

# LAN

LAN ASSOCIATES

## ENGINEERING PLANNING ARCHITECTURE SURVEYING

### LICENSES & CERTIFICATIONS

Professional Engineer  
NJ # 24GE04901100 / NY # 090385-1  
PA # PE085994 / DC # PE906876  
FL # 75275



High Performance Building Design  
Professional (HBDP)

LEED Accredited Professional, BD+C  
License #10915321

### AWARDS & ACHIEVEMENTS

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)

American Society of Plumbing Engineers  
(ASPE)

ACECNJ, Buildings & Facilities Committee,  
Chair

U.S. Green Building Council

Mitsubishi HVAC Diamond Designer

Titus University, Consulting Engineering  
Training

Captive Aire, Commercial Kitchen Ventilation  
Training

### PRESENTATIONS/PUBLICATIONS

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

### 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

VICE PRESIDENT  
PE, HBDP, LEED® AP BD+C

### EXPERIENCE

As Vice President of LAN Associates, Mr. Wighard is responsible for the management of the mechanical, electrical, and plumbing (MEP) engineering departments.

Mr. Wighard has over sixteen years of experience in the industry and is involved with numerous heating, ventilation and air conditioning (HVAC), plumbing, fire protection, and medical gas projects for both new construction and renovation/upgrades. Mr. Wighard services a variety of public and private clients including boards of education, commercial, industrial, mission critical, municipal, hospitality, ecclesiastical, healthcare, and public housing.

As an Engineer, 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

#### Education: K-12

- Edison BOE
- Fair Lawn BOE
- Mamaroneck Union Free School District
- Newark Public Schools
- Plainfield BOE
- Ramapo Indian Hills Regional HS District
- Ramsey BOE
- Ridgewood BOE

#### Education: Higher Ed

- Fairleigh Dickinson University
- Montclair State University
- William Paterson University

#### Housing: Multi-Family

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

#### Industrial

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

#### Ecclesiastical

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

#### Commercial:

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

#### Hospitality

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

#### Food Service

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

#### Senior Living

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

#### Medical

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

#### Municipal

- Orange County
- Passaic County
- Stamford, CT
- Sussex County
- Township of Wayne

#### Volunteer

- Habitat for Humanity of Greater Newburgh