



Peter J. Arsenault AIA, NCARB, LEED® AP
Architect and Sustainability Consultant

Peter has managed design teams and brought green and sustainable principles to notable projects throughout the United States for commercial corporations, government agencies, not-for-profit associations, and private clients as well as for educational, health care, and religious institutions. He is a licensed architect, a LEED Accredited Professional and a National Council of Architectural Registration Boards certificate holder with over 30 years of diversified experience in sustainable building design, consulting, and planning.

Peter currently serves on the National Board of Directors of the American Institute of Architects (AIA) as National Vice President, also serving in the past as president of the New York State and Central New York Components of the AIA. He is a member of the US Green Building Council and served as charter president of a green advocacy organization known as Greening USA.

EDUCATION



Syracuse University, Syracuse, New York Bachelor of Architecture, 1977 concurrent with Bachelor of Arts in Sociology, 1977 (urban design concentration)

REGISTRATIONS

Registered Architect #16700, State of New York

NCARB Registered Architect #35908, National Council of Architectural Registration Boards

LEED-AP LEED® Accredited Professional, U.S. Green Building Council

PROFESSIONAL ASSOCIATIONS



American Institute of Architects AIA
National Vice President 2008-2009



U.S. Green Building Council (USGBC), member



GreeningUSA, Charter President



Society of Building Science Educators, Member

PROFESSIONAL EXPERIENCE

PJA-Arch Peter J. Arsenault, Architect, Syracuse, New York, 1985 - present
Principal in private practice of architecture and sustainability consulting

stantec Stantec Architecture, Inc., Rochester, New York, 2006 - 2008
Managing Principal, Practice Leader, and sustainability consultant interfacing with multiple offices in US and Canada

MDA Metropolitan Development Association, Syracuse, New York 1999 - 2004
Project Director managing large scale publicly funded projects

NKB N.K. Bhandari, Consulting Engineers, PC, Syracuse, New York 1989 - 1998
Vice President of Architectural Services for mid-size architecture and engineering firm

Synertech Synertech Systems Corporation, Syracuse, New York, 1983 - 1985
Co-founder and Chief Executive Officer of energy research and development company

one design One Design Inc., Winchester, Virginia 1980 - 1982
Vice President of Architecture directing innovative energy and building research and design projects

PROJECT EXPERIENCE

Sustainable Community Planning Projects



Upstate Green Community

Brockport, New York

Planning and public charette process for a new LEED®-ND neighborhood development in Brockport, NY, for private developers.



AIA Sustainable Design Assessment Team (SDAT) Team Leader for a national

program of the American Institute of Architects with sustainability assessments, analysis, and reports prepared for multiple cities / regions around the United States including Western Massachusetts, Northern Nevada /Lake Tahoe, Eastern Iowa, Kaua'i, Hawaii, and Central New York State .



USGBC "Greenprint" for Rochester, Rochester, New York

Facilitation of actionable items to promote Rochester NY's sustainable and environmentally responsible initiative in conjunction with then US Senator Hillary Rodham Clinton's office and USGBC.

CNU Cicero Community Campus

\$100 million new mixed use public/private community center consisting of recreation, center buildings, senior housing and center, plus multiple commercial and residential buildings all on 100 acres of land using Congress for New Urbanism (CNU) principles.



AIA A sustainable vision for Hubbard Park, Suffolk, NY

Served as overall facilitator for community based charrette for "The Duck Project"

Institutional / Governmental Projects

Central New York Regional Market, Syracuse, New York - *Project Director for a publicly funded \$ 8.4 million renovation of a 60 year old historic, functioning regional and farmer's market facility including wholesale, retail and administration support buildings*



Bronx Terminal J - Bronx, New York
Renovation of a historic building owned by the City of New York adjacent to Yankee Stadium in New York City LEED® Core and Shell Silver Target.

Hanscom Air Force Base, Lenox, MA

Two year contract with the US Air Force involving renovation and upgrade of air base buildings including environmental improvements

Oneonta NY Job Corps Center,

Two year renewable contract with the US Department of Labor for renovation and improvements to campus of buildings

Glenmont Job Corps Center, Albany, New York

Two year renewable contract with the US Department of Labor for campus improvements, infrastructure upgrades and environmental remediation

US Postal Service Northeast Area Office, Windsor, CT

Two (2) year contracts, renewed to six years total, with over 95 individual projects for a variety of interior and exterior building renovations, additions, and upgrades at major Post Office facilities (Processing and Distribution Centers) throughout New York State and parts of New England.

US Army Corps of Engineers, New York

Three separate contracts with the New York District of the Army Corps of Engineers and Fort Drum including 63 individual projects for building renovations, additions, and upgrades at Fort Drum and US Army Reserve Centers

Corporate / Office Projects



Continental Airlines, Newark, New Jersey
LEED® consultant for a new 50,000 s.f. training and medical facility at Newark Liberty International Airport - LEED® Silver Target



New York City Hall, New York, NY
Renovation of city hall office building pursuing LEED® for Existing Buildings

Carrier Corporation, Syracuse, New York
Major manufacturing plant and office relocation project in North Carolina.

Schoeller Technical Papers, Pulaski, New York
20,000 square foot office addition to existing high-tech paper plant and office.

Drott Drive Industrial Park, East Syracuse, New York
Master plan for six individual light manufacturing and office buildings.

Pilot Energy Corp., Long Island City, New York
Renovation of offices and support facility including daylighting and energy improvements.

Church Projects

Bethlehem Temple Church Renovation, Syracuse, New York
200 seat church renovation study.

Christ the King Retreat House, Syracuse, New York
100 seat chapel expansion and renovation as part of facility upgrade and energy improvements.

St. Margaret's Church
New 600-seat Roman Catholic Church blending into existing church campus on a major thoroughfare

Education Projects



Penn State University-North Frear Laboratory Renovation, University Park, Pennsylvania
Renovation design of the 70 year old, 60,000 sq. ft. North Frear science laboratory building - targeted for LEED® Certification Standards



Cornell Lake Erie Research and Extension Laboratory, Portland, New York
Prepare final design of a new \$5,400,000 grape research and extension facility supporting the needs of growers, processors and higher education research – targeted to LEED® Certification Standards

SUNY Brockport, Brockport, New York
Renovation and expansion of Harrison Dining Hall including energy improvements

Rochester City School District, Rochester, New York
Renovation and expansion of School #33 and the creation of a new Ryan Community Center

Pulaski Academy & Central School, Pulaski, New York
Renovation and expansion of three school buildings in the northern New York district, including energy improvements.

SUNY College at Morrisville, Morrisville, New York
6,000 sq. ft. addition to the Wood Technology Building including programming design and cost analysis

SUNY College of Environmental Science and Forestry, Syracuse, New York
Multiple projects for the interior and exterior renovation of campus buildings including building envelope improvements, interior upgrades and energy improvements

Expert Testimony / Witness Experience

Stanley Law Offices, Syracuse, New York
Building and code analysis for over 100 cases for plaintiffs

Harris and Panels, Syracuse, New York
Building and code reviews for multiple cases for plaintiffs.

Green, Hershendorfer, and Sharpe, Syracuse, NY
Building systems analysis and code compliance reviews.

Food & Beverage Projects

G&L Davis Meat Co., Inc.
Expansion and upgrade of meat and food processing plant including energy, equipment and interiors upgrades

US Postal Service, New York and New England*
Kitchen and cafeteria upgrades and major facilities.

US Army Reserve Centers, New York
Commercial kitchen upgrades.

Alpha Chi Omega Sorority, Syracuse, New York
Kitchen and dining room renovation

The Regency Grille, Syracuse, New York
Complete renovation and change of theme for an existing restaurant.

Deckers Veal & Vintage Restaurant, Syracuse, New York
New restaurant in an adaptive-re-use/mixed-use building in urban setting

Healthcare Projects

Oswego Hospital, Oswego, NY
Interior renovations and remodeling of existing community hospital

Veterans Affairs Medical Center, Canandaigua, New York
Exterior building renovations and patient ward renovations, including building envelope and energy related improvements.

Veterans Affairs Medical Center, Bath, New York
Exterior Building Envelope Renovations

Finger Lakes Developmental Disabilities Services Office, Newark, New York*
Multiple building demolition and associated campus re-design.

Mohawk Valley Psychiatric Center, Utica, New York
Responsible for three projects - building demolition and utility relocation, a new transportation garage, and a new central maintenance facility

Historic Preservation/Restoration Projects

NYS Office of Parks, Recreation and Historic Preservation
Multiple projects required to meet Historic Preservation Standards in designated state parks.

Alpha Chi Omega Sorority House, Syracuse, New York
Historic Register Building with multiple interior and exterior restorations

Central New York Regional Market, Syracuse, New York - *Project Director for a publicly funded \$ 8.4 million renovation of a 60 year old historic, functioning regional and farmer's market facility*

Hospitality Projects

Chicago Downtown Marriott Hotel, Chicago, Illinois
Renovations of major downtown high rise hotel

Salt Lake City Marriott Hotel, Salt Lake City, Utah
Full service, new high rise hotel with 600 guest rooms, underground parking, banquet halls, meeting rooms, swimming pool and full service amenities.

Charleston, West Virginia Marriot Hotel
Planning and feasibility study for new full-service hotel.

Albuquerque, NM Marriott Hotel
Programing and feasibility study manager for new, full service hotel.

Key Bridge Marriot, Arlington, Virginia
Addition to the hotel, doubled in size

Multi-Unit and Single Family Residential

Syracuse Housing Partnership, Syracuse, New York
Affordable housing, planned unit development, six townhouse units. New urban in-fill housing development, multiple locations

Syracuse Neighborhood Housing Services,
Homestead Demonstration Program
Over 12 urban renovations of one- and two-family homes 80+ years old

Northeast Hawley Development Association,
Syracuse, New York
Multiple projects involving new, subsidized affordable housing including Hawley/Oak Townhomes - 6 units; Delhi St. Homes - 5 passive solar units; and NEHDA New Homes - 8 urban in-fill units

Ithaca Housing Authority
Feasibility study for high rise upgrade

Empire Housing and Development Corp., New York
*New townhouses, six units, in Highland Falls, NY
Renovation of over 100 existing one, two- and three-family buildings in Syracuse, NY*

Vera House Inc.
New Shelter for domestic violence victims

Syracuse Developmental Center
Feasibility studies for community residences for developmentally disabled

Christopher Community, Inc.
Individual duplex apartment buildings including renovations to over 24 units, and four new units

Rebuild Syracuse, Inc., Syracuse, New York
*Oswego Street townhomes - 14 units
Westside Duplex Homes - 20 units*

Erie Canal House, Canastota, New York
Six apartments for elderly - Additional projects designed but not constructed - 24 units and 75 units.

Kirk Avenue Cooperative
*Six units for physically handicapped people.
Individual duplex renovations on 12 units*

Syracuse Model Neighborhood Corp, Syracuse, New York
Apartment buildings renovation - 24 unit "West Castle Street Apartments" and 9 unit "Howard Apartments".

Private Custom New Home Designs
Over 50 locations for various private clients ranging in size from 1200 sq. ft. to 10,000 sq. ft

Private Custom Home Renovations and Additions
Over 30 locations for multiple private clients with design criteria and budgetary constraints ranging from very practical to very luxurious

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Retail / Commercial Projects

Northeast Hawley Development Association,
Syracuse, New York

Adaptive reuse and renovation of a former theater into a mixed use office/warehouse/retail building.

Marketplace Mall, Cicero, New York

30,000- sq. ft. expansion for private owners leasing to major retail chains.

Lafayette Radio Electronics Stores, Syosset, New York

(Subsequently known as "Circuit City") Over 30 new Electronics Stores in over 30 locations in U.S. Assisted in developing corporate prototype.

Fashion Bug Clothing Stores

New retail store in sub-regional strip mall.

Rite Aid Pharmacies, Harrisburg, Pennsylvania

Over 50 new or renovated Rite Aid Pharmacies ranging from 5,000- to 11,000 sq. ft. in locations throughout New York and New England. Design based upon corporate prototypes with site-specific adaptations.

Research and Demonstration Projects

Passive Solar Design/Build Demonstration,
Charleston, WV

Funding from the US Department of Energy

Manufactured Housing Demonstration Program

Funded by the Tennessee Valley Authority

Shockey Concrete

Pre-Cast Insulated Concrete Construction System

Crystalite Passive Solar Panel

Funded by US Department of Energy.

Nottingham High School Daylighting Systems,
Syracuse, New York*

Funding from NY State Energy Research and Development Authority.

Prototype Photovoltaic Home

Funding from NASA Jet Propulsion Laboratory and the AIA Research Corporation

PUBLICATIONS

Lihue Kuai'i SDAT Final Report

"Building a Framework for a Sustainable Future"
A Report by the Sustainable Design Assessment Team

Lihue Kaua'i, Hawai'i, November 12 – 15, 2008
AIA Center for Communities by Design
Peter J. Arsenault, AIA, NCARB, LEED AP, Team Leader, Contributing author and editor

Dubuque, IA SDAT Final Report

"Masterpiece on the Mississippi"
A Report by the Sustainable Design Assessment Team

Dubuque, IA, October 22 – 24, 2007
AIA Center for Communities by Design
Peter J. Arsenault, AIA, NCARB, LEED AP, Team Leader, Contributing author and editor

Northern Nevada SDAT Final Report

"Sustainability in the Reno / Tahoe / Carson Region"

A Sustainable Design Assessment Team Report
Northern Nevada Region, September 25 – 28, 2006
AIA Center for Communities by Design
Peter J. Arsenault, AIA, NCARB, LEED AP, Team Leader, Contributing author and editor

Northampton, MA SDAT Final Report

"Building Economic and Land Use Sustainability"
A Report by the Sustainable Design Assessment Team

Northampton, Massachusetts October 17–19, 2005
AIA Center for Communities by Design
Peter J. Arsenault, AIA, NCARB, LEED AP, Team Leader, Contributing author and editor

Green Building Design – it isn't just for new buildings any more Feature article in Real Estate journal.... 2008

The Duck Project, Draft plan for a sustainable vision

Authored preface and facilitated charrette for overall content

ARCHITECTURAL RECORD published by the McGraw Hill Companies (ISSN 0003-858X)
Continuing Education articles for architects with credit given by the American Institute of Architects (AIA):

November 2008 Issue:

- Specifying Silicone Caulking and Sealants

January 2006 Issue:

- "Thermal and Moisture Control in Exterior Metal Walls: Achieving durable, economical, and sustainable metal wall systems"

December 2005 Issue: (three articles)

- "Specifying Residential Appliances: Green Update"
- "Site Lighting: Optical Systems Design and Application Guide for Site and Roadways"
- "Raised Access Floors: The Foundation of Flexibility and Efficiency"

Zetlin and DeChiara Law Newsletter - What's new in green design?

By Peter J. Arsenault, AIA, NCARB, LEED-AP, Principal – Stantec Architecture, Inc. with contributing author Patti Bacon, Stantec Consulting Inc.

Housing Growth in the Syracuse Metropolitan Area 1970 - 1975

Syracuse University Geography Department Discussion Paper Series, ISSN #1363-6038

"Case Study in Syracuse, NY" - The Creation of Shelter,

The American Institute of Architects Press, 1988

ISBN #1-55835-002-0 Primary author/editor
Nora Richter Greer

"Visionary Studies, Snowdon Project, Syracuse, NY" - Common Walls/Private Homes, McGraw Hill 1990, ISBN 0-07-016819-9 Primary author/editor John Nolon, Duo Dickinson

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PUBLICATIONS cont'd

"Design and Demonstration of Innovative Daylighting Strategies in Nottingham Public High School, Syracuse, NY," Solar '85/The Tenth National Passive Solar Conference Proceedings, Arsenault/Kinney ISBN 0-89553-201-8.

"A Self-Sufficient, Contemporary Community Design for Upstate New York" Solar '85/The Tenth National Passive Solar Conference Proceedings, Arsenault/Ray ISBN 0-89553-201-8.

"An In-City Passive Solar Home Development," The Ninth National Passive Solar Conference, Arsenault

"Integrated Residential Photovoltaic Array Design Package" submitted to the American Institute of Architects Research Corporation and the Jet Propulsion Laboratory of NASA.

"One Design Waterwall Engineering Field Test Final Report" prepared for the U.S. DOE under contract #DE-FC02-80CS30527.

"One Design Omnibus Thermal Storage Modular System" prepared for the U.S. DOE under contract #DE-FC02-80CS30526.

"Design and Demonstration of Daylighting Strategies" prepared for New York State Energy Research and Development Authority (NYSERDA)

TEACHING EXPERIENCE

Faculty Positions

Rochester Institute of Technology, Rochester, NY Adjunct Instructor for applied science and technology program

Onondaga Community College, Syracuse, NY Adjunct Instructor for green building construction training program

PRESENTATIONS

Peter has been a sought after speaker and presenter at numerous state, regional and national seminars and conferences, primarily on the topic of sustainable design and green building practices. These have included:

- Onondaga County Federation of Planners – “Implementing the GreeningUSA Twelve Traits of Sustainable Communities” February 2009
- AIANYS Convention 2008 – “Practice Beyond Green – meeting the 2030 goals before everyone else does” September, 2008
- USGBC Contractor Training Program in conjunction with Onondaga Community College, Syracuse, NY. August, 2008
- AIA Alabama State Convention, 2008 – “What has the AIA done for Alabama Architects Lately?”
- Finger Lakes Institute “Sustainable Design from the big picture to the details” including the “Twelve Traits of Sustainable Communities”. March, 2008
- AWMA / NYWEA 11th Annual Joint Conference. LEED for Existing Buildings, February, 2008
- Lorman Educational Seminars “What’s new in Green Building Design”. April, 2008
- USGBC New York Upstate Chapter, “Triple Bottom Line” conference – “Case Study presentation – LEED Gold Frito Lay Distribution Center, Rochester, NY” May, 2008
- DPC seminars, New York City, March, 2007, “Update on LEED – Interiors, Core and Shell, and others”
- American Society of Military Engineers, June 2007, “Update on the USGBC LEED rating system – LEED NC and LEED EB”.
- USGBC Greenbuild National Conference in Nov. 2007 – “A tale of two green cities” – Rochester, NY and Vancouver, BC.
- 2007 AIA Western Mountain Region Conference, Lake Tahoe, Nevada. Facilitator for panel discussion on the AIA Sustainable Design Assessment Team (SDAT) program in Northern Nevada and elsewhere in the US.
- 2007 AIA Western Mountain Region Conference, Lake Tahoe, Nevada. Facilitator for panel discussion regarding sustainability: “Can we correct the mistakes of the past?” with RK Stewart, FAIA, and Bruce Race, FAIA.
- The AIA Sustainable Design Assessment Team (SDAT) program, presented at AIA Grassroots, 2007
- 2007 AIANYS Convention on “Sustainable Saturday” on Sustainable Communities: “AIA SDAT in Syracuse and the Rochester Greenprint program.”
- USGBC “Rochester Greenprint” Charrette moderator and facilitator, October 30, 2006, Rochester, NY
- USGBC and Greater Rochester Enterprise “Turning Green into Growth” with US Senator Hillary Rodham Clinton – Panelist on green building practices and successful case studies

PRESENTATIONS cont'd

- Moderator for two panel discussions, Architects in Albany Lobby Day, May 15, 2007 – “Sustainable Planning and Zoning Options”, and “The Built Environment”. Resulted in first ever program of its type at an AIA NY State Lobby Day.
- GreeningUSA 2007 Third Annual Meeting Chair - Discussion with the political party candidates for Onondaga County Executive regarding sustainability – May 2007. Facilitated a structured discussion between 3 contenders for the chief executive office for this upstate NY county regarding views, solutions, and programs on green and sustainable practices.
- AIANYS Convention 2006 – “It’s easy being green – LEED for housing and communities
- AIA New York State 2004 Spring Symposium – overall moderator for all day program on “Sustainable Architecture” including Rick Fedrizzi, President and CEO of US Green Building Council, William Bobenhausen, AIA, professor and practitioner, Peter Smith, Chairman of the New York State Energy Research and Development Authority, and representatives from New York State government speaking on implementing state mandated energy guidelines.
- AIA New York State 2004 Convention in Ithaca, NY. Overall MC and moderator for keynote presentations including Edward Mazria speaking on climate change and sustainability.
- Co-chair and moderator of the AIANYS 2005 Convention held in Syracuse, NY. Convention theme: Eco-Design – sustainable architecture. Hosted and moderated Edward Mazria, FAIA, and the Hon. Jeremy Harris, Hon. AIA as keynote speakers as well as local governmental representatives.
- Sustainable Central New York joint event with the New York State Conference of Mayors, April 2006. Moderator and Presenter regarding the Syracuse Sustainable Design Assistance Team (SDAT) program.
- GreeningUSA 2006 Second Annual Meeting Chair – Presentation on GreeningUSA and the “12 Traits of Sustainable Communities”, April 2006.
- GreeningUSA 2005 First Annual Meeting Chair – Overview Presentation on GreeningUSA goals and strategic plan for advocacy as a membership based sustainability organization.
- Northeast Sustainable Energy Association (NESEA) Advanced Residential Construction Conference 1990 – Presentation on co-housing as an alternative form of affordable housing.
- Northeast Sustainable Energy Association (NESEA) Conference 1989 – Presentation on significant adaptive re-use and renovation of a 3 story 1910 structure into 6 handicapped accessible, affordable, co-operative living units.
- Environmental Business Association Green Building Speaker Series – Presentation on the GreeningUSA “Sustainable Community Rating System” for use by cities, counties, and towns to assess and improve their own sustainability. 2005