# K-12 Schools

Integrated Solutions. Measurable Value.

Langan provides geotechnical and site/civil engineering and environmental consulting for private developers, public agencies, property owners, and institutional clients around the world.

Langan is a Corporation and was founded in 1970, Langan employs over 1,000 professionals in its Elmwood Park, NJ headquarters and among 19 regional offices.

A Vital Component in Education

Langan has provided multi-disciplinary, integrated engineering services for a variety of K-12 schools across the country. From rural public schools to urban charter schools, Langan possesses the skills and experience necessary to ensure a collaborative approach with clients that results in a realistic end-result for the educational system.

In addition, Langan has always been a strong proponent of sustainable design. Our sustainable design practice is woven throughout all of our design disciplines and becomes evident in the development phase of work. Langan has provided environmentally sound solutions for over 40-years and has the knowledge and expertise to assist in and enhance the development and planning process in education projects.

A partial list of our K-12 experience includes services for:

- Morgan School, Clinton, CT Hazmat/Environmental Services
- Black Rock School, Bridgeport, CT Hazmat/Environmental Services
- Stamford Westhill High School Hazmat/Environmental Services
- Sandy Hook School, Newtown, CT
- Naugatuck High School, Naugatuck, CT
- Wilcox Technical High School, Meriden, CT
- North Branford Intermediate School, North Branford, CT
- Hamilton Avenue School, Greenwich, CT
- Nonnewaug High School, Woodbury, CT
- St. Rose School Addition, Newtown, CT
- Engineering and Science University Magnet School, West Haven, CT
- Goodwin College Early Childhood Magnet School, East Hartford, CT
- Xavier High School, Middletown, CT
- CREC Discovery Academy, Wethersfield, CT
- Quinebaug Valley Middle College High School, Danielson, CT
- Foran High School, Milford, CT
- Jonathan Law High School, Milford, CT
- Wallace Middle School, Waterbury, CT







# Perkins Eastman – Langan Experience

Ø	Travelers Building, Hartford, CT
Ø	United Nations, New York, NY
ø	New York Hospital, Queens, NY
ø	Center for Nursing and Rehabilitation, Brooklyn, NY
Ø	CLOTH School for Community Health, Brooklyn, NY
0	Mott Haven Campus, Bronx, NY
0	Elizabeth Seton Pediatric Center, New York, NY
0	Lenox Hill Hospital, New York, NY
0	NY Psychiatric Institute, New York, NY
<b>0</b> `	P.S. 189 School, Bronx, NY
0	Queens Borough Hall, Queens, NY
٥	Rockland County Courthouse, New City, NY
Ø	St. Augustine Plaza, Jamaica, NY
ø	Rockland County Courthouse, New City, NY

• Mravlag School, Elizabeth, NJ

# LANGAN

# Matthew A. Myers

Senior Hazmat Specialist

#### 23 years in the industry

Mr. Myers is a Hazardous Materials Manager with over 23 years of diversified experience that includes the inspection, abatement design and abatement project monitoring for asbestos containing materials, lead based paint, PCB, indoor air quality, OSHA compliance and other building environmental concerns. Mr. Myers has experience coordinating with the USEPA, CT DPH and other regulatory bodies in the State of Connecticut. Mr. Myers has been involved with numerous environmental investigations and remediation projects including public and private entities including school, housing, commercial facilities, school and hospital properties and daycare facilities. Mr. Myers has extensive experience with various public and private school systems, hospitals, and housing authorities in CT involving large and small scale hazardous materials management for projects including renovation and demolition projects and management plan inspections and updates.

#### Selected Projects

Stamford West Hill High School, Stamford, CT Multiple School Projects, Ridgefield, CT Multiple School Projects, Stamford, CT JM Wright Technical High School, Stamford, CT Bridgeport Hospital, Bridgeport, CT Multiple School Projects, Milford, CT Farnam Courts - New Haven Housing Authority, New Haven, CT Riverview Apartments - Ansonia Housing Authority, Ansonia, CT Tower One/Tower East - New Haven, CT Housing Authority of the City of New Britain Farnam Courts - New Haven Housing Authority, New Haven, CT Callahan House, Seymour, CT Riverview Apartments - Ansonia Housing Authority, Ansonia, CT Bayview Towers - Stamford, CT Southfield Village - Stamford Housing Authority, Stamford, CT Rockview Circle - Stamford Housing Authority, Stamford, CT Towers - Torrington Housing Authority, Torrington, CT Tower One/Tower East - New Haven, CT Various Housing Project Sites - New Haven Housing Authority, New Haven, CT Various Housing Project Sites - Stamford Housing Authority, Stamford, CT



#### Education

University of Connecticut: Bachelor of Arts

University of New Haven: Masters of Science – OSHA with a Concentration in Industrial Hygiene

#### Licenses/Accreditations

Licensed Asbestos Project Designer, Inspector/Management Planner and Project Monitor – CT

Licensed Asbestos Project Designer - NY

Licensed Lead Inspector/Risk Assessor - CT



# Jamie P. Barr, LEP

Senior Associate Geological Engineer

## 17years in the industry ~ 13 years with Langan

Mr. Barr is a Geological Engineer with over 17 years of diversified civil, geotechnical, and environmental experience that includes environmental regulatory compliance, remedial system design, permitting, feasibility studies, Phase I/II/III environmental site assessments, construction management, geotechnical investigations, site/civil design, stormwater management, mining exploration, and aquatic toxicology. Mr. Barr has experience coordinating and negotiating with regulatory agencies in Connecticut, New York, New Jersey, Illinois, Indiana, and Massachusetts. Mr. Barr has extensive experience with projects in the Connecticut Property Transfer Program, New York State and City Brownfield Cleanup Programs, as well as the USEPA Superfund Program. Mr. Barr served as a co-chair on a committee formed by the CTDEEP for the transformation of the Connecticut regulations. Mr. Barr's specialties include transfer act and facility compliance, remediation system design, environmental site assessment, construction management, and property due diligence.

#### Selected Projects

Black Rock School, Bridgeport, CT Morgan School, Clinton, CT Honeyspot School, Stratford, CT UNISYS: Former Remington Rand, Middletown, CT Unilever Clinton Plant, Clinton, CT The Hershey Company: Former Peter Paul Facility, Naugatuck, CT United Nations Capital Master Plan, New York, NY RBS GBM Building, Stamford, CT Rvder Systems Inc., Various Locations, CT John Jay College Expansion, New York, NY Waterside Power Plant, Stamford, CT The Shops at Atlas Park, Glendale, NY DLC Management, Various Locations, CT Former CS&T Drycleaners, Columbus, IN The Hershey Company, Hershey, PA 1 Hudson Plaza, Extell Development, New York, NY



#### Education

University of New Brunswick, Bachelor of Science: Geological Engineering

#### **Professional Registration**

Licensed Environmental Professional - CT

#### Affiliations

**Connecticut Building Congress** 

New Haven Manufacturers Association

Environmental Professionals of CT

National Brownfield Association

**Environmental Business Association** 

Association of Professional Engineers and Geoscientists of New Brunswick



Clarence Welti Associates

#### **COMPANY PROFILES**

# CLARENCE WELTI ASSOCIATES INC.

Principal Operations relate to test borings (geotechnical and environmental) and in house geotechnical soil testing. This company has been in existence since 1968, succeeding a prior similar company owned by Clarence Welti. This company employs normally about 15 persons. In general 4 to 5 rigs are operated. The company is housed in family owned offices and shop. The ownership at this time is by Max C.Welti and Katharina E. Welti. The work area by this company and the preceding company has been in most Connecticut town, in Western Massachusetts, Rhode Island and Eastern New York State. The company has performed work for every major municipality in Connecticut.

It is registered by the state as a Small Business.

# DR. CLARENCE WELTI, P.E, P.C.

This company is a professional engineering corporation and is personally owned by Clarence Welti. The company is registered with the state as a small Business. The resume for Clarence Welti is included below. The company is registered as professional engineering corporation (license No. 0037).

Other Professional Personnel within the company

## MAX C. WELTI, P.E.

Graduate of Clarkson University 1984, BS in Civil Engineering

Has been in geotechnical practice since graduation in addition to operating the drilling and testing company. Has written many of the geotechnical reports for the firm and laboratory testing techniques..

#### JOHN BEAR, P. E.

BS in Civil Engineering + MS

In practice with several local structural and civil engineers firms since 1981. Specialty is in areas, where structural work is combined with geotechnical issues

1

#### Resume of Dr. C. Welti

# Clarence W. Welti, PhD, P.E.

## Addresses:

Business: 227 Williams Street, Glastonbury, CT 06033	Tel. 860-633-4623
Home: 257 Timrod Road, Manchester, CT 06040	Tel. 860-649-9052

Born: August 14, 1924 Tolland, CT

# Education:

Rockville High School 1942

U. S. Army, ASTP Program at Kalamazoo College 1943-1944

University of Connecticut, BS in Engineering with High Distinction in Civil Engineering 1949

Federal Institute of Technology, Zuerich, Switzerland as Fachhoerer 1962-1963

University of Connecticut PhD in Civil & Structural Engineering, Thesis Geotechnical 1971

Work Chronology:

State Highway Department of Asst. Highway Engineer in Soils & Foundations 1949-1953

In private practice (personal ownership) 1953 to present in Connecticut, Massachusetts and Rhode Island,. Emphasis has been on Soil Mechanics and Foundations

Professional Licenses:

Connecticut (By Examination 1950), New York, Massachusetts, Rhode Island,

Memberships:

Life Member & Fellow ASCE

Member ASFE

Member Tau Beta Pi (Engineering Society) and Chi Epsilon Honor Civil Engineering Society

Associate Member Sigma Xi Scientific Society

Publications:

1974 Der Bauingenieur, Spring Verlag, Berlin, Germany "Steifigkeitsmodulbestimmung mittels Ballon im Bohrloch"

Major Projects:

1950's: Geotechnical Engineer for 3 Sections of Connecticut Turnpike and Route 2, East Hartford on soft clays

1960's: Geotechnical Engineer, I-91 in Middletown, CT.; Geotechnical Engineer, I-384, Manchester, CT

1970's: Design of Parking Garage Foundation, including 35 feet high retaining wall on Caissons at Hartford Insurance Co., Design of Shoring + Dewatering at Tunnel to Federal Building New Haven; Design of Circular Cofferdams at Westbrook, Maine (45 feet deep) and Waterford, CT, Design Consultant to US Navy, Pier 15 at Sub Base, Groton, CT.; Design Consultant on East Hartford Treatment Plant (30 feet cuts contiguous to River Dike) and Geotechnical Consultant at 3 major Clay Slides at Oil Terminals on Connecticut River.

1980's: Geotechnical Engineer on I-91, Windsor, CT.; Geotechnical Consultant at Bradley Field Runway Upgrade; Design of Refurbishing River Pier for Pratt & Whitney; Geotechnical Engineer at Bristol Meyers Research Center, Wallingford, CT

1990's: Geotechnical Design for Catenary Foundations along RR in Fairfield County Based on Half Scale Model Testing for Northeast Utilities; Geotechnical Engineer, Route 11, Montville, CT.; Geotechnical Engineer for US Surgical Complex in North Haven, CT.; Geotechnical Engineer and Design Consultant for raft slab Design under 12 Story St. Francis Hospital, Hartford, CT.; Geotechnical Consultant for Mashnantucket Pequot Casino + other Construction, also for Mohegan Tribe Casino and Geotechnical Consultant for Foundation at 24 Radio Towers for State of Connecticut Communications System

2000's: Geotechnical Engineer for 36 story hotel at Mohegan Sun Casino on 150+ feet of Sand, which required dynamic compaction + analyses of potential settlement with Mat loading of about 7,000 psf over about 50,000 sf of footprint; Geotechnical Engineer for Widening of I-84 in Waterbury, Cheshire and Southington; Geotechnical Engineer for buildings at Smith and Mt. Holyoke College in Massachusetts; Geotechnical Engineer

# Max C. Welti, P,.E

Graduate of Suffield Academy 1979 Graduate of Clarkson University 1984 with BS in Civil Engineering; PE license in 1994

Practiced since graduation with Dr. Clarence Welti, P. E., P. C.

Apart from working on buildign and highway project he has been involved with our laboratory testing and development of computer programs

Numerous large projects at Foxwood and Mohegan Sun Casino from 2000 to 2008

School Projects on which he has been principal geoetchnical engineering include the following:

Plainfield High Schook 2003 Westbrook High School 2004 Plymouth High School 2005 Groton Public Schools High School + 2 Elementary Schools 2005 Watertown Three Elemenary School 2008 to 2010 Magnet School South Windsor (*Perkins Eastman*) 2010 Magnet Schools in Windsor and East Hartford 2011/2012

Max Welti's Projects in Newtown include (1) the New Ambulance Center 2012 and New Community Center 2011

# John Bear, P. E.

BSME in Material Science UCONN 1982 MS In Engineering Renssilaer Poly Inst. 1984 Active PE Registration since 1987

Prior Employers include Sikorsky Aircraft; Close Jensen and Miller and Macchi Engineers. He has been with Dr. Clarence Welti, P. E., P. C. since 2000

Mr. Bear's expertise apart from Geotechnical Engineering is in Structural Engineering. This provides the firm with a firm understanding of fitting appropriate structural foundation types to a soils cross section.

Apart from school projects his work has included a number of re-hab projects old building, such as the old Sage Allen Department, which was developed into apartments with a 500 car parking garage. Recent work has included several large parking structures on soft soils. In addition he has been involved with most of the projects at Harbor Point in Stamford; the Gateway project in Stamford and the proposed Bridgewater development project,

School projects on which he was principally involved are as follows:

Seymour High School 2003 Killingworth High School 2004 Glastonbury Elementary School 2006 Three Danbury Elementary Schools 2012

#### COMPANY PROFILES

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In practice with several local structural and civil engineers firms since 1981. Specialty is in areas, where structural work is combined with geotechnical issues

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Associate Member Sigma Xi Scientific Society

Publications:

1974 Der Bauingenieur, Spring Verlag, Berlin, Germany "Steifigkeitsmodulbestimmung mittels Ballon im Bohrloch"

# Major Projects:

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- 1960's, Geotechnical Engineer I-91 in Middletown, CT., Geotechnical Engineers, I-384 Manchester, CT
- 1970's, Design of parking Garage Foundation including 353 feet high retaining wall on Caissons at Hartford Insurance Co., Design of Shoring + Dewatering at Tunnel to Federal Building New Haven, Design of Circular cofferdams at Westbrook, Maine (45 feet deep) and Waterford, CT., Design Consultant to US Navy, Pier 15 at Sub Base, Groton, CT., Geotechnical Consultant on East Hartford Treatment Plant (30 feet cuts contiguous to River Dike) and Geotechnical Consultant at 3 Major Clay Slides at Oil Terminals on CT. River
- 1980's, Geotechnical Engineer on I-91, Windsor, CT., Geotechnical Consultant at Bradley Field Runway Upgrade, Design of Refurbishing River Pier for Pratt & Whitney, Geotechnical Engineer, Bristol Myers Research Center, Wallingford, CT
- 1990's, Geotechnical Design for Catenary Foundations along RR in Fairfield County Based on Half Scale Model Testing for Northeast Utilities, Geotechnical Engineer Route 11, Montville, CT., Geotechnical Engineer for US Surgical Complex in North Haven, CT., Geotechnical Engineer and Design Consultant for Raft Slab Design under 12 story St. Francis Hospital, Hartford, CT., Geotechnical Consultant for State Prisons in Suffield and Montville, Geotechnical Engineer for Mashantucket Pequot Casino + other Construction, also for Mohegan Tribe Casino and Geotechnical Consultant for Foundation at 24 Radio Towers for State of Connecticut Communications System
- 2000's, Geotechnical Engineer for 36-story hotel at Mohegan Sun Casino on 150+ feet of Sand which required dynamic compaction + analyses of potential settlement with Mat. loading of about 7,000 psf over about 50,000 sf of footprint, Geotechnical Engineer for Widening of I-84 in Waterbury, Cheshire and Southington, Geotechnical Engineer for buildings at Smith and Mt. Holyoke Colleges in Massachusetts

The following is a list of elementary or middle schools on which geotechnical engineering

was performed the firm in the last 5 years:

1. Quirk School; Hartford, Fletcher Thompson Architects

2 Kennelly School; Hartford; Fletcher Thompson Architects

3. Kinsella School; Hartford; Fletcher Thompson Architects

4. SAND School; Hartford, Tai Soo Kim Associates

5. East Haddam Middle School; Kaestle Boos Architects

6. Carmen Arace Middle School; Bloomfield, CT; Friar Associates, Architects

7. Journalism & New Media Academy; Hartford; SLAM Collaborative Architects

8. Illing Middle School; Manchester; Friar Associates, Architects

9. Highland Park School; Manchester; Moser Pilon Nelson Architects

10. East Hartford/Glastonbury Magnet Elementary Schoo; Fletcher Thompson Archs

12. CREC Regio Magnet School; Avon; Friar Associates, Architects

13 Magnet School South Windsor; Perkins Eastman

14. Head Start School Danbury; Perkins Eastman

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15. Charter Oak Elementary School; West Hartford; Perkins Eastman

Richter & Cegan Inc.

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Landscape Architects Urban Designers

# **Firm Profile**

Richter & Cegan Inc. is an award winning planning and landscape architecture firm that has been in operation for over thirty years. Since our founding, Richter & Cegan has earned a solid reputation for providing our clients with the highest levels of quality and professional services. The primary areas of practice are urban design, community planning, master planning, multi-family housing, elder care, educational facilities, recreation planning, park design and farmland preservation. Principals of the firm have also taught planning and landscape architecture at levels ranging from undergraduate courses at universities to programs providing certificates in landscape design.

Representing a variety of schools of landscape architecture and design, Richter & Cegan Inc.'s staff of nine landscape architects, two support, and one architect are highly trained, competent, computer proficient, committed to new and sophisticated technology in design, and dedicated individuals who thrive in our dynamic and sometimes intense office environment. Their credentials and backgrounds are varied. Their skills and talents are diverse. Their commitment to quality is paramount. Their collective value to our organization is immense.

Whether we serve as primary consultants or one of several team members involved in project planning and design, we pride ourselves on specializing in larger and more difficult planning and design projects with full confidence that we have the individual and organizational resources to deliver creative, realistic and economically viable solutions at a Richter & Cegan level of excellence.

We take pride in our reputation of:

- quality planning and design, whatever scale
- thorough analysis, programming, strategies
- creativeness in achieving the most with any site, program, budget
- place-making and the development of public spaces
- common sense, being realistic and practical
- uniqueness in achieving a market statement for a project
- strong project organization and management
- open client interaction
- accurate budget estimating
- strong public communication

We strive to develop strong and long-lasting relationships with our clients ... relationships that are built on mutual understanding, sensitivity, responsiveness and personal services. All our work is characterized by exceptional levels of thoroughness and attention to detail that result in both problem avoidance and added value for our clients.

At Richter & Cegan, we work hard to conceive and construct high quality environments that are aesthetically pleasing, environmentally sound and contextually appropriate. Our ultimate goal is to create settings through careful planning and creative design, that will not simply endure ... but will actually improve with maturity and use.

Richter Cegan Inc. Landscape Architects

Urban Designers

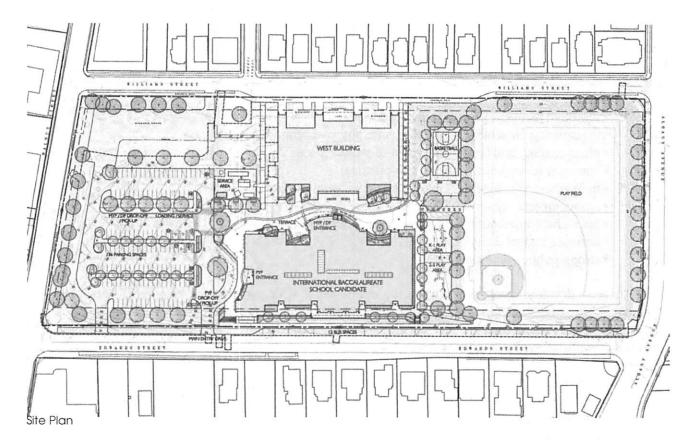
# Global Communications Academy: an International Baccalaureate School Hartford, Connecticut

The renovations and additions to the existing Thomas Quirk Middle School converted the existing school to a grade K-12 magnet school for 900 students, with LEED Silver Certification.

Site improvements to the 11.8 acre property included new entrances, pedestrian and vehicular circulation systems, service area, basketball court, playgrounds, courtyard and landscape plantings. Extensive site accessibility improvements were required due to existing topography. Coordinated with the City and Cal Ripkin, Sr. Foundation on the construction of on-site soccer and little league baseball field to provide recreational areas to serve the needs of the school and surrounding community.



Existing Site



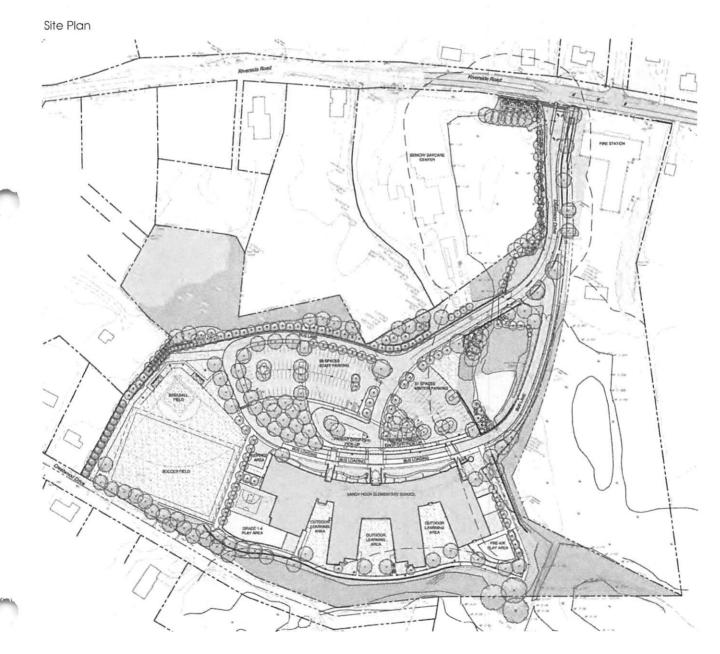


Landscape Architects Urban Designers

# Sandy Hook Elementary School

Sandy Hook, Connecticut

Site design and landscape architectural services for a new school on the existing 12-acre site to accommodate 500 students from Pre-K through Grade 4. Key components include a new entry boulevard/approach sequence in order to create an entirely "new site" and experience for the returning students. Site program elements include new vehicular and pedestrian circulation, new bus and parent loading, new parking lots, new play fields and playgrounds, outdoor classroom and potential connections to adjacent community resources and parks. Incorporating security design measures at all levels from initial site planning to specific site components and planting design. Providing site design for all phases including schematic design through construction administration.



# Richter Cegan Inc.

Landscape Architects Urban Designers

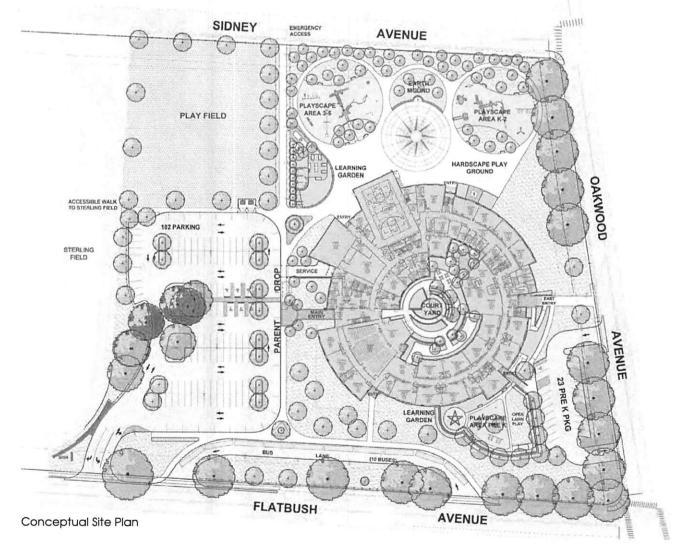
# Charter Oak International

# Academy

West Hartford, Connecticut

New 86,700 SF, PK-5 grade International Baccalaureate Magnet School for 560 students to replace the existing facility on Provided master planning and the site. landscape architectural services. Site program components include: new pedestrian and entrances, vehicular systems, outdoor play areas and outdoor learning center, revised parking, bus dropoff and stronger connections to the neighborhood and adjacent park. Interior courtyard is a major outdoor gathering space with an amphitheater and outdoor classrooms. The site design repeats the circular motif of the building.





Richter Cegan Inc.

Landscape Architects Urban Designers

MICHAEL A. CEGAN, ASLA, APA PRINCIPAL-IN- CHARGE

EDUCATION Master of Landscape Architecture University of Massachusetts

Bachelor of Science in Environmental Design University of Connecticut

#### REGISTRATION

State of Connecticut #433 State of Rhode Island #421 State of New York #002116-1 State of Massachusetts #1612 State of Vermont #125.0083636

#### **MEMBERSHIPS**

American Society of Landscape Architects American Planning Association Connecticut Trust for Historic Preservation The American Association of Botanical Gardens and Arboretum National Recreation and Park Association New England Park Association U.S. Green Building Council

Michael Cegan plays a key role in the execution of major development planning and design projects for the firm. A registered landscape architect in the states of Connecticut, Rhode Island, Massachusetts, New York and Vermont, Mike has more than 36 years of experience in areas of landscape architecture, land-use and development planning. Mike's practice spans a wide range of both public and private work. His professional specialties include campus planning and design, institutional and corporate design, educational facilities, park and recreation design, senior housing communities, and urban design. Mike's practice also includes many private residences which incorporate a more personalized approach to the design process.

#### **REPRESENTATIVE PROJECTS INCLUDE:**

#### Charter Oak International Academy Magnet School - West Hartford, Connecticut

• New 86,700 SF, PK-5 grade International Baccalaureate Magnet School for 560 students to replace and expand the existing facility on the site. Provided master planning and landscape architectural services. Site program components include: new entrances, pedestrian and vehicular systems, outdoor play areas and outdoor learning center, revised parking, bus drop-off and stronger connections to the neighborhood and adjacent park. Interior courtyard is a major outdoor gathering space with an amphitheater and outdoor classrooms. The site design repeats the circular motif of the building.

#### Thompson Brook Elementary School - Avon, Connecticut

 Feasibility studies examining two locations. Master plan through construction documents for new 98,000 SF school, including extensive outdoor recreation program. Site program included playgrounds, play fields and courts, site circulation and parking, bus and parent drop-offs.

#### Waterford Early Childhood Learning Center - Waterford, Connecticut

• Master plan through construction documents for Early Childhood Learning Center. Site program includes access drive and circulation improvements, bus drop-off, outdoor children's garden, playscape and terraced courtyard. Project involved connection to new community center and integration with the Civic Triangle Campus.

#### Southwest Elementary School - Torrington, Connecticut

• Significant building additions and renovations, including adjacent parcel acquisition for an historic school. Site program included outdoor play areas and courts, new bus loop, parking, vehicular circulation changes and streetscape improvements.

New Glastonbury Elementary School – Glastonbury, Connecticut

 Master plan and feasibility study for a new elementary school. Site program included outdoor play areas, athletic fields, courts, bus and parent drop-offs, entry plazas and site circulation.

#### Manchester Town-wide School Facilities Studies - Manchester, Connecticut

• Master plan study for additions and renovations to four existing schools and proposed middle school feasibility site selection studies for six parcels.

#### Hawley Elementary School - Newtown, Connecticut

• Additions and renovations to existing school and extensive site renovations.

#### Bakerville Elementary School - Torrington, Connecticut

• Additions to existing school and major site renovations.

Richter Cegan Inc.

Landscape Architects Urban Designers

JOSEPH MCDONNELL, ASLA, LEED AP BD+C PROJECT MANAGER / LEED REVIEW

**EDUCATION** Bachelor of Science in Landscape Architecture **Temple University** 

**REGISTRATION** State of Connecticut #984 LEED AP BD+C #10173477

#### MEMBERSHIPS/ACCREDITATION

American Society of Landscape Architects Connecticut Parks Association U.S. Green Building Council LEED Accredited Professional

Joseph McDonnell is a registered landscape architect with more than 16 years experience in areas of landscape architecture, land-use and development planning. His professional specialties include the design and planning of office developments, commercial developments, public spaces, educational facilities, residential communities, recreation design and landscape planning. From his formal education and professional work experience, Joe brings a strong sustainable design / planning approach to each of his projects. His major focus is to blend the natural environment and the program requirement in a sustainable manner. A registered landscape architect since 2003, Joe's professional resume spans a wide range of public and private work. In his tenure with Richter & Cegan Inc., Joe has been involved with several large scale projects.

#### **REPRESENTATIVE PROJECTS INCLUDE:**

#### Charter Oak International Academy Magnet School - West Hartford, Connecticut

• New 86,700 SF, PK-5 grade International Baccalaureate Magnet School for 560 students to replace and expand the existing facility on the site. Provided master planning and landscape architectural services. Site program components include: new entrances, pedestrian and vehicular systems, outdoor play areas and outdoor learning center, revised parking, bus drop-off and stronger connections to the neighborhood and adjacent park. Interior courtyard is a major outdoor gathering space with an amphitheater and outdoor classrooms. The site design repeats the circular motif of the building.

#### J.M. Wright Technical High School - Stamford, Connecticut

Provided landscape architectural and site design services for the additions and renovations to the J.M. Wright Regional Vocational Technical School. The scope of site improvements includes overall site layout/configuration, building addition siting and related fit to topography, parking, access drive and circulation improvements, walk connection to athletic fields per the master plan, arrival/entry areas for students/staff, bus drop-off/pick-up and overall site landscape improvements. Sustainable design features will be incorporated with the goal of achieving LEED Certification.

#### Global Communication Academy: an International Baccalaureate School - Hartford, Connecticut

• Renovations and additions to the existing 11.8 acre site for a K-12 magnet school. Site program includes new entrances, pedestrian and vehicular circulation systems, service area, play fields, courtyard and landscape plantings. Includes extensive site accessibility improvements and improved connections to surrounding community. Providing site design for all phases including schematic design through construction administration.

#### River Academy Magnet School at Goodwin College - East Hartford, Connecticut

 Providing landscape architectural services for a new magnet high school located on the Goodwin College River Campus. Scope of services includes schematic design through construction administration, including conceptual designs for potential sites. Assisting with local and DEEP/ACOE permitting and LEED Silver certification qualification.

#### Quinnipiac University - North Haven, Connecticut

- Health Professions Center
- School of Law
- Entry and Parking Studies

#### Connecticut College: Crozier-Williams Plaza - New London, Connecticut

- Tempel Green and Outdoor Classroom
- Crozier-Williams Walk and Plaza

#### Southern Connecticut State University - New Haven, Connecticut

- Campus Landscape Master Plan (Selected)
- Academic Laboratory Building and Science Quadrangle

Building Conservation Associates, Inc.



BCA's work on the project will include the following services:

# **Research Phase**

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- BCA will conduct a site visit to photograph existing conditions.
- BCA will conduct a review of the National Register documentation and any other clientprovided archival information to assess the integrity of the site.
- BCA will conduct additional historic research to understand the architectural evolution of the site.
- BCA will develop a detailed alterations chronology and integrity assessment of the existing historic fabric.

## **Design Review**

- BCA will review the proposed rehabilitation scope of work.
- BCA will make recommendations for appropriate preservation treatments and strategies.

# Stamford Historic Preservation Advisory Commission Review (HPAC)

- BCA will conduct a preliminary meeting with Commission staff to describe project.
- BCA will compile the application for HPAC review.
- BCA will present the project at an HPAC hearing.

# **Connecticut State Historic Preservation Office Review (SHPO)**

- BCA will perform all coordination communications with SHPO.
- BCA will conduct a preliminary meeting with SHPO staff to describe project.
- BCA will develop a submission for SHPO review.
- If necessary, BCA will develop mitigation options and an agreement document.

# Environmental Review under Connecticut Environmental Policy Act (CEPA)

BCA will identify potential impacts of the proposed project on historic resources. For the purposes of determining environmental significance, direct and indirect effects on the environment shall be considered, including but not limited to the following potential or actual consequences: Disruption or alteration of an historic, archeological, cultural, or recreational building, object, district, site or its surroundings.

BUILDING CONSERVATION ASSOCIATES INC 44 East 32nd Street, 12th Floor New York, NY 10016 MAIN 212.777.1300 FAX 212.777.1606

www.bcausa.com

# **RELEVANT PROJECTS**

Columbia University, Manhattanville Campus New York, NY BO

Greenwich YMCA\* Greenwich, CT

New Canaan Modern Homes New Canaan, CT

New Milford Plant Oradell, New Jersey

Newark Museum Newark, NJ

Park Lane at Seaview Staten Island, NY

Travelers Tower\* Hartford, CT

Trinity College, Long Walk Hartford, CT

University of Connecticut, Depot Campus Master Plan Storrs, CT

Ledyard Connecticut Municipal Buildings Ledyard, CT

Yale University Art Gallery New Haven, CT

\*in collaboration with Perkins Eastman Architects

BUILDING CONSERVATION ASSOCIATES INC



# RAYMOND M. PEPI President

#### Experience

Raymond Pepi founded Building Conservation Associates, Inc. in September of 1985 to provide historic preservation and materials conservation services for the documentation, analysis, repair, and maintenance of historic buildings, monuments, and works of art. It is one of the oldest and most experienced private firms specializing in historic preservation in the country.

In addition to managing the firm, which has offices in New York, Boston, and Philadelphia, Mr. Pepi is personally involved in many of BCA's projects including the restoration of St. Patrick's Cathedral, the Historic Preservation Plan for Union Station in Washington, DC, and the restoration and adaptive reuse of Moynihan Station.

Mr. Pepi provides historic preservation planning services to clients seeking National Register Nominations and Historic Tax Credits, including the Raymond Commerce Building, Carlton Hotel, Rockefeller Center, Metropolitan Life Insurance Company, the Walt Disney Company, and General Motors. Mr. Pepi also advises clients on local, state, and federal landmark compliance requirements.

Mr. Pepi has taught Architectural Materials Testing at Rensselaer Polytechnic Institute's Building Conservation graduate studies program.

Outside of the classroom, Mr. Pepi has published papers and lectured on a wide variety of conservation topics, including: masonry cleaning, sandstone repair, terra cotta, stone restoration, bronze and stone statue restoration, cast iron, and digital tools for project management and maintenance.

#### Education

Columbia University Graduate School of Architecture, Planning, and Preservation

McCrone Institute Microscopy for Conservators

State University of New York at Stony Brook B.A. in History

# RICARDO VIERA Director, Field Services

#### Experience

Mr. Viera has performed and overseen many conservation and historic preservation consulting projects during his 23 year tenure at BCA. He specializes in the restoration of building materials, with particular expertise in terra cotta restoration.

Currently, Mr. Viera is the Project Manager in charge of the exterior restoration of St. Patrick's Cathedral; the restoration of the Travelers Tower in Hartford, Connecticut; and the exterior restoration of Swartout and Street Hall at Yale University in New Haven, Connecticut.

Some of Mr. Viera's past BCA projects have included exterior restoration of the District Court Buildings in Washington, DC, restoration of Greenwhich YMCA, and window restoration of the Wadsworth Atheneum. He has directed many exemplary terra cotta restorations including the award winning restoration of the Brooklyn Academy of Music; the conservation and installation of a 16th century terra cotta mosaic at the Jewish Museum, New York, New York; the Prospect Park Audubon Center, Brooklyn, New York; and the John and Mable Ringling Museum in Sarasota, Florida.

Prior to joining BCA, in 1990, Mr. Viera served as a Preservation Consultant to the Historic Charleston Foundation in South Carolina and led its Hurricane Hugo Disaster Relief Team. As a consultant, he also developed architectural guidelines for the city of Cocoa, Florida. From 1979 to 1987, Mr. Viera gained experience as a draftsman and engineering technician while working with Moore May Graham Brame Poole/Architects, Inc. in Gainesville, Florida, and David Volkert & Associates in Miami, Florida.

#### Education

Columbia University Graduate School of Architecture, Planning, and Preservation M.S. in Historic Preservation, 1992

University of Florida M.Arch., 1989 Bachelor of Design, 1985



# MICHELE BOYD Director of Preservation Services

#### Experience

Michele Boyd is Director of Preservation Services at BCA, with an expertise in architectural history and preservation planning.

Her work involves collaborating with architects, building owners, developers, museums, and government on issues related to the preservation and treatment of historic buildings, objects, structures, and sites. Ms. Boyd has extensive experience conducting archival research and developing architectural histories, documenting existing conditions, and conducting design review to determine compliance with the local, state and federal landmarks regulations.

Her experience includes completion of a Historic Tax Credit application for the recent adaptive reuse of the former First Battery Armory in Manhattan, development of comprehensive Historic Structure Reports for the 1885 Ballantine Carriage House and the 1863 Polhemus House on the campus of The Newark Museum, development of historic preservation plans for The Newark Museum's planned campus expansion and Columbia University's ongoing expansion into West Harlem, the rehabilitation of the Brooklyn Bridge, the adaptive re-use of the Central Park Stable for the Central Park Police Precinct, and the rehabilitation of Cullum Hall at the U.S. Military Academy at West Point.

Education Columbia University M.S., Historic Preservation

Lehigh University B.A., English

# Hunter Research, Inc.

120 West State Street Trenton, NJ 08608 609-695-0122 www.hunterresearch.com

# Hunter Research, Inc.

Hunter Research, Inc. is a full service cultural resource management consulting firm headquartered in Trenton, New Jersey. The company offers in-house expertise in history, architectural history, archaeology (prehistoric, historical, industrial), material culture, historical/cultural geography, preservation planning and historic interpretive exhibit development. The firm employs 20 full-time staff, including eight staff who hold graduate degrees. Through a well-established network of subconsultants. Hunter Research offers specialist expertise in industrial history/archaeology and underwater archaeology, materials conservation. The company has an emphatic regional emphasis and stresses the importance of making its work intelligible and meaningful to the general public. Senior personnel are closely familiar with pertinent Federal, State and local regulations and guidelines for cultural resource studies.

Since its founding in 1986, Hunter Research has completed approximately 900 cultural resource projects in the Middle Atlantic and Northeastern United States. The majority of these studies have been conducted under indefinite delivery contracts for U.S. Army Corps of Engineers districts (Philadelphia, Baltimore and New York) and for state transportation departments (New Jersey, Delaware and Vermont). Projects have involved a broad spectrum of cultural resource types and challenges, and have been carried out in a variety of settings throughout the region (e.g., urban, suburban and rural; onshore and offshore; on contaminated sites). The company has provided cultural resources consulting services for several major urban and waterfront redevelopment projects in the New York City and Philadelphia metropolitan areas.

Over the years, typical services have included historical and archival research, reconnaissance and survey-level historic architectural and archaeological studies, and mitigation through HABS/HAER documentation, archaeological data recovery excavation and monitoring, and other measures aimed at making the results of cultural resources investigations accessible to the local citizenry. The firm is becoming increasingly involved in public outreach initiatives relating to cultural resource management work, most notably in the design of parks, landscape enhancement projects and the production of popular materials (posters, booklets, videos, exhibits, presentations, school programs) suitable for distribution to local communities.

Richard W. Hunter PRESIDENT

> Ian C. Burrow VICE PRESIDENT

# RICHARD W. HUNTER President/Principal Archaeologist, Ph.D., RPA

#### **EDUCATION**

Ph.D., Geography, Rutgers University, New Brunswick, New Jersey, 1999. Dissertation Title: Patterns of Mill Siting and Materials Processing: A Historical Geography of Water-Powered Industry in Central New Jersey

- M.A., Archaeological Science, University of Bradford, England, 1975
- B.A., Archaeology and Geography, University of Birmingham, England, 1973

#### **EXPERIENCE**

1986-present President/Principal Archaeologist Hunter Research, Inc., Trenton, NJ

> Founder and principal stockholder of firm providing archaeological and historical research, survey, excavation, evaluation, report preparation, historic exhibit development and public outreach services in the Northeastern United States. Specific expertise in historical and industrial archaeology (mills, iron and steel manufacture, pottery manufacture), historical geography, historic landscape analysis, historic interpretive design and public outreach products. Participation in:

- Project management, budgeting and scheduling
- Proposal preparation and client negotiation
- Hiring and supervision of personnel
- Supervision of research, fieldwork, analysis and report preparation
- Historic exhibit development, popular and academic publications and public presentations
- 1999-2004 Faculty Member, Certificate in Historic Preservation Office of Continuing Education, Drew University, Madison, NJ
  - Courses: The Role of Archaeology in Preservation 25 Years of Public Archaeology in New Jersey
- 1983-1986 Vice-President/Archaeologist Heritage Studies, Inc., Princeton, NJ

Principal in charge of archaeological projects. Responsibilities included:

- Survey, excavation, analysis, and reports
- Client solicitation, negotiation, and liaison
- Project planning, budgeting, and scheduling
- Recruitment and supervision of personnel

1981-1983 Principal Archaeologist Cultural Resource Group, Louis Berger & Associates, Inc., East Orange, NJ Directed historical and industrial archaeological work on major cultural resource surveys and mitigation projects in the Mid-Atlantic region. Primary responsibility for report preparation and editing.

 Hunter Research, Inc.
 Historic Resource Consultants
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 www.hunterresearch.com

Member: ACRA American Cultural Resources Association

#### **RICHARD W. HUNTER**

1979-1981	Archaeological Consultant, Hopewell, NJ
1978-1981	Adjunct Assistant Professor, Department of Classics and Archaeology, Douglass College, Rutgers University, NJ
1978-1979	Research Editor Arete Publishing Company, Princeton, NJ
	Prepared and edited archaeological, anthropological, and geographical encyclopedia entries ( <i>Academic American Encyclopedia</i> , 1980).
1974-1977	Archaeological Field Officer Northampton Development Corporation, Northampton, England
	Supervised archaeological salvage projects executed prior to development of the medieval town of Northampton (pop. 230,000).
	<ul> <li>Experience included:</li> <li>Monitoring of construction activity</li> <li>Supervision of large scale urban excavations</li> <li>Processing of stratigraphic data and artifacts</li> <li>Preparation of publication materials</li> </ul>
1969-1970	Research Assistant

Department of Planning and Transportation, Greater London Council

# SPECIAL SKILLS AND INTERESTS

- waterpowered mill sites
- canals and urban water powers
- iron and steel manufacture
- pottery manufacture
- historic cartography
- scientific methods in archaeology
- historic sites interpretation and public outreach

#### SELECTED PUBLICATIONS

"Historical Archaeology in Trenton: A Thirty-Year Retrospective." In *Historical Archaeology of the Delaware Valley, 1600-1850*, edited by Richard Veit and David Orr. University of Tennessee Press, Knoxville, Tennessee [2013] (with Ian Burrow).

"Internal Oxidation of Cast Iron Artifacts from an 18th-century Steel Cementation Furnace." *Journal of Archaeological Science* XXX, 1-8 [2012] (with Colin Thomas and Robert Gordon).

"Steel Away: the Trenton Steel Works and the Struggle for American Manufacturing Independence." In Footprints of Industry: Papers from the 300th Anniversary Conference at Coalbrookdale, 3-7 June 2009, edited by Paul Belford, Marilyn Palmer and Roger White. BAR British Series 523 [2010] (with Ian Burrow).

"Early Milling and Waterpower." In *Mapping New Jersey: An Evolving Landscape*, edited by Maxine N. Lurie and Peter O. Wacker, pp. 170-179. Rutgers University Press [2009].

"On the Eagle's Wings: Textiles, Trenton, Textiles, and a First Taste of the Industrial Revolution." *New Jersey History* 124, Number 1, 57-98 [2009] (with Nadine Sergejeff and Damon Tvaryanas).

#### **RICHARD W. HUNTER**

"The Historical Geography and Archaeology of the Revolutionary War in New Jersey." In New Jersey in the American Revolution, edited by Barbara J. Mitnick, pp.165-193. Rutgers University Press [2005] (with Ian C.G. Burrow).

"Lenox Factory Buildings Demolished." Trenton Potteries 6(2/3):1-19 [2005].

Fish and Ships: Lamberton, the Port of Trenton. New Jersey Department of Transportation and Federal Highway Administration [2005] (28-page booklet).

*Power to the City: The Trenton Water Power.* New Jersey Department of Transportation and Federal Highway Administration [2005] (24-page booklet).

Rolling Rails by the River: Iron and Steel Fabrication in South Trenton. New Jersey Department of Transportation and Federal Highway Administration [2005] (24-page booklet).

*Quakers, Warriors, and Capitalists: Riverview Cemetery and Trenton's Dead.* New Jersey Department of Transportation and Federal Highway Administration [2005] (24-page booklet) (with Charles H. Ashton).

"Keeping the Public in Public Archaeology." In: *Historic Preservation Bulletin*, pp. 6-9. New Jersey Department of Environmental Protection, Division of Parks and Forestry, Historic Preservation Office [2004].

"A Coxon Waster Dump of the Mid-1860s, Sampled in Trenton, New Jersey." In: *Ceramics in America*, edited by Robert Hunter, pp. 241-244. University Press of New England [2003] (with William B. Liebeknecht and Rebecca White).

"The Richards Face – Shades of an Eighteenth-Century American Bellarmine." In: *Ceramics in America*, edited by Robert Hunter, pp. 259-261. University Press of New England [2003] (with William B. Liebeknecht).

"The Pottery Decorating Shop of the Mayer Arsenal Pottery Company." *Trenton Potteries* 4(2):1-7 [2003].

"Minutes of the Potters Union (Part 2)." Trenton Potteries 4(1):1-5 [2003].

"Minutes of the Potters Union (Part I)." Trenton Potteries 3(4):1-5 [2002].

"Eighteenth-Century Stoneware Kiln of William Richards Found on the Lamberton Waterfront, Trenton, New Jersey." In: *Ceramics in America*, edited by Robert Hunter, pp. 239-243. University Press of New England [2001].

"William Richards' Stoneware Pottery Discovered!" *Trenton Potteries* 1(3):1-3 [2000]. Reprinted in *Bulletin of the Archaeological Society of New Jersey* 59:71-73 [2004].

"Trenton Re-Makes: Reviving the City by the Falls of the Delaware." *Preservation Perspective* XVIII (2): 1, 3-5 [1999]

"Mitigating Effects on an Industrial Pottery." CRM 21(9):25-26 [1998] (with Patricia Madrigal).

From Teacups to Toilets: A Century of Industrial Pottery in Trenton, Circa 1850 to 1940, Teachers Guide sponsored by the New Jersey Department of Transportation, 1997 (with Patricia Madrigal and Wilson Creative Marketing).

"Pretty Village to Urban Place: 18th Century Trenton and Its Archaeology." New Jersey History, Volume 114, Numbers 3-4, 32-52 [Fall/Winter 1996] (with Ian Burrow).

Hopewell: A Historical Geography. Township of Hopewell [1991] (with Richard L. Porter).

#### **RICHARD W. HUNTER**

"Contracting Archaeology? Cultural Resource Management in New Jersey, U.S.A." *The Field Archaeologist* (Journal of the Institute of Field Archaeologists) 12, 194-200 [March 1990] (with Ian Burrow).

"American Steel in the Colonial Period: Trenton's Role in a 'Neglected' Industry." In Canal History and Technology Proceedings IX, 83-118 [1990] (with Richard L. Porter).

"The Demise of Traditional Pottery Manufacture on Sourland Mountain, New Jersey, during the Industrial Revolution." Ch. 13 in *Domestic Potters of the Northeastern United States, 1625-1850.* Studies in Historical Archaeology, Academic Press [1985].

#### **PROFESSIONAL AFFILIATIONS**

Registry of Professional Archeologists (RPA) [formerly Society of Professional Archeologists] (accredited 1979; certification in field research, collections research, theoretical or archival research) Preservation New Jersey (Board Member, 1994 - 2003) New Jersey State Historic Sites Review Board (Member, 1983 -1993) Society for Historical Archaeology Society for Industrial Archaeology Society for Post-Medieval Archaeology Historical Metallurgical Society Council for Northeast Historical Archaeology Archaeological Society of New Jersey (Life Member; Fellow, 2011)

#### **OTHER AFFILIATIONS**

Mercer County Cultural & Heritage Commission (Commissioner, 2011 – present) Trenton Downtown Association (Board Member, 1998 – present; Board Chair, 2007 - 2008) Trenton Museum Society, (Trustee, 2011 – present) Port of Trenton Museum Foundation (Board Member 2003 – present) Hopewell Township Historic Preservation Commission (Member, 1998 - 2006; Chair 2003 - 2004)

# HUNTER RESEARCH

Richard W. Hunter PRESIDENT

> Ian C. Burrow VICE PRESIDENT

# JAMES S. LEE, III Principal Investigator, M.A., RPA

## **EDUCATION**

M.A., Archaeology, University of Durham, Durham, United Kingdom, 1996

B.A., Anthropology and History, Rutgers University, New Brunswick, New Jersey, 1995

#### EXPERIENCE

2001-present	Principal Investigator/Report Manager Hunter Research, Inc., Trenton, NJ
	<ul> <li>Technical and managerial responsibilities for survey, evaluation and mitigation of selected archaeological projects. Technical and managerial responsibility for report production. Participation in: <ul> <li>overall site direction and day-to-day management</li> <li>development and implementation of research, excavation and analysis strategies for prehistoric and historic archaeological sites</li> <li>report and proposal preparation</li> <li>supervision of cartographic and GIS product, graphic design and report layout</li> <li>hiring and supervision of personnel</li> </ul> </li> </ul>
2001	Crew Chief Kittatinny Archaeological Research, Stroudsburg, Pennsylvania • survey and excavation • supervision of field personnel • stratigraphic and artifact analysis
1997-2001	<ul> <li>Principal Investigator/Project Manager</li> <li>Cultural Resource Consulting Group, Highland Park, New Jersey</li> <li>overall site direction and day-to-day management</li> <li>development and implementation of research, excavation and analysis strategies for prehistoric and historic archaeological sites</li> <li>report and proposal preparation</li> <li>hiring and supervision of personnel</li> </ul>
1997-2000	Laboratory Supervisor Cultural Resource Consulting Group, Highland Park, New Jersey Technical and managerial responsibilities for laboratory components of archaeological projects.Participation in: • management of laboratory operations • supervision of laboratory personnel • computerization of artifact data • prehistoric and historic ceramic analysis • preparation of artifact inventories and writing of artifact sections of reports

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James S. Lee, III

1996-1997 Field Technician Cultural Resource Consulting Group, Highland Park, New Jersey

#### SPECIAL SKILLS AND INTERESTS

- canals and associated water control structures
- waterpowered mill sites
- iron manufacture
- prehistory of the northeastern United States
- prehistoric lithic technology
- historic sites interpretation and public outreach

#### CERTIFICATIONS

OSHA 40-hour Initial Training, 2002 OSHA 8-hour Refresher Course, 2012 OSHA 8-hour Confined Space Entrant Training 2007 Register of Professional Archaeologists

#### **PROFESSIONAL AFFILIATIONS**

Society for Industrial Archaeology Archaeological Society of New Jersey, Recording Secretary Society for Pennsylvania Archaeology New York State Archaeological Association Canal Society of New Jersey Warren County Morris Canal Committee Society for Industrial Archeology Eastern States Archaeological Federation Hunter Research, Inc. Relevant Experience .

		School Projects	rojects	
Project Name	Client	Dates	Budget	Description
Westtown School Lake Dam	Princeton Hydro, Inc.	2014	\$19,265	Phase IB archaeological survey in connection
Renovation Project,	(for Westtown School)			with proposed improvements by the Westtown
Westtown Township,				School to restore the dam and lake located on
Chester County				school property.
Pennsylvania				
Duffy School Apartments,	Conifer Realty, LLC	2013	\$3,250	Phase larchaeological survey in connection with
Florence Township,				the renovation, expansion and conversion of the
Burlington County, New				Marcella L.Duffy School into apartments.
Jersey				
Church Farm School,	RGS Energy, Inc.	2012	\$5,327	Phase IA archaeological survey of a proposed
Whiteland Township,				solar energy system located within the Church
Chester County				Farm School property.
Pennsylvania				
Vine Street School, Block	Lammy & Giorgio	6007	\$13,897	Phase I archaeological survey in connection with
259, Cumberland County,				an adaptive re-use plan to convert the Vine
New Jersey				Street School into offices and erect a parking
				structure on the lot to the rear.
Elliott Street School, City of	New Jersey Schools	2008-2014	\$13,076	HABS documentation of the Elliot Street School
Newark, Essex County, NJ	Development			in connection with demolition and
	Authority			reconstruction; development of historic signage
				plan.
Early Childhood Center #13,	New Jersey Schools	2008-2013	\$65,371	Preparation of written specifications and
City of Jersey City, Hudson	Development			drawings for salvaging and reusing architectural
County, New Jersey	Authority		_	elements from the Claremont Branch of the
				Trust Company of New Jersey into the design of
				the Early Childhood Center #13; preparation of
				mitigation plan and historic interpretive signage
				program for the school.

Victor Mravlag Elementary School #21, City of Elizabeth, Union County, NJ	New Jersey Schools Development Authority	2006-2014	\$44,364	Archaeological investigations, HABS documentation, and archaeological monitoringin connection with proposed additions and improvements to the Victor Mravlag Elementary School.
Martin Luther King, Jr. Junior High School and Thomas Jefferson Elementary School, City of Trenton, Mercer County, New Jersey	Environmental Connection, Inc. (for the Trenton Board of Education)	2006	\$17,413	Historical research and archaeological investigations in connection with an expansion of the school facilities, which included the construction of a new complex of buildings between the two schools.
Harry L. Bain Elementary School, West New York, Hudson County, New Jersey	New Jersey Schools Development Authority	2006-2007	\$19,579	HABS documentation of the Mehlin & Sons Piano Company/Kaufman Brothers and Bondy Factory building, in connection with the reconstruction of the Harry L. Bain Elementary School.
Franklin Township Elementary School, Franklin Township, Hunterdon County, New Jersey	Franklin Township Board of Education	2006	\$14,568	Cultural resource assessment in connection with the proposed expansion of the Franklin Township Elementary School.
Theodore Roosevelt School 17, City of Elizabeth, Union County, New Jersey	Skidmore, Owings & Merrill (for the New Jersey Schools Construction Corporation)	2005	\$10,000	Historical and cultural resource studies carried out in connection with the proposed demolition and replacement of Theodore Roosevelt School 17.
Octavius V. Catto Community School and Boys and Girls Club Camden, Camden County, New Jersey	Langan Engineering	2005	\$12,000	Archaeological protection plan and interpretive signage plan for Dudley Grange, prepared in connection with the construction of the Octavius V. Catto Community School and Boys and Girls Club.
Appoquinimink School District School Sites, Town of Middletown and New Castle County, Delaware	Buck Simpers Architect & Associates	2004	\$5,972	Phase IA cultural resource study conducted in connection with the Appoquinimink School District's selection of a site for a new school.

Camden Creative and	Skidmore, Owines &	2003-2004	<b>\$38.459</b>	Phase IA cultural resources survey. Phase IB
Performing Arts High	Merrill (for the New			archaeological investigation; Historic Sites
School, City of Camden,	Jersey Schools			Council application.
Camden County, New	Construction			÷
Jersey	Corporation)			
Woodrow Wilson High	Skidmore, Owings &	2003	\$10,000	Historical and cultural resources assessment.
School, City of Camden,	Merrill (for the New			
Camden County, New	Jersey Schools			
Jersey	Construction			
	Corporation)			
Camden High School, City	Skidmore, Owings &	2003	\$5,000	Historical and cultural resources assessment.
of Camden, Camden	Merrill (for the New			
County, New Jersey	Jersey Schools			
	Construction			
	Corporation)			
		Other Similar Experience	Experience	
Statue of Liberty National	Atkins North America	2011-ongoing	\$104,588	Archaeological monitoring services in
Monument, Liberty Island,	(for the National Park			connection with security improvements, utilities
New York	Service)			upgrades, and repairs to damage caused by
				Hurricane Sandy.
The Newark Museum	<b>Building Conservation</b>	2006-2009	\$98,645	Phase IA archaeological assessment; Phase IB
Signature Project, City of	Associates, Inc.			and II archaeological survey in connection with
Newark, Essex County,				the Newark Museum's planned expansion
New Jersey				project.
Yonkers Marina, City of	Daniel Natchez &	2004	<b>\$18,013</b>	Phase I archaeological investigations in
Yonkers, Westchester	Associates			connection with the construction of a marina
County, New York				with wharves, buildings, parking and associated
				utilities in downtown Yonkers, New York.
Princeton Public Library,	Princeton Public	2000-2002	\$23,033	Historical and archaeological assessment before
Princeton, Mercer County,	Library			demolition of old Princeton Public Library
New Jersey				building; archaeological monitoring in
				connection with ground preparation and soil
				remediation work

Child Health Institute, City	Hillier Group	2002-2003	\$48,300	Historic architectural assessment; single
of New Brunswick,				complex of buildings comprising the St. Ladislaus
Middlesex County, New				Catholic Church, Rectory, Convent, School and
Jersey				Hall complex was judged potentially eligible for
				inclusion in the National Register of Historic
				Places. Phase IA archaeological assessment of
				the project site and archaeological monitoring
				during construction was also undertaken.

Milone & Macbroom, Inc.