

**PROPOSAL
FOR
MEP, STRUCTURAL, OR CIVIL
ENGINEERING SERVICES
RFP2425-56DD**

**Submitted to:
The County College of Morris
Purchasing Department
214 Center Grove Road
Randolph, NJ 07869**

**Attention: Ms. Doreen DeMarco,
Director of Purchasing**

**LAN Ref. #2.200 - #25-368
May 30, 2025**

**LAN
ASSOCIATES**



Engineering,
Planning,
Architecture,
Surveying Inc.

May 30, 2025

ATTN: Ms. Doreen DeMarco, Director of Purchasing
County College of Morris
214 Center Grove Road
Randolph, NJ 07869

Request for Proposal for Engineer - #RFP2425-56DD
LAN Ref. #2.200Lp25-368

Dear Ms. DeMarco,

It's common knowledge that students spend the majority of their time on campus so it's imperative to keep what could be considered a young adult's home away from home and a pillar of any community as inviting and safe as possible. With 60 years of experience, LAN Associates is committed to providing trusted, reliable, and innovative design solutions that will benefit the County College of Morris's educational mission.

We understand that your College needs a partner who is not only technically capable but also highly responsive, deeply familiar with higher education facilities, and ready to support planned and emergency initiatives. LAN is structured to deliver exactly that level of service. LAN's values include being responsive and innovative. Our clients can expect timely communication, proactive problem solving, and expert support from our team from project planning through construction closeout.

LAN brings distinct advantages that will directly benefit your College:

- + **A Full-Service A/E Design Team:** While this solicitation is for engineering services we often find College's needing additional services. LAN's in-house team represents a diverse set of disciplines, and should the need arise for architectural or construction administration services, we have readily available team members.
- + **Extensive Experience with Colleges:** LAN is well versed in Higher Education facility design. We work with Colleges across New Jersey and have completed hundreds of projects in our history. Our work supports many needs, from emergency repairs and capital improvements to long-range facilities planning. We understand agency requirements, stakeholder expectations, and how to deliver in high-stakes educational environments. Our educational design work is grounded in functionality, safety, and a thorough understanding of how physical spaces influence student success.
- + **Local Presence, Immediate Support:** Based in Midland Park, NJ, we are just 50 minutes from your College. Our proximity allows us to attend meetings quickly, rapidly respond to site needs, and maintain a strong, consistent presence throughout our partnership. We currently serve several local educational clients, including Fairleigh Dickinson University, Essex Community College, and Montclair State University and are proud to be a part of our local community.

Our team of engineering professionals are excited for the opportunity to work with the County College of Morris and to support your College's future endeavors.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "T. Wighard", with a stylized flourish at the end.

Thomas Wighard, PE, AIA, LEED AP BD+C
President | Engineer & Architect

LAN Associates Engineering, Planning, Architecture, Surveying, Inc.

445 Godwin Ave Ste 9, Midland Park, NJ 07432 | t. 201-447-6400 | f. 201-447-1233 | www.lanassociates.com

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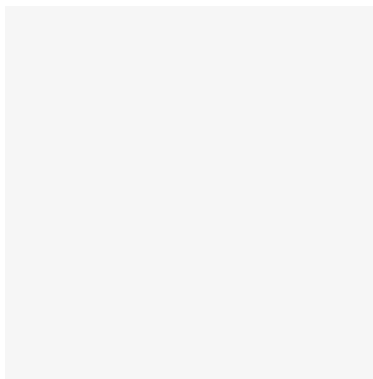
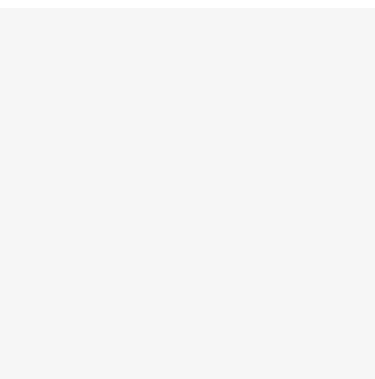
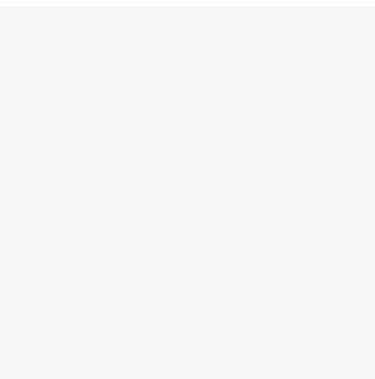
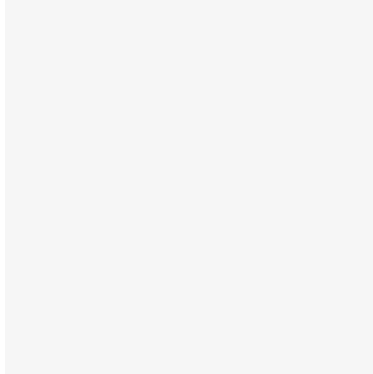
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TOP DESIGN FIRM

ENGINEERING
NEWS RECORD



TOP WORK PLACE

WORKPLACE
DYNAMICS



i EXECUTIVE SUMMARY

WHO WE ARE

ADVANCING COMMUNITIES THROUGH THE BUILT ENVIRONMENT

LAN is a full-service firm with extensive experience in both architecture and engineering for building and site development. Our multi-disciplinary experts offer a vast knowledge base under one roof. LAN's work embodies an integrated, streamlined approach where collaboration and communication are inherent through every stage of a project.

60
YEARS OF
EXPERIENCE



75%

OF CLIENTS
ARE REPEAT
CLIENTS



120

IN-HOUSE
PROFESSIONALS
TO SUPPORT
YOUR NEEDS

OUR SERVICES

BUILDING

- + Architecture
- + Interior Design
- + Mechanical Engineering
- + Electrical Engineering
- + Plumbing Engineering
- + Construction Administration

SITE

- + Civil Engineering
- + Land Use
- + Environmental Engineering
- + Regulatory Compliance
- + Land Surveying

PARTIAL CLIENT LISTING

- Bergen Community College
- Essex Community College
- Fairleigh Dickinson University
- Hudson County Community College
- Kean University
- Mercer Community College
- Middlesex Community College
- Montclair State University
- Ocean County College
- Ramapo College
- Rowan University
- Rutgers University
- The College of New Jersey
- William Paterson University



Essex Community College
Cafeteria Renovation



The College of New Jersey
Packer Hall

THOMAS WIGHARD,
PE, AIA, LEED AP BD+C
President, Project Executive



- Responsible for overall client partnership
- Assists with budget recommendation
- Coordinates with key stakeholders
- 23 years of experience

YOGESH SHAH, PE
Senior Associate, Project Manager



- Responsible for implementation of the engineering projects
- Directs design team for all necessary disciplines
- Ensure a project meets all code compliance requirements
- 35 years of experience

WHY LAN?



HIGHER EDUCATION EXPERTISE

Over LAN's 60 years of experience providing architectural and engineering services for higher education clients, we have developed a strong passion for projects that align with our mission to transform the built environment to better serve students. Whether developing concept plans and budgets for future planning, conducting existing building assessments, or providing construction documents for new facilities, LAN has a track record of successful collaboration with our clients.



FULL-SERVICE DIVERSIFIED TEAM

With an in-house team of architects, MEP engineers, site/civil engineers, environmental engineers, land use professionals, and land surveyors, our team is able to serve the County College of Morris in a variety of ways. Our full-service teams work with a unique efficiency that comes from decades of experience with in-house cross-discipline collaboration that reduces costs, accelerates development, and produces superior results.



PROJECT UNDERSTANDING

While the exact scope of work has not yet been identified, we understand that the County College of Morris is looking for a design firm to provide various engineering services over the term of this contract. Identifying a client's short and long-term capital and infrastructure improvement needs is a necessary first step when working with a new Engineer. Projects can vary from upgrading or replacing the building envelope elements to mechanical, plumbing and electrical systems. A specific approach and schedule will be developed for each individual project.



*Dominican College
Hennessy Hall*



*SUNY Purchase
Broadview Residence*



A higher education facility is a place of transformation where a student builds the foundation to become a professional. LAN understands the impact of this formative time in a person's life and designs educational environments that promote an interactive student experience that inspires and enables learners to meet their full potential.

LAN's unique approach to higher educational design is based on the following three components:



HOLISTIC DESIGN THAT IMPACTS CURRICULUM

By providing designs that prepares learners for real world work settings, LAN is at the forefront of creating 21st century learning environments. Our innovative architects embrace the latest technologies and educational modalities, enhancing curricula with classroom designs that reflect and support the subject matter taught within.

UNLEASHING CREATIVITY

Physical spaces can spark collaboration, personal inflection, innovation or even connectivity to nature. Through the combination of materials, forms, and natural light, a multi-sensory space can place students into the creative mindset.

DESIGN THINKING

To promote innovation, it is critical that curricula facilitate Design Thinking, encouraging students to define, build, test and rebuild in order to better comprehend ideas. Spaces like fabrication labs give students hands-on experience and insights beyond what a textbook can offer. Students can learn to identify an array of tools and skills crucial to future employment while making connections to theories found in their studies.

BLENDED LEARNING

Learning should be available at any place or time. Hybrid classes, MOOC, and virtual experiences are on the rise and require new classroom infrastructure. We must ensure that every space can foster interaction and interconnectivity, both on and off campus, allowing students to join sessions and visit knowledge bases through digital platforms that expand the reach of a traditional campus.



COMMUNITY & CONNECTIVITY

A college campus is much more than a collection of classrooms. Colleges and universities embody the live, work, play model. Student centers, common areas, and dorm rooms all play a vital role in shaping a connected community and reinforcing educational goals like student collaboration.

A COMMON VISION

Schools represent the various passions and aspirations of their students. These features should be incorporated throughout the design to promote pride and a sense of home. Through the prominence of school culture reflected in design and branding, a sense of community is created, and that community is the social heart of an educational institution and its ideals.

MULTI-DISCIPLINE CURRICULA

Work in the professional environment does not occur in a silo, and neither should education. Collaboration is key in both student interaction and course structure. In order to facilitate an effective curriculum, classrooms should be flexible, reconfigurable and push the boundaries of a traditional learning space. Through the inclusion of breakout rooms, transient learning areas and outdoor learning environments, schools can make almost any space a learning area while also encouraging collaboration.



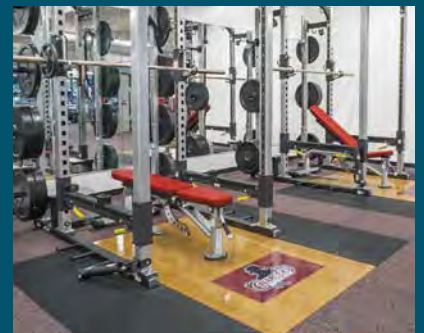
ENSURING SAFE & EFFECTIVE LEARNING ENVIRONMENTS

From properly functioning heating and air conditioning to ADA accessibility and proper roof maintenance, educational institutions must offer students safe, effective, and inclusive learning environments. With an in-house team of architects, MEP engineers, civil engineers, and environmental engineers, LAN routinely provides design services for these capital improvement projects.

SUSTAINABILITY

The importance of the environment and its influence on communities cannot be overstated. Schools that are designed with sustainable practices have been proven to provide a healthier, more comfortable environment, resulting in increased student performance, productivity, attendance, and quality of education.

By increasing overall building performance, systems also become more efficient, and construction costs are reduced. Sustainability is a responsibility we have to our students and their future.



Whether it is through flexible learning environments, implementing new technologies into the classroom, or completing capital improvement projects, architecture and engineering services play a crucial role in student success and happiness.





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**PRIMARY REP.
PROJECT TEAM**

PROJECT TEAM

The proposed team for this contract are all staff represented by LAN Associates from our headquarters Midland Park office. Our team members have been carefully selected for this project as their experience relates to the direct needs of County College of Morris. Team member titles reflect their billing rate on the hourly rate schedule. Key team member resumes are on the following pages.

PROJECT EXECUTIVE

Thomas Wighard, PE, AIA, LEED AP BD+C
23 Years of Experience
President | Engineer & Architect

Responsible for overall management of the project; consultant interaction and coordination; ensures the project is on schedule and budget; coordinates all team communication and technical aspects.



PROJECT MANAGER, MECHANICAL ENGINEERING

Yogesh A. Shah, PE, LEED AP
35 Years of Experience
Senior Associate | Mechanical Engineer



PROJECT MANAGER, ELECTRICAL ENGINEERING

Hugo Pinto, PE
28 Years of Experience
Senior Electrical Engineer



PROJECT MANAGER, CIVIL ENGINEERING

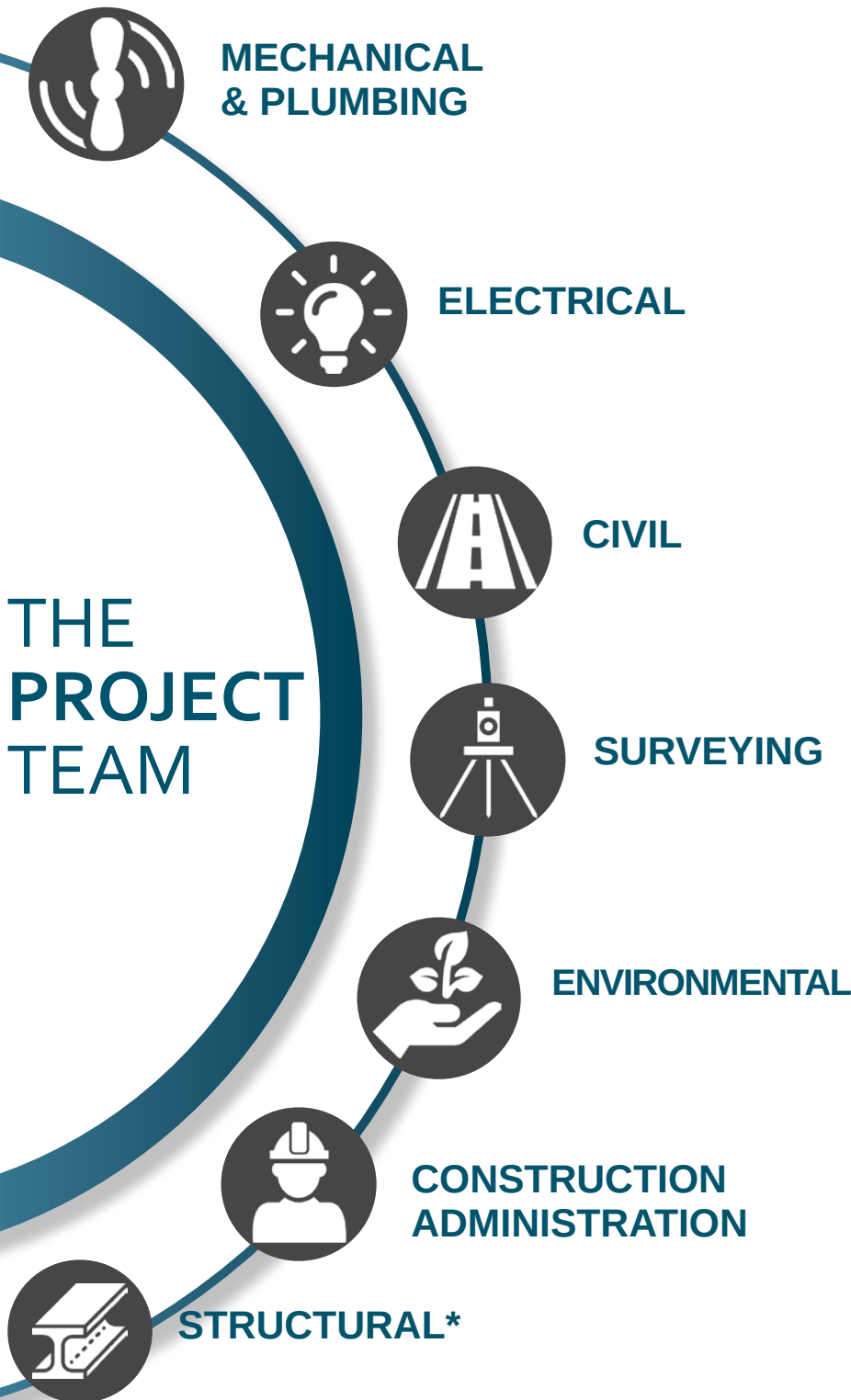
Justin Provencher, PE
9 Years of Experience
Senior Civil Engineer



KEY
PERSONNEL

Our full service team enables us to provide most services in-house. Should the need for additional services be required, we have relationships with a handful of consultants.

*Indicates a subconsultant.



TEAM LEADER

Yogesh Shah, *PE, LEED AP*
Senior Associate | Mechanical Engineer

Alex Li, *PE, LEED AP*
Associate | Mechanical/Plumbing Engineer
Issei Miyoshi, *PE, Mechanical Engineer*
Scott Stacy, *PE, Associate | Mechanical Engineer*
Lara Spinelli, *PE, Mechanical Engineer*

TEAM LEADER

Hugo Pinto, *PE, Senior Electrical Engineer*

Michael Poandl, *Job Captain*

TEAM LEADER

Justin Provencher, *PE, Senior Civil Engineer*

Elio Qorri, *PE, Senior Civil Engineer*
Hannah Talos, *PE, Land Use Engineer*
Karen Young, *PWS, Environmental Scientist*

TEAM LEADER

Matthew Webb, *PLS*
Vice President | Surveyor

James Manning, *Senior Technician*
Edmon Rodriguez, *Draftsperson*

TEAM LEADER

Elizabeth Bouvier, *PE, CIH, LEED AP*
Senior Associate | Environmental Eng.

Edmund Knyfd, *CPG, LSRP*
Senior Environmental Scientist

TEAM LEADER

David Peirera
MBA, Associate AIA, LEED AP BD+C
Assistant Vice President | Construction Administrator

WILKOWSKI ENGINEERING

Ed Wilkowski, *PE, Structural Engineer*



Engineering, Planning, Architecture, Surveying

LICENSES & CERTIFICATIONS

Professional Engineer
NJ # 24GE04901100 / NY # 090385-1
CT #34436 / PA # PE085994 / MA # 57800
DC # PE906876 / FL # 75275 / AK #20105 /
AL #PE53698 / CA #M42356

Registered Architect
NJ # 21A102276900

NCARB Certification: #875945



High Performance Building Design Professional
(HBDP)

AWARDS & ACHIEVEMENTS

NJBIZ, Leaders in Real Estate, Construction, and
Design, 2023

New Jersey Alliance for Action, Distinguished
Engineering Excellence, Pratt & Whitney, 2016

Learning by Design, Outstanding Project Award -
James Monroe Elementary School, 2017

ORGANIZATIONS/AFFILIATIONS

American Society of Heating, Refrigeration and Air
Conditioning Engineers (ASHRAE)

Institute of Electrical and Electronics Engineers (IEEE)

American Society of Plumbing Engineers (ASPE)

American Institute of Architects
AIA Member #40807306

National Council of Architectural Registration Boards

U.S. Green Building Council

ACEC/NJ, Buildings & Facilities Committee, Chair

Lead New Jersey, Class of 2019

PRESENTATIONS/PUBLICATIONS

Natural Connection: As Educational Facilities Seek
Upgrades, Architects Increasingly Tie Schools to
Outdoor Elements, ROI-NJ, 2023

Why School Ventilation Systems are Stifling Our
Students, NJSBA, 2017

Working Together to Reopen a Healthier Built
Environment Post COVID-19, in Partnership with NAI
Hanson, June 2020

EDUCATION

Wilkes University,
Wilkes-Barre, PA
Bachelor of Science, Mechanical Engineering, Minor
Physics
Engineering Management

United States Merchant Marine Academy,
Kings Point, NY
Systems Engineering

Thomas Wighard

PRESIDENT

PE, AIA

EXPERIENCE

As President of LAN Associates, Mr. Wighard is responsible for the overall management of corporate operations at LAN. He oversees more than 130 employees across LAN's five offices located in New Jersey, New York, and Pennsylvania. An engineer by trade, Mr. Wighard started at LAN Associates as an intern in 2001 before working his way up through the engineering department. He has over two decades of experience in the architecture, engineering, and construction industry and is involved with numerous heating, ventilation, and air conditioning (HVAC), electrical, plumbing, and fire protection projects for both new construction and renovations.

As head of the mechanical, electrical, and plumbing engineering department, his practice includes a broad scope of responsibilities including owner and client collaboration, management of design teams, review and preparation of construction documents, working drawings, and specifications, project management, construction administration, cost estimating, project scheduling, proposal writing, procurement of new business, and work assignments to ensure project completion and delivery in an efficient, timely manner.

PARTIAL CLIENT LISTING

Commercial:

- Galleria at Crystal Run, Middletown, NY
- Hudson Valley Mall, Kingston, NY
- Palisades Professional Center, Nyack, NY
- Rhinebeck Bank, Poughkeepsie, NY

Volunteer

- Habitat for Humanity of Greater Newburgh, NY

Ecclesiastical

- Church of St. Ann's, Hoboken, NJ
- Grace Community Church, Washingtonville, NY
- Grace Redeemer Church, Glen Rock, NJ
- Mission Church, Holmes, NY
- Most Blessed Sacrament Church, Franklin Lakes, NJ
- St. Aedan's Church, Jersey City, NJ

Education: K-12

- Dunellen BOE, NJ
- Edison BOE, NJ
- Fair Lawn BOE, NJ
- Fallsburg CSD, NY
- Haddonfield BOE, NJ
- Liberty CSD, NY
- Mamaroneck Union Free School District, NY
- Newark Public Schools, NJ
- Oakland BOE, NJ
- Park Ridge BOE, NJ
- Passaic BOE, NJ
- Plainfield BOE, NJ
- Pompton Lakes BOE, NJ
- Port Jarvis SD, NY
- Ramapo Indian Hills Regional HS District, NJ
- River Vale BOE, NJ
- Rockaway BOE, NJ
- Rye Neck UFSD, NY
- Sullivan BOCES, NY
- Willingboro BOE, NJ
- Woodbridge BOE, NJ

Education: Higher Ed

- College of St. Elizabeth, NJ
- Essex County College, NJ
- Fairleigh Dickinson University, NJ
- Montclair State University
- Rowan University, NJ
- SUNY Purchase, NY
- SUNY Orange, NY
- William Paterson University, NJ
- Warren Community College, NJ

Hospitality

- Appalachian Inn, Vernon Township, NJ
- Mt. Fuji Rest., Hasbrouck Heights, NJ
- NY Marriott Hotel Eastside, NYC
- Washington Court Hotel, D.C.

Housing: Multi-Family

- Bergen County Housing Authority, NJ
- Edison Housing Authority, NJ
- Guttenberg Housing Authority, NJ
- Housing Authority of the County of Morris, NJ
- Morristown Housing Authority, NJ
- Newark Housing Authority, NJ
- Paterson Housing Authority, NJ
- Perth Amboy Housing Authority, NJ

Industrial

- Advanced Coating Technologies, Middletown, NY
- Chromalloy Middletown & Orangeburg, NY
- Pratt & Whitney, Middletown, NY

Medical

- Hunterdon Developmental Center, Clinton, NJ
- Integrated Medical Professionals, Palisades Professional Center, NJ

Senior Living

- Christian Health Care Center, Wyckoff, NJ
- SUNY Broadview, Purchase, NY
- Veterans Home, Paramus, NJ
- VA Hudson Valley Health Care System

Municipal

- Bergen County Department of Parks, NJ
- NJDMAVA
- NJDPMC
- NJSEA
- Orange County, NY
- Passaic County, NJ
- Stamford, CT
- Sussex County, NJ
- Township of Wayne, NJ

Food Service

- Mrs. Green's Commissary Kitchen, NY
- Occupations Inc., Edible Oil Packaging Facility, Middletown, NY



Engineering, Planning, Architecture, Surveying

LICENSES & CERTIFICATIONS

Professional Engineer
NJ #24GE04426400
NY #078178

LEED® Accredited Professional

ORGANIZATIONS/AFFILIATIONS

American Society of Heating, Refrigeration &
Air Conditioning Engineers, Inc.

NJ ASHRAE

- Former research Promotion Chair

EDUCATION

Tel Aviv Int'l School of Management,
Master in Business Administration,
International Management

Boston University,
Boston, Massachusetts
Master of Science, Mechanical Engineering

Bombay University
Bombay, India
Bachelor of Science, Mechanical Engineering

Yogesh A. Shah

SENIOR ASSOCIATE | ENGINEER
PE, LEED® AP

EXPERIENCE

Mr. Yogesh Shah is an experienced engineer serving as Senior Associate at LAN Associates. Mr. Shah is involved with numerous heating, ventilation, and air conditioning projects, both new and renovation/upgrades for various facilities including public agencies, educational, healthcare, industrial/commercial, and housing authorities.

Mr. Shah's responsibilities include preparing schematic plans, design development, construction documents, and specifications. Mr. Shah's responsibilities also include the development of cost estimates, recommendation of award of contracts, conducting pre-construction meetings, project meetings, review of shop drawing submittals, field observations, and construction management.

His approach is based on life-cycle cost analysis, enhanced energy savings, and efficiency of selected systems.

PARTIAL CLIENT LISTING

Housing: Multi-Family

- Edison Housing Authority
- Freehold Housing Authority
- Guttenberg Housing Authority
- Harrison Housing Authority
- Linden Housing Authority
- Newark Housing Authority
- Paterson Housing Authority
- Perth Amboy Housing Authority
- Poughkeepsie Housing Authority
- Secaucus Housing Authority
- Yonkers Housing Authority
- Cliffside Park Housing Authority

Federal/State/Local

- Blesham School, Paramus, NJ
- Camden State Office Building, NJ
- County of Passaic Jail, Paterson, NJ
- Lyndhurst Recreation Center, NJ
- New Brunswick City Hall, NJ
- New York City Hall, NY
- NJ DMAVA HSCOE Building, Trenton, NJ
- NJ DOT MOB, Trenton, NJ
- NJ HMFA Building, Trenton, NJ
- NJ Taxation Building, Trenton, NJ
- NJHMFA, Trenton, NJ
- Paramus Veteran's Home, NJ
- Rutherford City Hall, NJ
- Stamford Police Department, CT
- Wawayanda State Park, NJ
- Wayne Fire Department & First Aid Squad, NJ
- Woodbine Developmental Center, NJ

Senior Living

- Christian Health, Wyckoff, NJ
- Parkside Manor, Newark, NJ

Ecclesiastical

- Trinity Church, Asbury Park, NJ
- St. Peter's Church, Hoboken, NJ

Education: K-12

- Cresskill BOE
- Elizabeth BOE
- Fair Lawn BOE
- Fairfield Township BOE
- Florham Park BOE
- Mamaroneck UFSD
- Manalapan-Englishtown Regional School District
- North Haledon BOE
- Northern Highlands Regional High School District
- Norwalk BOE
- Passaic BOE
- Ramsey BOE
- Ridgewood BOE
- Wanaque BOE
- West Milford BOE

Education: Higher Ed

- City University of New York, New York, NY
- Columbia University, New York, NY
- Glassboro, NJ
- Montclair State University, Montclair, NJ
- New York University, New York, NY
- Rowan University,
- State University of New York, Buffalo, NY
- Wayne, NJ
- William Paterson University,

Housing: Multi-Family

- 200 Winston Towers, Cliffside Park, NJ
- Horizon House, Fort Lee, NJ
- Salvation Army Retired Officers Housing, Asbury Park, NJ
- The Colony, Fort Lee, NJ

Hospitality

- Four Seasons Hotel, Washington DC
- Madison Hotel, Madison, NJ

Engineering, Planning, Architecture, Surveying

LICENSES & CERTIFICATIONS

Professional Engineer
NJ #24GE04326100
NY #076937

EDUCATION

B.S. Electrical Engineering, National University
of Engineering, PERU 1984

M.S. Electrical Engineering, New Jersey
Institute of Technology, NJ 1992

Hugo Pinto

SENIOR ELECTRICAL ENGINEER
PE

EXPERIENCE

Mr. Pinto is a professional engineer with over twenty years of electrical engineering experience. He has a wide array of specialized experience including data centers, computer room industries, mission critical, healthcare, commercial, and school facilities. He has extensive experience designing low voltage to medium voltage power systems, emergency generation systems, UPS systems, and grounding and control systems. Mr. Pinto's experience also includes on-site support to the electrical commissioning team.

Mr. Pinto has performed Short Circuit, Coordination, and Arc Flash studies for electrical equipment using EasyPower and SKM including report with recommendations.

PARTIAL CLIENT LISTING

Data Centers

- 210 N. Tucker Blvd., Digital Realty Trust; St. Louis, MO*
- Auxilium Pharmaceutical, Data Center; Malvern, PA*
- BCI Data Center; Santiago, Chile*
- Cyber Continuity Center; Parsippany, NJ*
- FLVA Data Center; Franklin Lakes, NJ*
- Itau Bank; Sao Paulo, Brazil*
- Modular Data Center, US DoS; Maryland*
- Poder Ejecutivo Data Center; Queretaro, Mexico*
- Rio de Janeiro State Government Data Center; RJ, Brazil*
- Samba Bank, Data Center; Riyadh, Saudi Arabia*
- SSA Vault, Data Center; Denver, CO*
- Tiffany Data Center; Parsippany, NJ*
- United Water Data Center; Paramus, NJ*

Healthcare

- Health diagnostics; Old Bridge, NJ*
- Ocean Medical Imaging Center; Toms River, NJ*
- Primer Radiology Suresh Mody; Edison, NJ*

Industrial

- ASCO Power Lab; Florham Park, NJ*

Corporate

- Wurth International Trading

Mission Critical

- Computer Room, AT&T Facility; Middletown, NJ*
- One World Trade Center; NYC, NY*
- SCIF, AT&T; Maryland*

Education: K-12

- Bronx Leadership Academy*
- Cliffside Park BOE
- Mahwah BOE
- Newark BOE
- North Haledon BOE
- Rochelle Park BOE
- Rockaway BOE
- Ulster County BOCES

Education: Higher Ed

- Essex County Community College

Commercial

- Branch Offices, Bank of America; NY*
- Branch Offices, Chase Bank, NY*
- Community First Bank; Somerset, NJ*
- Livingston Public Library; Livingston, NJ*
- PTS New Bldg; Oakland, NJ*

Municipal

- Borough of Franklin Lakes
- NJDMAVA
- NJDPMC

**Client experience prior to employment at LAN Associates*



Engineering, Planning, Architecture, Surveying

LICENSES & CERTIFICATIONS

Professional Engineer
Nj #24GE05659300

OSHA 10 Hour Construction Program Certified

EDUCATION

Rutgers, The State University of New Jersey
New Brunswick, NJ
Bachelor of Science in Civil Engineering

Wheaton College
Wheaton, IL
Bachelor of Science in Liberal Arts Engineering

Justin Provencher

SENIOR CIVIL ENGINEER
PE

EXPERIENCE

Mr. Provencher has worked with LAN since 2014. He works within the civil engineering department, where he is responsible for site layout design, stormwater management design, septic system design, natural/artificial athletic field design, project site visits, construction administration, and client meetings for all varieties of public and private civil engineering projects.

Mr. Provencher has experience with various educational, municipal, residential, healthcare, parks & recreation, athletic, and commercial projects.

PARTIAL CLIENT LISTING

Education: K-12

- Eastern Christian Schools
- Edison BOE
- Fair Lawn BOE
- Goshen Central School District
- Hawthorne Christian Academy
- Irvington Union Free School District
- Mamaroneck Union Free School District
- Monroe-Woodbury Central School District
- Moriah School of Englewood
- Mount Pleasant Central School District
- Newark Public Schools
- Nyack Public Schools
- Oakland BOE
- Paramus BOE
- Park Ridge BOE
- Paterson Public Schools
- Yonkers Public School District

Education: Higher Ed

- Fairleigh Dickinson University

Housing: Multi-Family

- Morristown Housing Authority
- Cliffside Park Housing Authority
- Morris County Housing Authority
- Hoboken Housing Authority

Senior Living

- Christian Healthcare Center, Wyckoff, NJ
- Van Dyk Heath Care, Hawthorne, NJ
- Van Dyk Manor, Ridgewood, NJ
- Wayne Senior Housing Development Corp

Hospitality

- Straight & Narrow Treatment Center, Paterson NJ

Ecclesiastical

- Most Blessed Sacrament Church
- Emergence Church, Totowa, NJ
- Grace Church, Ridgewood, NJ
- Grace Redeemer Church, Glen Rock, NJ
- Cornerstone Christian Church, Wyckoff, NJ
- Catholic Cemeteries – Archdiocese of Newark

Commercial

- Chromalloy, NY
- Fantis Realty LLC, NY
- Yannuzzi Group, Inc
- Briarwood Lane, NJ
- Premio Foods Inc, NJ

Federal/State/Local

- New Jersey Department of Treasury Division of Property Management & Construction
- New Jersey Department of Environmental Protection Natural & Historic Resources Office of Resource Development
- New Jersey School Development Authority

**Client experience prior to employment at LAN Associates*



**Engineering,
Planning,
Architecture,
Surveying**

LICENSES & CERTIFICATIONS

Licensed Professional Engineer
NJ #24GE04808800
NY #087899-1
CT #PEN.0027442

Certified Industrial Hygienist
#9813 CP

OSHA 40-Hour Health and Safety Training for
Hazardous Operations

Vegetation Identification for Wetlands
Delineation, Rutgers University

Methodology for Delineating Wetlands, Rutgers
University

Hydric Soils, Rutgers University

NJDEP Environmental Air Compliance Auditor
for Small Businesses

ORGANIZATIONS/AFFILIATIONS

American Industrial Hygiene Association

EDUCATION

Steven Institute of Technology,
Hoboken, NJ
Bachelor and Master of Engineering
Environmental Engineering

Tulane University
New Orleans, LA
Graduate Certificate in Industrial Hygiene

Elizabeth M. Bouvier

SENIOR ASSOCIATE
PE, CIH, LEED® AP

EXPERIENCE

Ms. Elizabeth Bouvier is an experienced Environmental Engineer and Industrial Hygienist for LAN's Environmental, Health, & Safety Compliance Division. As a Senior Associate, Ms. Bouvier's responsibilities include environmental permitting and reporting, industrial hygiene, and regulatory compliance.

Ms. Bouvier has extensive experience in preparing air permit applications, air emission calculations, emission statements, and annual combustion adjustment reports for clients ranging from commercial bakeries to asphalt plants and quarries. Additionally, Ms. Bouvier prepares Spill Prevention, Control, and Countermeasure (SPCC) Plans for facilities with aboveground oil storage, and stormwater no exposure certification forms.

She also prepares plans and specifications for aboveground and underground storage tank installations and removals and has prepared plans and specifications for demolition projects. Ms. Bouvier's experience also includes performing environmental feasibility studies, which have included environmental site assessments, utility investigations, and environmental impact statements pursuant to Executive Order 215.

Her experience also includes developing and implementing industrial hygiene sampling and monitoring plans for volatile organic compounds (VOC's), metals, mold, formaldehyde, noise, carbon monoxide and total and respirable dust. Ms. Bouvier has prepared numerous written safety and environmental programs that are required by the Occupational Safety and Health Administration (OSHA) and the Environmental Protection Agency (EPA). Additionally, Ms. Bouvier has provided training on a variety of environmental, health, and safety topics including hazard communication, chemical hygiene, personal protective equipment, emergency response, and hazardous waste.

Further, Ms. Bouvier performs site inspections and environmental assessments for both private and public clients and has prepared Phase I Environmental Site Assessment reports. Ms. Bouvier also performs Indoor Environmental Health Assessments (IEHA's) for childcare and educational facilities for submission to the New Jersey Department of Health (NJDOH).

PARTIAL CLIENT LISTING:

- Alvogen
- Braen Stone
- Chromalloy
- Clearwater Paper
- Columbia Bank, Sun National Bank & Atlantic Stewardship Bank
- Municipalities, Attorneys, Schools & Private Clients
- Nice-Pak Products, Inc.
- NJ Division of Property Management and Construction
- NJ Schools Development Authority
- Over 150 Private Child Care Facilities
- Pratt & Whitney
- Siemens HealthCare Diagnostics
- State of New Jersey Division of Parks & Forestry
- Tilcon New York, Inc.
- Trap Rock Industries
- Unilever
- Weldon Materials Inc.



**Engineering,
Planning,
Architecture,
Surveying**

LICENSES & CERTIFICATIONS

LEED® Accredited Professional
License #10050904

ORGANIZATIONS/AFFILIATIONS

American Institute of Architects (AIA)

LANGUAGES

Fluent in English, Portuguese, Spanish

EDUCATION

Norwich University
Northfield, VT
MBA, 2024

Norwich University
Northfield, VT
Masters of Architecture, 2005.

Norwich University
Northfield, VT
Bachelor of Science in Architectural Studies,
2004.

David Pereira

ASSISTANT VICE PRESIDENT
MBA, ASSOCIATE AIA, LEED AP BD+C

EXPERIENCE

As Assistant Vice President of the corporation, Mr. Pereira provides services for our clients throughout the construction phase of the projects designed by our office. During the construction phase, David chairs preconstruction and project meetings (between owners, contractors, architects, engineers, government, and local authorities), and performs site visits regularly to ensure that any renovation, addition, or new construction is conformance to the construction documents and specifications. He supervises projects that lead the architectural and engineering department through monitoring the construction progress.

David facilitates project communication, maintains project records, reviews and certifies payment applications, prepares change orders, reviews material test reports, and records changes to the contract documents.

In addition to his responsibilities as Construction Administrator, he is in charge of overseeing and maintaining client relationships throughout the entire construction phase.

David has extensive experience with various educational, municipal, housing, and commercial developments.

PARTIAL CLIENT LISTING

Education: K-12

- Cleveland Street Elementary School
- Edison Board of Education
- Plainfield Board of Education
- Florham Park Board of Education
- Branchburg Board of Education
- Woodbridge Township Board of Education
- West New York Board of Education*

Education: Higher Ed

- Bank Street College of Education*
- Rutgers University*
- Ramapo College*

Housing: Multi-Family

- Morris County Housing Authority
- Morristown Housing Authority

Housing: Single-Family

- Myrtle Avenue Condominiums, NY*
- Dr. Tan Residence, New York*
- Chestnut Street Tower, Philadelphia*

Municipal

- Schmul Park, Staten Island*
- Englewood Firehouse*
- Weehawken Recreational Pier*
- Monmouth County Sewerage Department: Lake Como Pump Station*
- Middlesex County Sewerage* Department: South Pump Station*
- New Jersey Department of Military and Veterans Affairs*

**Client experience prior to employment at LAN Associates*



Wilkowski Engineering, P.C.

Consulting Structural Engineers

2651 Strang Boulevard, Suite 102
Yorktown Heights, New York 10598
www.wilkowskiengineering.com
845-623-9100

PROFESSIONAL RESUME FOR EDWARD P. WILKOWSKI, P.E., S.E.

EDUCATION

1999 B.S. Civil Engineering
Clarkson University
Potsdam, New York

PROFESSIONAL EXPERIENCE

2006-present Wilkowski Engineering, P.C., Yorktown Heights, NY
President
Responsible for the structural design of new buildings and renovations. Projects include single-family residences, multi-family housing, commercial buildings and schools. Specific duties include computer analysis, structural calculations, preparing contract documents, site investigation, shop drawing review, and project management.

1999-2006 Robert Silman Associates, P.C., New York, NY
Senior Engineer
Performed structural design of new buildings and renovations constructed with varying materials including wood, steel, masonry, and concrete. Projects ranged from large institutional buildings including universities and hospitals to smaller structures including mid-rise buildings, retail stores, schools, and single-family dwellings. Specific responsibilities included computer analysis, structural calculations, contract document preparation, and shop drawing review.

PROFESSIONAL REGISTRATION

Licensed in the States of New York, New Jersey, Connecticut, Pennsylvania, Massachusetts, Illinois, Florida, North Carolina, New Hampshire, Maine, Arkansas, and Maryland

National Council of Examiners for Engineering and Surveying – Model Law Structural Engineer

PROFESSIONAL MEMBERSHIPS

Structural Engineers Association of New York





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LIST OF SIMILAR SIZED INSTITUTIONS

CLIENT LISTING

As a firm with over 60 years of experience in the educational landscape, our core competency is in the public and private school market. LAN has worked with many Colleges and Universities providing similar architectural and engineering services. A partial listing of these higher education clients is listed below. In addition to higher education, our educational portfolio includes hundreds of public school districts throughout New York and New Jersey.



Bergen Community College



Dominican College



Essex Community College



Fairleigh Dickinson University



Hudson County Community College



Kean University



Mercer Community College



Mercy University



Middlesex Community College



Montclair State University



Ocean County College



Ramapo College



Rowan University



Rutgers



Saint Elizabeth University



St. Peter's University



SUNY Orange



SUNY Ulster



SUNY Purchase College



The College of New Jersey



Warren Community College



West Point Military Academy



William Paterson University

SIMILAR SIZED INSTITUTIONS

MONTCLAIR STATE UNIVERSITY



Mr. Henry Ornovitz, Senior Project Manager
1 Normal Avenue
Montclair, NJ 07043
P: 973.655.7972
Dates: 1996-2023
Scope of Services: Architecture, MEP Engineering, Civil Engineering, Environmental Engineering, Surveying

ROWAN UNIVERSITY



Mr. Tony Kula, Project Manager
Shpeen Hall, 3rd Floor, 40 North Academy Street
Glassboro, NJ 08028
P: 856.256.4948
Dates: 2023-Present
Scope of Services: MEP Engineering

FAIRLEIGH DICKINSON UNIVERSITY



Mr. Richard Frick, VP for Facilities
1000 River Road, H-CF2-01
Teaneck, NJ 07666
P: 201.692.2788
Dates: 2010-2022
Scope of Services: Architecture, MEP Engineering

ESSEX COUNTY COLLEGE



Mr. Mohamed Seddiki, Executive Dean
303 University Avenue
Newark, NJ 07102
P: 973.877.3509
Dates: 2021-Present
Scope of Services: Architecture, MEP Engineering

THE COLLEGE OF NEW JERSEY



Mr. William Rudeau, Director of Design and Construction
PO Box 7718, 2000 Pennington Road
Ewing, NJ 08628
P: 609.637.5150
Dates: 2023-2024
Scope of Services: Architecture





V ABOUT US

FIRM PROFILE

LAN Associates Engineering, Planning, Architecture, Surveying, Inc. (LAN) is a full-service architectural and engineering firm working primarily in NJ, NY, PA, and CT. With a staff of over 120 skilled and experienced professionals, we provide our clients with sustainable, practical, and inspirational solutions. Our core philosophy is dedicated to three principles: expertise in design, dedication to our clients, and innovation that serves our clients' needs and transcends future generations.



HISTORY

LAN was founded in 1965 as a three-person engineering and planning firm by John A. Lacz. Since then, LAN has expanded its services and office locations multiple times to become the full-service design firm it is today. LAN has five offices, its Headquarter Corporate Office in Midland Park, NJ, and additional locations in Goshen, NY, Voorhees, NJ, Vernon, NJ, and Bethlehem, PA. LAN is an employee-owned private corporation. Our seasoned management team has 200 years of collective experience responsible for over \$250M worth of construction annually for a variety of public and private clients.

A FULL-SERVICE DESIGN TEAM

LAN's extensive project experience comes with the benefit of partnering with a firm that offers full-service architecture and engineering capabilities for both building and site development. Should the need for any of these services arise outside of the original project scope, LAN can quickly mobilize, seamlessly integrating these professionals into our design team. Combined, we offer the shared knowledge base of multi-disciplinary experts under one roof who embody an integrated, streamlined approach where collaboration and communication are inherent through every stage of a project. LAN's professional services by discipline are listed below.

Building:

- Architecture
- Interior Design
- Mechanical Engineering
- Electrical Engineering
- Plumbing Engineering
- Construction Administration

Site:

- Civil Engineering
- Land Use
- Environmental Engineering
- Environmental Health & Safety
- Regulatory Compliance
- Land Surveying

12
in-house disciplines



120+
employees



60
years of experience



75%
repeat clients



OFFICE LOCATIONS

445 Godwin Ave. Ste. 9, Midland Park, NJ 07432
T. 201.447.6400
(lead office for this project)

Goshen, NY 10924
Voorhees, NJ 08043
Vernon, NJ 07462
Bethlehem, PA 18017



ABILITY TO PROVIDE SERVICES IN A TIMELY MANNER

Our team routinely holds project status meetings and weekly workload meetings to maintain deadlines and ensure all project needs are properly met. These meetings enable LAN to manage projected workload and more importantly it assures proper staffing of projects to maintain schedules and deliverables. These “due diligence” efforts lead to the quality of our product, being the caliber of our drawings and designs.

While LAN is continually pursuing new work, our current and projected workload and backlog is actively managed by experienced departmental leaders, and the knowledge and ability of our technical staff allows our team to be ready to mobilize promptly. LAN prides itself on providing quality professional services to our clients. In fact, all of LAN's company core values relate directly to the quality of our work product.

ACCREDITED TO SERVE YOUR NEEDS

- 17 LEED Accredited Professionals
- 18 Registered Architects (RAs)
- 23 Non-Licensed Architectural Graduates
- 21 Professional Engineers (PEs)
- 05 NJDEP-Certified UST Personnel
- 04 AHERA Building Inspectors
- 04 Professional Planners (PPs)
- 03 Wetlands Professionals
- 02 NJDEP Licensed Site Remediation Professionals (LSRPs)
- 02 Certified Safety Professionals (CSPs)
- 01 Certified Playground Safety Inspector (CPSI)
- 01 Certified Municipal Engineer (CME)
- 01 Professional Land Surveyor (PLS)
- 01 Certified Industrial Hygienist (CIH)
- 01 AHERA Management Planner
- 01 AHERA Supervisor/Contractor
- 01 AHERA Project Designer
- 01 Professional Wetlands Scientist (PWS)
- 01 Certified Professional in Erosion & Sediment Control (CPESC)
- 01 NCQLP LC Lighting Certified Professional
- 01 Certified Educational Facilities Manager (CEFM)
- 01 Certified Interior Designer (NCIDQ)

OUR CORE VALUES

- Responsiveness
- Loyalty
- Honesty & Integrity
- Pride
- Innovation



COMMITMENT TO OUR CLIENTS:

“Our clients are our family. Every client, regardless of project size, scope, or length of services, receives dedicated personal attention. We value our relationships with each client, so much so, that many have been part of our extended family for many years and, in many cases, decades.”

-Thomas Wighard, President of LAN Associates

GREEN BUILDING & SUSTAINABILITY

LAN has over twenty in-house LEED-accredited professionals, including more than a dozen professionals specializing in Building Design and Construction (BD+C) who can incorporate “green design” into your project.

There are a variety of options and strategies we can employ to contribute to LEED points, as well as helping to reduce operating costs compared to baseline equipment selections. Whether obtaining LEED certification or not, LAN routinely incorporates LEED principles and other energy efficient strategies in all of our projects. In fact, HVAC systems account for the greatest share of the energy costs in most buildings.

The importance of the environment and its influence on communities are placed at the forefront of LAN's design. LAN has worked on many sustainably driven projects, several of which have received varying levels of LEED accreditation. Buildings that are designed with sustainable practices have been proven to provide a healthier, more comfortable environment, resulting in increased usability, productivity, quality.

SUSTAINABLE ELEMENTS & STRATEGIES TO CONSIDER

There are numerous elements that LAN would propose to incorporate into a project with little to no impact on the overall construction cost. As standard practice, LAN integrates sustainable strategies into designs to reduce artificial lighting, decrease the size of mechanical systems, and improve building envelope efficiency and performance. Other elements to consider may include:

- By utilizing **natural daylighting**, the total illumination required from artificial lighting fixtures is drastically reduced.
- **Increased thermal performance** of the building envelope reduces the heating and cooling load, which in return, reduces the size of mechanical equipment and associated ductwork.
- Another system efficiency that yields a great environmental impact and reduces construction cost is **water use reduction**. By specifying low-flow or waterless plumbing fixtures, construction costs can be reduced due to less piping and infrastructure. The utility costs of the end user are also reduced by lowered water usage. Designs based around water reduction result in little to no impact, as specifying fixtures are standard services in the design of the facility. Drought-tolerant landscaping can also be utilized to eliminate irrigation systems.
- The **selection of interior finishes** for the building can also aid in providing a healthier more sustainable building. Specifying low VOC/off-gassing interior materials can improve indoor air quality. Selection of materials with high recycled content and those that require less maintenance help to provide a healthier interior environment that also reduces the overall maintenance costs to the end user.

Sustainable and energy-efficient design is an integrated process that involves design charrettes early in the process with all professionals to establish metrics for performance and project goals.

By increasing overall building performance, systems become more efficient and reduce system sizing and construction costs. This results in lower greenhouse gas emissions, reduced air pollutants, and decreased consumption of fossil fuels, all of which are major roadblocks to a healthier environment.



INTEGRATION OF LEED INTO THE DESIGN PROCESS

For projects that seek to meet LEED certification requirements, a third-party LEED consultant would be hired as part of the design team. The LEED consultant starts the LEED process with a team LEED Goal Setting in the early schematic design phase. The key team members (Owner, Architect, Civil, LA, MEP at minimum) attend to discuss LEED strategies and how to best integrate strategies into the project. Early inclusion helps to keep cost impacts down since the project is being designed with 'green' strategies in mind, versus being shoehorned in once the design is further developed. At the end of the LEED Goal Setting meetings, the LEED consultant will issue a LEED Plan outlining the status of the strategies discussed, notes relevant to the strategies, and action items for team members.

After the LEED Goal Setting meeting, the LEED consultant will remain involved in regular team meetings, to keep LEED strategies at the forefront and to surface ongoing opportunities. We will also be providing technical research assistance on sustainability strategies and LEED requirements. As needed, we will meet with individual team members to work through details. As the design progresses and LEED strategies are finalized, the LEED consultant will issue updates to the LEED Plan.

During the Design Development phase, the LEED consultant will work with the team to identify a Commissioning Agent, who is required to be engaged no later than the end of the DDs. Also, at the 100% Design Development stage, a full review of the drawings and related documents will take place. The intent is to identify targeted LEED strategies that have yet to be included so they are incorporated in the next iteration of documents.

Once the Construction Document phase is completed, the LEED consultant works with the team to complete LEED documentation, and an internal QA/QC will take place. Once documentation is satisfactory, the LEED Design Application will be submitted to Green Business Certification Institute (GBCI) for review and approval.

During the Construction Administration phase, the LEED consultant will engage with the Contractor first through a LEED kick-off meeting to review the process and expectations related to LEED, and then throughout construction by attending regular meetings. The LEED Plan will be updated and issued throughout construction. The LEED consultant will be involved in the submittal review process to confirm materials meet LEED requirements.

Once construction is complete and LEED documentation is wrapped up, the LEED consultant will conduct an internal QA/QC of the construction documentation. The final documents will be submitted to GBCI for the LEED Construction Application for review and approval.





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**STATEMENT OF
ASSURANCE**

STATEMENT OF ASSURANCE

LAN Associates is not currently in violation of any regulatory rules and regulations that have an impact on our operations.





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CURRENT ACTIVE PROJECTS AND RELEVANT EXPERIENCE

CURRENT ACTIVE PROJECTS

LAN takes pride in our steady growth, we currently employ 120 team members. With this depth of in-house resources at our disposal, our staff to workload ratio allows us to pursue multiple opportunities simultaneously. LAN selectively pursues RFP's to ensure our clients and their projects receive the care and personal attention they deserve.

As the architect and engineer of record for dozens of clients, LAN is constantly working on a wide variety of projects, ranging from small capital improvements to large additions and renovations. Below is a partial listing of current ongoing projects for our Midland Park office.

LAN's staff is readily available and eager to provide Architect and Engineering services to the County College of Morris on an as-need basis.

Township of Montclair Police Department Renovations

(Contact: Officer James Snodgrass | P: 973.509.4723)

- Full interior renovation at dispatch office and IT closet - Construction Document Phase
- Estimated construction costs - \$1.6M

New Brunswick Fire Station No. 5 Renovations

(Contact: Deputy Chief Hasahya Hirya | P: 732.745.5169)

- Façade repairs, roofing renovations and interior repairs - Bidding Phase
- Estimated construction costs – \$735k

Borough of Glen Rock Renovations

(Contact: Bob Buono, Director of Public Works. | P: 201.670.3980)

- Roofing replaced at DPW garage and municipal building - Construction / close-out phase
- Estimated construction costs – \$492k

DPMC Wharton DOT Maintenance Building Renovations

(Contact: Darren Comegys, DPMC Project Manager |

P: 609.984.6219)

- New Restrooms, Locker Rooms, & Showers - Design Development Phase
- Estimated construction costs – \$680k

The Friends of the New Jersey School of Conservation

(Contact: Bernard Weintraub, NJSOC Director | P: 732.410.6104)

- West Dipper Lodge Bathrooms, Directors Cabin renovations, Kittatinny Lodge restroom and ADA ramp - various phases of design and construction
- Estimated construction costs – \$950k

LAN's staff is readily available and eager to provide Architect and Engineering services to the County College of Morris on an as-need basis.

INTERGENERATIONAL CARE COMMUNITY

STATE UNIVERSITY OF NEW YORK, PURCHASE CAMPUS

HEALTHCARE/HIGHER EDUCATION



LAN was retained to provide mechanical and plumbing engineering and LEED design services as well as construction administration services for "Broadview," a new senior living community for The State University of New York (SUNY) at Purchase College. This unique development project aimed to engage senior citizens and students in a diverse learning community that crosses the generational divide to benefit lifelong learners at different stages of life.

LAN worked with HCM Architects to join the new facility with the existing campus through a hub that provides students with new forms of mentoring, tutoring, and guest lecturing. Broadview's goal is to keep residents engaged with campus academic and athletic functions while providing students with space for career training and professional engagement. A Learning Commons was designed as the center point and multipurpose gathering space for residents and students. It is envisioned as a lively and collaborative area. The expansive attractions within the Clubhouse include classrooms, learning labs, a theater, game rooms, wellness centers, a coffeehouse, dining areas, and more. The phased project included two mid-rise buildings constructed for independent living apartments, an assisted living and memory care building, private villas, and outdoor gathering spaces. Outdoor green spaces were also included.

The project pursued LEED-silver certification. To meet the certification, LAN's team implemented energy recovery ventilation in every apartment, Clubhouse HVAC system, LED lighting, high efficiency water heaters, ENERGY STAR appliances, WaterSense plumbing fixtures, and a host of other measures.

Active construction on Broadview began in December 2021. The project was completed in phases between October 2023 and January 2024.

Reference:

Wayne M. Rush, PE
Project Manager
914.251.6138

Project Size: 552,000 sf

Cost: \$210M

Completion Date:

Phased Between October 2023 and
January 2024

Project Number: 4.1308.01

LAN
ASSOCIATES

STUDENT CENTER AND RECREATION CENTER HVAC UPGRADES

ROWAN UNIVERSITY

HIGHER EDUCATION/MEP

Since 2019, LAN has provided mechanical, electrical, and plumbing (MEP) engineering services on several task projects as well as for two HVAC upgrades projects at Rowan University. Through this time, we have worked with the University's staff and leadership to develop designs that meet each project's individual needs.

Student Center Building HVAC Upgrades

LAN has provided design and construction services for an AHU-2 replacement and associated work at the Rowan University Student Center building. This three-level building was constructed in 1974 and has two large AHU's which serve the two main floors. The existing AHU-2 was rated for 36,020 cfm with 3,500 cfm min. OA, 78 tons of cooling capacity, and had 13 duct mounted HW reheat coils.

Based on our HVAC load calculations, a review of space use in each room, and our analysis, the final design was for a new AHU-2 rated for 28,000 cfm supply airflow with minimum 3,500 cfm outdoor air, but with increased 90 tons of cooling capacity and 25 new VAV boxes with hot water heat coils for more efficient zoning. This approach allowed the University to not only continue utilizing campus CHW and HW, but also provide proper cooling and dehumidification. The new AHU-2 was tied into the existing ALC BMS.

Recreation Center Building HVAC Upgrades

LAN also recently completed design documents for plan review for HVAC upgrades at the University's Recreation Center, which is comprised of a very large gymnasium, fitness room, five racquetball courts, locker rooms, and offices. This building, which opened in 1992, had multiple issues including several spaces that were too hot or too cold, humidity issues throughout the building, and had several small renovations done over the previous 15 – 20 years. The existing HVAC system comprised of multiple AHU's and several water source heat pump units, and it was not designed to provide adequate cooling and dehumidification.

After identifying the needs of the Recreation Center, LAN developed a design that maintained optimal temperatures and humification for each individual space. Based on our HVAC load calculations, the required cooling capacity in the building is 385 tons compared to only 155 tons total rated cooling capacity of existing HVAC systems.

We completed final design documents based on nine packaged RTU's with several VAV boxes and totaling 385 tons of total cooling capacity compared to only 155 tons for the existing system and decoupled new HVAC system from campus CHW and HW system. The estimated construction cost estimate for this project is \$9 Million. Final design documents were recently completed in October 2024 for plan review.



Reference:

Ms. Alexis Breining
Director of Planning and Design
Services
Rowan University
856.256.4194

Project Size:

Student Center- 13,640 SF
Recreation Center- Over 30,000 SF

Cost:

Student Center- \$2.4M
Recreation Center- \$9M

Completion Date:

Student Center- August 2023
Recreation Center- October 2024
(Final Design)

Project Number:

2.20306.01 & 2.20306.02

LAN
ASSOCIATES

HVAC UPGRADES AT MONTCLAIR STATE UNIVERSITY SPRAGUE LIBRARY

MONTCLAIR STATE UNIVERSITY

HIGHER EDUCATION



LAN provided services for Montclair State University to create schematic design options and bid documents for HVAC upgrades at the Sprague Library Building in late 2017. Sprague Library is a three-story, 118,000 sf building that has completed multiple additions throughout the years.

The goal of the project was to tie in new HVAC units to the entire campus' central chilled water systems and to implement new controls for the building management system (BMS), creating a better controlled environment for students and faculty. Part of the schematic design included replacement of existing Indoor Air Handling Unit (AHU) #5 with a new outdoor-grade mounted AHU, with CHW and steam coils, 56 new variable air volume (VAV) boxes, multiple supply and return fans, dual enthalpy economizer, and CO2 demand controlled ventilation. On the library's North Wing, a new single packaged 80 ton cooling capacity RTU and 15 new VAV boxes with reheat coils were installed (to replace four smaller RTUs), making the library more sustainably efficient.

Other upgrades were also added to further improve building HVAC performance, including new hot water finned tube radiation controls, high pressure steam packaged STHX units, freeze protection pumps, and the replacement of one computer room RTU.

The final bid drawings were completed in late 2019, submitted for DCA for code review in late 2019 and were approved. Construction phasing for this project is crucial, as the rigorous higher education schedule only allows for a 6-week window during the summer to switch over to the new HVAC system.

This project was put on hold during the COVID-19 pandemic and is currently awaiting funding to proceed.

Reference:

Henry Omovitz, PE
Senior Project Manager
Montclair State University
973.655.7972

Project Size: 63,450 sf

Cost: \$3.5M

Completion Date:

Bid Documents: Early 2020

Project Number: 2.445.27

LAN
ASSOCIATES

CAFETERIA RENOVATION

ESSEX COUNTY COMMUNITY COLLEGE

HIGHER EDUCATION



LAN was retained by the Essex County Community College to provide architecture and mechanical, electrical, and plumbing engineering (MEP) services for a full interior renovation to the College's cafeteria at the main campus in Newark, New Jersey.

After reviewing the cafeteria's existing flow of traffic, LAN's design team developed a new layout that optimized the floor plan and food service stations/salad bars to maximize the passage of the College's students during the busiest lunch and dinner hours.

The project features the installation of new finishes, flooring, ceilings, lighting, millwork, and servery equipment. The new design incorporates an updated finish palette of natural wood tones with whites and charcoal tile at the food stations. Plumbing and electrical designs are included to support the new kitchen equipment.

Another component of the project includes the alleviation of humidity throughout the cafeteria. After evaluating the existing conditions, LAN's mechanical engineering team designed HVAC modifications to allow the College to better control the indoor climate.

Reference:

Mohamed Seddiki, Executive Dean,
Chief Information Officer
Essex County Community College
973.877.3509

Project Size: 3,340 SF

Cost: \$1.2M

Completion Date:
August 2023

Project Number: 2.20302.02

LAN
ASSOCIATES

HENNESSY HALL GYMNASIUM ADDITION

DOMINICAN COLLEGE

HIGHER EDUCATION



LAN Associates, in collaboration with Holt Construction, provided Design-Build architectural services for the Dominican College gymnasium addition to the Hennessy Center. The new two-story, 19,000 sf auxiliary gymnasium is constructed along the south side of the existing Hennessy Center's gymnasium to provide expanded physical education and recreational facilities for its sports program, students and staff. The design aesthetic contextually blends in with Hennessy Hall and other surrounding buildings on the Dominican College campus.

The new building construction consists of exterior masonry walls with brick veneer and synthetic stucco accents to match the existing facility. The building will be designed with a steel frame and low pitch roofing, installed on pre-engineered steel joists. The addition is completely ADA accessible. The new facility provides program spaces, including a regulation NCAA sized gymnasium, large multi-use area for exercise and weightlifting equipment, Handicap accessible Men's and Women's toilet rooms, aerobics studio, multiple coaches offices, 12 individual team storage rooms and 1 large equipment garage.

Reference:

Phil Stiller
Holt Construction
845.735.4054

John Burke
Dominican College
845.848.7049

Project Size: 19,000 sf

Initial Construction Budget: \$5M

Pre-Construction Cost: \$5M

Final Construction Cost: \$5M

Completion Date: Spring 2017

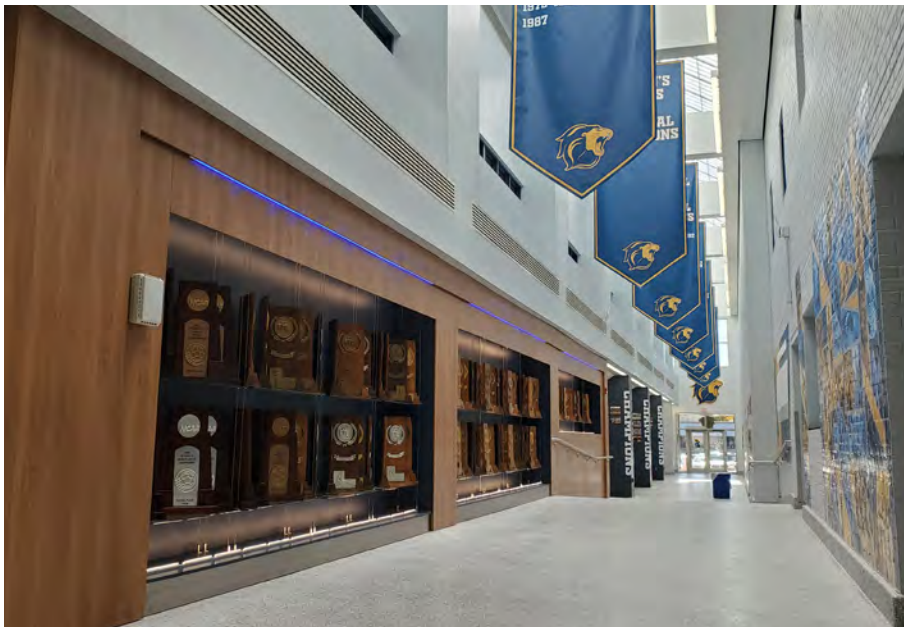
Project Number: 4.1195.5

LAN
ASSOCIATES

PACKER HALL RENOVATIONS AND ALTERATIONS

THE COLLEGE OF NEW JERSEY

HIGHER EDUCATION



In order to pursue their goal in fostering an environment for diverse experiential, co-curricular, and extracurricular programs for their students, The College of New Jersey (TCNJ) decided to renovate and enhance Packer Hall, the College's centerpiece. LAN was retained to provide functional and aesthetic enhancements to Packer Hall's Hall of Champions, the toilet rooms serving the Hall of Champions, and the athletics weight room. LAN provided architecture, interior design, MEP engineering, and construction administrative services.

The Hall of Champions, a two-story volume corridor, serves as a link between buildings on campus. To celebrate the College's rich athletic history, the renovation features custom display cases that showcase the College's athletic achievements to visitors, current students, and prospective students. A custom graphics package was installed including new physical, digital, and graphic displays featuring new branding. Specialty lighting was also provided.

The varsity weight room will enhance the College's athletic department's mission to deliver modern, cutting edge amenities to their student-athletes. New training equipment was installed. The student athlete lounge received alterations to provide hospitality and comfort to students looking to unwind in between classes and practice. The space provides a warm, welcoming, and inclusive area for students, while also fostering a sense of ownership and pride in the College.

Alterations to numerous toilet facilities provide ADA/barrier free accommodations, appeal, and convenience to all building visitors and students.

Reference:

William Rudeau
Director of Design & Construction

Joseph Como
Project Manager of Design
and Construction

The College of New Jersey
609.771.3234

Project Size: 9,750 sf

Cost: \$1,215,000

Completion Date: October 2022

Project Number: 2.20398.01

LAN
ASSOCIATES

FERGUSON RECREATION CENTER MASONRY REPAIRS

FAIRLEIGH DICKINSON UNIVERSITY

HIGHER EDUCATION



Fairleigh Dickinson University commissioned LAN Associates to repair exterior masonry of the north and south rotunda entrances at the Ferguson Recreation Center at the Florham Park Campus located in Madison, New Jersey. The Ferguson Recreation Center was constructed in 1995, shortly after construction the rotunda entrances began to experience chronic water infiltration at window heads which damaged interior wall finishes. The water infiltration resulted in mold growth on interior finishes and within the exterior wall cavity.

The remedial work included the complete removal and replacement of the exterior brick veneer and gypsum sheathing and repair of exterior light gage steel stud wall framing. New engineered flashing systems were installed at all window heads and at the perimeter brick relieving angles to provide proper drainage of the cavity wall system. The work also included the installation of a new standing seam metal roofing, curved aluminum gutters and leader downspout assemblies.

Reference:

Richard Frick
Associate VP for Facilities - Buildings
and Grounds
201.692.2788

Cost: \$425,000

Completion Date: August 2012

Project Number: 2.20069.2

LAN
ASSOCIATES

NEW JERSEY VETERAN'S MEMORIAL HOME HVAC UPGRADES

NEW JERSEY DEPARTMENT OF MILITARY AND VETERANS AFFAIRS (DMAVA)

MUNICIPAL/MEP



LAN was retained by the New Jersey Department of Military and Veterans Affairs to provide HVAC modifications and improvements in both Building #1 and Building #2 at Veteran's Memorial Home in Paramus, New Jersey. The existing HVAC system had outlived its expected useful life and had cooling and control issues warranting a complete HVAC replacement.

New heating and cooling fan coil units were installed in each of the 192 resident rooms in the Veteran's Home all while keeping the building occupied and active, and without displacing residents. The new fan coil units provide independent temperature controls in each of the resident rooms. Previously there were only provisions for local heating control.

Two new 100% outside air energy recovery units (ERUs) were installed on the roof of Building #2 to replace problematic equipment. The new ERUs provide heated and cooled outside air to all spaces in the building and bring all return and exhaust air back to the unit to recover energy from the exhaust stream and help pre-heat or pre-cool the outside air. This helps reduce the mechanical heating and cooling needed to provide comfortable indoor air. To further improve indoor air quality, provisions for humidification and dehumidification were installed as well.

New higher efficiency chillers were installed in both Building #1 and #2 and new pumps for the heating and cooling systems were provided with Variable Frequency Drives (VFDs). This will provide greater energy savings to the operation of the building.

The Building Management System (BMS) had recently been replaced prior to this project, but additional modifications and upgrades were made to the system. All newly replaced equipment was added to the existing BMS to allow for full visibility and controllability of all equipment in the facility.

Reference:

Mr. Mirza Baig
CFMO/CMB Project Officer
New Jersey Department of Military and
Veterans Affairs
609.530.7127

Project Size: 140,000 sf

Cost: \$3.18M

Completion Date:

March 2022

Project Number: 2.2770.08

LAN
ASSOCIATES

NJDOT SOUTH HQ CHERRY HILL HVAC EQUIPMENT REPLACEMENT

NJDPMC/NJDOT

MEP/MUNICIPAL



LAN was retained by the NJ Division of Property Management and Construction (NJDPMC) to provide a complete upgrade of the existing heating, ventilation, and air conditioning system at the New Jersey Department of Transportation (NJDOT) South Headquarters located in Cherry Hill, NJ. The scope of work for this project included the removal and replacement of all existing HVAC equipment and controls throughout all three floors of an occupied building, as well as the roof.

Two new 80 ton, high efficiency, packaged, cooling and heating RTU's, 63 VAV boxes with re-heat, and three high efficiency, modulating, condensing hot water boilers were installed to provide full temperature, humidity, and individual control to all spaces throughout the facility. The new RTUs were provided with Needlepoint Bi-Polar Ionization (NBPI) air filtration to treat airborne pathogens, VOCs, odors, and other particles in the air stream.

New heating and cooling load and ventilation calculations were performed and saved 20 tons of cooling from the original design saving the client money on gas and electrical utilities.

The Traffic Operations Center was provided with new computer room air conditioning (CRAC) units for their dense data center space, as well as a dedicated HVAC unit for their office space.

Along with the equipment upgrades, the building management system (BMS) was completely replaced. All new equipment was provided with web-based direct digital controls (DDC) and a new front end graphical user interface that provides intuitive color graphics of all equipment, allows the user to completely control the HVAC system, and provides alerts alarms.

As not to disrupt the day to day function of the space, all work was completed during second shift, on weekends, and around the schedule of the fully occupied building.

Reference Name:

Dennis Meszaros
Project Engineer
NJDOT
609.963.2174

Project Size: 51,000 sf

Cost: \$ 2.1M

Completion date: October 2019

Project Number: 2.2268.58

LAN
ASSOCIATES

PRE-REFERENDUM SERVICES FOR 2024 BOND

CRANFORD BOARD OF EDUCATION

EDUCATIONAL K-12



New Media Center at Cranford HS, Rendering



New STEAM Lab at Cranford MS, Rendering



New Culinary Arts Lab at Cranford MS, Rendering



New Classroom, Rendering

For over 25 years, LAN has worked with the Cranford Board of Education to help the District provide innovative and effective learning environments for its students. Facing district-wide aging infrastructure, LAN was retained to provide pre-referendum services for the development of a potential \$70M Bond Referendum.

As the first step in the pre-referendum process, LAN completed an extensive review of the District's facilities to determine a list of priority projects and cost estimates which were presented to the Board of Education. The scope of work was further identified for LAN to update the District's LRFP in accordance with the NJDOE submittal process. Schematic and conceptual plans were submitted and reviewed by the NJDOE. Since the referendum includes several additions, LAN also presented and received approval at the Cranford Planning Board meetings as requested by the BOE.

Through the referendum process, the central idea was to provide improvements for every type of student, while also providing continuity between all schools. This includes building additions at four elementary schools, which will expand student capacity and implement full-day kindergarten. These four schools will also receive media center upgrades and specialized classes for programs such as music education.

At the middle schools and high school, the design team worked alongside the District's administration to continue to revolutionize learning environments while providing cost-conscious designs. The schools will reutilize a variety of existing spaces while incorporating new educational programming including new culinary arts labs, STEAM labs, theatrical spaces, career focused areas, and a new e-sports area that provide students with a dedicated space to train and compete.

Throughout the pre-referendum process, LAN is working alongside the District's public relations firm to help educate the community on the referendum and its benefits. The proposed referendum is set for public vote in 2023. If approved, construction will be prioritized and completed in phases in order to minimize disruption of the schools' schedules.

Reference:

Robert Carfagno
Cranford Board of Education
Business Administrator/Board Secretary
908.709.6210 ext. 6210

Project Size:

Various Across 8 District Buildings

Cost: ~\$70M

Completion Date:

Estimated 2029

Project Number: 2.2332.75

LAN
ASSOCIATES

CIVIL ENGINEERING SERVICES FOR SCHOOL ADDITION

MAYWOOD BOARD OF EDUCATION

CIVIL ENGINEERING/EDUCATION K-12



As part of a larger referendum, LAN designed a six-classroom addition surrounding a courtyard at the Memorial School that will create 8,000 SF of new educational space for the District's growing student population.

A main feature of the site design is a new stormwater management system, which collects water through a total of four grated inlets. New conveyance storm piping directs the flow from these inlets to the new subsurface chamber system, which stores the runoff and ties the infrastructure to the existing stormwater inlets on-site.

The use of this subsurface chamber system in the stormwater management system incorporates NJDEP Green Infrastructure criteria into the design. The underground chambers function as a dry well that stores the runoff, which then infiltrates into the subsoil. This not only allows for the reduction in the volume of stormwater runoff to be achieved, but also results in groundwater recharge. Although dry wells are assigned a 0% total TSS removal rate based on the NJ Stormwater BMP Manual, an isolator row is installed as part of the subsurface chambers system which is a key maintenance feature that provides suspended solids and pollutant removal.

The project required several unique designs to overcome site constraints. LAN coordinated directly with the structural engineer to decide where drop footings would be located within the foundation, allowing for the stormwater system to run beneath the addition. This new system connects the existing inlet within the courtyard space to the rest of the conveyance system outside of the courtyard. Tying the proposed system into the existing storm infrastructure was challenging due to the existing conveyance storm piping between the existing inlets. The inverts of these existing storm pipes provide very little pitch and were almost flat. Designing the subsurface chamber system with a large storage capacity helped this issue to be able to account for the larger design storm scenarios.

Reference:

Ms. Jennifer Pfohl
Business Administrator
Maywood BOE
201.843.4598 Ext. 124

Project Size: 8,000 sf Addition

Cost: \$22M (Total Referendum)

Completion Date:

Estimated January 2025

Project Number: 2.2945.21.01

LAN
ASSOCIATES

DENNIS O'BRIEN ELEMENTARY SCHOOL SITE IMPROVEMENTS

ROCKAWAY TOWNSHIP BOARD OF EDUCATION

EDUCATIONAL K-12/CIVIL ENGINEERING



As the Architect and Engineer-of-Record for the District, LAN was retained by the Rockaway Township Board of Education to provide civil engineering services for various capital site improvements at the Dennis O'Brien Elementary School.

The project consisted of resurfacing of the school's existing parking lot, which covers in excess 2 acres of the property. LAN reconfigured the layout of the 107 stall parking lot to improve ease of access. To achieve the goal of improving ADA accessibility on-site, a series of ADA accessible parking stalls, as well as a compliant ramp were constructed directly adjacent to the front entrance of the building. In addition to resurfacing, the majority of the on-site curbing, sidewalks, stairways, fencing and guiderails were also replaced.

While most of the construction was scheduled during the summer as to not displace the students, the project's paving was strategically phased to maintain faculty access to the building throughout the duration of construction.

Cost: \$765,000

Completion Date: November 2020

Project Size: 93,400 SF

Project Number: 2.20314.06

LAN
ASSOCIATES

SITE IMPROVEMENTS TO WOODSIDE ELEMENTARY SCHOOL

RIVER VALE BOARD OF EDUCATION

EDUCATION K-12



As the architect and engineer-of-record for the District, LAN was retained by the River Vale Board of Education to provide civil engineering and land surveying services for various site improvements to Woodside Elementary School.

The existing pavement at the playground area, front parking lot, and north parking lot were past their useful life and in need of repairs. LAN's team of engineers designed the milling, repaving, and re-striping of all three pavement areas. Located across the street from a nearby lake and creek, the main parking lot of the school often faced drainage issues. To alleviate these concerns, the team redesigned the lot to better drain into the existing municipal systems.

The project also included the repaving of the outdoor basketball courts located behind the school. The existing basketball court was replaced with two half-sized courts to maximize the playable space for students during recess and physical education class.

In order to improve accessibility throughout the school, the existing aging concrete sidewalks on the property were removed and replaced. The new concrete emphasizes student safety through reinforced walkways and curbing. As part of LAN's design effort, LAN's team ensured that the proposed walkways meet the requirements of the 2010 ADA Standards for Accessible Design.

LAN worked with the county and town engineer throughout the design process to ensure the design of the improvements met all necessary codes and regulations.

Reference:

Ms. Kelly Ippolito
Business Administrator
River Vale BOE
201.358.4003

Cost: Estimated \$350,000

Completion Date:

Fall 2020

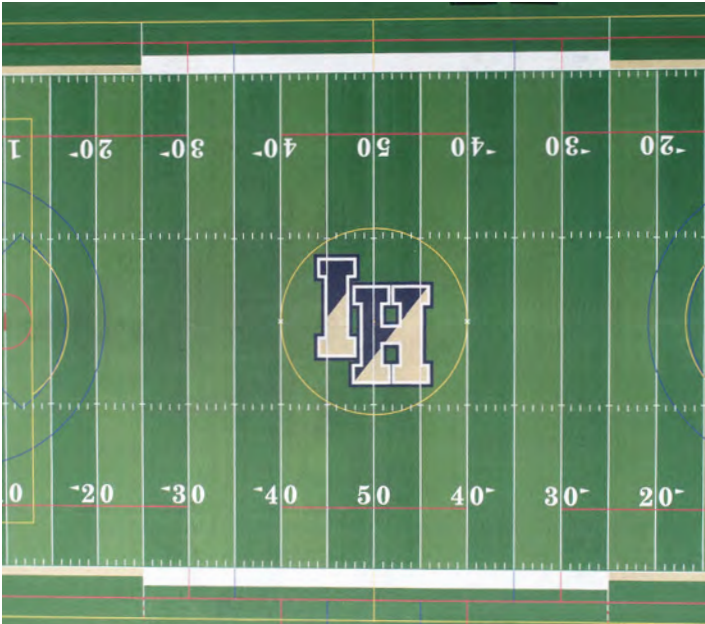
Project Number: 2.2797.45

LAN
ASSOCIATES

ARTIFICIAL TURF & TRACK REPLACEMENT AT INDIAN HILLS HIGH SCHOOL

RAMAPO-INDIAN HILLS REGIONAL HIGH SCHOOL DISTRICT

ATHLETIC FACILITY/EDUCATIONAL K-12



As architect and engineer of record for the District, LAN was retained by the Ramapo-Indian Hills Regional School District to provide civil engineering and land surveying services for the replacement of the track & field surfaces at the Indian Hills High School. Both amenities had reached the end of their service life and needed to be replaced.

Working with Fieldturf through a coop agreement, LAN performed design services for the track and field improvements, which included modifications to the track & field events at the request of the school's athletic department, as well as the replacement of some of the athletic field amenities.

One area of the track had previously had issues with ground settling, so additional improvements to this area were completed, including field investigation and remedial action to minimize future settlement of this area.

Reference:

Paulinus Egu
Director of Facilities
Ramapo-Indian Hills Regional HS District
201.416.8100 Ext. 3800

Cost: \$1.1M

Completion Date: September 2019

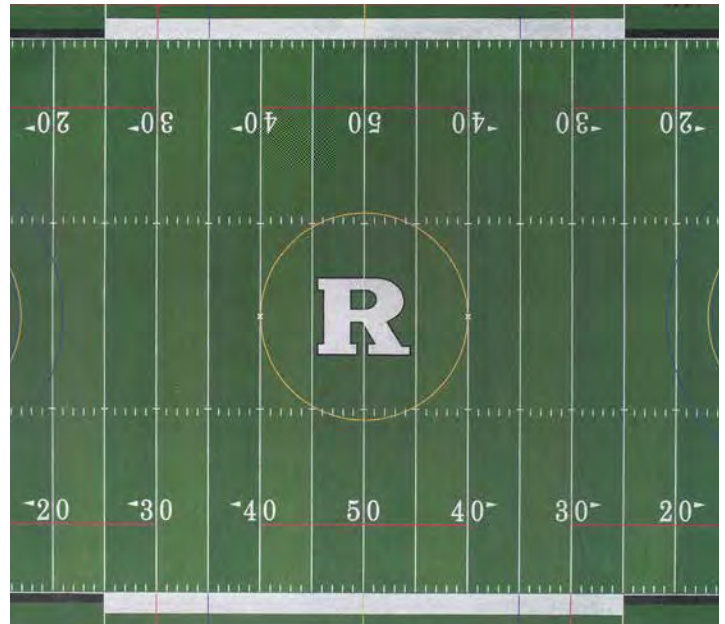
Project Number: 2.2937.91

LAN
ASSOCIATES

ARTIFICIAL TURF & TRACK REPLACEMENT AT RAMAPO HIGH SCHOOL

RAMAPO-INDIAN HILLS REGIONAL HIGH SCHOOL DISTRICT

ATHLETIC FACILITY/EDUCATIONAL K-12



As architect and engineer of record for the District, LAN was retained by the Ramapo-Indian Hills Regional School District to provide civil engineering and land surveying services for the replacement of the track & field surfaces at Ramapo High School. Both amenities had reached the end of their service life and needed to be replaced.

Working with Fieldturf through a coop agreement, LAN performed design services for the track and field improvements, which included modifications to the track & field events at the request of the school's athletic department, as well as the replacement of some of the athletic field amenities.

Reference:

Dora Zeno
Interim Business Administrator
Ramapo-Indian Hills Regional High
School District
201.416.8100 ext. 3804

Cost: \$1.3M

Completion Date: September 2019

Project Number: 2.2937.89

LAN
ASSOCIATES

LIVING LEARNING COURTYARD AT HOLDRUM MIDDLE SCHOOL

RIVER VALE SCHOOL DISTRICT

EDUCATIONAL K-12



As part of a significant referendum passed in 2021, River Vale School District invested heavily in spaces that focus on integrating health and wellness into student life. In support of that effort, LAN Associates was retained in conjunction with MKW + Associates to design a living-learning courtyard at Holdrum Middle School.

The courtyard is inextricably linked to the new Wellness Center that was built as part of the same referendum. The Wellness Center has a large glass partition that opens into the courtyard, making the two spaces feel linked as students can easily walk from inside to out.

The large courtyard contains a gathering space for events, performances, and group instruction. It can accommodate multiple classes while also providing opportunities for community events. Elsewhere are several community gardens where students can bring science lessons to life or congregate with friends in a serene environment highlighted by flowers and greenery.

Throughout the courtyard are several raised planter beds and masonry seating walls. These stone fixtures complement the relaxing atmosphere of the courtyard while providing seating opportunities and a place for flowerbeds. The space also focuses on large lawn areas for group physical activity and incorporates warm-toned wood screening walls that serve as artwork display boards.

"What truly sets LAN's work apart is the commitment to wellness-focused architecture that is built into their designs. Every design decision was made with the well-being of our students in mind, fostering a positive and healthy educational environment."

Melissa Signore Superintendent

Reference:

Kelly Ippolito
Business Administrator
River Vale Schools
201.358.4003

Project Size: 10,000 sf

Completion Date: May 2023

Project Number: 2.2797.58.1

LAN
ASSOCIATES

LIVING/LEARNING COURTYARD AT ROSS STREET ELEMENTARY

WOODBIDGE SCHOOL DISTRICT

EDUCATIONAL K-12



With a rapidly expanding student population and a building that could no longer meet the needs of 21st century learners, Woodbridge Township needed to expand the existing Ross Street Elementary School. To house the incoming students and support new learning modalities, LAN designed a new two-phased school, funded by a referendum, on the existing site so students would not be displaced throughout construction.

On a site where building extents were constrained, whether by infrastructure or wetland boundaries, it was important to provide access to nature to facilitate 21st Century learning and enriching environments. LAN Associates provided a living/learning garden within the center of the new three story Ross Street Elementary School to create a 360 degree natural habitat and outdoor classroom.

With full width glass windows lining the hallways, the courtyard provides students with a refreshing view between classes or in breakout areas. The courtyard itself houses a small amphitheater for teachers to take their lesson plans outside and explore ideas intertwined with the natural environment. It also houses several gardens with providing native plantings combined with butterfly houses to welcome colorful guests. The new courtyard provides additional outlets for students to engage with other students or host a wide variety of events in conjunction with the adjacent cafeteria.

This unique space is not only used by the Woodbridge Township students but has been the home for Board of Education meetings and celebrations for local celebrities and honorees.

Reference:

Brian Wolferman
Business Administrator
Woodbridge Board of Education
732.602.8536

Project Size: 490 sf (Courtyard)
87,033 sf (Entire School Addition)

Cost: \$33M (Entire School Addition)

Completion Date: August 2019

Project Number: 2.20211.08

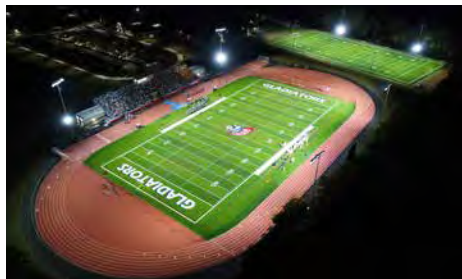
LAN
ASSOCIATES

ATHLETIC FACILITIES

VARIOUS CLIENTS

CIVIL ENGINEERING

With over 65 athletic fields, facilities, press boxes, and play area projects, LAN has earned a well-deserved reputation as a top design firm for recreational projects. We offer a full range of athletic facility design expertise including, architecture, civil engineering, electrical engineering, and surveying.



From conventional cardio equipment and rig/rack systems for strength training to playgrounds and multi-purpose turf or natural grass fields, LAN has designed a wide variety of athletic facilities. We adapt every design to the expressed needs of our clients, and tailor our approach based on the nature of the project.

LAN has worked with our clients to develop cutting-edge exercise programs for various environments including free movement gymnasiums equipped with indoor turf for push pull activities and agility training, traditional fitness centers, athletic fields, and outdoor courts. Whether designing a conventional outdoor area for students to enjoy their physical education class or through state-of-the-art, multi-purpose athletic complexes, LAN has the experience to help you realize the full potential of your project.

EXPERIENCE

LAN's team of professionals can help you navigate the complex world of athletic fields and sport courts. As a full-service firm we provide everything from site design and master planning to field lighting and bleacher design. LAN's portfolio of athletic facility design includes, but is not limited to:

- Aquatic Centers
- Baseball Fields
- Basketball Courts
- Bleachers
- Dance Studio
- Field Hockey Fields
- Field Houses
- Football Fields
- Lacrosse Fields
- Locker Rooms
- Playground Equipment
- Press Boxes & Grandstands
- Soccer Fields
- Softball Fields
- Swimming Pools
- Tennis Courts
- Tracks
- Weight Rooms
- Wrestling Gyms
- Yoga Studios

CAPITAL IMPROVEMENTS

VARIOUS CLIENTS

HIGHER EDUCATION



A capital improvement is the addition of a permanent structural change or the restoration of some aspect of a property that will either enhance the property's overall value, increase its useful life or adapt it to new uses.

LAN has established long term relationships with many School Districts through the routine implementation of capital improvement projects. For this type of project, LAN works alongside the District and key stakeholders to identify the short and long-term capital and infrastructure improvement needs. LAN understands that a School District faces a variety of physical, financial, and sometimes political challenges that influence the implementation of capital improvement projects.

The capital improvement projects do not always include complex building additions and renovations, they are often projects that upgrade or replace the site and building envelope elements or mechanical, plumbing and electrical systems. LAN has extensive experience in the planning and implementation of capital projects ranging in size and complexity.

TYPICAL PROJECTS

- ADA Assessments/Upgrades
- Adaptive Reuse
- Additions, Alterations & Interior Renovations
- Athletic Field Lighting & Site Lighting Installation
- Athletic Fields
- Boiler Room Upgrades
- Door Replacements
- Façade Improvements
- Historic Preservation & Restoration
- HVAC & Electrical Upgrades/Improvements
- Integrated Sustainable Design
- Life Safety Improvements
- New Construction
- Parking Lots
- Performing Arts Center Upgrades & Renovations
- Roof Replacements
- Security Upgrades
- Site Improvements
- Technology Upgrades
- Window Replacements





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OUR SERVICES

OUR SERVICES

LAN's team of building and site experts work collaboratively and form a shared knowledge base. We can ensure every aspect of your project is designed and reviewed by a cross section of specialists. From the land you are developing, to the aesthetics and design of your building and the mechanical systems that keep it running, LAN is the right choice to guarantee every detail of your project works in unison to meet your vision.

LAN's professional services by discipline are listed below.

BUILDING SERVICES:



ARCHITECTURE

LAN's Architecture Department is a creative team with the knowledge, experience, and talent needed to turn our client's visions into a reality. Our diverse pool of more than 30 experienced architects and designers have only one priority: to deliver cutting edge design solutions that meet our client's project requirements, exceeds their expectations, and enhances performance.

LAN's professionals understand that each project and client is unique. Our approach focuses on solving the relevant functional needs of each project while creating an aesthetic design reflective of our client's vision. We also build to last, as every LAN designed facility is equipped with the structural, physical, and material needs necessary for future generations.

Our Architectural Team offers a complete design service solution for new construction, major renovations, and additions. Our breadth and depth of experience has led to a tried-and-true process of programming, schematic design, design development, construction documents, and bidding/award that results in a pleasing outcome for all clients.



MEP ENGINEERING

With experience operating in every aspect of the industry, LAN's Mechanical, Electrical, and Plumbing (MEP) Engineering Department has an understanding of the design and construction process for all facility types, as well as the applicable codes, laws, and regulations.

Often tasked with providing energy efficient solutions for mechanical systems or upgrades to existing facilities, our Mechanical Engineering Team understands the intricate details of building for today's market, while our Plumbing Engineer Team's experience comes from years of system design. Our goal is to provide clients with the most cost effective and energy efficient solution.

LAN's Electrical Engineering Department simplifies even the most challenging electrical projects with comprehensive design solutions that increase efficiency, reduce cost and minimize downtime. From medium and low voltage system power distribution systems and multiple power source paralleling analysis, to system automation and security, fire alarm, and life safety systems, we've seen it all and come up with innovative design solutions for each individual LAN project.



CONSTRUCTION ADMINISTRATION

LAN's Construction Administration Department guides our clients through the entire construction process. We pride ourselves on our accessibility, proactive approach, and diligence. Our team makes frequent site visits to ensure projects are meeting LAN's standards for quality control and proceeding in line with the contract documents, schedule, and submittals. LAN also reviews and processes the contractor's submittals, RFI's, payment applications, and change orders.

LAN's experienced professionals provide invaluable assistance in the bidding process, with tailored recommendations on the contract award to fit your individual project. The core principle behind our Construction Administration Team is to ensure a smooth process resulting in a finished product that is completed on time and exceeds expectations.

Whether LAN is servicing all aspects of your project, or working as part of a team, our collaborative approach is the same. Should the need arise for services that LAN does not offer in-house, we will retain one of our strategic partners.

SITE SERVICES:

CIVIL ENGINEERING AND LAND USE

Often acting as one department, LAN's Land Use Division ensures a site is capable of supporting development, while the Civil Engineering Division provides site design and construction contract administration services. This department includes a diverse group of engineers, designers, land use professionals, and draftspersons.

Land Use Professionals navigate the intricate procedures necessary to obtain permits to work within environmentally sensitive areas. These experts are intimately familiar with wetland and flood hazard regulations, which can provide the necessary insight for proper due diligence prior to acquiring or looking to improve a site.

Civil engineering and land use development projects demand expertise across many disciplines including planning, surveying, geotechnical, transportation, structural engineering and more. The entire division ensures that LAN meets our goal to be there every step of the way for its clients, from site evaluation and design to acquiring permits and overseeing construction.



ENVIRONMENTAL ENGINEERING

Our Environmental Services and Regulatory Compliance Departments help our clients easily navigate compliance requirements so they can focus on their core business. From federal USEPA and OSHA requirements, to NJDEP, PADEP and NYSDEC regulations, LAN is available to support your needs. Our team of Licensed Site Remediation Professionals (LSRPs), engineers, scientists, geologists, industrial hygienists, and safety professionals assist with every aspect of environmental regulation.



LAN's team regularly performs site visits to test site conditions and regulatory compliance and environmental professionals are always available to provide insight on regulated compliance, due diligence techniques, and occupational health and safety. These services include environmental permitting, industrial hygiene sampling, preparing written safety and environmental programs and training. This comprehensive approach to handling all aspects of regulatory compliance has proven to be an invaluable service to our clients. LAN's expertise can help you reduce your development timeline and proactively address environmental concerns encountered during site selection.

LAND SURVEYING

Our experienced Land Surveying Department includes licensed professionals and field crews with decades of practice performing services across the Tri-State area for a host of public and private clients. LAN uses state-of-the-art equipment to facilitate the swift completion of a comprehensive set of services for our clients. With modern surveying equipment, including total stations, global positioning satellite (GPS), and 3D laser scanning equipment, LAN can complete construction stakeouts, elevation certificates, and surveys with pinpoint accuracy.

LAN's in-house Surveying Team includes field crews who are skilled in the utilization of the industry's latest techniques, technologies, and data collection procedures. These teams are experienced in residential, municipal, public and commercial developments that include ground up construction, refurbishments, and redevelopment projects.



DESIGN PROCESS

Serving as the architect/engineer of record for multiple public clients, our team routinely responds to our clients' needs as they arise. While many projects presented to LAN were developed and budgeted for prior to LAN's involvement, many arise based on urgent needs. By quickly responding to any issues that arise, providing a local presence, communicating throughout the project, and listening to our clients' needs, LAN is a quality partner with the attentiveness your project warrants.

Depending on the nature of the project and how the need arose, we will implement one of the following approaches:

- If an emergent need, your Project Executive or Project Manager (depending upon whom is most readily available) will schedule a site visit with your team to assess the urgency. Often this requires LAN to develop an approach, discuss moving forward on a time and materials or quick letter proposal basis, and immediately modify project staffing to address your project/need.
- If the project's scope is pre-defined, LAN will assign a project manager and team that is well experienced in that specialty to lead the project development.

While every project is different based on the services provided, as well as the scope and size of the project, our team follows a calculated project phasing breakdown. A sample of our project phasing is as follows.

PROJECT PHASING



Project Kick-Off

LAN will follow the design approach, whether provided in the request for proposal or developed in conjunction with the client, and will meet with the key stakeholders as part of a project kickoff meeting (if necessary). LAN will chair a meeting with all disciplines to set timelines, review Authorities Having Jurisdiction project requirements and the regulatory approval process, review the budget, programmatic requirements, project goals, and expectations. This is key to forming team communications and deliverables necessary during subsequent phases. Available project data is distributed to team members. If necessary, LAN will hold a visioning session with key stakeholders to develop and ensure all client feedback is heard. After a project kick-off and brief introduction, LAN's team will begin the schematic design process.



Schematic Design

During this phase, the LAN team will assess the spatial and code requirements of the project, develop existing and proposed plans, schematic sections, elevations, etc.

Before we advance the project, LAN will meet with the client and their key personnel as required to define the program, conceptualize the design, and review next steps. If necessary, LAN will include community engagement to connect the project with the community in a collaborative manner.

LAN will visit the property to photograph and document key features integral to the project design. During this phase, LAN will perform a cursory review of key architectural, structural and mechanical/electrical components that may influence the design and cost. The purpose of the site visit is to investigate the existing conditions.

Conflicts and obstacles are quickly identified, and alternate solutions examined. Construction phasing is examined to further inform system selections and costs. Impacts on site disturbance and land-use are identified and appropriate steps are taken to mitigate or begin the permit process to avoid schedule delays.



Design Development

The engineering team refines documents with input from all disciplines. Details of systems are examined and reviewed for conformance with the project goals, expectations, and budget. If necessary, realignment of system selections, project scope and budget is implemented. Drawings are shared for coordination of systems and interdependency requirements. LAN will work collaboratively with the client to explore multiple schematic design concepts and determine the ideal solution that meets the client's program requirements, goals and expectations.

As lead times challenges and unprecedented inflation continue to unfold, this Phase requires each discipline's team leader to contact contractors we regularly work with, our internal construction administrators, and product representatives to verify product availability and potential price increases which impact the budget and/or schedule. Depending on the insight received, LAN will re-assess the system and product selections, or if unavoidable will revise the proposed budget and/or project schedule prior to meeting with the client to review and adjust the project path.



Construction Documents

LAN performs regular coordination and compliance reviews of drawings and detailed system documents. Sequences of installation are reviewed, and if system selections/products are revised their lead time are assessed, and their effects on the schedule presented. If required, alternates are identified and implemented. A final QA/QC review is conducted by the Project Manager and Executive prior to bidding to ensure that all changes are completed in full.



Bidding

LAN chairs all pre-proposal meetings, collects, and responds to contractor RFIs and requests for substitutions. All items are distributed by discipline to the responsible team members for their review and input, and responses are coordinated through LAN's Project Manager to ensure conformance with the construction documents. Bid results are reviewed amongst the team, and prior experience with proposed contractors for recommendation prior to bid award.



Construction Administration

LAN chairs all construction meetings and manages all RFIs and submittals, distributing them to the team for review and approval. Job meeting minutes are circulated to all parties for their information and/or comment. Attendance by team members at construction meetings is based upon the work being performed. Site visitations are held by LAN with specific system review done by personnel as warranted by the construction progress. Punchlist and final document review are done by respective personnel and fully coordinated by LAN.

SUSTAINABILITY

LAN has over 17 in-house LEED accredited professionals including LEED accredited professionals specializing in Building Design and Construction (BD+C) who can incorporate "green design" into your project. There are a variety of options and strategies we can employ to contribute to LEED points, as well as helping to reduce operating costs compared to baseline equipment selections.

LAN incorporates various energy-efficient strategies in all of our projects, whether LEED designed or not, in fact HVAC systems account for the greatest share of the energy costs in most buildings. LAN will design this project using the LEED principles without incurring the cost of the certification documentation.

QUALITY CONTROL & QUALITY ASSURANCE

Quality control and assurance (QA/QC) is an imperative, multi-step process that involves ongoing document review by all team members. First handled by the Discipline Leader for their respective discipline, then by the Project Architect/Engineer as an overall coordinated set of documents and finally by the Project Manager. This multi-layered approach minimizes errors, omissions, and discrepancies which often lead to potential construction change orders or delays.





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FEES

ATTACHMENT 1

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

DATE: May 27, 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 27th day of May, 2025

LAN Associates, Engineering, Planning,
Architecture, Surveying, Inc.

Name of Firm

Ronald M. Panicucci, CEO/Treasurer

Please Print Name and Title

445 Godwin Avenue, Suite 9

Street Address of Firm

Signature of Authorized Officer

Midland Park, NJ 07432

State, Zip Code

(201.447.6400)

Telephone Number

(201.447.1233)

Fax Number

(ronald.panicucci@lanassociates.com)

Email Address

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

FEES

We are able to provide a services based on our below hourly rates or as a fixed fee. Hourly rates include direct labor, overhead, general and administrative costs, local travel, and profit. Our hourly rate schedule would apply for consulting services such as energy conservation evaluation, grant writing, master plans, spatial needs studies, emergency response, and similar measures.

SCHEDULE A

	Construction Cost				
	< \$100K	\$100K to \$1M	\$1M to \$5M	\$5M to \$10M	> \$10M
Renovations	8%	7%	6.50%	6%	5.75%
New Construction	7.50%	6.50%	6%	5.50%	5%
Combined	7.75%	6.75%	6.25%	5.75%	5.38%

	Payment Schedule				
	Programming/ Concept	Schematic Design	Design Development	Construction Documents	Bidding
Fee	15%	20%	20%	40%	5%

Construction Administration fees are generally 2% to 3% of construction cost, depending upon the type of project and the level of service required.

Reimbursable Expenses:

Out-of-pocket expenses such as reproduction costs (other than those outlined above) will be billed at actual cost plus 18% markup. Other expenses not included in the basic A/E fee include:

- Overnight deliveries
- Fees paid for securing approvals from Authorities Having Jurisdiction
- Laboratory analysis, sampling and testing
- Hazardous sampling and testing
- Professional Testimony

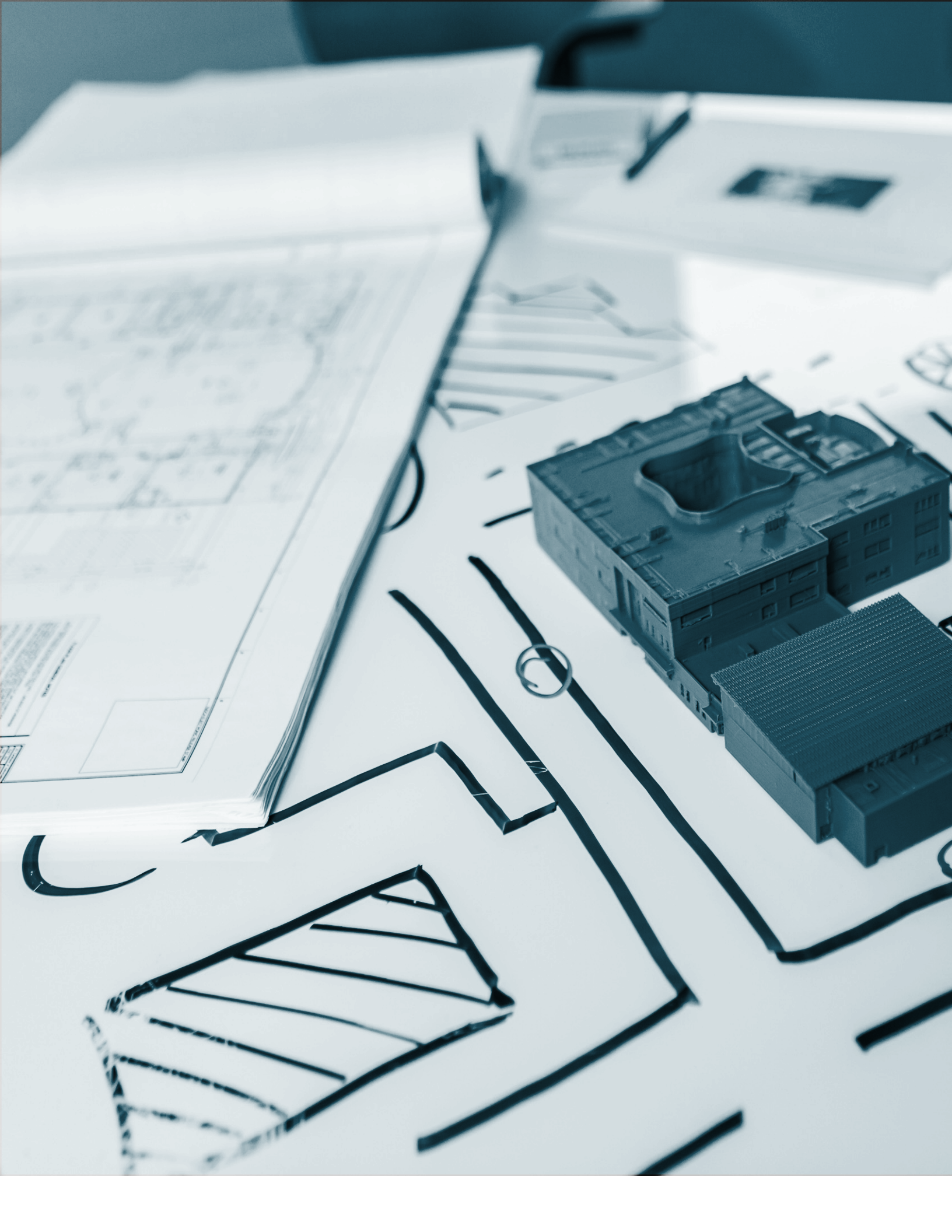
Fixed fee proposals are usually prepared for individual projects involving renovations, alterations, and any projects associated with construction. These projects will be based on the construction cost rate schedule below and include projects such as interior renovations, design of playground facilities, and new construction.

SCHEDULE B

Job Description	(\$)/Hour Year 1	(\$)/Hour Year 2
Principal	225	230
Vice Principal	200	205
Project Manager/ Associate	175	180
Project Architect	150	155
Architectural Designer	100	105
Construction Observer	100	105
Senior Drafter	80	85
Drafter	55	60
Office Manager	90	95
Clerical	55	60

SCHEDULE C

LAN does not require specific contract terms or rider, nor take exception to any of the contract terms set forth in the RFP.





X ATTACHMENTS

ATTACHMENT 3

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

Insert N.J. Business Registration Certificate

STATE OF NEW JERSEY
Certificate of Authority

DIVISION OF TAXATION
TRENTON, N.J. 08695

The person, partnership or corporation named below is hereby authorized to collect:

NEW JERSEY SALES & USE TAX

pursuant to N.J.S.A. 54:32B-1 ET SEQ.

This authorization is good ONLY for the named person at the location specified herein.
This authorization is null and void if any change of ownership or address is reflected.

LAN ASSOCIATES, ENGINEERING, P
445 GODWIN AV
MIDLAND PARK, NJ 07432

Tax Registration No.: 221-855-328/000

Tax Effective Date: 01-02-74

Document Locator No.: A0000368794

Date issued: 04-09-01

Robert K. Thompson
Director, Division of Taxation

This Certificate is NOT assignable or transferable. It must be conspicuously displayed at above address.

STATE OF NEW JERSEY
BUSINESS REGISTRATION CERTIFICATE
FOR STATE AGENCY AND CASINO SERVICE CONTRACTORS

DEPARTMENT OF TREASURY/
DIVISION OF REVENUE
PO BOX 292
TRENTON, N.J. 08646-0252

TAXPAYER NAME:

LAN ASSOCIATES, ENGINEERING, PLANNING, A

TAXPAYER IDENTIFICATION#:

221-855-328/000

ADDRESS:

445 GODWIN AV
MIDLAND PARK, NJ 07432

EFFECTIVE DATE:

07/31/68

FORM-BRC(08-01)

TRADE NAME:

SEQUENCE NUMBER:

0064326

ISSUANCE DATE:

02/05/04

John S. Tully
Acting Director

This Certificate is NOT assignable or transferable. It must be conspicuously displayed at above address.



STATE OF NEW JERSEY BUSINESS REGISTRATION CERTIFICATE

Taxpayer Name:	LAN ASSOCIATES, ENGINEERING, PLANNING, ARCHITECTURE, SURVEYING, INC.
Trade Name:	
Address:	445 GODWIN AV MIDLAND PRK, NJ 07432-1507
Certificate Number:	0064326
Effective Date:	July 31, 1968
Date of Issuance:	January 02, 2024

For Office Use Only:

20240102103813656

ATTACHMENT 4

NON-COLLUSION AFFIDAVIT

STATE OF NEW JERSEY

COUNTY OF Morris

SS: 22-1855328

I, Ronald M. Panicucci of the ~~City of~~ Borough of North Haledon,
(Name of Authorized Officer)

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

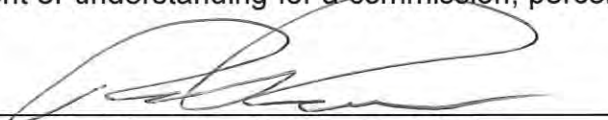
I am CEO/Treasurer of LAN Associates, Engineering, Planning, Architecture, Surveying, Inc.
(Title or Position) (Name of Firm)

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.

LAN Associates, Engineering, Planning,
Architecture, Surveying, Inc.

Name of Firm



Signature of Authorized Officer

Ronald M. Panicucci, CEO/Treasurer

Subscribed and sworn to before me
this 27th day of May, 20 25

Affix Notary Seal:


(Notary Public's Signature)

Jessica M. Sancho

Jessica M. Sancho
NOTARY PUBLIC
State of New Jersey
ID # 50136772

My Commission Expires 9/9/2025



My commission expires: September 9, 2025

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.

LAN Associates, Engineering, Planning, Architecture, Surveying, Inc.

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 <u>not</u> 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
	Ronald M. Panicucci	281 Saw Mill Road North Haledon, NJ 07508
	Stephen J. Secora	377 Annette Court Wyckoff, NJ 07481

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.

Ronald M. Panicucci

AUTHORIZED AGENT - PRINT NAME

SIGNATURE

CEO/Treasurer

TITLE

May 27, 2025

DATE

LAN Associates, Engineering, Planning, Architecture, Surveying, Inc.

VENDOR NAME

445 Godwin Avenue, Suite 9, Midland Park, NJ 07432

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: LAN Associates, Engineering, Planning, Architecture, Surveying, Inc.

Name of Contractor

445 Godwin Avenue, Suite 9 Midland Park NJ 07432
Address City State Zip

BIDDER/AFFIANT:

Signature

Ronald M. Panicucci, CEO/Treasurer

Print name and title below signature

445 Godwin Avenue, Suite 9

Address

Midland Park, NJ 07432

Sworn and subscribed to me on
this 12th day

of the Month of May, 2025


Notary Public of New Jersey
Jessica M. Sancho

My Commission Expires: September 9, 2025

Jessica M. Sancho

NOTARY PUBLIC

State of New Jersey

ID # 50136772

My Commission Expires 9/9/2025

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.

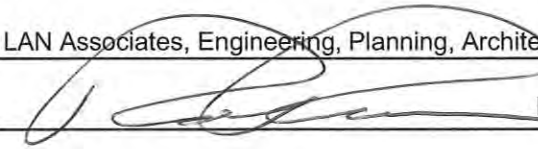
The following questions must be answered by all Vendors:

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: LAN Associates, Engineering, Planning, Architecture, Surveying, Inc.

SIGNATURE:  Ronald M. Panicucci

TITLE: CEO/Treasurer

DATE: May 27, 2025

Certification **9747**

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-Mar-2023** to **15-Mar-2026**

LAN ASSOCIATES, ENGINEERING, PLANT

445 GODWIN AVENUE

MIDLAND PARK

NJ 07432



A handwritten signature in black ink, reading "Elizabeth Maher Muoio".

ELIZABETH MAHER MUOIO
State Treasurer

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/trasury/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.

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

RFP SOLICITATION # AND TITLE: RFP2425-56DD - MEP, Structural, Or Civil Engineering Services 2025 - 2026

VENDOR NAME: LAN Associates, Engineering, Planning, Architecture, Surveying, Inc.

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.

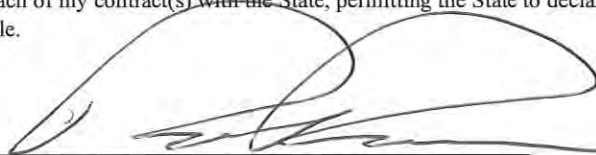
Entity Engaged in Investment Activities
Relationship to Vendor/ Bidder
Description of Activities

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.



May 27, 2025

Signature

Date

Ronald M. Panicucci, CEO/Treasurer

Print Name and Title

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: LAN Associates, Engineering, Planning, Architecture, Surveying, Inc.

By: 
(Print Name and Title below Signature) Ronald M. Panicucci, CEO/Treasurer

1. Name and Address : Montclair State University, Mr. Henry Ornovitz, Senior Project Manager

1 Normal Avenue, Montclair, NJ 07043

Telephone No.: 973.655.7972

2. Name and Address of Owner: Rowan University, Mr. Tony Kula, Project Manager

Shpeen Hall, 3rd Floor, 40 North Academy Street, Glassboro, NJ 08028

Telephone No.: 856.256.4948

3. Name and Address of Owner: Fairleigh Dickinson University, Mr. Richard Frick, VP for Facilities

1000 River Road, H-CF2-01, Teaneck, NJ 07666

Telephone No.: 201.692.2788

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.

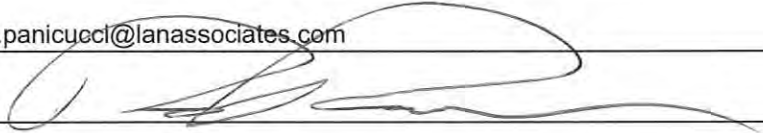
Company Name LAN Associates, Engineering, Planning, Architecture, Surveying, Inc.

Address 445 Godwin Avenue, Suite 9

City Midland Park State NJ 07432

Telephone 201.447.6400 Fax 201.447.1233

Email Address ronald.panicucci@lanassociates.com

Authorized Signature 

Printed Name Ronald M. Panicucci, CEO/Treasurer

Date May 27, 2025

This form must be returned with your bid/proposal

**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.

Before you begin. For guidance related to the purpose of Form W-9, see *Purpose of Form*, below.

Print or type. See Specific Instructions on page 3.	1 Name of entity/individual. An entry is required. (For a sole proprietor or disregarded entity, enter the owner's name on line 1, and enter the business/disregarded entity's name on line 2.) LAN Associates, Engineering, Planning, Architecture, Surveying, Inc.		
	2 Business name/disregarded entity name, if different from above. 		
	3a Check the appropriate box for federal tax classification of the entity/individual whose name is entered on line 1. Check only one of the following seven boxes. ☐ Individual/sole proprietor ☒ C corporation ☐ S corporation ☐ Partnership ☐ Trust/estate ☐ LLC. Enter the tax classification (C = C corporation, S = S corporation, P = Partnership) _____ Note: Check the "LLC" box above and, in the entry space, enter the appropriate code (C, S, or P) for the tax classification of the LLC, unless it is a disregarded entity. A disregarded entity should instead 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 Foreign Account Tax Compliance Act (FATCA) reporting code (if any) _____ (Applies to accounts maintained outside the United States.)	
	3b If on line 3a you checked "Partnership" or "Trust/estate," or checked "LLC" and entered "P" as its tax classification, and you are providing this form to a partnership, trust, or estate in which you have an ownership interest, check this box if you have any foreign partners, owners, or beneficiaries. See instructions _____ ☐		
	5 Address (number, street, and apt. or suite no.). See instructions. 445 Godwin Avenue, Suite 9 6 City, state, and ZIP code Midland Park, NJ 07432 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. See also *What Name and Number To Give the Requester* for guidelines on whose number to enter.

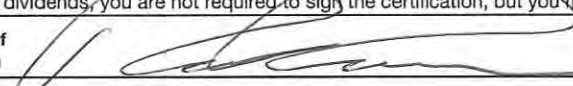
Social security number									
			-						
or									
Employer identification number									
2	2	-	1	8	5	5	3	2	8

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 May 27, 2025
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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.

What's New

Line 3a has been modified to clarify how a disregarded entity completes this line. An LLC that is a disregarded entity should check the appropriate box for the tax classification of its owner. Otherwise, it should check the "LLC" box and enter its appropriate tax classification.

New line 3b has been added to this form. A flow-through entity is required to complete this line to indicate that it has direct or indirect foreign partners, owners, or beneficiaries when it provides the Form W-9 to another flow-through entity in which it has an ownership interest. This change is intended to provide a flow-through entity with information regarding the status of its indirect foreign partners, owners, or beneficiaries, so that it can satisfy any applicable reporting requirements. For example, a partnership that has any indirect foreign partners may be required to complete Schedules K-2 and K-3. See the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS is giving you this form because they

State Of New Jersey
New Jersey Office of the Attorney General
Division of Consumer Affairs

THIS IS TO CERTIFY THAT THE
Board of Prof. Engineers & Land Surveyors

HAS LICENSED

Thomas Wighard
445 Godwin Ave
Suite 9
Midland Park NJ 07432

FOR PRACTICE IN NEW JERSEY AS A(N): Professional Engineer

02/21/2024 TO 04/30/2026
VALID

24GE04901100
LICENSE/REGISTRATION/CERTIFICATION #

[Signature]
Signature of Licensee/Registrant/Certificate Holder

[Signature]
ACTING DIRECTOR

State Of New Jersey
New Jersey Office of the Attorney General
Division of Consumer Affairs

THIS IS TO CERTIFY THAT THE
Board of Architects

HAS LICENSED

Thomas Wighard
102 Seminole Avenue
Oakland NJ 07436

FOR PRACTICE IN NEW JERSEY AS A(N): Registered Architect

07/14/2023 TO 07/31/2025
VALID

21A102276900
LICENSE/REGISTRATION/CERTIFICATION #

[Signature]
Signature of Licensee/Registrant/Certificate Holder

[Signature]
ACTING DIRECTOR

State Of New Jersey
New Jersey Office of the Attorney General
Division of Consumer Affairs

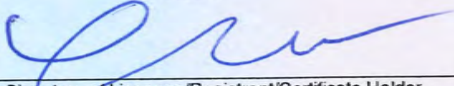
THIS IS TO CERTIFY THAT THE
Board of Prof. Engineers & Land Surveyors

HAS LICENSED

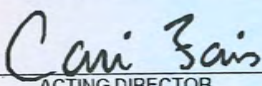
Yogesh A. Shah
418 Brittany Drive
Wayne NJ 07470

FOR PRACTICE IN NEW JERSEY AS A(N): **Professional Engineer**

03/04/2024 TO 04/30/2026
VALID


Signature of Licensee/Registrant/Certificate Holder

24GE04426400
LICENSE/REGISTRATION/CERTIFICATION #


ACTING DIRECTOR



License Information

Accurate as of March 28, 2024 7:56 AM

[Return to Search Results](#)

Name: HUGO A PINTO

Address: WHARTON,NJ

Profession/License Type: Engineers & Land Surveyors,Professional Engineer

License No: 24GE04326100

License Status: Active

Status Change Reason:

Issue Date: 9/27/2001

Expiration Date: 4/30/2026

SPL:



NEW JERSEY DIVISION OF CONSUMER AFFAIRS

Cari Fa
Acting Direct
Read E

License Information

Accurate as of May 01, 2024 11:40 AM

[Return to Search Results](#)

Name: JUSTIN PROVENCHER

Address: Ringwood,NJ

Profession/License Type: Engineers & Land Surveyors,Professional Engineer

License No: 24GE05659300

License Status: Active

Status Change Reason: License Issuance

Issue Date: 3/23/2021

Expiration Date: 4/30/2026

SPL: New Jersey

State Of New Jersey
New Jersey Office of the Attorney General
Division of Consumer Affairs

THIS IS TO CERTIFY THAT THE
Board of Prof. Engineers & Land Surveyors

HAS LICENSED

Elizabeth M. Bouvier
445 Godwin Avenue
Midland Park, NJ 07432

FOR PRACTICE IN NEW JERSEY AS A(N): Professional Engineer

02/29/2024 TO 04/30/2026
VALID

24GE04808800
LICENSE/REGISTRATION/CERTIFICATION #

Signature of Licensee/Registrant/Certificate Holder

Cari Fa

ACTING DIRECTOR

The Board for Global EHS Credentialing (BGC)

through its vested authority, hereby confirms that

Elizabeth M. Bouvier

has met all requirements of education, experience, and examination, and on-going maintenance set forth through the BGC's American Board of Industrial Hygiene® (ABIH®) credentialing division for re-certification in the Comprehensive Practice of Industrial Hygiene and is thereby conferred the credential of

Certified Industrial Hygienist® (CIH®)

The aforementioned individual is given all rights, privileges, and responsibilities as both a diplomate of the BGC and holder of the CIH credential, provided that the credential is not suspended or revoked, and it is renewed annually. Moreover, the holder must meet all recertification requirements, including the obligation to practice ethically as prescribed by the BGC.



Credential Number: 9813 CP

Award Date: October 4, 2010

Expiration Date: June 1, 2026

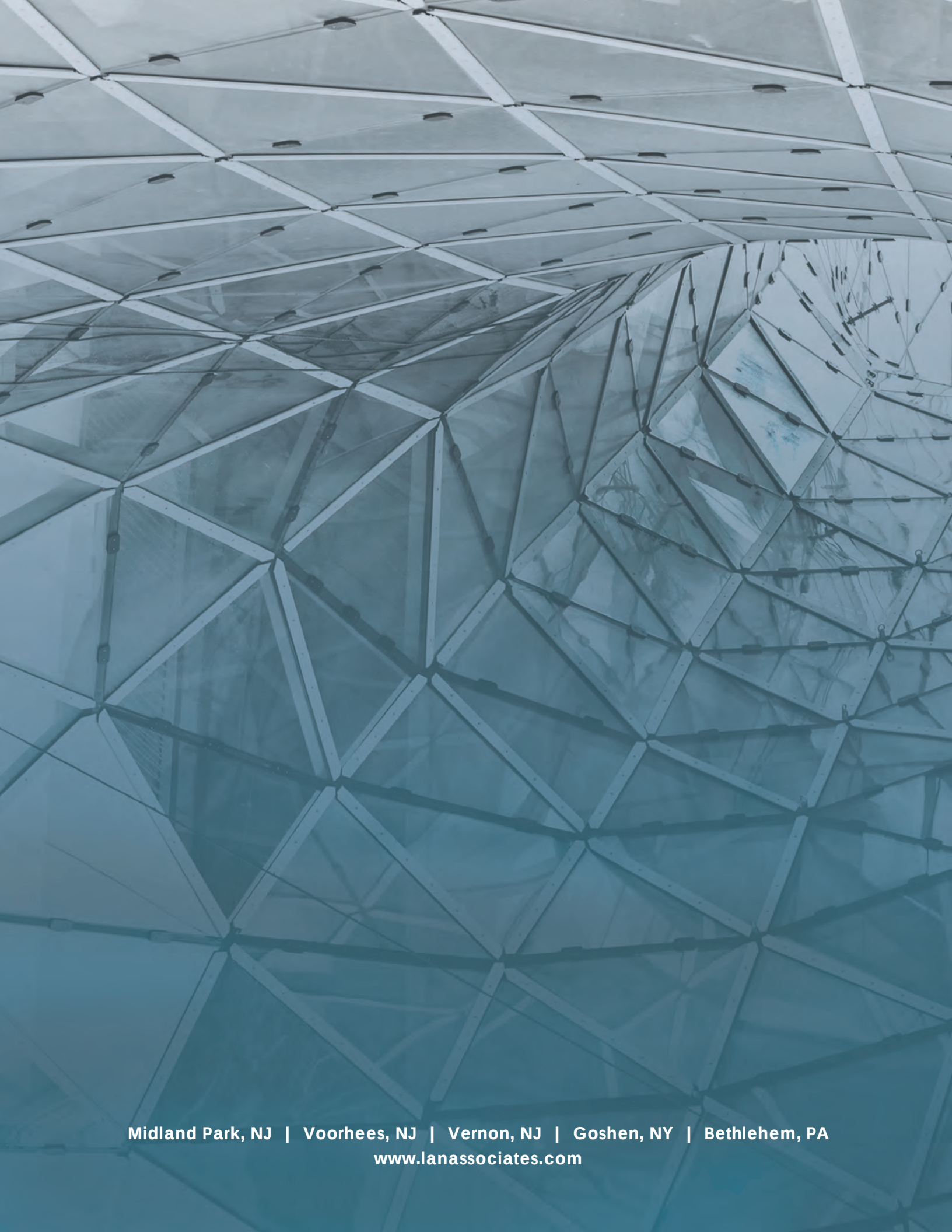
A handwritten signature in black ink, appearing to read "Alan Leibowitz", written over a horizontal line.

Alan Leibowitz, CIH, CSP, FAIHA
Chair of the Board of Directors

A handwritten signature in black ink, appearing to read "Ulric K. Chung", written over a horizontal line.

Ulric K. Chung, MCS, PhD
Chief Executive Officer and Secretary





Midland Park, NJ | Voorhees, NJ | Vernon, NJ | Goshen, NY | Bethlehem, PA
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