

INDUSTRIAL &
COMMERCIAL
DESIGN SERVICES



SILVER/**PETRUCELLI**+ASSOCIATES
Architects / Engineers / Interior Designers

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Multi-disciplined. The strength of the firm rests on an in-house staff of 50 talented architects, designers, engineers, interior designers, specification writers, and construction administrators.

Experienced. We are experienced in design of commercial and industrial facilities including adaptive reuse and retrofitting of existing buildings for new business uses which often require process and code conformance improvements, building system modifications and window/roof replacements.

Industry Recognized. We are award-winning designers and ranked #265 on Architectural Record's list of *Top 300 Architecture Firms*, a highly regarded industry publication. The firm has been part of this distinguished list for five consecutive years.

Green. The firm is a member of the United State Green Building Council (USGBC) and eight (8) staff members hold LEED® credentials demonstrating our commitment to sustainable design solutions that are environmentally responsive and resource efficient.



Design Resources. We are supported by leading edge computing and workplace technology. Advanced 3D technologies such as Revit, are fully integrated in house to enhance both design and construction.

Strong Service Delivery. We are proud of our reputation for on-time, on-budget delivery of quality designs and documents. This strong service orientation has earned the firm dozens of repeat contracts where we have successfully demonstrated our design diversity, estimating acuity, and responsiveness.



▲ Radiall Corporation Consolidation
New Haven, CT
(Connectors and Components)



▲ Thimble Islands Brewery Process Design
Branford, CT
(Micro-brewery Facility)



▲ GKN Aerospace Process Design
Cromwell, CT
(Aerostructures and Engine Systems)



▲ United Illuminating Office Relocation
Shelton, CT
(Electric Utility)



▲ SecureMark Plant Relocation
Trumbull, CT
(High Security Holographic Product Protection)



▲ Rosabianca Winery
Northford, CT
(Schematic Design for New Winery)



▲ Kleen Energy Pump Systems & Housing
Middletown, CT
(Power Generation)



▲ Enthone Master Planning
West Haven, CT
(Metal Coating and Precious Metals Refining)



▲ CubeSmart
North Haven, CT
(New Self-Storage Facility)



▲ Trumpf U.S. Improvements
Farmington, CT
(Sheet Metal Fabricating Equipment & Lasers)



Rochester Electronics is the world's most comprehensive solution for mature and end-of-life semiconductors. The firm purchases all available semiconductor finished goods, wafer/die and tooling once a service is discontinued. Wafers and dies are stored in a clean environment and the firm assembles components into a variety of packages. Once assembled, devices are tested in a test and burn lab. The company also provides contract assembly and test/burn-in services for other manufacturers. Rochester Electronics operates from offices in Munich, Germany; Cambridgeshire, England; Tokyo, Japan; Shanghai, China; Rockville, MD USA and Newburyport, MA USA



▲ Polycast Corporation Expansion
Stamford, CT
(Cell Cast Acrylic Manufacturing)

The firm chose Newburyport, MA to construct a new 75,000 square foot Worldwide Corporate Headquarters for its 530 employees. The building included a 20,000 square foot test lab, a failure analysis lab, an expanded burn-in test lab, a 10,000 square foot secure die bank and a state-of-the-art company gym.

The first floor of the building included a 20,000 s.f. test lab, a burn-in test lab, a 10,000 s.f. secure die bank, failure analysis lab, shipping and receiving, and mechanical space. Space was allocated for reception, conference, cafeteria, exercise, and an eight-car parking garage.

The second floor contained enclosed offices along the perimeter along the north and south facing sides, conference rooms along the front and open office spaces on the east and interior. There were also enclosed meeting rooms, an elevator core, men's and ladies rooms, storage, and future office space allocations in the interior space of the second floor.

Due to the uniqueness of the business and its requirements, HVAC systems and characteristics included variable air volume (VAV) rooftop air handling units, central boiler plant, water-cooled centrifugal chiller, cooling tower, variable frequency drives for fan and pump motors, control of ventilation air through carbon dioxide monitoring, complete energy management system, humidification of testing space, and Class 100,000 clean room environment.



▲ MacDermid Warehouse Improvements
Waterbury, CT
(Photoresist and Reactive Chemicals)

The local conservation commission required the creation of an extensive area of new wetlands to replicate existing wetlands disturbed by the development. Close coordination with the electric utility (National Grid) resulted in substantial incentive payment for energy conservation measures.





Dean A. Petrucci, AIA
*Principal &
Vice President*

David J. Stein, AIA
*Principal &
Project Manager*

Robert R. Banning, P.E.
*Principal &
Chief Electrical Engineer*

William R. Silver, AIA
*Principal &
President*

**Kenneth J. Sgorbati, P.E.,
LEED AP**
*Principal &
Engineering Manager*

Professional Registrations

- ▶ Architect: CT
- ▶ Interior Designer: CT

Education

- ▶ B.S. Architectural Engineering Technology, NY Institute of Technology
- ▶ A.S. Architectural Engineering, Norwalk State Technical College

Professional Registrations

- ▶ Architect: CT, VT, NY
- ▶ Interior Designer: CT

Education

- ▶ B. Arch., Pratt Institute
- ▶ A.S. Architectural Engineering, Norwalk State Technical College
- ▶ Summer Program, Rhode Island School of Design
- ▶ Design Certificate, University of Copenhagen

Professional Registrations

- ▶ Engineer: CT, MA

Education

- ▶ B.S. Electrical Engineering, University of Connecticut
- ▶ A.S. Nuclear Technology, Thames Valley Technical College

Professional Registrations

- ▶ Architect: CT, NY, RI, MA, MD, NH, NJ, ME, PA
- ▶ Interior Designer: CT
- ▶ Historical Architect: CT State Historic Commission

Education

- ▶ M. Arch., Rensselaer Polytechnic Institute
- ▶ Certificate, Architectural Association, London, England
- ▶ B. Environmental Design, Miami University (Ohio)

Professional Registrations

- ▶ Engineer: CT, NY, MA, RI, NJ, PA, DE, MD, VA, OH, FL, ME, NH, VT

Education

- ▶ B.S. Mechanical Engineering, University of Connecticut (Pi Tau Sigma Honor Fraternity)
- ▶ The Hartford Graduate Center, Courses in Engineering
- ▶ Professional seminars offered by ASHRAE, NFPA and ASPE

