construction phases, ensuring a cohesive and efficient process from start to finish, bid and award and construction administration services. Funding for these projects is substantially provided by the existing ARP allotment, supplemented by ARP funds reallocated from East Side High School.

Duration:
March 2023 to present

Client:
Camden City Public Schools

HVAC Unit Replacements at the VECC, Ventnor, NJ

RVE provided mechanical, electrical and structural engineering services for the replacement of various HVAC units and exhaust fans at the VECC in Ventnor, NJ. Improvements included the demolition of existing units, installation of new units, duct work, refrigeration piping, hot water piping, and structural upgrades as needed.

Duration:
June 2019 to May 2020

Client:
Ventnor City Public Schools

Levitt Intermediate School HVAC Renovations, Willingboro, NJ

RVE provided mechanical, plumbing, and electrical engineering design and construction administration services for the improvements to the HVAC systems at Levitt Intermediate School in Willingboro, NJ. Improvements included the design of new condensing units, fencing, refrigerant piping, control programming and all related accessories for the existing unit ventilators serving the south side classrooms for the B, C and D wing classrooms, the faculty dining, art rooms and related storage rooms, choral room, instrumental room and related practice rooms, the team rooms, dance studio, locker rooms and gymnasium. The project also included the re-insulation of refrigerant piping for condensing units by the main entrance. Tasks included engineering design services, preliminary and final design plans, bid and award phase services and contract administration services.

Completed:
March 2020 to March 2021

Client:
Willingboro Township Public Schools

Timber Creek High School HVAC Control System Upgrade, Gloucester Township, NJ

RVE provided mechanical design services for the upgrade of the Trane Tracer Summit HVAC control system with a central computer interface at the Timber Creek High School in Gloucester Township, NJ. The new web-based system includes all controllers, wiring, programming and accessories as required to replace the existing control system and components. The conversion to a Tridium Niagara web-based architecture at the High School is in accordance with the HVAC Instrumentation and Controls Specification (15900).

Duration:
March 2020 to April 2023

Client:
Black Horse Pike Regional School District

Restroom Renovations at the VECC, Ventnor, NJ

RVE provided architectural, structural, mechanical, electrical, and plumbing engineering services for the renovation of various restrooms at the VECC in Ventnor, NJ. Improvements included accessibility upgrades, new floor, wall and ceiling treatments, new vandal resistant toilet partitions, new accessories, upgraded exhaust systems, new plumbing fixtures, and upgraded lighting.

Duration:
December 2018 to March 2021

Client:
Ventnor City Public Schools

Fire Protection System Upgrades at the VECC, Ventnor, NJ

RVE provided mechanical, electrical, and plumbing engineering services for the replacement of the automatic fire sprinkler system at the VECC in Ventnor, NJ. Improvements included the installation of sprinklers and piping throughout the building, as well as backflow preventers, alarms, and other equipment necessary for operation in accordance with applicable codes and standards. The design includes an evaluation of the available water supply to the building.

Duration:

December 2018 to September 2020

Client:

Ventnor City Public Schools

HVAC Improvements at North Main and Leeds Avenue Elementary Schools, Pleasantville, NJ

RVE provided engineering services for the HVAC improvements at the North Main and Leeds Avenue Elementary Schools in Pleasantville, NJ. Improvements included the installation for the replacement of chillers, hot water and gas piping, air handling boxes, new galvanized steel supply, return and outdoor air intake ductwork. Electrical power connections will be designed for the new equipment and any fire alarm system interlocks as may be required. Tasks included site visits and meetings to survey the existing conditions and discuss the project, preparation of all necessary analysis, drawings and other documents and make recommendations regarding basic mechanical, electrical plumbing systems to prepare a schematic design.

Duration:

January 2018 to December 2019

Client:

Pleasantville Public Schools

Middle School Fire Sprinklers Replacement, Pleasantville, NJ

RVE provided engineering services for the replacement of fire sprinklers at the Middle School in Pleasantville, NJ. Improvements included the replacement of all sprinkler heads and associated escutcheons in the School in accordance with all NFPA requirements. Tasks included engineering design, preparation of bid documents, contract administration, and construction observation.

Duration:

June 2017 to May 2018

Client:

Pleasantville Public Schools

High School Temporary Air Conditioning and Existing Chiller Repairs, Willingboro, NJ

RVE provided mechanical, electrical and plumbing engineering services for the investigation and replacement of the High School's HVAC system in Willingboro, NJ. Since this is an operating High School facility, work could not disrupt the activities throughout the contract period. Temporary cooling capability was provided for the entire building with a combination refurbished existing equipment for the building core and rental equipment for the perimeter spaces. Tasks included repairing the existing chilled water system (including chiller, cooling tower, pumps, air handlers, control valves, BAS Controls, etc.), providing 42oF water to the existing core air handling units, and providing temporary air conditioning units in all perimeter spaces of such capacity as maintaining 72F space temperature during all hours of operation. After the HVAC system investigation was completed, renovations for the HVAC system were scheduled. Improvements included renovations to six student boys' and girls' toilets, and six staff toilets, boys' and girls' locker rooms, including providing new ADA toilets, showers and replacing existing lockers with new lockers, new benches and related equipment, replacement of the auditorium stage lighting system, HVAC unit ventilators, the existing HVAC control system, provided building electrical service upgrades, upgrades to the electrical distribution system and plumbing system, limited VAT abatement and new VCT, a locking cabinet for all standard classrooms, two-year maintenance services and the removal and reinstallation of the corridor and classroom ceiling tile, grids and lights as required to accommodate new work. *Subconsultant to Garrison Architects.*

Completed:

October 2018 to June 2020

Client:

Willingboro Township Public Schools

Burling Elementary School HVAC Improvements, Pennsauken, NJ

RVE provided engineering services for HVAC improvements at the Burling Elementary School in Pennsauken, NJ. Improvements included the installation of new, three-phase electrical service sized to support the new HVAC system, the complete HVAC replacement, including new high efficiency cast iron condensing type boilers, pumps, piping and terminal

Completed:

2018

Construction Cost:

equipment, a unit ventilator replacement, including the addition of new heating hot water and chilled water coils, new air cooled roof mounted chiller package, including chilled water pumping skid and controls as well as structural support steel for mounting on the mechanical room roof, new four pipe hydronic heating/cooling system insulated piping, the complete abatement of the remaining asbestos pipe insulation in the existing boiler room and crawl space and a new DDC building automation system (BAS). Tasks included a review of system options with the BOE, attendance at necessary design meetings, preparation of necessary analyses, drawings and other documents, provided general consultation services, provided recommendations, obtained and evaluated bids as well as assisted in the awarding and preparing contracts for construction or installation and provided contract administration services.

\$2.6 million

Client:

Pennsauken Public Schools

Districtwide Boiler Replacements, Pennsauken, NJ

RVE provided engineering services for the removal and replacement of boilers at three schools in the Pennsauken Public School District in Pennsauken, NJ. At the Howard M. Phifer Middle School, RVE removed and replaced three existing heating hot water boilers with three new high-efficiency sectional boilers, revised the existing heating hot water piping to accommodate the new boiler configuration, removed and replaced the existing heating hot water circulation pumps with new higher-efficiency pumps, provided new combustion air louvers to supply boilers with the code-required amount of combustion air, removed and replaced the existing chimney liner with a new 20-gallon stainless steel liner and provided a new control system for the boiler equipment. For the Longfellow Elementary School, RVE removed and replaced the two existing steam boilers with two new high-efficiency sectional boilers, revised the existing steam and condensate piping to accommodate the new boiler configuration, removed and replaced the existing vacuum pump with new higher efficiency pump, removed and replaced the boiler feedwater pumps with new higher efficiency pumps, insulated all new and existing piping in the boiler room and adjacent rooms, provided a new combustion air louver to supply the boilers with the code-required amount of combustion air, removed and replaced existing chimney liner with a new 20-gallon stainless steel liner and provided a new control system for the boiler equipment. RVE provided professional services at the Roosevelt Elementary School for improvements including the removal and replacement of two existing steam boilers with two new high-efficiency sectional boilers, revised the existing steam and condensate piping to accommodate the new boiler configuration, removed and replaced the existing vacuum pump with a new higher efficiency pump, removed and replaced the boiler feedwater pumps with new higher efficiency pumps, insulated all new and existing piping in the boiler room and adjacent rooms and provided a new control system for the boiler equipment.

Completed:

Varies

Construction Cost:

Varies

Client:

Pennsauken Public Schools

School No. 6 Boiler Replacements, Cliffside Park, NJ

RVE provided mechanical, electrical and plumbing engineering and construction administration services for the boiler replacement at School No. 6 in Cliffside Park, NJ. Tasks included the replacement of two Weil-McLain 88-17 cast iron steam boilers, associated burners, boiler controls, breeching, boiler feed unit, condensate vacuum pump, steam piping, gas piping, etc. in the boiler room; replacement of the existing steam-to-hot water heat exchangers that are currently generating heating hot water for the school; replacement of the exchangers with two new high efficiency cast iron hot water boilers, boiler controls, pumps, breeching, heating hot water piping, gas piping, etc.; design of the electrical power connections to the new equipment and any fire alarm system interlocks that may be required. The new master boiler control system IS NOW tied into the existing building automation control system.

Duration:

December 2017 to August 2019

Client:

Cliffside Park School District

Security and Door System Upgrades, Sewell, NJ

RVE provided engineering services for the design and construction of security door systems, door control upgrades and security cameras at the main entrance and the 11/12 entrance of the Washington Township High School in Sewell, NJ. Improvements included the demolition and removal of the existing materials and the installation of new security doors, hardware, fire alarms, security cameras and electrical improvements.

Duration:

February 2016 to April 2020

Client:

Washington Township Public Schools

ADDITIONAL PROJECTS

PROJECT NAME	CLIENT	LOCATION
Mechanical, Electrical and Structural Evaluations	Atlantic City School District	Atlantic City, NJ
Boiler/HVAC Upgrades at Various Schools	Atlantic City School District	Atlantic City, NJ
Bayville ES HVAC Improvements	Berkeley Township School District	Berkeley, NJ
Clara B. Worth ES HVAC Improvements	Berkeley Township School District	Berkeley, NJ
MS HVAC and Humidity Investigation	Central Regional School District	Bayville, NJ
MS and HS RTU Investigation	Central Regional School District	Bayville, NJ
District-wide Facilities Assessment	East Orange School District	East Orange, NJ
Jackson Academy RTU and Piping Replacements	East Orange School District	East Orange, NJ
Egg Harbor HS Electric Service Evaluation	Egg Harbor Township Schools	Egg Harbor, NJ
HS HVAC Assessment and Renovations	Egg Harbor Township Schools	Egg Harbor, NJ
HVAC Assessment and Renovations	Folsom School District	Folsom, NJ
Park Avenue ES Boiler Replacement	Folsom School District	Folsom, NJ
Mullen MS Chiller Replacement	Gloucester Township Public Schools	Sicklerville, NJ
Mullen MS Gym RTU Improvements	Gloucester Township Public Schools	Sicklerville, NJ
Blackwood ES Gym Air Handler Unit Upgrades	Gloucester Township Public Schools	Blackwood, NJ
Multipurpose Room RTU Improvements	Gloucester Township Public Schools	Glendora, NJ
Loring Flemming MS Air Handler Upgrades	Gloucester Township Public Schools	Blackwood, NJ
Lilley ES Gym Air Handler Upgrades	Gloucester Township Public Schools	Sicklerville, NJ
Union Valley ES Chiller Replacement	Gloucester Township Public Schools	Sicklerville, NJ
Chews ES Gym Air Handler Unit Upgrades	Gloucester Township Public Schools	Blackwood, NJ
Lewis MS Gym/Locker Room Air Handler Upgrades	Gloucester Township Public Schools	Blackwood, NJ
Glen Landing MS Gym/Locker Room RTU Upgrades	Gloucester Township Public Schools	Blackwood, NJ
Glen Landing MS Unit Ventilator Replacements	Gloucester Township Public Schools	Blackwood, NJ
HVAC Maintenance Contract	Linwood School District	Linwood, NJ
HVAC Filtration Evaluation	Linwood School District	Linwood, NJ
Indoor Air Quality/HVAC Investigations at	Millville City Public Schools	Millville, NJ
HVAC System Assessment/Design Improvements	Mullica Township School District	Elwood, NJ
HVAC Improvements, Phase I	Oldmans Township School District	Pedricktown, NJ
Eastside School Gas Piping Improvements	Paterson City Public Schools	Paterson, NJ
HS Gym A HVAC Renovation	Pemberton Township School District	Pemberton, NJ
HS Auxiliary Gym HVAC Investigation	Pemberton Township School District	Pemberton, NJ
Busansky ES Emergency Power Upgrades	Pemberton Township School District	Pemberton, NJ
Districtwide Boiler Replacements	Pennsauken Township School District	Pennsauken, NJ
HS HVAC Improvements	Pennsauken Township School District	Pennsauken, NJ
Emergency Generator at Central Administration	Pennsauken Township School District	Pennsauken, NJ
MS and Burling ES Fire Alarm Upgrades	Pennsauken Township School District	Pennsauken, NJ
HS Steam and Tunnel Improvements	Pennsville School District	Pennsville, NJ
Hubbard MS Boiler Replacement	Plainfield Public Schools	Plainfield, NJ
Districtwide HVAC Assessment and Upgrades	Pleasantville Public Schools	Pleasantville, NJ
MS Elevator Repair/Replacement	Pleasantville Public Schools	Pleasantville, NJ
Leeds Avenue HVAC Improvements	Pleasantville Public Schools	Pleasantville, NJ
Washington Avenue HVAC Improvements	Pleasantville Public Schools	Pleasantville, NJ
HVAC Improvements	Sterling Regional High School District	Somerdale, NJ

HVAC Improvements – Energy Recovery Unit	Ventnor City School District	Ventnor, NJ
Replacement of Greenhouse Unit	Ventnor City School District	Ventnor, NJ
HVAC Improvements, Phase IV	Ventnor City School District	Ventnor, NJ
Replacement of HVAC Building Automation	Ventnor City School District	Ventnor, NJ
MS HVAC/IAQ Investigation	Washington Township Public Schools	Sewell, NJ
MS HVAC Improvements	Washington Township Public Schools	Sewell, NJ
Administration Building HVAC Improvements	Washington Township Public Schools	Sewell, NJ
Orchard Valley and Chestnut Ridge MS Chillers	Washington Township Public Schools	Sewell, NJ
Bells and Birches ES Boiler Replacement	Washington Township Public Schools	Sewell, NJ
Boiler Replacements at five schools	Washington Township Public Schools	Sewell, NJ
Whitman ES RTU Replacements	Washington Township Public Schools	Sewell, NJ
Crest Memorial ES HVAC Improvements	Wildwood Crest Board of Education	Wildwood Crest, NJ
Electrical Service Upgrades	Wildwood Crest Board of Education	Wildwood Crest, NJ
Administration Building Electrical/Generator	Willingboro Township Public Schools	Willingboro, NJ
HS Chiller Replacement	Willingboro Township Public Schools	Willingboro, NJ
Willingboro Memorial MS MEP Services	Willingboro Township Public Schools	Willingboro, NJ
Electronic Sign Installation at two schools	Willingboro Township Public Schools	Willingboro, NJ

Structural/Roof Replacement Projects

Various K-12 School Districts

Owner:

See individual clients below

Reference:

See client reference list



Middle School Façade Repairs, Hackensack Public Schools, Hackensack, NJ



Ventnor Educational Community Complex (VECC)

RVE has provided cost-effective structural engineering services for more than a century. Our design expertise covers a wide range of structural design systems such as structural steel frames, concrete foundation design, roofing systems, structural timber design and retaining wall systems. We routinely perform subsurface (geotechnical) investigations to select the best structural system for proposed structures. Our services include construction management/inspection and the analysis of existing structures to determine their capacity and safety. Below is an overview of our K-12 structural project experience.

High School Roof Replacement, Pemberton, NJ

RVE is providing engineering services for the replacement of various roof sections by the school store and a partial roof section of the original building and the auxiliary and gym “A” roof at the High School in Pemberton, NJ. Tasks included a review of existing drawings and other background data, the creation of base plans from existing school plans and field review of as-built dimensions, the development of plans and detail plans, submission of an NJDOE Project application and the preparation of specifications and final bid documents. Bid and construction oversight services were also provided.

Duration:

June 2024 to present

Client:

Pemberton Township Schools

Whitney Houston Academy of Creative and Performing Arts Roof Replacement, East Orange, NJ

RVE provided construction management services for the replacement of the roof at the Whitney Houston Academy of Creative and Performing Arts in East Orange, NJ, which opened in 1873 and is the oldest building in the school district. Construction began in 1825 and lasted until 1832, with a two-story brick building costing \$233.93. In 1883 and 1884, an addition was added and by 1915, it had more than 20 classrooms, an office and a 418-seat auditorium. Improvements included the replacement of the asphaltic roofing system with an EPDM roofing system includes the removal and replacement of the existing flat roof system with a new EPDM, which provides a 20-year warranty. The existing built-up and asphalt shingle roofing systems were completely removed and disposed of down to the roof deck. The condition of the roof deck and perimeter wood blocking was inspected and any deteriorated areas identified by the engineer were replaced before installation. All structures and MEP equipment were modified before the roof installation to meet warranty requirements. A modified bituminous membrane roofing system was installed, along with a torch-applied vapor barrier. Tapered, rigid insulation was provided to ensure proper sloping of the roof. Roof crickets were installed for proper drainage. A new asphalt-shingled roofing

Duration:

September 2022 to June 2023

Client:

East Orange School District

system was furnished and installed, including a self-adhering underlayment. Flashing materials were replaced according to manufacturer requirements. The existing copper wall panel was replaced, providing new roof drains, replacing scuppers and downspouts, replacing wall and window flashing terminations, resetting conduit, installing roof ladders and walking pads and replacing skylights and roof hatches. Liquid flashing was applied over stone capping following the approved manufacturers' requirements.

Hackensack Middle School Façade Repair, Hackensack, NJ

RVE provided structural engineering and construction management services to address deficiencies along the exterior of the Middle School located along 321 State Street in Hackensack, NJ. Improvements included the inspection of the building exterior, document structural deficiencies, design repairs, prepare construction documents, provide bidding support and construction administration and inspection services. RVE prepared construction documents based on the inspection observations which included repairs to existing lintels and masonry brickwork throughout the perimeter of the building. Recommended repairs were put together for the following deficiencies: Rusted and out of plane lintels above windows, cracked exterior masonry facade, weep hole installation, and roof repairs to prevent further water penetration. Obtaining access to the third story roof using a high lift was difficult due to several overhead wires and landscaping trees located near the school. Therefore, RVE utilized our in-house drone services to inspect the building from the ground. Utilizing our state-of-the-art equipment, the Engineer was able to view and analyze the drone footage live to locate areas of concern.

Completed:

February 2021 to October 2021

Client:

Hackensack Public Schools

Structural Repairs at Morris Elementary School, Philadelphia, PA

RVE provided structural engineering design for improvements at the Robert Morris Elementary School in Philadelphia, PA. Improvements included implementing repairs at the building envelope with the purpose of rehabilitation of the cast stone panels and façade joints to ensure that water infiltration is mitigated to prevent further degradation of façade materials. The completion of this project resulted in the prevention of moisture damage to building interior finishes that had been identified previously.

Completed:

March 2020 to January 2023

Client:

School District of Philadelphia

Replacement of VECC Roofing System, Phase III, Ventnor, NJ

RVE provided civil/site and structural engineering services for the design of the roof replacement at VECC in Ventnor, NJ. Two-thirds of the existing roof system were replaced under construction phases I and II. Improvements included the demolition and replacement of approximately 34,000 SF of roofing system, flashing at all roof curbs, penetrations, parapets, terminations, etc., remove and replace the existing gutters and downspouts, furnishing and installation of access ladders between separate roof levels, demolition of unused roof curbs and patch, remove and replace the skylights on roof curbs, survey exhaust fans and install new where needed and address the drainage issue at the ground level main entrance above the vestibule.

Completed:

December 2018 to March 2020

Client:

Ventnor City Public Schools

Leak Repairs at the VECC, Ventnor, NJ

RVE provided civil/site and structural engineering services for various leak repairs on the roof, walls, windows and other exterior locations at the VECC in Ventnor, NJ. Improvements included the replacement of roof perimeter sealant, sealant at all window headers, repair of expansion joints, repair of coping cap joints, repaired duct flashing along the gymnasium wall, repaired louver flashing, repaired surface wall flashing including new metal wall panels, caulk repairs, and brick repointing.

Completed:

December 2018 to March 2020

Client:

Ventnor City Public Schools

Longfellow Elementary School Demolition, Pennsauken, NJ

RVE provided engineering services for the preparation of plans and specifications for the demolition of Longfellow School in Pennsauken Township, NJ. Built in 1925, the three-story school building with a full basement consisting of concrete, masonry and wood frame construction had outlived its useful life and needed major renovation. The District ultimately decided to demolish the building and reutilize the property as a recreational space with walking trails for field trip space and nature observation. RVE performed a site inspection/evaluation, prepared design plans and specifications and provided bidding support and construction administration services for the complete demolition project.

Completed:

May 2018 to February 2021

Client:

Pennsauken Public Schools

Roosevelt Elementary School Façade Repair, Pennsauken, NJ

RVE provided structural engineering services for repairs to the front entrance façade at Roosevelt Elementary School in Pennsauken, NJ. A structural inspection was previously completed at the school to evaluate the structural integrity of the cast stone front entrance façade, brick façade, steel window lintels and brick chimney. Improvements included the repair broken sections of the cast stone façade, repointing and seal all loose joints of the cast stone façade, repointing all loose joints of the brick façade, cleaned, prepared and paint steel window lintels, replacement of deteriorated brick and repoint joints in the brick chimney and application of a clear seal coating to the brick and cast stone for moisture protection. Tasks included the preparation of plans and specifications to complete the improvements.

Completed:

July 2017 to January 2018

Client:

Pennsauken Public Schools

Veterans Memorial Middle School Brick Wall Repairs, Camden, NJ

RVE provided structural engineering services for the repairs to the exterior brick walls of Veterans Memorial Middle School in Camden, NJ. Tasks included the repair of the wall via the removal and replacement of the brick veneer in these areas so it can be properly tied to the wall structure. Tasks included the preparation of plans and specifications for the repair of the exterior brick veneer walls, site visit to verify existing conditions and identify locations of the wall repairs, review any existing plans of the building detailing the existing wall construction, prepare project plans detailing the proposed wall replacement, prepare bidding documents and submit plans to the local Code Official as required.

Completed:

July 2016 to June 2017

Client:

Camden City Public Schools

Roof Replacements at Various Schools, Harrison, NJ

RVE provided engineering services for a full replacement of the existing roofing system at the Hamilton Intermediate School, along with a portion of the metal standing seam roof at Lincoln Elementary School and a partial roof replacement for Roof "B" at the Washington Middle School. The overall scope of work for this project included the preparation of plans and specifications required for the complete installation of new roofing systems. Since Hamilton Intermediate School was planned to support solar panel installation in the future by Hudson County, RVE also completed a basic structural analysis of the roof and roof structure to determine its structural capacity for this future project. In addition to preparation of the bidding documents, the firm provided contract administration and inspection services during the removal and installation of the new roofing system.

Completed:

March 2012 to May 2015

Client:

Harrison School District

High School and Oakview Elementary School Roof Replacements, West Deptford, NJ

RVE provided civil/site and structural engineering services for the design of the complete removal and replacement of the roofing systems at various High School roof sections and the Oakview Elementary School 1999 Wing in West Deptford, NJ. The roofing systems were replaced with an ethylene propylene diene membrane roofing system with proper slope to area drains and downspouts. The replacement of the fascia, flashing, roof drains and downspouts, as well as the replacement of various condensing units were also included in the scope of work.

Completed:

April 2012 to March 2014

Client:

West Deptford School District

ADDITIONAL PROJECTS		
PROJECT NAME	CLIENT	LOCATION
Cooper's Poynt Family School Roof Replacement	Camden City Public Schools	Camden, NJ
Forest Hill ES Roof Replacement	Camden City Public Schools	Camden, NJ
Folsom ES Roof Replacement	Folsom School District	Folsom, NJ
MS #5 Structural Wall Crack Evaluation	Hackensack City Public Schools	Hackensack, NJ
Washington MS Roof Replacement	Town of Harrison School District	Harrison, NJ
6th Street Garage Roof Replacement	Town of Harrison School District	Harrison, NJ
HS Structural Inspection and Repairs	Mainland Regional School District	Linwood, NJ
Child Family Center Roof Replacement	Millville Public Schools	Millville, NJ
Central Park Roofing Improvements	Pennsville School District	Pennsville, NJ
Administrative Building Roof Replacement	Pennsville School District	Pennsville, NJ
MS Roof Replacement	Pennsville School District	Pennsville, NJ
Shawmont ES Improvements	School District of Philadelphia	Philadelphia, PA
Baldwin ES Roof Replacement	Pennsauken Township School District	Pennsauken, NJ
HS/MS Roof Rehabilitations	Pleasantville Public Schools	Pleasantville, NJ
South Main Street School Roof Replacement	Pleasantville Public Schools	Pleasantville, NJ
VECC Structural Evaluation	Ventnor City School District	Ventnor, NJ
Districtwide Roof Replacements	West Deptford School District	West Deptford, NJ
Bells ES 1997 Section Roof System Replacement	Washington Township Public Schools	Sewell, NJ
Jefferson ES Partial Roof Replacement	Washington Township Public Schools	Sewell, NJ
Wedgwood ES 1997 Section Roof Replacement	Washington Township Public Schools	Sewell, NJ
HS Partial Core Building Roof Replacement	Washington Township Public Schools	Sewell, NJ
Center for Performing Arts Structural Review	Washington Township Public Schools	Sewell, NJ
Parkview ES Roof Replacement	Westville Board of Education	Westville, NJ

Engineering Design for Addition and Renovation Projects Various K-12 School Districts

Owner:

See individual clients below

Reference:

See client reference list



High School Renovation and New Field House Addition, Pennsauken School District, Pennsauken, NJ



Pennwood Middle School Renovation, Pennsbury School District, Yardley, PA

RVE provides engineering services for the design of new or renovation of educational facilities for K-12 clients. Services include mechanical, electrical, plumbing and fire protection, civil/site services and construction management/inspection. Tasks generally include survey, preliminary and final design, bid and award and construction phase assistance. Additionally, RVE supported several clients with pre-referendum services to support district-wide additions and renovations. Below is an overview of our K-12 additions/renovations project experience.

Park Avenue School Addition, Freehold, NJ

RVE provided professional engineering services for the construction of an addition to the Park Avenue School in Freehold, NJ. Amenities included the construction of a new addition including the installation of brick exterior walls, foundations, footings, metal framing, doors, windows, flooring, security systems, HVAC and controls, boilers, chillers, ceilings, plumbing, restrooms, metal lockers, fire protection systems, electrical and LED lighting. Tasks included design services, preparation of plans and specifications for bid phase and construction phase support.

Duration:

October 2022 to present

Construction Cost:

TBD

Client:

Freehold Borough School District

Renovations and Additions at the High School and New Field House, Pennsauken, NJ

RVE provided mechanical, electrical, plumbing, site/civil and structural engineering/design and construction administration services for the renovations and additions at Pennsauken High School, along with the design of a new field house in Pennsauken, NJ. Improvements included the design of a new electrical infrastructure (sound and LED lighting) in the auditorium, renovations to the library, locker rooms, toilet rooms, team locker and training rooms. A divider was installed in the gymnasium and a new field house is being designed for the stadium area. The High School security vestibule and main entrance were also updated.

Duration:

August 2019 to November 2020

Construction Cost:

TBD

Client:

Pennsauken Public Schools

Additions and Renovations at Phifer Middle School, Baldwin Elementary School and Roosevelt Magnate High School, Pennsauken, NJ

RVE provided mechanical, electrical and plumbing, civil/site and structural engineering services for addition and renovations at the Phifer Middle School and Baldwin Elementary School and the New Roosevelt Magnate High School in Pennsauken, NJ. Improvements at the Phifer Middle School include the replacement of the existing storm drainage system corrugated metal pipe that has deteriorated, the relocation of the existing bus loop, new mechanical and electrical systems to support the new interior security vestibule, the conversion of an existing space into three Science Labs and three SGI Rooms and the installation of new stage curtains and upgrade sound and lighting systems in the auditorium. Baldwin Elementary School improvements include the design of new mechanical and electrical systems to support the new interior security vestibule, new accessible toilet rooms in the pre-kindergarten rooms and two new pre-kindergarten classrooms. Improvements at the New Roosevelt Magnet High School include new LED Lighting fixtures in the corridors to support the acoustical ceiling replacement, a new accessible lift in the multi-purpose room, the replacement of the existing HVAC system serving the classrooms, a new addressable fire alarm system, a new electrical service to support the HVAC systems, a new first floor Science Lab Addition, a new elevator with mechanical room and a new, one-story free-standing gymnasium addition. RVE is providing engineering support services during the schematic design, design development, construction document and bidding/negotiation phases of the project. Additionally, we will provide contract administration services as part of this contract.

Duration:
August 2018 to present

Construction Cost:
TBD

Client:
Pennsauken Public Schools

Worrall Elementary School Additions and Renovations, Broomall, PA

RVE provided engineering services for improvements at Worrall Elementary School in Marple, PA. Improvements included a new building addition and reconfiguring the parking lots and parent drop-off areas. Improvements include site grading, utilities, stormwater management, new/replacement curbs, sidewalks, pavements, playgrounds, landscaping, fencing, stormwater management and other site features. The improvements required land development approval from Marple Township and a General NPDES permit from the PADEP before earth disturbance activities could begin. Design work ensured ADA compliance with new pedestrian routes and adequate site drainage. Tasks included schematic design, design development, zoning applications, landscaping and lighting design, sewer planning, land development, permitting, construction documents and construction phase services.

Subconsultant to Bonnett Associates

Duration:
August 2018 to May 2021

Client:
Marple-Newtown School District

Loomis Elementary School Additions and Renovations, Broomall, PA

RVE provided land development and civil/site engineering services for Marple Newtown School District related to the additions and renovations project at Loomis Elementary School in Broomall, PA. Improvements included a complete renovation of an existing elementary school including HVAC, plumbing, electrical, life safety systems, accessibility compliance alterations, the addition of fire protection system, extensive programmatic space alterations, kitchen alterations, new roofing, finishes, casework, doors and hardware, etc. The project also included a new addition with six classrooms, two small group rooms and a cafeteria expansion for increased cafeteria capacity. *Subconsultant to Bonnett Associates*

Duration:
July 2018 to May 2020

Construction Cost:
\$19.8 million

Client:
Marple-Newtown School District

High School and Middle School Improvement Projects, Millville, NJ

RVE provided mechanical, electrical, plumbing, fire protection, structural and civil/site engineering schematic design services for additions and renovations to the Senior High School and the Lakeside Middle School in Millville, NJ on behalf of the NJSDA. Services included the design of fire protection/automatic sprinkler systems and standpipes inside the building, clean agent systems, HVAC systems, electrical power and coordination with utility company, interior lighting, exterior lighting, emergency/backup generators, fire alarm

Duration:
July 2017 to December 2018

Construction Cost:
\$110 million

system, security/intrusion alarm systems, including closed-circuit television (CCTV), building automation systems (BAS) for temperature and lighting control, public address (PA) systems, Teledata backbone and infrastructure, plumbing fixtures, water distribution and sanitary drain piping inside the building, roof storm drainage piping inside the building, water heaters and pumps, structural support of new equipment and structural analysis of existing structural components, and civil/site design as necessary to prepare preliminary schematic design plans. *Subconsultant to RSC Architects*

Client:
New Jersey Schools
Development Authority

Montgomery Elementary School Renovations, Montgomery Township, PA

RVE provided civil/site engineering design and land development services for the complete renovation of Montgomery Elementary School in Montgomery Township, PA. Improvements included HVAC, plumbing, electrical, life safety systems, accessibility compliance alterations, the addition of fire protection system, extensive programmatic space alterations, kitchen alterations, new roofing, finishes, casework, doors and hardware, etc. The project also included a two-story classroom addition which included eight classrooms, two small group rooms and student restrooms and new main entrance canopy. RVE prepared design documents and secured all necessary approvals and permits for the land development associated with this project. Design elements RVE was responsible for included site layout, grading, stormwater management, erosion controls, utility services, landscaping and site lighting. *Subconsultant to Bonnett Associates*

Duration:
October 2015 to July 2017

Construction Cost:
\$20.3 million

Client:
North Penn School District

Pennwood Middle School Renovation, Yardley, PA

RVE provided professional engineering services for the site improvements at the Pennwood Middle School campus in Fallsington, PA. The two-story building was built in 1951 with a 1970's era addition and has undergone school-wide renovations in most system for the first time. The facility serves grades 6 to 8 for approximately 900 students. Pennwood Middle School is one of three that shares a campus in the District. Renovations included additional visitor parking, the removal of the Pennwood natatorium (swimming pool wing) to accommodate more classrooms, the relocation of the administrative offices to the existing front entrance to provide a more secure situation for people entering and exiting the building, larger guidance suite with conference rooms to facilitate the growing needs of students, maintenance of the exterior brick work, new bus dock pick up and drop off area to improve traffic safety and new heating system and air conditioning systems. The improvements are intended to address the lack of sufficient space to meet current student and curriculum needs. *Subconsultant to USA Architects*

Duration:
December 2014 to January 2020

Client:
Pennsbury School District

District Wide Addition and Renovation Projects, Pennsville, NJ

RVE provided engineering design and construction management services for district wide renovations to five schools in Pennsville, NJ. Renovations at Pennsville High School included toilet room renovations, fire alarm system upgrades, auditorium renovations, a new PA system, exhaust fan control improvements, building re-pointing, emergency generator upgrades, window replacements, parking lot renovations, athletic stadium and field improvements. Pennsville Middle School renovations included toilet room renovations, fire alarm system, auditorium renovations, a new PA system, exhaust fan control improvements, building re-pointing, emergency generator upgrades window replacements and parking lot renovations. Boiler system replacements, parking lot renovations, HVAC improvements, a new PA system, fire alarm system and emergency generator upgrades were the focus of the Central Park Elementary School improvement project. Penn Beach Elementary School renovations included a boiler system replacement, parking lot renovations, HVAC improvements, a new PA system, fire alarm system and emergency generator upgrades. Toilet room renovations, parking lot renovations, HVAC improvements, a new PA system, fire alarm system and emergency generator upgrades were the focus of improvements at Valley Park Elementary School.

Duration:
March 2013 to September 2016

Construction Cost:
\$15 million

Client:
Pennsville Public Schools

Middle/High School Building Additions and Renovations, Secaucus, NJ

RVE provided engineering services for the Middle/High School building additions and renovations project in Secaucus, NJ. The existing school was built in 1978. The objective of this project is the renovation of the existing facility and design of five new additions (approximately 55,000 SF), including a brand-new gymnasium, weight rooms, locker rooms, uniform storage, scenery construction area, classrooms and laboratories. Civil/site design highlights for this project include conceptual site plan designs and design development, construction documents for site modifications for public bid associated with school additions and environmental permitting. Civil/site engineering services such as ADA parking upgrades, storm water management facilities, underground utilities and site grading were provided as well as structural design for proposed additions, including foundation design, steel framing, and HVAC support design. *Subconsultant to DiCara Rubino Architects*

Duration:

March 2013 to February 2016

Construction Cost:

\$27 million

Client:

Secaucus Public School District

ADDITIONAL PROJECTS

PROJECT NAME	CLIENT	LOCATION
New Maintenance Building	Central Regional School District	Bayville, NJ
STEM Academy Facility Improvements	East Orange School District	East Orange, NJ
Washington MS Cafeteria and Bathroom Remodel	Town of Harrison School District	Harrison, NJ
Mannington ES Improvements	Mannington Public Schools	Mannington, NJ
Holly Glen ES Improvements	Monroe Township School District	Williamstown, NJ
Oak Knoll ES Improvements	Monroe Township School District	Williamstown, NJ
Radix ES Improvements	Monroe Township School District	Williamstown, NJ
Whitehall ES Improvements	Monroe Township School District	Williamstown, NJ
Williamstown MS Improvements	Monroe Township School District	Williamstown, NJ
Williamstown HS Improvements	Monroe Township School District	Williamstown, NJ
Referendum Support Services, Phase 1	Mullica Township School District	Mullica, NJ
HS STEM Building Addition	Pennsauken School District	Pennsauken, NJ
Additions/Renovations at Phifer MS, Baldwin ES and the New Roosevelt Magnate HS	Pennsauken School District	Pennsauken, NJ
Burling ES HVAC, Roof and Window Replacement	Pennsauken School District	Pennsauken, NJ
Levitt MS Alterations and Renovations	Willingboro Township Public Schools	Willingboro, NJ
Winslow ES Classroom and Gymnasium Addition	Winslow Township School District	Sicklerville, NJ

Specialty Classrooms/Ancillary Spaces

Various K-12 School Districts

Owner:

See individual clients below

Reference:

See client reference list



High School Culinary Arts Lab, Pennsauken Public Schools, Pennsauken, NJ



High School Library/Media Center Renovations, West Deptford High School, West Deptford, NJ

RVE provides engineering services for the design of new or renovation of existing specialty classrooms for specific trades programs and/or special learning classrooms for K-12 and vocational-technical school clients. Services include mechanical, electrical, plumbing and fire protection, civil/site services and construction management/inspection. Tasks generally include survey, preliminary and final design, bid and award and construction phase assistance. Below is an overview of our ancillary space renovation project experience.

East Side High School Science Lab Renovations, Paterson, NJ

RVE is providing engineering services for the renovation of five science laboratories and two general science/multi-use classrooms at East Side High School in Paterson, NJ. Tasks include floor plan development, room finishes for ceilings, floors and walls, new lab benches, cabinets and associated furnishings, HVAC and electrical power structure infrastructure upgrades, interior lighting, fire alarm systems, IT cabling, security systems, new domestic water piping, sanitary drain piping and fuel gas piping. Services included engineering design, bidding and award, advertisement and construction administration phase services.

Duration:

June 2024 to present

Construction Cost:

TBD

Client:

Paterson Public Schools

Montesano Cafeteria Addition, Paramus, NJ

RVE is providing engineering services for the renovation of five science laboratories and two general science/multi-use classrooms at East Side High School in Paterson, NJ. Tasks include floor plan development, room finishes for ceilings, floors and walls, new lab benches, cabinets and associated furnishings, HVAC and electrical power structure infrastructure upgrades, interior lighting, fire alarm systems, IT cabling, security systems, new domestic water piping, sanitary drain piping and fuel gas piping. Services included engineering design, bidding and award, advertisement and construction administration phase services.

Duration:

April 2023 to present

Construction Cost:

TBD

Client:

Bergen County Special Services School District

Westampton Campus Additions and Renovations, Westampton, NJ

RVE is providing engineering services for additions and renovations of the existing welding and HVAC trade classrooms/shops (Addition – 3,800 SF/Renovation – 11,700 SF) at the Westampton Campus of the Burlington County Institute of Technology in Westampton, NJ. Mechanical, electrical, plumbing and fire protection improvements include the design and installation of HVAC systems, specialty exhaust systems for welding, fume exhaust, electrical power infrastructure, interior lighting, exterior and site lighting, fire alarm and security systems, IT/data backbone infrastructure, plumbing fixtures (toilets, lavatories, showers), water heaters, air compressor and compressed air distribution, domestic water piping, sanitary drain piping, roof storm drainage piping, fuel gas piping and NFPA-13 sprinkler systems. *Subconsultant to Netta Architects*

Duration:

February 2023 to present

Construction Cost:

TBD

Client:

Burlington County Institute of Technology

Existing Classroom Conversion to Cosmetology Classrooms at East Side High School, Paterson, NJ

RVE provided engineering services for the renovation of five science laboratories and two general science/multi-use classrooms at East Side High School in Paterson, NJ. Tasks include floor plan development, room finishes for ceilings, floors and walls, new lab benches, cabinets and associated furnishings, HVAC and electrical power structure infrastructure upgrades, interior lighting, fire alarm systems, IT cabling, security systems, new domestic water piping, sanitary drain piping and fuel gas piping. Services included engineering design, bidding and award, advertisement and construction administration phase services.

Duration:

June 2021 to February 2024

Client:

Paterson Public Schools

New Commercial Dishwasher for the Levitt School Commercial Kitchen, Willingboro, NJ

RVE provided engineering design services to provide a new commercial kitchen dishwashing system in the existing commercial kitchen at the Levitt School, which is the main supply kitchen that supports the warming kitchens in other remote schools. The new dishwasher is a replacement for the existing failing steam dishwasher. Tasks included on-site evaluation of the existing steam system and existing electrical infrastructure, provided the District with recommendations on dishwashing replacement options, prepared demolition drawings for the existing dishwasher, design calculations for electrical system modifications and prepared construction documents for public bid.

Completed:

May 2021 to July 2021

Client:

Willingboro Township Public Schools

West Side High School Home Economics Classroom Renovation, Newark, NJ

RVE is providing engineering services for the renovation of the home economics classroom at West Side High School in Newark, NJ. Tasks include the preparation of structural plans for building improvements, HVAC system upgrade, the installation of new exhaust hoods and make up air equipment, the demolition of existing water and sanitary piping, new kitchen sinks and associated water supply, domestic water heating equipment, new fuel gas piping, the demolition and replacement of the existing electrical system to serve cooking equipment, power receptacles, new interior lighting for classrooms, new fire alarm and security systems and IT/data infrastructure. *Subconsultant to Architects Alliance*

Duration:

April 2023 to present

Client:

Newark Public Schools

Auditorium Renovations at Pemberton High School, Pemberton, NJ

RVE provided engineering services for renovations to the auditorium at Pemberton High School in Pemberton, NJ. Improvements included the upgrade of all theatrical audio and visual equipment, the replacement of all seating as well as improving ADA accessibility, painting all new and existing handrails, the demolition of partial stairs and the demolition and replacement of all VCT flooring, carpeting and cove wall base within the auditorium and vestibule. Additionally, the project included upgrading the existing house lighting to LED lighting and the painting of all walls within the auditorium. Tasks included engineering design for improvements, the preparation of plans and specifications, bid and award phase and construction phase support.

Duration:

August 2022 to January 2024

Client:

Pemberton Township Schools

New Pre-K Classrooms at Baldwin Elementary School, Pennsauken, NJ

RVE provided engineering services for the design of two new Pre-K classrooms at the Baldwin Elementary School in Pennsauken, NJ. Tasks included a site visit to evaluate the building's existing systems and gathered field data to develop design documents for the classroom addition. All new HVAC equipment is high efficiency to comply with ASHRAE standards.

Duration:

February 2019 to December 2020

Client:

Pennsauken Public Schools

High School Science Lab Renovations, Sewell, NJ

RVE provided professional mechanical, electrical and plumbing engineering design services for the renovation of several science labs at the High School in Sewell NJ. Improvements included the design of new student and teacher lab stations, new utilities including acid waste piping, neutralization devices, emergency eyewash and safety shower stations, automatic gas valve control systems, fume hoods, and other systems associated with the complete renovation of the science lab classrooms. Design and construction were phased so all construction activities would occur during the summer months so as to not interfere with regularly scheduled school activities.

Duration:

November 2018 to March 2020

Client:

Washington Township Public Schools

High School Library/Media Center Renovations, West Deptford, NJ

RVE provided engineering and construction management services for the complete renovation of the High School Library into a new, state-of-the-art Media Center in West Deptford, NJ. The demolition of interior space included the removal of doors and frames, acoustic ceiling, lighting fixtures, power and data cabling, flooring, metal stud partitions and miscellaneous furniture, shelving and accessories. New finishes included the installation of new acoustic ceiling grid and tile, upgraded LED lighting fixtures with dimming capabilities, doors and hardware, flooring and base, and wall finishes. Recessed power and data outlets were installed in the floor and coordinated with furniture and table layouts. All furniture was equipped to support mobile technology devices, including large teaming tables with share screens for multiple users. The school color scheme was incorporate throughout the finishes, including multi-colors and patterned carpet tiles, wall finishes, furniture trims and fabric selections.

Duration:

May 2015 to September 2016

Construction Cost:

\$398,700

Client

West Deptford School District

High School Science Lab Renovations, West Deptford, NJ

RVE provided engineering services for renovations to the science labs at West Deptford High School in West Deptford, NJ. Renovations included alterations to the existing shop space and associated rooms into a new science laboratory, complete with associated storage and prep rooms and the renovation of six additional science laboratory spaced and associated rooms.

Duration:

May 2015 to September 2016

Construction Cost:

\$1.4 million

Client

West Deptford School District

High School Science Culinary Arts Laboratory, Pennsauken, NJ

RVE provided mechanical and electrical engineering services for the High School Culinary Arts laboratory in Pennsauken, NJ. The Pennsauken Public Schools Culinary Arts program is for students who are enthusiastic about food and enjoys preparing new flavors and food combinations. This program allows students to learn how to multi-task as they develop the skill, familiarity and expertise necessary for success in the culinary arts and hospitality industry. Tasks included the design and installation of a new HVAC system and hood venting for a commercial instructional kitchen application. The project also included the design of new electrical systems including lighting, power circuits and technology/data rough and a new plumbing and gas piping system for a commercial type instructional kitchen application.

Duration:

August 2017 to June 2018

Client

Pennsauken Public Schools

High School Dance Studio Renovations, Pleasantville, NJ

RVE provided engineering services for improvements to the dance studio at the High School in Pleasantville, NJ. Improvements included the removal of carpet, installation of dance hardwood flooring, removal of existing mirrors, installation of continuous mirrors down to the wall base on the two front walls, and accessible door transitions. Tasks included engineering design, preparation of bid documents, contract administration, and construction observation.

Duration:

June 2016 to May 2017

Client

Pleasantville Public Schools

Nail Salon and Culinary Arts Kitchen Exhaust and Make Up Air Systems, Cape May Court House, NJ

RVE provided engineering design services for the implementation of recommendations for improvements to the Culinary Arts Kitchen exhaust air and make-up air systems at the Cape May Technical School in Cape May Court House, NJ. Improvements included a new supply air plenums and heating-only make-up air units for all of the existing kitchen exhaust hoods, a new heating only make-up air unit for the culinary arts kitchen space, new exhaust fans for the kitchen exhaust hoods, new electrical power, ductwork, registers, controls, gas piping, etc. as required to support the installation of the new mechanical equipment.

Duration:

January 2013 to March 2015

Client

Cape May County Technical Schools

ADDITIONAL PROJECTS

PROJECT NAME	CLIENT	LOCATION
East Side HS Swing Space	Camden City Public Schools	Camden, NJ
HS/Phifer MS Theatrical House Lighting/Sound	Pennsauken Township School District	Pennsauken, NJ
HS Bakery Classroom Addition	Pennsauken Township School District	Pennsauken, NJ
CLT and District Office Relocation	West Deptford School District	West Deptford, NJ
Bunker MS Special Ed Classroom Renovation	Washington Township Public Schools	Sewell, NJ
Faculty Room Interior Renovations	Wildwood Crest Board of Education	Wildwood Crest, NJ

Civil/Site Engineering Improvement Projects

Various K-12 School Districts

Owner:

See individual clients below

Reference:

See client reference list



Administration Building ADA Ramp Improvements,
Norristown Area School District, Norristown, PA



Bankbridge Elementary and Regional High School Site Improvements,
Gloucester County Special Services School District, Sewell, NJ

RVE's staff prepares development plans for campuses and administrative buildings. We offer project services from planning, concept development through detailed design for K-12 clients for parking lot, athletic facility and site development projects. Our staff collaborates with clients to meet specific site development requirements. Below is an overview of RVE's civil/site experience:

Highland Regional High School Parking Lot Expansion, Gloucester Township, NJ

RVE provided engineering services for the upgrade and expansion of the parking lot at Highland Regional High School in Blackwood, NJ. Tasks included the excavation and reconstruction of the existing asphalt parking lot, grading of the southeast portion of the lot, the removal and replacement of concrete stairs with ADA compliant railing, the removal and replacement of 360 LF of six-inch ductile iron water main, the installation of ADA compliant curb ramps and concrete sidewalks, walkways, aprons and curbing, the reconstruction of stormwater inlets and the installation of bollards, traffic stripes and markings.

Duration:

March 2022 to March 2025

Client:

Black Horse Pike Regional
School District

Administration Building ADA Ramp Renovations, Norristown, PA

RVE provided engineering design services for the complete removal and replacement of the existing ADA ramp, foundations, courtyard, sidewalks, and landscaping at the School District administration building located in Norristown, PA. Improvements included the removal and replacement of the existing ADA ramp, foundation, retaining walls, sidewalks, courtyard slab, and landscaping. Tasks included disposing of the existing concrete ADA access ramp, installing new cast-in-place concrete retaining walls, installing new cast-in-place ADA ramp, installing thin brick veneer on ADA ramp walls, installing new cast-in-place concrete stairs, installing aluminum guardrails and handrails along the perimeter of new concrete retaining walls and stairs, installing a PVC drainage system around the perimeter of the courtyard slab, and installing 4" thick riverstone and mulch.

Duration:

March 2022 to August 2022

Client:

Norristown Area School
District

Fort Dix School Temporary Classroom Unit, Pemberton, NJ

RVE provided engineering services for a new, temporary classroom unit at Fort Dix Elementary School in Pemberton, NJ. Improvements included a new electrical service for a modular temporary classroom unit with bathrooms. Tasks included the installation of a

Duration:

January 2021 to February 2024

new electrical service with pad-mounted transformer, parking lot lighting, power feeds to trailers and heat tracing.

Client:
Pemberton Township Schools

Fort Dix School Parking Lot Expansion, Pemberton, NJ

RVE provided engineering services for the expansion of the school parking lot at Fort Dix Elementary School in Pemberton, NJ. Tasks included civil/site engineering, land surveying, permitting and construction phase services. Improvements included a new parking lot and entrance drive and associated stormwater upgrades as recommended in RVE's feasibility study. This project is funded under the Impact Aid Grant Program.

Duration:
March 2020 to March 2025

Client:
Pemberton Township Schools

Bankbridge Elementary and Regional High School Site Improvements, Sewell, NJ

RVE provided design engineering services for site improvements to Bankbridge Elementary School and Bankbridge Regional High School in Sewell, NJ. RVE completed a preliminary scope of services for both schools, which included asphalt cores, environmental research, existing plan research and interviews with the school resource officers and principals, to identify areas of improvement. Recommendations for improvement included milling approximately two inches of all existing asphalt at both school's parking lots and driveways and repaving, replacing settled/upheaved sidewalks, reconstructing all ADA ramps, replacing all inlet curb pieces with Type N castings, replacing faded or damaged parking lot signage, repainting yellow curbs where required in ADA modified areas, trimming trees blocking any parking and directional signs and removing the tree causing the sidewalk to upheave. RVE conducted field surveys of ADA access areas, sidewalks, driveways and parking lots and prepared base plans for each school. RVE also surveyed the stormwater structures in the parking lots to ensure conveyance for design and documentation for potential piping replacement/repairs.

Duration:
November 2019 to March 2021

Client:
Gloucester County Special Services School District

Parking Lot Improvements at the VECC, Ventnor, NJ

RVE provided civil/site services for improvements to various parking areas at the VECC in Ventnor, NJ. Improvements included the complete reconstruction of the main parking lot, installation of new drainage facilities, repaving the rear the parking lot, installation of new sidewalk, and resurfacing of all other asphalt areas. Traffic calming and circulation improvements were also implemented, including the construction of speed tables and reconfigured traffic striping.

Duration:
May 2017 to April 2020

Client:
Ventnor City Public Schools

Multi-Site Fence Improvements, Pleasantville, NJ

RVE provided engineering services for multi-site fence improvements at schools in Pleasantville, NJ. Improvements included the replacement and installation of various fencing, gates, and railings at the Decatur Avenue Early Childhood Center, South Main Street Elementary School, High School and Middle School at soccer fields, baseball fields, practice fields and softball fields. Tasks included engineering design, preparation of bid documents, contract administration, and construction observation.

Duration:
2019

Client:
Pleasantville Public Schools

Hancock Elementary School Land Development, Norristown, PA

RVE was retained by the Norristown Area School District to provide civil/site engineering design and land development services for Hancock Elementary School. Work consists of the preparation of design documents and securing all necessary approvals and permits. To improve accessibility, the District purchased the parcel located at 1518 Arch Street and wants to consolidate this parcel with Hancock Elementary School. The purpose was to provide an improved entrance and exit scenario for parents dropping off and picking up their children from the school. Design elements included site layout, grading, stormwater management, erosion controls, utility services, landscaping and site lighting.

Duration:
May 2016 to September 2016

Client:
Norristown Area School District

Eagle Drive and High School Parking Lot Improvements, Norristown, PA

RVE provided civil/site engineering design services for the generation of construction plans and specifications for improvements proposed to Eagle Drive fronting the High School in Norristown, PA. Improvements included the replacement of the existing curb with new 8" reveal concrete curb, consolidation of the school entrances and reconstruction of the driveway curb radii, construction of new concrete sidewalk on the school side of Eagle Drive, new ADA compliant curb ramps at each driveway crossing, replacement of the storm sewer inlet top units with new units and bicycle safe grates, reconstruction of the Eagle Drive pavement surface and each driveway entrance area, re-striping of the existing parking lots to maximize parking and circulation efficiency and new pavement markings on Eagle Drive.

Duration:

May 2014 to January 2017

Client:

Norristown Area School District

High School Site Improvements, Berkeley, NJ

RVE provided engineering services for site improvements to Central Regional High School in Berkeley Township, NJ. Improvements included the construction of two additional parking areas, new stone walkway with wooden steps going down from the soccer fields to the softball fields, new ADA concrete entrance ramp to the rear entrance to the cafeteria, walkway extending around the entire campus, as well as around the lower athletic fields with both pervious and conventional construction (approximately a mile and a half of new six-foot wide sidewalk), new wood guiderail along entrance road behind high school, as well as mill an overlay of parking areas and roads.

Duration:

March 2011 to December 2015

Client:

Central Regional School District

District Wide Facilities ADA Improvements, Phases I-III, Willingboro, NJ

RVE provided engineering services for ADA improvements to Country Club Administration Building and JC Stuart Elementary School in Willingboro, NJ. Improvements included the installation of ADA compliant curb ramps at JC Stuart Elementary School, installation of ADA compliant walkway to playground at JC Stuart Elementary School, removal and replacement of concrete sidewalk to eliminate tripping hazards at JC Stuart Elementary School, installation of ADA compliant exit at rear door at JC Stuart Elementary School and the slurry seal and re-striping of the parking lot with ADA parking stalls at Country Club Administration building.

Duration:

March 2012 to September 2015

Client:

Willingboro Township Public Schools

ADDITIONAL PROJECTS

PROJECT NAME	CLIENT	LOCATION
School Shelter Project	Avalon School District	Avalon, NJ
Triton HS Nurse's Suite Improvements	Black Horse Pike Regional School District	Camden County, NJ
Highland HS Parking Lot Improvements	Black Horse Pike Regional School District	Camden County, NJ
District-wide Parking Assessment	Brick Township School District	Brick, NJ
Brookwood ES Vehicle Flow Assessment	Bristol Township School District	Bristol, PA
Armstrong ES Pavement Resurfacing	Bristol Township School District	Bristol, PA
Truman HS Pavement Resurfacing	Bristol Township School District	Bristol, PA
Franklin MS Drainage Basin Assessment	Bristol Township School District	Bristol, PA
Early Development Childhood Center Playground	Camden City Public Schools	Camden, NJ
Design and Installation of Various Playgrounds	Camden City Public Schools	Camden, NJ
Camden HS Monument	Camden City Public Schools	Camden, NJ
Veteran's Family School Parking Lot Improvements	Camden City Public Schools	Camden, NJ
HS Site Improvements	Central Regional School District	Bayville, NJ
Slaybaugh ES Stacked Parking Lot	Egg Harbor Township Schools	Egg Harbor, NJ
Slaybaugh & Davenport ES Playground Drainage	Egg Harbor Township Schools	Egg Harbor, NJ
MS Drainage System Evaluation and Remediation	Egg Harbor Township Schools	Egg Harbor, NJ
Parking Lot Expansion and Pole Barn	Elsinboro School District	Salem, NJ
Canopy Improvements	Freehold Borough School District	Freehold, NJ
C.W. Lewis MS Brick Façade Repair	Gloucester Township Public Schools	Blackwood, NJ
Washington MS Parking Lot Expansion	Town of Harrison School District	Harrison, NJ

Lawnside ES Temporary Classroom Units	Lawnside School District	Lawnside, NJ
Linwood ES Nurses Station Door Replacement	Linwood Public Schools	Linwood, NJ
Mannington ES Parking Lot Improvements	Mannington Public Schools	Mannington, NJ
Paper Mill Field Stream Bank Stabilization	Millburn Township Public Schools	Millburn, NJ
Hancock ES Land Development	Norristown Area School District	Norristown, PA
Eagle Drive and HS Parking Lot Improvements	Norristown Area School District	Norristown, PA
Administrative Building ADA Improvements	Norristown Area School District	Norristown, PA
Paul Fly ES Wall Inspection	Norristown Area School District	Norristown, PA
Roosevelt Field Parking Study	Norristown Area School District	Norristown, PA
Fort MS Ceiling Replacement	Pemberton Township School District	Pemberton, NJ
Bus Garage Parking Lot Reconstruction	Pemberton Township School District	Pemberton, NJ
Fort Dix School Parking Lot Feasibility Study	Pemberton Township School District	Pemberton, NJ
Carson School Playground	Pennsauken Township School District	Pennsauken, NJ
Transportation Bus Center Improvements	Pennsauken Township School District	Pennsauken, NJ
HS Parking Lot Expansion	Pennsauken Township School District	Pennsauken, NJ
Washington Avenue Parking Lot	Pleasantville Public Schools	Pleasantville, NJ
Rear Parking Lot Survey and Base Mapping	Sterling Regional High School District	Somerdale, NJ
HESP Parking Lot Investigation	Sterling Regional High School District	Somerdale, NJ
Various Concrete Repairs	Sterling Regional High School District	Somerdale, NJ
Walkway Improvements	Sterling Regional High School District	Somerdale, NJ
Replacement of Trash Enclosure Slab	Ventnor City School District	Ventnor, NJ
Storage Building Construction	Ventnor City School District	Ventnor, NJ
Loading Dock Leak Exploration	Ventnor City School District	Ventnor, NJ
Grenloch Early EC Entrance Drive Renovations	Washington Township Public Schools	Sewell, NJ
Window Replacements at Five Schools	Washington Township Public Schools	Sewell, NJ
Hurffville ES Temporary Classroom Units	Washington Township Public Schools	Sewell, NJ
Parking Lot Renovations at Three Schools	Washington Township Public Schools	Sewell, NJ

Athletic Field/Facility Improvement Projects

Various K-12 School Districts

Owner:

See individual clients below

Reference:

See client reference list



High School Athletic Fields, River Valley School District, Saltsburg, PA



Wheaton Field Improvements, Millville Public Schools, Millville, NJ

Athletics are an integral part of educational facilities and RVE works closely with clients to provide cost-effective architecture, construction, engineering and design solutions. We know that managing the budget is becoming more challenging; and we provide options to lower operations and maintenance costs. Tasks generally include survey, preliminary and final design, bid and award and construction phase assistance. Below is an overview of our K-12 athletic facility project experience.

High School Athletic Fields, Saltsburg, PA

RVE provided civil/site, MEP, structural, environmental and survey for the design and construction of new athletic facilities at River Valley High School in Saltsburg, PA. The project involves various construction tasks such as sewer replacement, storm culvert relocations, pavement installations, erosion controls and site restoration. The new field house will also be used as classrooms for the enhanced Science, Technology, Engineering, the Arts and Mathematics (STEAM) Academy. The new facilities at the River Valley School District boast several impressive features. The field house and classrooms are designed to accommodate various needs, including a large group instruction room, a classroom, a trainers' room, home and away locker rooms, concessions and a restroom. These facilities provide a well-rounded environment for athletes and students alike. Adjacent to the field house are the athletic fields, which offer top-notch amenities. The football field boasts a lush turf surface, ensuring optimal performance and safety for the players. Additionally, the baseball and softball field also feature a turf surface, providing consistent playing conditions. A track surrounds the fields, allowing athletes to train and compete in various running events. Spectators can enjoy the action from the comfort of bleachers, while the lighting system ensures games can be played even after sunset. To accommodate announcers and media personnel, a press box is strategically placed to offer optimal visibility.

Duration:

March 2022 to present

Construction Cost:

\$14 million

Client:

River Valley School District

High School Football Field Improvements, Somerdale, NJ

RVE provided engineering services for athletic field improvements at Sterling Regional High School District in Somerdale, NJ. Improvements included a new turf field with drainage for a high school football field. Electrical design included flush boxes with convenience power receptacles and microphone wiring for school events.

Duration:

March 2022 to May 2022

Client:

Sterling High School District

Wheaton Field Improvements at Millville High School, Millville, NJ

RVE provided engineering services for improvements to Wheaton Field at Millville Memorial High School in the City of Millville, NJ. Improvements included the relocation of the home side stadium bleachers to accommodate an additional track lane, the installation of new LED sports lighting and site lighting, electrical upgrades, the reconstruction of the running track and D-Zone areas with long jump pits, triple jump pits and a pole vaulting area, the construction of a new synthetic turf field with underground drainage and a removable lacrosse safety netting system, a new LED scoreboard and play clocks, the design and construction of a new main stadium entrance and secondary entrance, the construction of three new ticket booth buildings, and various other site improvements including fencing/gates, concrete sidewalk walkways, drainage improvements, new parking lots, landscaping, and site restorations.

Duration:
May 2023 to September 2023

Construction Cost:
\$6.28 million

Client
Millville Public Schools

Tennis Court Investigation and Replacement, Pemberton, NJ

RVE provided engineering services for the removal of an existing 15-inch RCP storm line from underneath the existing tennis court at Pemberton High School in Pemberton, NJ. The storm sewer conveyance system was relocated outside of the tennis courts with a new 15-inch HDPE storm piping tied into the upstream and downstream manholes respectively. The project included the full depth reconstruction of five existing tennis courts with six inches of dense graded aggregate, hot mix asphalt 19M64 base course three-inch thick, hot mix asphalt 9.5M64 surface course two-inch-thick and overlaid with an acrylic finish course. The tennis courts will have new 12-foot-high vinyl clad chain link fence along perimeter of tennis courts and two new four-foot-wide swing gates, along with new netting systems for each court.

Duration:
December 2019 to March 2021

Client:
Pemberton Township Schools

Basketball Court Resurfacing/New Pickleball Courts, Collingswood, NJ

RVE provided engineering services for investigative studies, preliminary and final engineering of the planned reconstruction of the exterior basketball courts at the High School and Middle School complex in Collingswood, NJ. Services included the grant application support services which resulted in a grant award to be used for incorporating two new pickleball courts adjacent to the existing basketball courts. Due to the extensive and costly reconstruction required for the existing asphalt court surface, an alternative solution to restore and upgrade the courts utilizing a synthetic precast court tile system was selected to ensure that the courts can be rehabilitated within the grant funding deadline.

Duration:
April 2019 to August 2022

Client
Collingswood Public Schools

High School Stadium Improvements, Pennsauken, NJ

RVE provided engineering services for improvements to Wheaton Field at Millville Memorial High School in the City of Millville, NJ. Improvements included the relocation of the home side stadium bleachers to accommodate an additional track lane, the installation of new LED sports lighting and site lighting, electrical upgrades, the reconstruction of the running track and D-Zone areas with long jump pits, triple jump pits and a pole vaulting area, the construction of a new synthetic turf field with underground drainage and a removable lacrosse safety netting system, a new LED scoreboard and play clocks, the design and construction of a new main stadium entrance and secondary entrance, the construction of three new ticket booth buildings, and various other site improvements including fencing/gates, concrete sidewalk walkways, drainage improvements, new parking lots, landscaping, and site restorations.

Duration:
April 2018 to January 2019

Client
Pennsauken Public Schools

High School Athletic Field Improvements, Somerdale, NJ

RVE provided civil/site engineering services for improvements to the varsity baseball field at Sterling High School in Somerdale, NJ. Improvements included a Junior Varsity (JV) Baseball Field and multi-use athletic field to the southwest, as well as two softball fields and two multi-use athletic fields to the southeast, which had been recently improved. The project

Duration:
February 2018 to January 2019

focused on the area to the southwest of the property. The area required a balanced regrading to eliminate poor drainage by providing positive overland stormwater flow. The fields were reconfigured for maximum usage. Irrigation was extended from the prior work. The fields were stabilized using a combination of natural sod and grass seed. The quarry blend stone roadway was extended, and the perimeter fencing was replaced. Additionally, the project included the regrading of two previously improved multi-use fields to the southeast. The regrading eliminated a longitudinal slope that was too steep for competition play. Ancillary work included resetting of irrigation and installation of sod or grass seed. The regrading remained in balanced and preserved positive drainage.

Client:
Sterling High School District

High School Athletic Field Improvements, Voorhees, NJ

RVE provided engineering design services for the replacement of artificial turf surfaces on an existing soccer field and a baseball infield at Eastern Regional High School in Voorhees, NJ. Tasks included a topographic survey of the existing fields, development of construction documents for the replacement of the synthetic turf at both fields and construction phase support of the project. In addition to the synthetic turf replacement, RVE designed two safety netting systems to protect spectators attending activities at both fields. RVE assisted the school district in synthetic turf system selection and all work was completed through a co-operative purchase program, which saved the District time and money due to not having to publicly bid the project.

Duration:
February 2017 to November 2017

Construction Cost:
\$700,000

Client
Eastern Camden County
Regional School District

High School Tennis Court Improvements, Pleasantville, NJ

RVE provided engineering services for improvements to the tennis courts at the High School in Pleasantville, NJ. Improvements included the upgrade of five existing tennis courts including alternate methods of repair, resurfacing and re-striping, installing new nets, posts, and other accessories, fence fabric and fence post replacement, and site restoration. Tasks included engineering design, preparation of bid documents, contract administration, and construction observation

Duration:
June 2016 to May 2017

Client:
Pleasantville Public Schools

High School Field Turf Replacement, Sewell, NJ

RVE provided engineering services for the replacement of the existing synthetic turf at the Washington Township High School Stadium Field. Improvements included the removal and disposal of the existing synthetic turf and crumb rubber infill, replacement of the existing nailer board, removal and replacement of the existing football goal posts, removal and replacement of ball safety netting ground sleeves, installation of the new synthetic turf and crumb rubber infill. Tasks included providing conceptual designs and construction cost estimates for the replacement of the turf, along with recommendations for the rehabilitation of the existing safety netting system foundations and new football goal posts. The new field is utilized for football, soccer, field hockey and men's and women's lacrosse.

Duration:
February 2017 to May 2018

Construction Cost:
\$419,800

Client
Washington Township Public
Schools

High School Field Track and Field Improvements, Collingswood, NJ

RVE provided engineering services for investigative studies, preliminary and final engineering and construction inspection support services for the repair and resurfacing of the existing all-weather synthetic surfaced running track over the course of two decades. The areas that were repaired in 2003 consisted of base and top courses of hot mixed asphalt on a subbase of aggregate to provide minor widening and surface runoff corrections. The rehabilitation and surface restoration allowed the District to maintain their existing synthetic running track for nearly two decades. In 2019, the site was re-evaluated and a new round of running track repairs with upgraded synthetic resurfacing was specified to extend the life of the running track for many more years. Interior field corrections were designed to ensure the grading and drainage removed runoff efficiently from the new synthetic surfaced areas. The pole vault event surface was redesigned and reconstructed to provide improved slopes with synthetic surfacing and the existing long jump and triple jump events were also repaired and resurfaced with synthetic surfacing overlay of the existing asphalt.

Duration:

April 2019 to August 2023

Client

Collingswood Public Schools

ADDITIONAL PROJECTS		
PROJECT NAME	CLIENT	LOCATION
Camden HS Athletic Field Improvements	Camden City Public Schools	Camden, NJ
HS Basketball Court Renovations	Collingswood School District	Collingswood, NJ
HS Natatorium Column Evaluation/Replacement	Egg Harbor Township Schools	Egg Harbor, NJ
Park Avenue ES Locker Room Reconstruction	Folsom Borough School District	Folsom, NJ
Washington MS Pool Evaluation	Town of Harrison School District	Harrison, NJ
Washington MS Locker Room Conversion	Town of Harrison School District	Harrison, NJ
Delair ES Gym Floor Structural Infill	Pennsauken Township School District	Pennsauken, NJ
New Field House/Locker Room Updates	Pennsauken Township School District	Pennsauken, NJ
HS Baseball/Softball Field Improvements	Pennsauken Township School District	Pennsauken, NJ
HS HVAC/Plumbing Lab/Concession Stand	Pennsauken Township School District	Pennsauken, NJ
HS Gymnasium Flooring and Abatement Project	Pennsville School District	Pennsville, NJ
Maxon MS Field Improvements	Plainfield Public Schools	Plainfield, NJ
Hub Stein Sports Complex Improvements	Plainfield Public Schools	Plainfield, NJ
HS School Pool Area Remediation/HVAC Upgrades	Plainfield Public Schools	Plainfield, NJ
Van Blake Tennis Court Improvements	Plainfield Public Schools	Plainfield, NJ
HS and MS Tennis Court Upgrades	Pleasantville Public Schools	Pleasantville, NJ
New Field House	Pleasantville Public Schools	Pleasantville, NJ
HS Soccer Field Upgrades	Pleasantville Public Schools	Pleasantville, NJ
HS Field Layout	Sterling Regional High School District	Somerdale, NJ
New Synthetic Turf Football Field	Sterling Regional High School District	Somerdale, NJ
HS Athletic Field and Facility Improvements	West Deptford School District	West Deptford, NJ
Athletic Field Drainage Improvements	Wildwood Crest Board of Education	Wildwood Crest, NJ

**Address and Telephone Number of the Engineering Firm's Main
Office and any Branch providing services to CCM**

Section 5



**REMINGTON
& VERNICK
ENGINEERS**

Section 5

Address and Telephone Number of the Engineering Firm's Main Office and any Branch providing services to CCM

Main Office (RVE Headquarters)

Address: 2059 Springdale Road, Cherry Hill, NJ 08003

Phone: 856-795-9595

Servicing Office

Address: One Harmon Plaza, Suite 600, Secaucus, NJ 07094

Phone: 201-624-2137

Services for this contract will be provided primarily from RVE's Secaucus, NJ office location, with support from our headquarters in Cherry Hill, NJ. The full resources of the firm are readily available to support any project we manage, ensuring comprehensive expertise and seamless collaboration across all locations.

Statement of Assurance

Section 6

Section 6

Statement of Assurance

Neither RVE, nor any of its principals, are presently debarred, suspended or otherwise prohibited from practice by any Federal, State or local agency.

Current Active Projects

Section 7

Section 7

Current Active Projects

Our MEP, Structural and Civil/Site Engineering staff currently have over 40 active design projects, as well as other projects that are in the bid or construction phases. Currently our staff has 40% availability for new projects.

RVE has the staff to complete any size MEP, structural or civil project that the CCM may require. A listing of our current Facilities and Civil/Site engineering staffing is provided below.

Professional Staff Summary			
Facilities Engineering Staff		Civil/Site Engineering Staff	
12	Mechanical/Plumbing/Fire Protection Engineers	12	Civil/Site Engineers
4	Electrical Engineers	1	Landscape Architect
2	Certified Energy Auditors	10	Roadway/Traffic Engineers
7	LEED Accredited Professionals	4	Stormwater Utility Engineers
3	Structural Engineers	18	Land Surveyors/Field Crew
2	Geotechnical/Soils Engineers	6	Engineering Technicians
8	Engineering Technicians	8	CADD Designers
2	CADD Designers	10	GIS Analysts/Technicians/Specialists
2	Architects	1	Environmental Permitting Specialist

List of In-House Professional Services & List of Outside Consulting Services

Section 8



**REMINGTON
& VERNICK
ENGINEERS**

Section 8

List of In-House Professional Services & List of Outside Consulting Services

In-House Professional Services

RVE provides professional design, planning and construction services for infrastructure capital improvements including building additions/renovations, athletic facilities/stadiums, new construction and other civil/site projects. Our experience is applicable to urban and rural communities with an emphasis on understanding each community's individual goals and vision. Below is an overview of our educational service capabilities.

Facilities Engineering Support Services

RVE's in-house professionals are experienced in all types of major building and facility construction and renovation including offices, classrooms, laboratories, mechanical rooms, storage, and recreational facilities. Our professionals guide each client from the planning and programming stages of a project through design, bidding, construction and start-up. In addition to design for rehabilitation, replacement and new construction projects, RVE offers facility and site planning services. These include long-range facilities planning, feasibility studies and site/building assessments. RVE provides mechanical, electrical, plumbing/fire protection, structural and energy engineering services.

Mechanical Engineering

The design of school facilities requires a full range of skills and competencies. At any time, there can be multiple activities happening simultaneously; in the classroom, office, library, lab, music room, cafeteria, gymnasium, kitchen or other spaces that are part of the education process. RVE's engineers have experience of designing spaces for multiple functions while integrating systems to avoid conflicts or competing systems. RVE's engineers design smart, effective control systems for seamless control of environmental conditions and to facilitate troubleshooting.

- **Boiler and Chiller Replacement Services** - Boiler and chiller plants, either air- or water-cooled, are used in combination with several types of HVAC systems including unit ventilators, fan coils and air-handling units. Chilled water for cooling provides efficient operation, especially in larger facilities. A natural choice for new and larger school construction, chillers can be installed with an existing system, especially when a facility is adding air conditioning for the first time. Because chillers can consume large amounts of energy, they must be selected for their performance, balanced with first cost and serviceability.
- **Heating, Ventilation and Air Conditioning (HVAC)** - The specific use of the space and client requirements are integral to designing an efficient, suitable HVAC system. During an initial investigation, RVE will develop design criteria to define the requirements for temperature, humidity, odors, heat recovery and suitable fresh make-up air. Our goal is to design an energy efficient and comfortable environment for students and staff.
- **Geothermal Heating and Cooling Systems** - Energy efficiency and sustainability are among the greatest benefits of using a commercial geothermal system. Geothermal is particularly appealing, despite the increased initial investment, because of the long-term payoff and lower ongoing operating costs. Schools are suitable candidates to consider the long-term payoff since demand is predictable. RVE has successfully designed geothermal HVAC systems for multiple clients resulting in cost savings and highly efficient facilities.

Electrical Engineering

RVE's electrical engineers and designers apply their knowledge of electrical codes and fundamentals with their project experience to design and implement comprehensive solutions. RVE's professionals have the expertise to address electrical issues ranging from a short circuit/fault current analysis to an arc flash study, electrical gear upgrades to the design of electrical power and motor control systems.

- **Electrical Distribution Systems** - Electrical Distribution Systems are advancing in technology with medium to low voltage electrical systems. Our engineers prepare designs within the strict Federally regulated Department of Energy (DOE) energy saving guidelines. RVE specializes in new systems design and renovations of existing electrical distribution switchgear designs that are appropriately suited for each application and design. Exterior substations, walk-in electrical distribution houses, interior substations, transformer vaults, voltage filtering systems, switchboard/gear and panelboard designs are part of our portfolio.
- **Lighting Controls** - Lighting is integral to building design. RVE incorporates energy conservation, color rendition, concern for glare control and versatility into every lighting system design. Our knowledge of available products, coupled with our engineering creativity, results in highly functional, aesthetically pleasing designs that complement any project.
- **Security Systems** - The successful implementation of technological solutions requires a thoughtful approach that considers the needs of the end users. In an educational setting, a well-designed security system is crucial to creating a safe, nurturing learning environment. System integration will ease the processes of purchasing, installing and maintaining this critical investment that protects the school population. RVE understands the importance of having electronic and physical security systems in place and has assisted numerous clients in ensuring the safety of their facilities.
- **Electrical Generators** - Standby emergency generators provide reliable back-up power when commercial grid electrical power failures occur. Unlike battery back-up emergency lighting, generators provide long-term uninterrupted electrical power when properly designed and constructed. RVE successfully designs standby generator power sources to either meet the minimal need or power the entire facility, depending on client requirements. Standby generator power systems can be designed for specific purposes such as emergency egress lighting, security and fire alarm systems to the entire building, or, if needed, to support an emergency shelter application.
- **Solar Energy Systems** - Utility costs are significant and administrators are exploring the benefits of solar power to lower their energy costs. Educational facilities, especially large campuses spread out over a wide area, can be excellent candidates for solar conversion. Solar panels can offset monthly utility bills and present a teaching opportunity with real-world examples of the benefits of renewable energy. RVE has successfully completed solar energy conversion projects resulting in cost savings for our clients.

Plumbing/Fire Protection Engineering

Plumbing engineering design is a key component in our integrated, multidisciplinary engineering approach. We have extensive experience in planning and design of plumbing systems, encompassing all aspects from UGI Service and plumbing systems for educational facilities. RVE offers a professional, whole-building approach to plumbing engineering.

- **Interior Plumbing Design and Domestic Water Systems** - Water systems are vital to the health of educational facilities, their occupants and end users. RVE designs and supports hot water systems, instantaneous and tank, laboratory water, waste, and vent systems, compressed air, solar array water heating, fueling systems and purified water systems.
- **Fire Protection Systems** - RVE offers in-house fire protection engineering consulting and suppression system design. Our team's experience in the design and upgrade of fire protection and other life safety systems ensures they meet all current building codes, insurance, fire marshal and other standards. We have successfully designed fire alarm systems meeting all the requirements of NFPA 13, NFPA 14, NFPA 20 and the International Building Code. These designs include all fire alarm system types including hard wired, addressable and PC-based, multi-plexed systems.

RVE's experience encompasses the installation of wet and dry pipe sprinklers systems, extension of existing sprinkler system piping, hazard assessment and the design of chemical-based fire suppression systems.

- **Natural Gas Systems** - RVE can conduct an audit of all-natural gas infrastructure to ensure its functionality and safety. We can perform gas meter assessments and the complete inspection of the systems for leaks, corrosion, mismatching equipment and fitting, etc. RVE's design professionals will properly design and size the gas piping and pressure regulators to ensure adequate gas supply and pressure is distributed throughout the building.

Structural Engineering Services

RVE has provided cost-effective structural engineering services for more than a century. Our design expertise covers a wide range of structural design systems such as structural steel frames, concrete foundation design, roofing systems, structural timber design and retaining wall systems. We routinely perform subsurface (geotechnical) investigations to select the best structural system for proposed structures. Our services include the inspection and analysis of existing structures to determine their capacity and safety.

- **Foundation/Structural Analysis** - RVE meets structural challenges with economical solutions. We have solved difficult foundation problems with a variety of tools such as underpinning, sheet piling, deep compaction methods and piling. We use the latest analytical techniques and proven methods and materials. RVE's geotechnical staff has extensive experience developing subsurface investigations, evaluating subsurface conditions and determining the parameters required to design foundation systems, soil support structures, embankments, earth-fills, soil stabilization, etc. Our geotechnical staff provides detailed information on subsurface conditions, soil classifications and physical property analysis test results and recommendations for the project.
- **Building Design** - RVE is experienced in design and analysis of steel, concrete, masonry and timber building systems. Our staff has designed several additions and new construction facilities spanning from one to six stories. Design includes foundations, concrete slabs, column and building framing systems, roof framing systems and roofing systems. The structural staff works closely with the project architect to create a successful construction document package. RVE understands the importance of providing a solid structural design while remaining in regular communication with all parties to stay within budget and on schedule.
- **Roof Replacements** - RVE offers design services to assist in the replacement of roofing systems. These include an initial investigation which consists of an inspection of the existing roof and collecting roof cores to determine the composition of the existing roofing system and determine if there are any contaminated materials. RVE evaluates available roofing options and provides recommendations. We have used Single Ply Roofing Systems (EPDM, TPO and PVC), Multi Ply Roofing Systems (Cold Applied and Hot Applied Built Up), Shingled Roofing Systems (Asphalt, Cedar and Slate) and Metal Panel Roofing Systems (Standing Seam and Corrugated Deck).

Building Design Support Services

RVE serves as engineering subconsultant to Architects of Record and provides building design support services as Engineer of Record such as:

- **Facilities Planning/Building Programming** - RVE offers building design services ranging from providing space planning for layout and floor modifications and relocations to detailing planning and programming for a higher education campus. We have coordinated movement of spaces for clients as they reduce or grow and space, adjust office areas for improved security or modify educational spaces for changing curriculum.

- **Conceptual Design** - In most projects, the first step is conceptual design. We discuss constraints with our clients and develop multiple concepts to evaluate options and develop the most appropriate product for the client project's needs.
- **Long-Range Facilities Planning** - RVE can review each facility's ability to accommodate change, expansion, tenant movements, redevelopment and campus security. We design customized solutions that support fluid client operations and community engagement. We also assist with planning and execution of community surveys.
- **Facility Design** - Whether it is a new building, an addition, alterations or change of use of a space or renovations, our team has design expertise for projects of any size. We have produced simple facility designs for permits and layouts completed by staff during our longstanding relationship with multiple clients. Similarly, we have worked on projects including 200,000 SF of new construction.
- **ADA and Code Audits** - Our team includes code officials who efficiently review ADA and other code compliant concerns and ensure we provide the client with the most informed guidance possible.

Civil/Site Engineering Services

RVE's staff prepares development plans for campuses and administrative buildings. We regularly aid in developing publicly owned projects. We provide plan review services such as property acquisition, utilization studies, site planning and development cost studies. We offer project services from planning, concept development through detailed design for clients including architects, developers, governmental agencies, education and healthcare institutions. Our staff collaborates with clients to meet specific site development requirements. Services include:

- **Athletic Facility Design** - Athletics are an integral part of educational facilities and RVE works closely with clients to provide cost-effective architecture, construction, engineering and design solutions. We know that managing the budget is becoming more challenging; and we provide options to lower operations and maintenance costs.
- **Parking Lot/Facility Design** - Parking design at college campuses needs to consider use by staff, students and visitors during the day in addition to evenings and weekends. RVE can assist clients in addressing their parking needs and upgrading parking lots and facilities to ADA standards.
- **Roadway and Traffic Improvements** – Campuses experience higher volumes of vehicular and pedestrian traffic than other administrative facilities; therefore, safe roadways, traffic flow, signage and crosswalks are vital. RVE has the skills to facilitate the planning, development and implementation of projects and activities that will improve safety and reduce traffic, fuel consumption and air pollution in and around campuses.
- **Stormwater and Utilities Management** - RVE's stormwater trained and certified staff is prepared to assist with discharge permits, outfall determinations or any portion of compliance issues.
- **Land Surveying Services** - Educational institutions have specific surveying and building requirements and virtually every engineering project we support requires survey services. Our survey field crew has experience surveying interiors, exteriors, site and property improvements on educational campuses.
- **Landscape Architecture** - RVE sensitively integrates the built environment with the relevant ecological processes and connects people with their past and future through an inclusive design process that creates a unique identity for each client.

Environmental Site Remediation Services

RVE's environmental experts are prepared to manage all aspects of a project from investigation to remediation to closure. Services include:

- **Demolition Services** - RVE's in-house USEPA certified asbestos building inspectors/management planners and licensed lead inspectors/risk assessors perform numerous pre-demolition hazardous material investigations and abatement oversight services. Services include identifying potentially hazardous building materials, identifying proper abatement activities, developing abatement bid specifications, providing abatement oversight and issuing abatement clearances.
- **Soil Erosion (SE)/Sediment Control (SC) Plans** - RVE has extensive knowledge of generating SE/SC plans for construction and permitting should they be needed.
- **Underground Storage Tank (UST) Investigations** - RVE has extensive experience assisting our educational clients with removing and replacing USTs, the investigative and remedial steps that often follow UST closure and the associated regulatory reporting.
- **Groundwater Remediation** - RVE's professional staff have decades of experience in cost-effective groundwater remediation solutions.

Environmental Facility Remediation Services

Building occupants expect each facility they use to have good indoor environmental quality (IEQ). Poor IEQ is caused by a variety of harmful factors including mold, poor ventilation, chemicals, extreme temperatures, asbestos and other pollutants that negatively impact the health and achievement levels of all building occupants. RVE assists our educational clients in providing safe facilities for students and staff.

Our in-house professionals can provide:

- Asbestos Investigations/AHERA/ACM and Hazardous Materials Inventory Reports
- Asbestos, Lead-Based Paint and Mold Investigations
- Safe Drinking Water Testing and Abatement Plans
- Environmental Sampling and Laboratory Testing

Construction Management Services

For more than 20 years, RVE has partnered with clients to create quality learning environments. Our comprehensive knowledge of the education landscape ensures the facility to be built or renovated efficiently and with little disruption to the academic atmosphere. With our team managing the construction process, education administrations are assured a superior product will be delivered on time. RVE has a 100% success rate at opening facilities before the first day of school when we serve as Construction Manager/Owner's Representative.

RVE has successfully managed more than \$300 million in construction projects for educational clients. Our management philosophy has been developed based on the successful completion of thousands of diverse projects. Because the nature of renovation work is invasive to the facility, the staff of the facilities and the building occupants, safety and coordination with the Administration, the custodial and maintenance staff of the school are crucial in mitigating safety concerns and making communication among all parties is effective.

The RVE Team controls costs by challenging all change orders submitted by contractor(s). RVE reviews both credits and positive change orders and prepares independent cost estimates to validate a fair price for the identified scope of work. RVE establishes a change order log on the client's behalf to document all out of scope charges and credits due to the Owner. If there are allowances involved with a given project, an allowance log will also be created to fully account for all cost transactions associated with a given project.

Our multi-disciplined staff allows RVE to offer troubleshooting capabilities. Our cost estimating and alternative design skills, combined with our proactive approach to construction management and inspection, ensure the project is managed smoothly. RVE's detailed documentation and project record keeping capabilities greatly reduce the potential for disputes, claims or other issues.

Knowledge of NJ County College Contracts law

RVE has been working with public and quasi-public entities for over a century. RVE stays current with codes and regulations and that includes the carrying public form of contracts law. Specific to County Colleges 18A:64A-25.1, County College Contracts Law prevails and RVE is experienced with the requirements and will assist the college in bids and advisement for construction contracts. We work with the college's facilities and purchasing staff to ensure compliance and documentation on all projects. Should there be a specific front-end documentation required, RVE will supply technical specifications to support. However, we regularly review our front-end bid proposal documents for construction contracts to ensure compliance should the college wish to consider.

Outside Consulting Services

Architectural Services

RVE routinely partners with architectural firms for educational projects when architectural services are needed. Should circumstances arise that would require outside services, we maintain a database of qualified consultants, including MBE/SBE/DBE certified firms. A list of candidates will be provided for client approval prior to any services being rendered.

Proposal Letter to Manager of Purchasing

Section 9



ATTACHMENT 1

RESPONSE TO REQUEST FOR PROPOSAL: MEP, STRUCTURAL, OR CIVIL ENGINEER FOR COUNTY COLLEGE OF MORRIS #RFP2425-56DD

DATE: 5/28/2025

Director of Purchasing
County College of Morris
214 Center Grove Road
Randolph, NJ 07869

Sir/Madam:

Submitted herewith is the proposal of the undersigned to provide MEP, STRUCTURAL, OR CIVIL ENGINEERING SERVICES to the County College of Morris as described in the Request for Proposal dated May 12, 2025, and the General Proposal Requirements and Specifications pages 1 through 10. Transmitted herewith are the following enclosures:

1. Original three copies and a CD or Flash drive (USB Drive) of Proposal including Schedules A, B, and C.
2. N.J. Business Registration Certificate
3. Notarized Non-Collusion Affidavit
4. Notarized Statement of Ownership (Ownership Disclosure)
5. Notarized Employee/Relative Disclosure Form
5. EEO Response Sheet
6. Disclosure of Investment Activities in Iran
7. Certification of Non-Involvement in Prohibited Activities in Russia or Belarus Pursuant to P.L.2022, C.3
8. Engineering Firm Qualification References.
9. Suspension and Debarment Certification.

The Engineering Firm certifies that all of the figures, computations, and additions set forth in this proposal herein have been carefully checked and are accurate in all respects and no claim shall be made as a basis for withdrawal or cancellation of its proposal. This proposal shall remain in effect and will not be withdrawn for any reason for a period of sixty (60) days after receipt and official opening date.

By signing this proposal, the Engineering Firm acknowledges that it has read and agreed to be bound by Exhibit A, (Equal Employment Opportunities) with reference to N.J.S.A. 10:5-31 et seq., N.J.A.C. 17:27.

Dated this 28th day of May, 2025

Remington & Vernick Engineers

Name of Firm

Leonard A. Faiola, PE, PP, CME, President & CEO

Please Print Name and Title

One Harmon Plaza, Suite 600

Street Address of Firm



Signature of Authorized Officer

Secaucus, NJ 07094

State, Zip Code

(201-624-2137)

Telephone Number

(201-624-2136)

Fax Number

(Leonard.Faiola@rve.com)

Email Address

This form must be completed, signed, and returned with your proposal.

ATTACHMENT 2

Title: MEP, Structural, or Civil Engineer for County College of Morris
Request for Proposal #RFP2425-56DD

Insert original and three (3) copies of your proposal and a CD or Flash drive (USB Drive) which must include the following schedules:

Schedule A – Fee Proposal for Basic Services

Schedule B – Hourly Rates by Position for Additional Services

Schedule C – Vendor Contract Requirements and Exceptions

SCHEDULE A TO ATTACHMENT 2

Fee Proposal for Basic Services

Set forth and adequately explain your fee proposal for Basic Services. The Basic Fee proposal may be either a percentage of Construction Costs (as hereafter defined), a fixed dollar amount based upon the range of Construction Costs of projects assigned within the two year contract term, or both. The College invites the offer of discounted fee rates based upon the aggregate value of projects assigned within the two year contract term.

Payment Schedule

Set forth a payment schedule breaking down the percentage or amount of fees allocated to each phase of the work.

Reimbursable Expenses

Set forth a schedule of the categories and rates for reimbursable expenses.

Definition of Construction Costs

For purposes of computing the above fees, the following definition of Construction Cost shall be utilized:

The Construction Cost shall be the total actual cost of construction as reflected in the construction contracts entered into by the College, including the cost for procurement and installation of fixed furniture, fixtures and equipment. Construction Cost shall not include the following:

- a. The cost of labor and materials furnished by the College
- b. Compensation of MEP, Structural, or Civil Engineer and the Engineer's consultants
- c. Financing costs
- d. Legal and other professional fees
- e. Insurance and bonding costs
- f. Hazardous material abatement costs
- g. Construction management fees
- h. Costs of movable furniture, fixtures and equipment

The construction contingency shall only be included in the Construction Cost to the extent actually expended by the College. Where the fees payable to the Engineer are based upon the project construction cost, during the schematic design phase, design development phase, the Construction Cost shall be the preliminary estimate of the Construction Cost prepared by the Engineer and approved by the College. At the conclusion of the bidding phase, the parties shall adjust the fees of the Engineer based upon the actual contracted Construction Cost.

Section 9 Fee Structure

Fee Proposal for Basic Services

RVE cannot offer a fixed fee for the engineering design work at this time because the actual construction scope of work is currently unknown. Our proposed fees for this proposal will be based on a percentage of the construction cost estimate (CCE) as outlined below. The fee percentage includes site evaluations, preparation of bid documents, and providing construction administration services (review of shop drawings, RFIs, attend progress meetings, perform punchlist inspections, etc.).

Construction Cost	Estimated Fee*
Under \$500,000	8% of CCE
Between \$500,001 - \$2,500,000	8% of CCE
Between \$2,500,001 - \$7,500,000	7.5% of CCE
Between \$7,500,001 - \$12,500,000	7% of CCE
Between \$12,500,001 - \$25,000,000	6.5% of CCE
\$25,000,001 and above	6% of CCE

* Civil/Site projects or other specialty projects that include land surveying and permitting services may not fall into the range provided

Payment Schedule

The above fee will be divided into the following payment schedule:

Schematic Design: 20%

Design Development: 25%

Construction Documents: 35%

Bidding/Contract Award: 5%

Construction Administration: 15%

Reimbursable Expenses

Reimbursable out-of-pocket expenses shall include travel costs (mileage and tolls) and will be billed in accordance with IRS standards.

SCHEDULE B TO ATTACHMENT 2

Hourly Rates by Position for Additional Services

Attach a schedule(s) of hourly rates by position for additional services beyond the scope of the Basic Services. The schedule(s) shall be labeled as applicable to year one, year two, or both. If the schedule is not labeled, the College will accept the single hourly rate schedule as applicable to both years with no cost change for the second optional year.

All projects contracted for under this RFP will utilize the rates stated in this attachment.

2025 SCHEDULE OF BILLABLE HOURLY RATES

It has always been the firm's policy to encourage clients to contact our staff with questions or problems that need to be discussed. No fees are incurred each time the telephone is answered or a meeting is held on-site. Clients are free to discuss various projects without fear of incurring a consulting expense. Fees are all project-related, established at the initiation of the project or as the scope of the project can be defined. Prior to client authorization, a detailed proposal, including a scope of services, will be prepared for all Capital Projects. All proposals are subject to negotiation and approval.

***Upon the anniversary date of this Contract, should market conditions prevail which dictate an increase as determined by the College, the terms and conditions of the Contract regarding our billing rates may be modified by the Parties up to the increase in the cost of living during the previous twelve (12) months. Requests for price adjustments will be solely for the purpose of accommodating an increase in cost, not profits.**

ENGINEERING

Certified Floodplain Manager	\$210
Project Manager, LSRP	\$225
Project Manager/Engineer	\$220
Project Engineer	\$210
Engineer	\$190
Senior Engineering Technician	\$175
Engineering Technician	\$150
Technical Aide	\$90

PLANNING

Planning Manager	\$215
Project Planner	\$205
Senior Landscape Architect/Planner	\$200
Landscape Architect/Planner	\$175

Principal	\$230
Regional Engineer/Manager	\$225
Engineering Department Head	\$220
Administrative Manager	\$140

CONSTRUCTION MANAGEMENT & OBSERVATION

CM & Observation Department Head	\$200
----------------------------------	-------

Construction Management Personnel

Project Manager	\$190
Senior Construction Manager	\$175
Construction Manager	\$165
Asst Construction Manager	\$135

Observer Personnel

Observer Supervisor	\$185
Resident Observer NICET IV	\$185
Observer NICET II/III	\$170
Observer	\$165
Contract Administrator	\$160
NACE Certified Coating Inspector	\$195

SURVEY, CAD & GIS

Field Personnel

Surveyor	\$155
Party Chief	\$150
Transit/Rod Person	\$145
Robotic Crew	\$200

Office Personnel

Survey/CAD Department Head	\$205
Survey Manager	\$200
CAD/GIS Manager	\$200
Senior CAD/GIS Technician	\$170
CAD/GIS Technician	\$150

Engineer of Record Meeting Attendance - \$250 each

(This excludes land use board or commission meeting attendance and project specific meetings which fall under standard hourly rates)

Mileage Commensurate in accordance with IRS Regulations

SCHEDULE C TO ATTACHMENT 2

Vendor Contract Requirements and Exceptions

If the responding Engineering Firm requires specific contract terms or rider, or if the responding Engineering Firm takes exception to any of the contract terms set forth in this RFP, the proposed contract rider or exceptions must be set forth on or attached to this Schedule C.

RVE has no specific terms that we require, nor any exceptions to the contract forms set forth in this RFP.

RVE will work with the College to establish mutually satisfactory contract terms. We are willing to utilize a form of contract prepared by the legal counsel for the College.

RFP Required Documents

Section 10

ATTACHMENT 3

Title: Engineer for County College of Morris
Request for Proposal #RFP2425-56DD

Insert N.J. Business Registration Certificate



STATE OF NEW JERSEY BUSINESS REGISTRATION CERTIFICATE

Taxpayer Name: REMINGTON & VERNICK ENGINEERS II, INC.

Trade Name:

Address: 2059 SPRINGDALE ROAD
CHERRY HILL, NJ 08003

Certificate Number: 2076851

Effective Date: September 30, 2016

Date of Issuance: October 18, 2023

For Office Use Only:

20231018111224438



NEW JERSEY DIVISION OF CONSUMER AFFAIRS

Cari Fa
Acting Direct
Read E

License Information

Accurate as of September 26, 2024 8:47 AM

[Return to Search Results](#)

Name: REMINGTON & VERNICK ENGINEERS

Address: Haddonfield, NJ

Profession/License Type: Engineers & Land Surveyors, Certificate of Authorization

License No: 24GA28003300

License Status: Active

Status Change Reason: License Issuance

Issue Date: 7/26/2002

Expiration Date: 8/31/2026

SPL:

NO Board Actions. For more information contact the New Jersey State Board of Professional Engineers and Land Surveyors (973)504-6

Documents

No Public Documents

Division

[Division Home](#)
[Consumer Protection](#)
[Licensing Boards](#)
[File a Complaint](#)
[Adoptions & Rule](#)
[Proposals](#)
[Internship](#)
[Opportunities](#)

Department

[OAG Home](#)
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[FAQ OAG](#)
[OAG News](#)
[Services A to Z](#)
[Employment](#)

State

[NJ Home](#)
[Services A-Z](#)
[Departments/Agencies](#)
[FAQs](#)

Legal

[Legal Statement](#)
[Privacy Notice](#)
[Accessibility](#)
[Statement](#)

RSS

Sign up for New Jersey Division of Consumer Affairs RSS feeds: latest information. You can select any category that you are in and any time the website is updated you will receive a notification.
[More Information about RSS feeds.](#)

ATTACHMENT 4

NON-COLLUSION AFFIDAVIT

STATE OF NEW JERSEY

COUNTY OF Camden ss:

I, Leonard A. Faiola, PE, PP, CME of the City of Cherry Hill,
(Name of Authorized Officer)

in the County of Camden and the State of New Jersey, of full age,
being duly sworn according to law on my oath depose and say that:

I am President & CEO of Remington & Vernick Engineers,
(Title or Position) (Name of Firm)

the Engineering Firm making the proposal for **Request for Proposal #RFP2425-56DD** and that I executed the said proposal with full authority so to do; that said Engineering Firm has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free, competitive bidding in connection with the above proposal; and that all statements contained in said proposal and in this affidavit are true and correct, and made with full knowledge that the Board of Trustees of County College of Morris relies upon the truth of the statements contained in said proposal and in the statements contained in this affidavit in awarding the contract for the said project.

I further warrant that no person or selling agency has been employed or retained to solicit or secure the award of this contract upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee.

Remington & Vernick Engineers

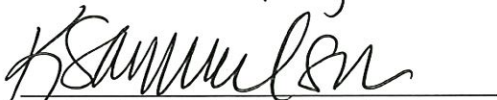
Name of Firm



Signature of Authorized Officer

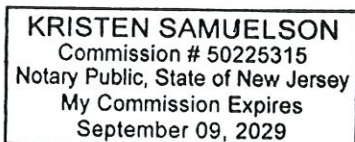
Subscribed and sworn to before me
this 28th day of May, 2025

Affix Notary Seal:


(Notary Public's Signature)

My commission expires: 9/9/2029

This form must be completed, signed, and returned with your proposal.



ATTACHMENT 5

STATEMENT OF OWNERSHIP DISCLOSURE

PURSUANT TO N.J.S.A. 52:25-24.2, ALL PARTIES ENTERING INTO A CONTRACT WITH COUNTY COLLEGE OF MORRIS ARE REQUIRED TO PROVIDE A STATEMENT OF OWNERSHIP.

Remington & Vernick Engineers

VENDOR NAME

YES NO
☐ ☒

1. Vendor is a **Non-Profit Entity**; and therefore, no disclosure is necessary.

☐ ☒

2. Vendor is a **Sole Proprietor**; and therefore, no other disclosure is necessary. A Sole Proprietor is a person who owns an unincorporated business by an individual. A single member LLC is not Sole Proprietor.

☒ ☐

3. Vendor is a **corporation, partnership, or LLC** with individuals, partners, members, stockholders, corporations, partnerships, or LLCs owning a 10% or greater interest; and therefore, disclosure is necessary.

*If you answered **YES** to Question 3, you must disclose the information requested in the space below:

(a) the names and addresses of all stockholders in the corporation who own 10% or more of its stock, of any class;

(b) all individual partners in the partnership who own a 10% or greater interest therein; or,

(c) all members in the limited liability company who own a 10% or greater interest therein. The disclosure(s) shall be continued until the names and addresses of every non-corporate stockholder, individual partner, and/or member who own a 10% or greater interest has been identified.

Attach additional sheets as necessary.

Entity Name (if applicable)	Individual Name and Title (if applicable)	Home / Business Address
N/A	Edward Vernick, PE, CME	2059 Springdale Road, Cherry Hill, NJ 08003
N/A	Craig F. Remington, PLS, PP	2059 Springdale Road, Cherry Hill, NJ 08003

PUBLICLY TRADED ENTITIES

In lieu of completing this form, a Vendor with any direct or indirect parent entity which is publicly traded, may submit the name and address of each publicly traded entity and the name and address of each person that holds a 10% or greater beneficial interest in the publicly traded entity as of the last annual filing with the federal Securities and Exchange Commission or the foreign equivalent, and, if there is any person that holds a 10% or greater beneficial interest, also shall submit links to the websites containing the last annual filing with the federal Securities and Exchange Commission or the foreign equivalent and the relevant page numbers of the filings that contain the information on each person that holds a 10% or greater beneficial interest. **Attach additional sheets as necessary.**

CERTIFICATION

I, being duly sworn upon my oath, hereby represent and state that the foregoing information and any attachments thereto to the best of my knowledge are true and complete. I acknowledge that the Board of Trustees of County College of Morris is relying on the information contained herein and thereby acknowledge that I am under a continuing obligation from the date of this certification through the completion of any contracts with the College to notify the College in writing of any changes to the answers and information contained herein. I acknowledge that I am aware that it is a criminal offense to make a false statement or misrepresentation in this certification, and if I do so, I recognize that I am subject to criminal prosecution under the law and that it will also constitute a material breach of my agreement(s) with County College of Morris and that the College at its option may declare any contract(s) resulting from this certification void and unenforceable.

Leonard A. Faiola, PE, PP, CME

AUTHORIZED AGENT - PRINT NAME



SIGNATURE

President & CEO

TITLE

5/28/2025

DATE

Remington & Vernick Engineers

VENDOR NAME

One Harmon Plaza, Suite 600, Secaucus, NJ 07094

VENDOR ADDRESS

4/3/23 (DPP REV 9.21.22)

ATTACHMENT 6

EMPLOYEE/RELATIVE DISCLOSURE FORM

This form is to be completed by all bidders seeking the award of any Contract. No bidder shall be awarded any Contract, nor shall any agreement be entered into for the performance of any work or the furnishing of any materials or supplies, the cost of which is to be paid with or out of any public funds by the County College of Morris, unless with delivery of the bid, the bidder has completed and submitted the statements below.

The undersigned affiant, being duly sworn, states under oath that the answers completed below are truthful.

1. State if bidder or any officer or employee of bidder is employed by the County College of Morris? Yes _____ No ☒
If so, please indicate name and position held at the County College of Morris:

2. State if any shareholder who owns ten percent or more of your stock (if a corporation) or partner who holds ten percent or more of an interest (if a partnership) is employed by the County College of Morris. Yes _____ No ☒
If so, please indicate name and position held at the County College of Morris:

3. State, if you, or any shareholder, who owns ten percent or more of your stock (if a corporation) or any partner who owns ten percent or more of an interest (if a partnership) has any immediate relative employed by the County College of Morris. Yes _____ No ☒
If so, please indicate their names and the nature of the relationship (e.g., spouse, sibling, parent, grandparent child, grandchild, in-law)

BY: Remington & Vernick Engineers

Name of Contractor

One Harmon Plaza, Suite 600

Secaucus

NJ

07094

Address

City

State

Zip

BIDDER/AFFIANT:

Signature

Leonard A. Faiola, PE, PP, CME, President & CEO
Print name and title below signature

One Harmon Plaza, Suite 600, Secaucus, NJ 07094
Address

Sworn and subscribed to me on
this 28th day

of May, 2025

Kristen Samuelson

Notary Public of New Jersey

KRISTEN SAMUELSON
Commission # 50225315
Notary Public, State of New Jersey
My Commission Expires
September 09, 2029

ATTACHMENT 7

EEO RESPONSE SHEET

If awarded a contract, the successful Vendor will be required to comply with the requirements of P.L. 1975, C.127, (N.J.A.C. 17:27). Within seven (7) days after receipt of the notification of intent to award the contract or receipt of the contract, whichever is sooner, Vendor shall present one of the following to the Purchasing Agent:

1. A photocopy of a valid letter from the U.S. Department of Labor that the contractor has an existing federally-approved or sanctioned Affirmative Action Plan (good for one year from the date of the letter).
2. A photocopy of a Certificate of Employee Information Report approval, issued in accordance with N.J.A.C. 17:27-4; or
3. If Vendor has neither of the above, CCM will provide the successful Vendor with an A.A.302 Employee Information Report Form which is to be completed in accordance with N.J.A.C. 17:27.

NO FIRM MAY BE ISSUED A CONTRACT UNLESS IT COMPLIES WITH THE AFFIRMATIVE ACTION REGULATIONS OF P.L. 1975, C.127.

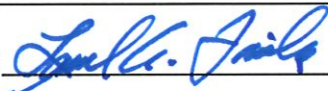
The following questions must be answered by all Vendors:

1. Do you have a federally-approved or sanctioned Affirmative Action Program?
Yes _____ No ✓ If yes, please submit a copy of such approval.
2. Do you have a Certificate of Employee Information Report Approval?
Yes ✓ No _____ If yes, please submit a copy of such certificate.

The undersigned contractor certifies that he is aware of the commitment to comply with the requirements of P.L. 1975, C.127 (N.J.S.A. 17:27) and agrees to furnish the required documentation pursuant to the law.

I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT AND AUTHORIZED BY THE FOLLOWING SIGNATURE FOR COMPLIANCE AS SPECIFIED IF AWARDED THIS CONTRACT.

FIRM NAME: Remington & Vernick Engineers

SIGNATURE:  Leonard A. Faiola, PE, PP, CME

TITLE: President & CEO

DATE: 5/28/2025

If awarded a contract, Vendor shall be required to comply with the requirements of N.J.S.A. 10:5-31 et seq. and N.J.A.C. 17:27 as set forth below.

(Revised April 2010)

EXHIBIT A

MANDATORY EQUAL EMPLOYMENT OPPORTUNITY LANGUAGE N.J.S.A. 10:5-31 et seq. (P.L.1975, C. 127) N.J.A.C. 17:27

GOODS, PROFESSIONAL SERVICE AND GENERAL SERVICE CONTRACTS

During the performance of this contract, the contractor agrees as follows:

The contractor or subcontractor, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Except with respect to affectional or sexual orientation and gender identity or expression, the contractor will ensure that equal employment opportunity is afforded to such applicants in recruitment and employment without regard to their age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Such equal employment opportunity shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Public Agency Compliance Officer setting forth provisions of this nondiscrimination clause.

The contractor or subcontractor, where applicable will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex.

The contractor or subcontractor will send to each labor union, with which it has a collective bargaining agreement, a notice, to be provided by the agency contracting officer, advising the labor union of the contractor's commitments under this chapter and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

The contractor or subcontractor where applicable, agrees to comply with any regulations promulgated by the Treasurer pursuant to **N.J.S.A. 10:5-31 et seq.**, as amended and supplemented from time to time and the Americans with Disabilities Act.

The contractor or subcontractor agrees to make good faith efforts to meet targeted county employment goals established in accordance with **N.J.A.C. 17:27-5.2**.

The contractor or subcontractor agrees to inform in writing its appropriate recruitment agencies including, but not limited to, employment agencies, placement bureaus, colleges, universities, and labor unions, that it does not discriminate on the basis of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or

sex, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices.

The contractor or subcontractor agrees to revise any of its testing procedures, if necessary, to assure that all personnel testing conforms to the principles of job-related testing, as established by the statutes and court decisions of the State of New Jersey and as established by applicable Federal law and applicable Federal court decisions.

In conforming with the targeted employment goals, the contractor or subcontractor agrees to review all procedures relating to transfer, upgrading, downgrading and layoff to ensure that all such actions are taken without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, consistent with the statutes and court decisions of the State of New Jersey, and applicable Federal law and applicable Federal court decisions.

The contractor shall submit to the public agency, after notification of award but prior to execution of a goods and services contract, one of the following three documents:

Letter of Federal Affirmative Action Plan Approval

Certificate of Employee Information Report

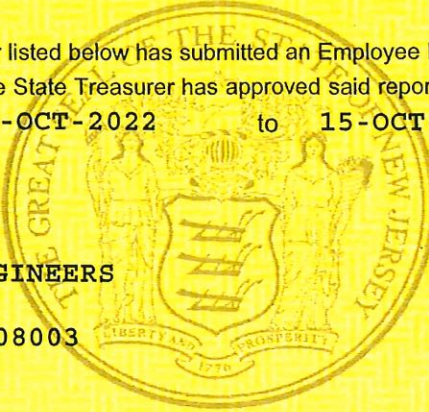
Employee Information Report Form AA302 (electronically provided by the Division and distributed to the public agency through the Division's website at www.state.nj.us/treasury/contract_compliance)

The contractor and its subcontractor shall furnish such reports or other documents to the Division of Public Contracts Equal Employment Opportunity Compliance as may be requested by the office from time to time in order to carry out the purposes of these regulations, and public agencies shall furnish such information as may be requested by the Division of Public Contract Equal Employment Opportunity Compliance for conducting a compliance investigation pursuant to Subchapter 10 of the Administrative Code at N.J.A.C.17:27.

CERTIFICATE OF EMPLOYEE INFORMATION REPORT
RENEWAL

This is to certify that the contractor listed below has submitted an Employee Information Report pursuant to N.J.A.C. 17:27-1.1 et. seq. and the State Treasurer has approved said report. This approval will remain in effect for the period of **15-OCT-2022** to **15-OCT-2025**

REMINGTON & VERNICK ENGINEERS
2029 SPRINGDALE RD
CHERRY HILL NJ 08003



Elizabeth Maher Muoio

ELIZABETH MAHER MUOIO
State Treasurer

ATTACHMENT 8
COUNTY COLLEGE OF MORRIS
DISCLOSURE OF INVESTMENT ACTIVITIES IN IRAN FORM

RFP SOLICITATION # AND TITLE: RFP2425-56DD - MEP, Structural, or Civil Engineer(s) for County College of Morris

VENDOR NAME: Remington & Vernick Engineers

Pursuant to N.J.S.A. 52:32-57, et seq. (P.L. 2012, c.25 and P.L. 2021, c.4) any person or entity that submits a bid or proposal or otherwise proposes to enter into or renew a contract must certify that neither the person nor entity, nor any of its parents, subsidiaries, or affiliates, is identified on the New Jersey Department of the Treasury's Chapter 25 List as a person or entity engaged in investment activities in Iran. The Chapter 25 list is found on the Division's website at <https://www.state.nj.us/treasury/purchase/pdf/Chapter25List.pdf>. Vendors/Bidders must review this list prior to completing the below certification. If the Department of Treasury finds a person or entity to be in violation of the law, s/he shall take action as may be appropriate and provided by law, rule or contract, including but not limited to, imposing sanctions, seeking compliance, recovering damages, declaring the party in default and seeking debarment or suspension of the party.

CHECK THE APPROPRIATE BOX



I certify, pursuant to N.J.S.A. 52:32-57, et seq. (P.L. 2012, c.25 and P.L. 2021, c.4), that neither the Vendor/Bidder listed above nor any of its parents, subsidiaries, or affiliates is listed on the New Jersey Department of the Treasury's Chapter 25 List of entities determined to be engaged in prohibited activities in Iran.

OR



I am unable to certify as above because the Vendor/Bidder and/or one or more of its parents, subsidiaries, or affiliates is listed on the New Jersey Department of the Treasury's Chapter 25 List. I will provide a detailed, accurate and precise description of the activities of the Vendor/Bidder, or one of its parents, subsidiaries or affiliates, has engaged in regarding investment activities in Iran by completing the information requested below.

Entity Engaged in Investment Activities
Relationship to Vendor/ Bidder
Description of Activities

Duration of Engagement
Anticipated Cessation Date

**Attach Additional Sheets If Necessary*

CERTIFICATION

I, the undersigned, certify that I am authorized to execute this certification on behalf of the Vendor, that the foregoing information and any attachments hereto, to the best of my knowledge are true and complete. I acknowledge that the State of New Jersey is relying on the information contained herein, and that the Vendor is under a continuing obligation from the date of this certification through the completion of any contract(s) with the State to notify the State in writing of any changes to the information contained herein; that I am aware that it is a criminal offense to make a false statement or misrepresentation in this certification. If I do so, I may be subject to criminal prosecution under the law, and it will constitute a material breach of my contract(s) with the State, permitting the State to declare any contract(s) resulting from this certification void and unenforceable.



Signature

5/28/2025

Date

Leonard A. Faiola, PE, PP, CME, President & CEO

Print Name and Title

ATTACHMENT 9
CERTIFICATION OF NON-INVOLVEMENT IN
PROHIBITED ACTIVITIES IN RUSSIA OR BELARUS

Pursuant to N.J.S.A. 52:32-60.1, et seq. and N.J.S.A. 40A:11-2.2 (L. 2022, c. 3) any person or entity (hereinafter "Vendor") that seeks to enter into or renew a contract with a local contracting unit subject to the Local Public Contracts Law for the provision of goods or services, or the purchase of bonds or other obligations, must complete the certification below indicating whether or not the Vendor is identified on the Office of Foreign Assets Control (OFAC) Specially Designated Nationals and Blocked Persons list, available here: <https://sanctionssearch.ofac.treas.gov/>. If the Department of the Treasury finds that a Vendor has made a certification in violation of the law, it shall take any action as may be appropriate and provided by law, rule or contract, including but not limited to, imposing sanctions, seeking compliance, recovering damages, declaring the party in default and seeking debarment or suspension of the party.

I, the undersigned, certify that I have read the definition of "Vendor" below, and have reviewed the Office of Foreign Assets Control (OFAC) Specially Designated Nationals and Blocked Persons list, and having done so certify

(Check the Appropriate Box)



- A. That the Vendor is not identified on the [OFAC Specially Designated Nationals and Blocked Persons list on account of activity related to Russia and/or Belarus](#).

OR



- B. That I am unable to certify as to "A" above, because the Vendor is identified on the [OFAC Specially Designated Nationals and Blocked Persons list on account of activity related to Russia and/or Belarus](#).

OR



- C. That I am unable to certify as to "A" above, because the Vendor is identified on the [OFAC Specially Designated Nationals and Blocked Persons list](#). However, the Vendor is engaged in activity related to Russia and/or Belarus consistent with federal law, regulation, license or exemption. A detailed description of how the Vendor's activity related to Russia and/or Belarus is consistent with federal law is set forth below.

(Attach Additional Sheets If Necessary.)



Signature of Vendor's Authorized Representative
Leonard A. Faiola, PE, PP, CME, President & CEO

Print Name and Title of Vendor's Authorized Representative
Remington & Vernick Engineers

Vendor's Name
One Harmon Plaza, Suite 600

Vendor's Address (Street Address)
Secaucus, NJ 07094

Vendor's Address (City/State/Zip Code)

5/28/2025

Date
81-3351834

Vendor's FEIN
201-624-2137

Vendor's Phone Number
201-624-2136

Vendor's Fax Number
Leonard.Faiola@rve.com

Vendor's Email Address

ⁱ Vendor means: (1) A natural person, corporation, company, limited partnership, limited liability partnership, limited liability company, business association, sole proprietorship, joint venture, partnership, society, trust, or any other nongovernmental entity, organization, or group; (2) Any governmental entity or instrumentality of a government, including a multilateral development institution, as defined in Section 1701(c)(3) of the International Financial Institutions Act, 22 U.S.C. 262r(c)(3); or (3) Any parent, successor, subunit, direct or indirect subsidiary, or any entity under common ownership or control with, any entity described in paragraph (1) or (2).

ATTACHMENT 10

**COUNTY COLLEGE OF MORRIS, RANDOLPH, NJ
BID B1920-57DD**

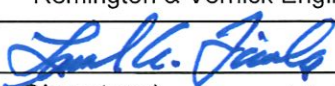
**RFP TITLE: Engineer for County College of Morris
LIST OF REFERENCES**

For purposes of verifying the experience and qualifications of the firm to perform the contract work, the firm certifies the accuracy of this list of **at least three** contracts completed by the firm **within the last two (2) years** which included the delivery/installation of units similar to the work proposed to be performed for the County College of Morris.

NAME OF ENGINEERING FIRM: Remington & Vernick Engineers

By: _____

(Print Name and Title below Signature)


Leonard A. Faiola, PE, PP, CME, President & CEO

1. Name and Address : Please see attached

Telephone No.: _____

2. Name and Address of Owner: _____

Telephone No.: _____

3. Name and Address of Owner: _____

Telephone No.: _____

Client Reference List

Higher Education

COUNTY AND COMMUNITY COLLEGES

CLIENT/AGENCY	REFERENCE/CONTACT DETAILS
Bucks County Community College 275 Swamp Road, Newtown, PA	Eric Andrews, Director of Buildings, Grounds & Custodial Services 215-968-8000; eric.andrews@bucks.edu
Community College of Philadelphia 1700 Spring Garden Street, Phila, PA	Timothy Trzaska, Director of Construction Management 267-262-3615
Durham Technical Community College 1637 E Lawson Street, Durham, NC	Marshall Fuller 919-943-0187, fullerm@durhamtech.edu
Essex County College 303 University Avenue, Newark, NJ	Jeff Shapiro, Director of Facilities management and Planning 973-877-3142
Hudson County Community College 70 Sip Avenue, Jersey City, NJ	Kenneth P. Mihalik, AIA, LEED-AP, Senior Project Manager, RSC Architects 201-917-2748
Middlesex College 2600 Woodbridge Avenue, Edison, NJ	Randy Larate, Director, Facilities Engineering, 732-906-7780; RLarate@middlesexcc.edu
Rowan College of Burlington County 900 College Circle, Mount Laurel, NJ	James Clang, Director of Facilities and Project Management 856-291-4228; jclang@rcbc.edu
Westmoreland County Community College 145 Pavillion Lane, Youngwood, PA	Matthew Sorisio, Director of Facilities Management and Construction 724-925-4093; sorisiom@westmoreland.edu

COLLEGES AND UNIVERSITIES

CLIENT/AGENCY	REFERENCE/CONTACT DETAILS
Kean University 1000 Morris Ave, Union, NJ	Steven Remotti, Vice President, Facilities & Campus Planning 908-737-5018; stremott@kean.edu
Drew University 36 Madison Avenue, Madison, NJ	Stephanie McCormick, Executive Director, Facilities Management 973-408-3007
Montclair State University 1 Normal Avenue, Montclair, NJ	Sharon Mahoney, Director, CM, Capital Planning & Project Management 973-655-7894; mahoneys@montclair.edu
Temple University 1801 N Broad St, Philadelphia, PA	David Wright, 267-846-6816 David.Wright0007@temple.edu
Rider University 2083 Lawrenceville Road, Lawrenceville, NJ	Walter Eddy, Executive Director, Planning & Construction 609-896-5000 x7780; weddy@rider.edu
Slippery Rock University 1 Morrow Way, Slippery Rock, PA	Scott Albert, Associate Vice President Facilities 724-738-4342; scott.albert@sru.edu
West Chester University 700 South High Street, West Chester, PA	Valerie Flounders, Project Manager, Facilities Design & Construction, 610-436-3466; VFlounders@wcupa.edu

ATTACHMENT 11

COUNTY COLLEGE OF MORRIS

SUSPENSION AND DEBARMENT CERTIFICATION

Vendor/Bidder/Contractor certifies that neither it nor its principals are debarred, suspended, proposed for debarment or declared ineligible by any Federal, or state agency.

Company Name Remington & Vernick Engineers

Address One Harmon Plaza, Suite 600

City Secaucus State NJ

Telephone 201-624-2137 Fax 201-624-2136

Email Address Leonard.Faiola@rve.com

Authorized Signature 

Printed Name Leonard A. Faiola, PE, PP, CME, President & CEO

Date 5/28/2025

This form must be returned with your bid/proposal

ACORD_{TM}

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

3/04/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer any rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Conner Strong & Buckelew PO Box 99106 Camden, NJ 08101 877 861-3220		CONTACT NAME: Bradley Crowe PHONE (A/C, No, Ext): 856-552-4764 E-MAIL ADDRESS: bcrowe@connerstrong.com FAX (A/C, No):															
INSURED Remington & Vernick Engineers II, Inc. 2059 Springdale Road Cherry Hill, NJ 08003		INSURER(S) AFFORDING COVERAGE <table border="1"> <tr> <th>INSURER</th> <th>NAIC #</th> </tr> <tr> <td>INSURER A : National Fire Insurance Co. of Hartford</td> <td>20478C</td> </tr> <tr> <td>INSURER B : Valley Forge Insurance Company</td> <td>20508</td> </tr> <tr> <td>INSURER C : The Continental Insurance Company</td> <td>35289</td> </tr> <tr> <td>INSURER D : Transportation Insurance Company</td> <td>20494</td> </tr> <tr> <td>INSURER E : Aspen American Insurance Company</td> <td>43460</td> </tr> <tr> <td>INSURER F : ACE American Insurance Company</td> <td>22667</td> </tr> </table>		INSURER	NAIC #	INSURER A : National Fire Insurance Co. of Hartford	20478C	INSURER B : Valley Forge Insurance Company	20508	INSURER C : The Continental Insurance Company	35289	INSURER D : Transportation Insurance Company	20494	INSURER E : Aspen American Insurance Company	43460	INSURER F : ACE American Insurance Company	22667
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INSURER D : Transportation Insurance Company	20494																
INSURER E : Aspen American Insurance Company	43460																
INSURER F : ACE American Insurance Company	22667																

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☒ PRO-JECT ☒ LOC OTHER:	X X	7018226700	03/01/2025	03/01/2026	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$100,000 MED EXP (Any one person) \$15,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 \$
B	AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS NON-OWNED AUTOS ONLY ☐ HIRED AUTOS ONLY	X X	7018226714	03/01/2025	03/01/2026	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
C	☒ UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB CLAIMS-MADE DED ☒ RETENTION \$10,000	X X	7018226731	03/01/2025	03/01/2026	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000 \$
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? ☒ N ☐ Y/N N/A If yes, describe under DESCRIPTION OF OPERATIONS below	X	WC 7018502051	03/01/2025	03/01/2026	☒ PER STATUTE ☐ OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
E	Architects & Engineers Prof Liability		LRAGN5A24	07/01/2024	07/01/2025	\$7,500,000 EACH CLAIM \$7,500,000 AGGREGATE \$350,000 RETENTION

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

D. Transportation Insurance Company

Policy Period: 3/1/2025 - 3/1/2026

NAIC #20494

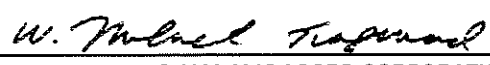
Policy # 7018499569

Stop GAP Liability Coverage: ND, OH, WA, WY on if any basis

(See Attached Descriptions)

CERTIFICATE HOLDER

CANCELLATION

Evidence of Insurance	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 

DESCRIPTIONS (Continued from Page 1)

A. Property Coverage

National Fire Insurance of Hartford

Policy #: 7018226700

Effective 3/1/2025 - 3/1/2026

Limits:

Real Property: \$10,689,407

Business Personal Property: \$1,687,293

Business Income: \$3,000,000

Valuable Papers: \$1,000,000

Deductible: \$1,000

A. Contractor's Equipment Coverage

National Fire Insurance Of Hartford

Policy Period: 3/1/2025 - 3/1/2026

Policy # 7018226700

Contractors Equipment Coverage:

1. Scheduled Values: \$880,950

2. Equipment Leased, Borrowed Or Rented From Others-Limit: \$50,000 / \$25,000 Maximum Limit Per Item

3. Deductible: \$1,000

F. Contractors' Pollution Liability Insurance

Policy Number: G27417206 010

Policy Period: 7/1/2024 - 7/1/2025

Limits: \$5,000,000 Per Pollution Condition Limit of Liability / \$5,000,000 Aggregate Limit of Liability for all Pollution Conditions

1. The Captioned Commercial General Liability Policy includes the following coverage:

a. XCU

b. Contractual Liability

c. Contractual Liability - Railroads is included by amending the definition of an "Insured Contract" when working within 50ft of a Railroad

2. The Captioned Workers Compensation & Employers Liability coverage includes the following coverage on an if any basis:

a. USL&H

4. A Waiver of Subrogation is provided in favor of the Additional Insureds under the captioned Commercial General Liability, Business Automobile Liability, Commercial Umbrella Liability, Workers Compensation & Employers Liability, and Contractors Pollution Liability Coverages if required by written contract & permitted by state law.

5. The captioned Commercial Umbrella Liability policy is following form of the Commercial General Liability, Automobile Liability, and Employers Liability Policies.

6. 30 Days Notice of Cancellation and Non-Renewal, 10 Days Notice in the event of Non-Payment of Premium, will be provided subject to the terms and conditions of the policy.

Request for Taxpayer Identification Number and Certification

► Go to www.irs.gov/FormW9 for instructions and the latest information.

Give Form to the
requester. Do not
send to the IRS.

Print or type.
See Specific Instructions on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. Remington & Vernick Engineers II, Inc.	
2 Business name/disregarded entity name, if different from above	
3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes. ☐ Individual/sole proprietor or single-member LLC ☐ C Corporation ☒ S Corporation ☐ Partnership ☐ Trust/estate ☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ► Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner. ☐ Other (see instructions) ►	
4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ (Applies to accounts maintained outside the U.S.)	
5 Address (number, street, and apt. or suite no.) See instructions. 2059 Springdale Road 6 City, state, and ZIP code Cherry Hill, NJ 08003	7 List account number(s) here (optional)
Requester's name and address (optional)	

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number								
			-				-	
or								
Employer identification number								
8	1		-	3	3	5	1	8 3 4

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here Signature of U.S. person ► 

Date ► **10/18/2023**

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
 - Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
 - Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
 - Form 1099-S (proceeds from real estate transactions)
 - Form 1099-K (merchant card and third party network transactions)
 - Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
 - Form 1099-C (canceled debt)
 - Form 1099-A (acquisition or abandonment of secured property)
- Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What Is backup withholding, later.

**County College of Morris
214 Center Grove Road
Randolph, NJ 07869**

RFP #: RFP2425-56DD

Title: MEP, Structural, or Civil Engineer(s) for County College of Morris

**Clarification #1
May 21, 2025**

1. How many firms is the College planning to select for this opportunity?

Unknown until all proposals have been evaluated. In the past two years CCM has awarded this service to five firms.

2. Can we submit for one or more disciplines, but not all of those specified? For example, our branch that is in close proximity to you, where I am based, provides MEP and structural engineering, but not civil engineering. Would we submit as prime for our disciplines alone, or would it be best to include a subconsultant on our team to provide that additional service?

Firms can submit for one or more disciplines, they do not need to submit for all disciplines specified. Please refer to RFP section 4. Evaluation Criteria – A. Professional/Personnel Qualifications – (viii) and section 13. Consultants, regarding consultants.