Firm:	Rodier Ebersberger ARCHITECTS LLC
Address:	946 South Main Street Williamstown, New Jersey 08094
Telephone:	(856) 875-2792
Facsimile:	[redacted]
Contact:	Daniel G. Rodier, AIA, NCARB Partner (856) 875-2792 dgrodier@rearchitects.net
Contact:	Daniel G. Rodier, AIA, NCARB Partner (856) 875-2792 dgrodier@rearchitects.net
Organization:	Rodier Ebersberger ARCHITECTS is a Limited Liability Company formed as a Partnership on January 1, 1998 in the State of New Jersey. The two partners are James E. Ebersberger and Daniel G. Rodier.
Legal Status:	The Firm of Rodier Ebersberger ARCHITECTS has never been named in any legal proceeding, arbitration, complaint or court action.

Rodier Ebersberger ARCHITECTS is located 90 miles South of the Interpretive Center at Liberty State Park.

James E. Ebersberger AIA
Daniel G. Rodier AIA

October 28, 2014

Division of Property Management & Construction
33 West State Street 9th Floor, Plan Room
P.O. Box 034
Trenton, New Jersey 08625-0034

Re: RFP – Architectural Services -
Interpretive Center Renovations
Liberty State Park
Project No. P1111-00

Ladies and Gentlemen,

Thank you for giving us the opportunity to share our experience and qualifications to provide the NJDPMC with consulting services for the Interpretive Center Renovations at the Liberty State Park project. Our thirty five years of architectural experience covers a broad spectrum of project services including feasibility studies, facility maintenance and improvement projects, building expansions, as well as new building facilities for clients with diverse needs and challenging project requirements. We have attached a list of our most recent projects as well as professional resumes and references.

The cornerstone of Rodier Ebersberger ARCHITECTS is the direct involvement of the firm's principals, from project inception through project delivery. We employ a client focused approach to our projects to deliver cost effective, quality services through excellence in project execution.

Our firm has teamed and worked closely with municipal, state and federal governments, public school districts, and public entities to complete successful projects of varied scope and complexity. We are confident that this Interpretive Center Renovations project can be completed on time and with no change orders.

We look forward to the opportunity to working with NJDPMC and the New Jersey Parks Department, along with the NJDEP to meet all of your project goals and objectives.

Thank you for your time and consideration!

Sincerely,

Daniel G. Rodier, AIA, NCARB

James E. Ebersberger, AIA, NCARB

946 South Main Street Williamstown New Jersey 08094 856 875 2792
Rodier Ebersberger ARCHITECTS LLC

State of New Jersey Department of the Treasury Division of Property Management and Construction	**PRELIMINARY TECHNICAL PROPOSAL**	**FORM 48B** 4/06

1. FIRM NAME & ADDRESS: SBE ☐

Rodier Ebersberger Architects, LLC
946 South Main Street
Williamstown, NJ 08094

2. PROJECT NUMBER: P1111-00

PROJECT TITLE: Interpretive Center Renovations
Liberty State Park

3. CONTACT PERSON: Daniel G. Rodier, AIA

TITLE: Partner

PHONE NUMBER: (856) 875-2792

FAX: [redacted]

E-MAIL: dgrodier@comcast.net

4. IF JOINT VENTURE; NAME OF ADDITIONAL FIRM(S). (ALL FIRMS MUST BE PRE-QUALIFIED BY THE DPMC)

FIRM NAME:

☐ SBE

☐ SBE

5. FIRMS TOTAL TECHNICAL PERSONNEL BY DISCIPLINE (JV's COMBINED PERSONNEL)

2	ARCHITECTS		CONSTRUCTION INSPECTORS
	PLANNERS		ENVIRONMENTAL ENGINEERS
	LANDSCAPE ARCHITECTS		GEOLOGISTS
2	INTERIOR DESIGNERS	2	SPECIFICATION WRITERS
	MECHANICAL ENGINEERS	1	ESTIMATORS
	ELECTRICAL ENGINEERS	1	DRAFTSMEN
	CIVIL ENGINEERS		SURVEYORS
	STRUCTURAL ENGINEERS	1	SCHEDULERS
	SOILS ENGINEERS		
	SANITARY ENGINEERS		
		5	TOTAL PERSONNEL

6. KEY SUB-CONSULTANTS FOR THIS PROJECT (ALL KEY SUB-CONSULTANTS MUST BE PRE-QUALIFIED BY THE DPMC)

NAME & ADDRESS:	SPECIALTY:	SBE	PRE-QUAL RATING
Alderson Engineering, Inc.	MPE Engineering Design	Yes	5 Million
Environmental Design, Inc.	Environmental Design & Testing		Yes -NA
Van Sickle & Rolleri	Exhibit Design		NA

7. ORGANIZATIONAL CHART OF PROPOSED PROJECT TEAM (Include firm's names, team member's names and titles)

SEE ATTACHED

8. LIST OF APPLICANT FIRM(s) AND SUB-CONSULTANT(s) KEY PERSONNEL TO BE ASSIGNED TO THIS PROJECT:			
FIRM NAME	NAME	TITLE	DISCIPLINE/RESPONSIBILITY
SEE ATTACHED			

9. WORK BY APPLICANT FIRM(s) WHICH BEST ILLUSTRATES CURRENT QUALIFICATIONS RELEVANT TO THIS PROJECT. ALL PROJECTS MUST HAVE BEEN COMPLETED WITHIN THE PAST 10 YEARS. (Maximum 10 projects per firm/sub-consultant)

PROJECT NAME AND LOCATION	NATURE OF FIRM'S RESPONSIBILITY	OWNERS NAME AND ADDRESS	COMPLETION DATE OR % COMPLETED	ESTIMATED COST	
				ENTIRE PROJECT	WORK FOR WHICH FIRM WAS/IS RESPONSIBLE
SEE ATTACHED					

10. PROVIDE ANY ADDITIONAL INFORMATION SUCH AS PROJECT APPROACH, SPECIAL RESOURCES OR OTHER RELEVANT QUALIFICATIONS OF YOUR FIRM, PROJECT TEAM OR JOINT VENTURE. IF BROCHURES OR PHOTOS OF PROJECTS ITEMIZED IN BOX(es) 9 AND 10 ARE INCLUDED THEY MUST BE CLEARLY NOTED AS TO WHICH FIRM WAS RESPONSIBLE FOR THE WORK.

SEE ATTACHED

11. CERTIFICATION BY PREPARER:

I being duly authorized, certify that the information supplied herein, including all attached pages, is complete and correct to the best of my knowledge.

Daniel G. Rodier
NAME

Partner
TITLE

SIGNATURE

October 28, 2014
DATE

ATTACH SBE CERTIFICATE(S)

SEE ATTACHED

DESCRIPTION OF FIRM

Rodier Ebersberger Architects LLC

James E. Ebersberger AIA, NCARB

Daniel G. Rodier AIA, NCARB

With a solid thirty five year foundation of diverse facility experience, Rodier Ebersberger ARCHITECTS brings to the table the expertise and desire to meet the challenges and needs of our clients. With a vision for the future we are strongly focused on delivering quality, cost effective projects. Our firm is client focused and committed to *'excellence in project execution'*.

Rodier Ebersberger ARCHITECTS is uniquely qualified to provide the New Jersey DPMC with a broad spectrum of architectural services including planning, long range facility plans, facility maintenance projects, renovation and alterations to existing facilities, building infra structure projects, ADA compliance projects, as well as new building facilities. Our firm has completed numerous facility upgrades and maintenance projects for our government and public school clients.

Rodier Ebersberger ARCHITECTS has served as Architect of Record for the Lindenwold, Laurel Springs, Clayton, Winslow, Woodlynne, and Upper Township Boards of Education. Over the twelve year period, facility improvement projects have included updated Long Range Facility Plans, additions, alterations, window replacements, central boiler plant and HVAC equipment replacements, mold remediation projects, as well as roof replacement projects. Work has also included ADA compliant upgrades, building accessibility improvements, and new building facilities. We also serve as Architect of Record for Camden, Cumberland and Burlington Counties.

Rodier Ebersberger ARCHITECTS recently completed a multi phased project for the Township of Alloway which included various facility upgrades and improvements for the adaptive reuse of the vintage 1925 Alloway School. Building alterations including roof replacement, window replacement, brick repair and interior renovations were completed creating an accessible, ADA compliant facility used by the senior citizens and the Township administration and municipal offices. Funding, in the form of Small Cities Grants, was secured from the NJDCA for the project.

Other projects of note include the *2006 National Silver Design Award* winning Williamstown Fire Department Substation, Margate City Public Library, Monroe Township Library, Voorhees Fire District, Emergency Services Building, New Point Pleasant Marine Police Station for the New Jersey State Police, and Vineland City Fire Station. New projects on the boards include the Burlington County Prosecutor's Office and Evidence Processing Facility and the Mansfield Township Police Department Facility.

Rodier Ebersberger ARCHITECTS utilizes a team approach, matching our consultants to the project specific needs of our clients. Our consultants have extensive portfolios of project experience, particularly in public, municipal, and government facilities.

Rodier Ebersberger ARCHITECTS and our project consultants look forward to providing the New Jersey DPMC with quality architectural services to meet all of your project goals and objectives.

PROFESSIONAL SUMMARY

Daniel G. Rodier AIA, NCARB, Architect

EDUCATION:

Temple University, Philadelphia, Pennsylvania
B.A., Architecture, 1981

PROFESSIONAL LICENSES/CERTIFICATES:

Registered Architect, New Jersey, NCARB

SUMMARY OF EXPERIENCE:

Dan is an Architect with over 28 years of experience as a Project Manager, Project Architect and Construction Administrator. Project background includes Educational, Municipal, State and Federal facilities, commercial and industrial facilities as well as institutional facilities. Projects range from new buildings (including schools, fire stations, emergency management facilities, libraries, medical facilities, corporate offices), renovations (including municipal, educational, institutional) to maintenance upgrades and forensic investigative work.

PROJECT EXPERIENCE:

Lindenwold Borough Board of Education, Various School Projects including window replacement, brick repairs and interior renovations.

Winslow Township Board of Education, Various Re-roofing Projects

Cherry Hill DOT Renovations, State of New Jersey

Williamstown High School

Clayton Borough Board of Education, Various School Projects including window replacement, brick repairs, additions and interior renovations

Monroe Township Board of Education, Various School Projects including mold remediation Interior renovations, HVAC and lighting upgrades, and new building facilities

Upper Pittsgrove Township Elementary School

Master Planning and various facility projects at Rowan University (Glassboro State College)

Haddonfield Borough Board of Education, Various School Projects including additions and historic interior renovations.

Voorhees Fire Station, Voorhees Fire District

Williamstown Fire Station No. 2, Williamstown Fire Company No.1

Point Pleasant Marine Law Enforcement Facility, State of New Jersey

Gloucester County Administration Building and Emergency Management Satellite

Monroe Township Free Public Library

City of Margate Public Library

Westville Borough Public Library

ASSOCIATIONS AND ORGANIZATIONS:

American Institute of Architects, New Jersey Chapter & West Jersey Chapter

Association for Project Managers

National Council of Architectural Accreditation Boards, NCARB

Past President, Rotary International, Williamstown Rotary Club

Monroe Township Board of Education Facilities Planning Committee

PROFESSIONAL SUMMARY

James E. Ebersberger AIA, NCARB, Architect

EDUCATION:

B.A., Architecture, New York Institute of Technology, 1982

PROFESSIONAL LICENSES/CERTIFICATES:

Registered Architect, New Jersey, New York, and Pennsylvania

SUMMARY OF EXPERIENCE:

Jim is a Registered Architect with over 25 years experience as a Project Manager, Project Architect, and Construction Administrator for educational facilities, municipal facilities, corporate and industrial projects in the United States and abroad. Project experience includes new educational facilities, expansion and renovation of existing facilities, as well as, new industrial and process facilities, expansion and renovation of municipal, corporate, process and industrial facilities.

PROJECT EXPERIENCE:

Voorhees Fire District, Renovations to Station 663 including HVAC, plumbing, lighting and interior renovations

Winslow Township Fire Department

Laurel Springs Board of Education, Various Facility Renovation Projects and School Addition

Alloway Township Senior Citizens' / Municipal Offices Complex

Winslow Township Board of Education, Various Facility Renovation Projects

Logan Township Elementary School, Logan Township, New Jersey

Upper Pittsgrove School, Upper Pittsgrove, New Jersey

Alloway Township Board of Education, Various Facility Projects and School Additions

Voorhees Township Board of Education, Various Facility Projects and School Additions

Borough of Seaside Heights Board of Education, Elementary School Addition

Warner Lambert, Ireland

Kodak Company, China

QGBC Laffan Refinery, Ras Laffan, Qatar.

Witco Performance Chemicals, Perth Amboy, New Jersey.

Eastman Kodak, Rochester, New York.

Carpenter Technology Corporation, Reading, Pennsylvania

Huntington Learning Center, Cherry Hill, NJ

Kingdom Hall of Jehovah Witness, Williamstown, New Jersey

Apostles Lutheran Church, Turnersville, New Jersey

ASSOCIATIONS AND ORGANIZATIONS:

American Institute of Architects, New Jersey Chapter & West Jersey Chapter

National Council of Architectural Accreditation Boards, NCARB

Winslow Township Planning Board, 1988 to 2002

Winslow Township Youth Soccer Association, 1996 to Present

Winslow Township Strategic Planning Committee, 2001

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET*

NAME: Daniel G. Rodier, AIA
TITLE: Partner
FIRM: Rodier Ebersberger Architects, LLC

PROJECT TITLE, LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION DOCUMENTS, CONSTRUCTION ADMINISTRATION	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBERS INVOLVEMENT ON THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WORK WEEK	DATES OF THE TEAM MEMBERS INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME, CONTACT PERSON AND PHONE NUMBER
New Vineland Fire Station City of Vineland, NJ $ 2,574,700.00	Rodier Ebersberger Architects	Architect of Record S / S / CD / CA	Project Architect	36	30%	2009 thru 2012	
New Voorhees Fire Station Voorhees, NJ $ 4,500,000.00	Rodier Ebersberger Architects	Architect of Record S / S / CD / CA	Project Architect	24	35%	2010 thru 2012	
Lindenwold School District Renovations to four schools Lindenwold, NJ $ 15,000,000.00	Rodier Ebersberger Architects	Architect of Record S / S / CD / CA	Project Architect	112	25%	2003 thru 2012	
Camden County College Feasibility study/ Truman Hall residence renovations Blackwood, NJ $ 35, 000 est.	Rodier Ebersberger Architects	Architect of Record S / S	Project Architect	2	30%	2006	
Monroe Township Public Library $ 4,550,000.00	Rodier Ebersberger Architects	Architect of Record S / S / CD / CA	Project Architect	72	25%	2005 thru 2010	

* A key team member is a technical or management person devoting 20% or more of their time to any phase of the project.

KEY TEAM MEMBER PROJECT EXPERIENCE DATA SHEET

NAME: James E. Ebersberger, AIA
TITLE: Partner
FIRM: Rodier Ebersberger Architects, LLC

PROJECT TITLE, LOCATION AND TOTAL CONSTRUCTION COST OR FEE	A/E OF RECORD FOR THIS REFERENCED PROJECT	SPECIFIC TYPE OF WORK EXPERIENCE (STUDY, SCHEMATIC, CONSTRUCTION DOCUMENTS, CONSTRUCTION ADMINISTRATION	TEAM MEMBERS SPECIFIC ROLE OR TITLE ON THE REFERENCED PROJECT	DURATION OF TEAM MEMBERS INVOLVEMENT ON THE REFERENCED PROJECT (IN MONTHS)	% OF TIME DURING DURATION BASED UPON A 40 HOUR WORK WEEK	DATES OF THE TEAM MEMBERS INVOLVEMENT IN THE REFERENCED PROJECT	CLIENT NAME, CONTACT PERSON AND PHONE NUMBER
Minotola Fire Department Buena Borough, NJ	Rodier Ebersberger Architects	Architect of Record Feasibility Study	Project Architect	2	30%	2/2012 – 3/2012	[redacted]
Winslow Fire Department Winslow Township, NJ	Rodier Ebersberger Architects	Architect of Record Feasibility Study	Project Architect	6	35%	10/2010 – 05/2011	
Roof Replacement Winslow Schools No. 2 & 3 Winslow Township, NJ $ 1,600,000	Rodier Ebersberger Architects	Schematic Design, Construction Docs, Construction Admin	Project Architect	7	35%	05/2007 - 12/2007	
Addition & Alterations Laurel Springs E.S. Laurel Springs, NJ $ 1,600,000	Rodier Ebersberger Architects	Schematic Design, Construction Docs, Construction Admin	Project Architect	30	45%	04/2006 – 10/2008	
Boiler /HVAC & Roof Replacement Laurel Springs Elementary School Camden County, NJ $ 1,088,000	Rodier Ebersberger Architects	Schematic Design, Construction Docs, Construction Admin	Project Architect	5	35%	4/2006 – 8/2006	
Township of Alloway Senior Citizens / Municipal Office Complex Renovations $ 1,100,000	Rodier Ebersberger Architects	Schematic Design, Construction Docs, Construction Admin	Project Architect	24	40%	2001 - 2004	

* A key team member is a technical or management person devoting 20% or more of their time to any phase of the project.

COMPARABLE PROJECTS

Laurel Springs Board of Education Laurel Springs, New Jersey	Architect of Record *Building Addition, Reroofing, Building System Upgrades Window Replacement*
Lindenwold Board of Education Lindenwold, New Jersey	Architect of Record *LRFP, School No.4, School No.5, Middle School Re-roofing, Window Replacement and Brick Repairs*
Winslow Township Board of Education Winslow Township, New Jersey	Architect of Record *Elementary School # 2 & # 3 Roof Renovations*
Monroe Township Public Library Williamstown, New Jersey	Project Architect *New Public Library*
Margate Public Library Margate, New Jersey	Project Architect *Feasibility Study, Preliminary Design*
Clayton Board of Education Borough of Clayton, New Jersey	Project Architect *LRFP, Early Education Addition, H.S. Gymnasium Addition*
Upper Township Board of Education Township of Upper, New Jersey	Architect of Record *LRFP, Re-roofing, HVAC System Upgrades, Renovations*
Williamstown Fire Department Monroe Township, New Jersey	Project Architect *New Fire Department Substation* ***Winner of National Design Award*
Township of Upper Township of Upper, New Jersey	Project Architect *Community Center Re-roofing*

CURRENT PROJECTS

Laurel Springs Board of Education Laurel Springs, New Jersey	Architect of Record *LRFP, Facility Improvements & Upgrades.*
Mansfield Township Columbus, New Jersey	Architect of Record *Police & Public Works Departments*
Voorhees Fire District Voorhees, New Jersey	Project Architect *New Emergency Services Building*
City of Vineland Fire Company Vineland, New Jersey	Project Architect *New Emergency Services Building*
County of Atlantic	Architect of Record
County of Burlington Mt Holly, New Jersey	Architect of Record *Prosecutor's Office Evidence Facility*
County of Cumberland	Architect of Record
Winslow Township Fire Department Winslow Township, New Jersey	Project Architect *New Emergency Services Building*

Firm History

Alderson Engineering, Inc. (AEI) is a Consulting Engineering firm that began serving the Philadelphia area construction industry in 1990. We are a Pennsylvania corporation and have our headquarters in Southampton, Bucks County. What started as a one-man operation by founder Howard Alderson has grown into an award winning engineering firm with a national reach.

The AEI "Team" maintains a small firm attitude, with big firm capabilities. We pride ourselves in providing a "client first" service no matter the size of the project. The team atmosphere that is foundation of the firm is carried out in the relationships that we develop with each client. It is always our goal to deliver our designs on schedule, on budget, and to make the process an enjoyable one for the entire project team.

Description of Services

Alderson Engineering, Inc. specializes in the design of Mechanical, Electrical, Plumbing, and Fire Protection systems for the building construction industry. We have extensive experience in the design of complex specialty mechanical/electrical systems and thrive when engaged to solve a challenging design problem. We have applied our technical expertise to schools, office buildings, hotels, residential buildings, senior living facilities, restaurants, public buildings, and retail businesses. Our firm relies heavily on computer technology and utilizes Autodesk Revit MEP for Building Information Modeling (BIM) capabilities for every employee. Our goal is to satisfy a core group of clients and grow with their successes. We enjoy the challenge of a complex project and prefer to see the project from conception thru construction.

We offer the following services:

- Mechanical Engineering
- Electrical Engineering
- Lighting Design
- Energy Management
- Feasibility Studies
- System Analysis
- Life Cycle Cost Comparisons
- Energy Conservation
- Geothermal Systems
- LEED™ Commissioning
- Building Information Modeling (Revit MEP)
- Low Voltage System Design

Operational Philosophy

The firm routinely works on multiple projects simultaneously, by developing project teams that see the project from start to finish. The engineers that meet with the client, start the project, develop the design, prepare the plans and specifications, attend construction meetings, are the same engineers that inspect the final work and close out the project. Our staff is dedicated to the design and completion of high efficiency buildings, while preserving the client's capital. The majority of our staff has been working at AEI directly out of college and the average tenure with the company is over 10 years. This results in each employee developing longstanding beneficial relationships with our clients and higher quality projects for the end user.

407 Lakeside Drive | Southampton, PA. 18966 | 215.364.5635 | aldersonengineering.com

Resume
Howard Alderson, P.E.
Principal

EDUCATION:	School: Drexel Univ., Phila Pa.; June, 1975 Degree: Bachelor of Science in Mechanical Engineering Curriculum: Thermodynamics & Fluid Mechanics
REGISTRATION:	Professional Engineer Registered in (20) States.
PROFESSIONAL AFFILIATIONS:	Consulting Engineers Council (CEC) Philadelphia Chapter; 1989-Present; Past Chapter President. Consulting Engineers Council of Pennsylvania (CEC/PA); Board of Directors; Past President; National Director. American Society of Heating, Refrigeration, and Air Conditioning Engineers (ASHRAE); Member 1975 through Present. American Society of Plumbing Engineers (ASPE); Member 1988 through Present. International Ground Source Heat Pump Association (IGSHPA). Building Officials & Code Administrators (BOCA); Member 1998.
WORK EXPERIENCE:	With AEI: Since 1990 With Other Firms: 19 years
PROFILE OF EXPERIENCE:	Mr. Alderson is the President of Alderson Engineering, Inc. of Southampton, Pennsylvania. He is frequently a guest speaker at various conferences, with expertise in the area of Ground Source Heat Pump Systems. His previous projects range from Geothermal Projects to Health Care Facilities, Office Buildings, Industrial Projects, Retail Projects, Hotels and Motels to Residential Projects. He was previously on the Board of Directors of and served as the National Director of the Consulting Engineering Council (CEC) of Pennsylvania after having served as President of the organization.

Howard Alderson is registered as a Professional Engineer in the following States:			
Arkansas #9194	Iowa #17333	Minnesota 43599	Pennsylvania #030397E
Connecticut #20806	Indiana #10707712	New Jersey #29274	South Carolina #20747
Delaware #8382	Maine #11391	New York #075663-1	Vermont #5828
Florida #42997	Maryland #23235	North Carolina #22367	Virginia #29660
Illinois #62051402	Massachusetts #46977	Ohio #69946	Wisconsin #36854-006

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Resume
Travis A. Alderson, P.E., LEED™AP, CBCP®
Principal

EDUCATION:	School: University of Pittsburgh; June, 2004 Degree: Bachelor of Science in Mechanical Engineering School: ASHRAE Air Conditioning & Refrigeration Design School Degree: Certificate of Completion for Two Year Program School: Certification in the Design of VFR HVAC Systems; March 2005. School: ASSE Plumbing Design School Major: Certificate of Completion for Two Year Program
REGISTRATION:	Pennsylvania - Professional Engineer # 076401 USGBC - LEED™ Accredited Professional AEE - Certified Building Commissioning Professional
PROFESSIONAL AFFILIATIONS:	ASHRAE, ASPE, ASSE, DVGBC, AEE
WORK EXPERIENCE:	With AEI: Since 2004 With Other Firms: 0 years
PROFILE OF EXPERIENCE:	Mr. Alderson is currently employed by Alderson Engineering, Inc. as a Mechanical Engineer. His wide range of projects includes Office Buildings, Retail Projects and Healthcare Facilities. American Metro Office Complex; Hamilton, NJ Oxford Valley Medical Office Bldg.; Langhorne, PA. Capital Grille Restaurant; Tampa, FL. Masonic Village; Lafayette Hill, PA Pennsylvania Turnpike – Data Center Upgrades; Harrisburg, PA. National Constitution Center; Philadelphia, PA. Northampton Fire Station; Northampton, PA. Wilmington Trust Bank; Villanova, PA British Airways Lounge; Philadelphia Int. Airport Peirce College; Philadelphia, PA HMS School; Philadelphia, PA La Comunidad; Kennett Square, PA (LEED™) Pennswood Village; Newtown, PA. (LEED™) Vertical Screen; Warminster, PA (LEED™) Oxford Community Center; Oxford, MD (LEED™) Kensington CAPA H.S.; Philadelphia, PA (LEED™)

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Resume
Neal Babcock, P.E., LEED™AP
Associate Principal

EDUCATION:	School: Drexel Univ., Phila. Pa.; June, 2005 Degree: Bachelor of Science in Architectural Engineering. Bachelor of Science in Civil Engineering Master of Science in Civil Engineering Curriculum: Building Systems - Mechanical
REGISTRATION:	New Jersey - Professional Engineer # 24GE05036200
PROFESSIONAL AFFILIATIONS:	American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) Delaware Valley Green Building Council (DVGBC)
WORK EXPERIENCE:	With AEI: Since 2005 With Other Firms: 2 years
PROFILE OF EXPERIENCE:	Mr. Babcock is currently employed by Alderson Engineering, Inc. as a Quality Control Engineer. His wide range of projects includes Office Buildings, Retail Projects and Healthcare Facilities. 1. Design of geothermal well field, mechanical, and plumbing systems. 2. Survey work sites for new construction and demolition of existing systems. 3. Refinement of old and new mechanical designs. 4. Develop technical specifications and work schedules for construction of new, or renovations of existing buildings. 5. Evaluate existing geothermal systems for troubleshooting and equipment faulting. Woodbury School District; Woodbury, NJ. National Constitution Center; Phila. PA. East Whiteland Township Bldg. East Whiteland, PA. Regency Hotel; Mt. Laurel, NJ, Widener University – Thayer Hall; Chester, PA. Pennswood Retirement Community – New 2.5MW Generator Report – Newtown, PA. Cambria County Prison - Ebensburg, PA. Lawnside Elementary School – Lawnside, NJ. West Chester University – Comprehensive Geothermal Plan; West Chester, PA

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Resume
Drew R. McFadden
Associate Principal

EDUCATION:	School: Drexel University, Phila. Pa.; June, 2007 Degree: Bachelor of Science in Mechanical Engineering. Curriculum: Thermodynamics, HVAC & Fluid Mechanics School: ASPE Plumbing Design School Degree: Certificate of Completion for Two Year Program
PROFESSIONAL AFFILIATIONS:	American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) American Society of Plumbing Engineers (ASPE) American Society of Mechanical Engineers (ASME) Delaware Valley Green Building Council (DVGBC)
WORK EXPERIENCE:	With AEI: Since 2005 With Other Firms: 0 years
PROFILE OF EXPERIENCE:	Mr. McFadden is currently employed by Alderson Engineering, Inc. as a Mechanical Engineer. His wide range of projects includes High Rise Buildings, Hotels, Office Buildings, Restaurants, Retail Projects, Condominium Projects and Healthcare Facilities. The Residences @ Two Liberty Place; Philadelphia, PA 1401 Walnut Street; Philadelphia, PA York Square Condominiums; Philadelphia, PA Hotel Monaco, A Kimpton Hotel; Philadelphia, PA (LEED™) Courtyard by Marriott – Philadelphia Navy Yard; Philadelphia, PA Crozer Medical Office Building, Glen Mills, PA Second and State Office Building; Harrisburg, PA (LEED™) Vertical Screen; Warminster, PA (LEED™) Capital Grille Restaurant – Rosemont, IL R2L Restaurant @ Two Liberty Place; Philadelphia, PA STARR Restaurants, Philadelphia, PA Emmaus Surgery Center; Hackettstown, NJ Premier Orthopedic Surgery Center, Vineland, NJ Menlo-Edison Surgery Center; Edison, NJ Masonic Villages of PA – Sewickley Campus; Pittsburgh, PA Pennswood Village; Newtown, PA (LEED™) Kensington CAPA High School; Philadelphia, PA (LEED™) Mariana Braccetti Academy Charter School; Philadelphia, PA Wakisha Charter School; Philadelphia, PA

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Resume
Paul Chiappardi
Chief Construction Administrator

EDUCATION:	School: Drexel University Degree: Bachelor of Science in Mechanical Engineering School: ASHRAE Air Conditioning & Refrigeration Design School Degree: Certificate of Completion for Two Year Program School: ASSE Plumbing Design School Major: Certificate of Completion for Two Year Program School: Temple University Major: Bachelor of Science in Chemistry
REGISTRATION:	Engineer In Training
PROFESSIONAL AFFILIATIONS:	ASHRAE
WORK EXPERIENCE:	With AEI: Since 1992 With Other Firms: 11 years
PROFILE OF EXPERIENCE:	His wide range of projects includes Office Buildings, Retail Projects and Healthcare Facilities. Specialized areas include Water Source Heat Pump System Design as well as variable air volume system design. Society Hill Towers; Diesel Fire Pumps; Phila PA Canaan Baptist Church; HVAC System; Phila PA 19 Campus Blvd; Outside Air Heat Recovery System; Newtown Sq. PA Allegany Community College; Geothermal HVAC System; Bedford, PA Hamilton Ambulatory Surgery Ctr.; Hamilton, N.J. Hamilton Maternity Wing; Hamilton Hospital; Hamilton, N.J. Graduate Hosp. Diagnostic Imaging Center; Bala Cynwyd, PA Presbyterian Hospital PACU renovation; Phila PA Albert Einstein Orthopedic Surgical Center; Jenkintown, PA Graduate Hospital; EtO Sterilizer System; Philadelphia, PA

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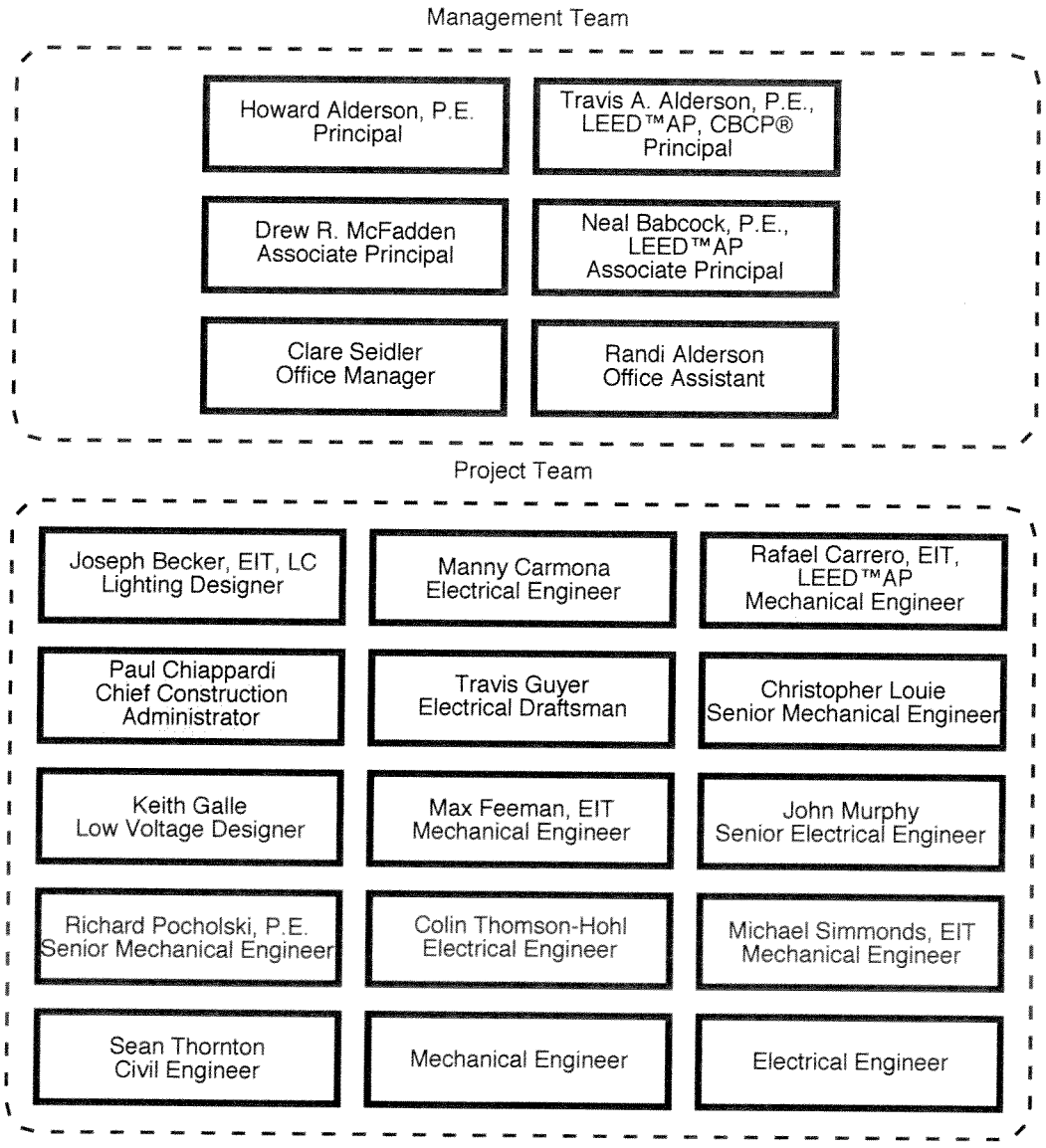
Organizational Chart

All work will be accomplished utilizing AEI employees located at their sole office in Southampton, PA.

The following represents the work assignment to the project:

Howard Alderson, P.E.	Principal in Charge
Travis A. Alderson, P.E., LEED™AP, CBCP®	Project Development
Drew R. McFadden	Mechanical Engineer
John Murphy	Electrical Engineer
Neal Babcock, P.E., LEED™AP	Quality Control Engineer
Paul Chiappardi	Construction Administrator



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Office Buildings		
2501 Parkway, Reliance Insurance Company Corporate Headquarters; Philadelphia, PA.	Chesterbrook Corporate Centers; The Fox Companies; Chesterbrook, PA.	Astra/Merck Corporate Headquarters; Wayne, PA.
Int'l. Court III Office Building; Lester, PA.	Merck & Co. Research Laboratories, 5- Sentry East; Blue Bell, PA	One Presidential Boulevard; HVAC system replacement; Bala Cynwyd, PA
Environmental Consulting Service (ECS II), Eagleview Corporate Center; Exton, PA	Nutri/System Corporation Headquarters; Blue Bell, PA.	Westlakes Office Complex; Trammell Crow Company; Wayne, PA.
Plymouth Corporate Center; Plymouth Meeting, PA.	Chemical Road Office Building, Plymouth Meeting, PA.	Spring Garden Office Building; Phila PA.
The Millennium; Philadelphia, PA.	Merck & Co., 10- Sentry East; Blue Bell, PA.	Rockwood Office Park; Wilmington, De.
Seven Penn Center, Philadelphia, PA.	Walnut Hill Plaza Office Building, PA.	1234 Locust Street, Philadelphia, PA.
Comcast Sportsnet Corporate Headquarters; Philadelphia, PA.	Maple Shade Municipal Complex, Maple Shade, N.J.	The Lippencott Building, 227 E. 6th Street, Phila PA.
PA. Department Of Environmental Resources; Pottsville, PA.	David Cutler Group, 5- Sentry West; Blue Bell, PA.	State Street Square; NJ Treasury Dept. Headquarters; Trenton, N.J.
Bank of Delaware Headquarters; Wilmington, DE.	Wilmington Trust Bank Headquarters; Wilmington, DE.	Marine Midland Bank Headquarters; Wilmington, DE.
One Rodney Square; Wilmington, DE.	Federal Courthouse; Wilmington, DE.	Littler Mendelson, LLP. Offices; Philadelphia, PA.
Wilmington Trust Bank Headquarters - 2000 Renovation; Wilmington, DE.	Richards Layton & Finger, LLP. Offices; Wilmington, DE.	Susquehanna International Group - Corporate Headquarters; Bala Cynwyd, PA.
TELERX, Inc. Corporate Headquarters; Horsham, PA.	TELERX, Inc. Call Center; Horsham, PA.	TELERX, Inc. Call Center; El Paso, TX.
TELERX, Inc. Call Center; Wilkes Barre, PA.		

Historically Significant		
Ker-Feal Residence & Museum; Chester County, PA.	Historic Waynesboro Residence & Museum; Wayne, PA.	Moland House; Warrington, PA.
Morven Museum; Princeton, N.J. *	Sagamore Hotel; Lake George, N.Y. *	Easttown Township Building; Easttown, PA. *
National Constitution Center; Philadelphia, PA.	Carinwood Estate; Bryn Athyn, PA.	Liberty Bell Complex; Philadelphia, PA.
American Philosophical Society, Philadelphia, PA.	Beaumont at Bryn Mawr Estate House, Bryn Mawr, PA. *	Blue Bell Tavern; Philadelphia, PA. *
Philadelphia Zoo Shop; Philadelphia, PA. *	Paxton Residence; Buckingham, PA.	Pierce College - College Hall; Philadelphia, PA.
Academy of Music; Philadelphia, PA.	Wharf at Rivertown; Chester, PA.	American Standard Building; Trenton, N.J.
Beth Sholom Synagogue; Abington, PA.	Harold Prince Theater; Philadelphia, PA.	Kimpton Hotel Monaco; Philadelphia, PA.
1616 Walnut Street Residences; Philadelphia, PA.		

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Multi-Family		
American Hebrew Academy - Faculty Residences; Greensboro, N.C.	Berkeley Apartments; College Park, MD.	Executive House; Philadelphia, PA.
St. Anthony's Apartments, Phila PA.	Wanamaker House; Philadelphia, PA.	MPB Affordable Housing; Phila PA.
Southwark Low Income Housing Project; Phila PA *	Olde Kensington Pavilion - Housing for the Elderly; Philadelphia, PA.	North American Baptist Home for the Aged; Philadelphia, PA.
The Lofts at 17th and Callowhill; Phila PA.	1920 Chestnut Street – Mixed Use Occupancy, Phila PA.	1510 Chestnut Street – Mixed Use Occupancy, Phila PA
Waterside Villas; Hackensack, NJ	Locust Club Condominiums; Philadelphia, PA	640 North Broad Street Apartments; Philadelphia, PA.
Naval Square – Toll Brothers, Philadelphia, PA.	1401 Walnut Street – K. Hovnanian, Philadelphia, PA	York Square Condominiums; Philadelphia, PA.
Waterfront Square Condominiums; High Rise Bldgs #1 & #2; Philadelphia, PA.	JFK Condominiums – Mixed Use Occupancy, Philadelphia, PA.	Stiles Alumni Hall - Drexel University; Phila PA.
Grasselli Hall - Widener University; Chester, PA. *	Sharples Hall - Widener University; Chester, PA. *	West Chester University Student Housing; West Chester, PA. *
American Hebrew Academy - Student Residences; Greensboro, N.C.*	Resident Hall - Bard College; Annandale-on-Hudson, NY. *	Georgia Institute of Technology, 4th St. Housing; Atlanta, GA.*
Student Residences - St. Joseph's University; Bala Cynwyd, PA.		

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Healthcare Facilities		
Graduate Hospital; Philadelphia, PA. • Internal Medicine Renovation • Dept. of Neurology • Gastro-Intestinology Renovation • EtO Sterilization Facility • Cardiac Catheterization Lab • Animal Laboratory • City Avenue - MPE Systems Audit • Skilled Nursing Facility • Diagnostic Imagining Ctr; Bala Cynwyd, PA.	Albert Einstein Healthcare Foundation; Phila, PA. • Fluoroscopy Suite • MRI Upgrade; Jenkintown, PA. • PCHD - HVAC System • Pre-Admission Testing Facility • Boiler Facility ATC System Upgrade • Diagnostic Center; Philadelphia, PA.	Temple University Hospital; Philadelphia, PA • Sports Medicine Clinic; Philadelphia, PA. • Sports Medicine Clinic at Northeastern Hospital; Philadelphia, PA. • Diagnostic Center; Philadelphia, PA. • Diagnostic Center; Horsham, PA.
Belmont Psychiatric Hospital; Phila. PA. • Chiller Replacement • Cafeteria Renovation • Employee Locker Room Renovation • ECT Suite • Lobby Renovation	Presbyterian Hospital; Phila. PA. • Gastro-Intestinology Renovation • PACU • Domestic Water Pump Replacement • Psychiatric Seclusion Rooms • Scheie Eye Institute Lab Renovation	Mercy Health Systems • Mercy-Philadelphia Diagnostic Imaging Center; Philadelphia, PA. • Mercy-Fitzgerald Diagnostic Imaging Center; Lansdowne, PA. • Mercy-Community Diagnostic Imaging Center; Havertown, PA. • Mercy-Eastwick Diagnostic Imaging Center; Philadelphia, PA. • Mercy-Fitzgerald 290 Ton Chiller Replacement & HVAC system upgrades; Lansdowne, PA.
Lower Bucks Hospital - Sleep Disorder Clinic; Bristol, PA.	Phila. Center for Human Development (PCHD), Albert Einstein Healthcare.	Haverford Hospital - Fire Alarm System Upgrade; Havertown, PA.
Delaware Valley Memorial Hospital - Patient Wing Renovation; Drexel Hill, PA.	Radiology Associates, LTD. - MRI Gradient Coil Ventilation, Elkins Park, PA	Masonic Home of New Jersey, Burlington County, NJ
Franklin Hospital - Cardiac O.R.; Phila. PA.	Arbor Glen CCRC; Bridgewater, NJ *	Park Ridge Transitional Care Facility; Philadelphia, PA
Hillmont Endoscopy Clinic; Springhouse, PA.	Beaumont at Bryn Mawr CCRC; Bryn Mawr, PA. *	Wake Robin CCRC; Burlington VT. *
Rittenhouse Manor Care Center; Genesis Eldercare; Philadelphia, PA	Croasdaile Village CCRC; Durham, NC	Park Ridge Medical Office Bldg.; Philadelphia, PA
Golden Gate Assisted Living Facility; Assisted Living Center; Galloway Township, NJ	Brandall Estates Nursing Home; Linwood, NJ	NJ Heart Institute of Southern N.J. - Diagnostic Center; Cherry Hill, NJ
Lutheran Home at Seiders Hill Life Care; North Manheim Township, PA	Neshaminy Manor Nursing Home; Doylestown, PA *	Crozier Medical Center; Chester, PA

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Allegheny Hospital - AHERF Computer Facility; Bala Cynwyd, PA.	Ambulatory Surgical Centers • Ft. Lee Surgi-Center; Ft. Lee, N.J. • Edison Surgi-Center; Edison, N.J. • Linden Surgi-Center; Linden, N.J. • Fairfield Surgi-Center; Fairfield, CT. • Somers Surgi-Center; Somers, N.Y. • Denville Surgi-Center, Edison, N.J. • Middlesex Surgi-Center, Middlesex, N.J. • Denville Surgi-Center, Denville, N.J. • Hillmont Surgi-Center, Willow Grove, PA • East Brunswick Surgi-Center, East Brunswick, N.J. • Cherry Hill Surgi-Center, Cherry Hill, N.J. • Rutherford Surgi-Center, Rutherford, N.J. • Wayne Surgi-Center, Wayne, N.J. • Sparta Surgi-Center, Sparta, N.J. • Basking Ridge Surgi-Center, Basking Ridge, N.J. • Linden Surgi-Center #2, Linden, N.J. • Hackettstown Surgi-Center, Hackettstown, N.J. • Hackensack Surgi-Center, Hackensack, N.J. • Vineland Surgi-Center, Vineland, N.J.	Whitehorse Village CCRC; Newtown Square, PA *
Rothman Medical Center; King of Prussia, PA.		Newbridge on the Charles CCRC; Hebrew Senior Life; Cambridge, MA *
Delaware Valley Medical Center - Energy Audit; Langhorne, PA.		Friedman Pediatric Ventilator Patient Nursing Home, Philadelphia, PA
Plymouth House - Pediatric Ventilator Wing; Plymouth Meeting, PA.		Oxford Valley Medical Office Bldg.; Langhorne, PA.
Hamilton Hospital; Mercer Co., N.J. • Ambulatory Services Center. • Maternity Wing.		Montgomery County Medical Office Building; Montgomery County, PA.
Meadow Lakes CCRC – HVAC & Electrical System Replacement; Hightstown, N.J.		Kennedy Memorial Hospital Medical Office Building – Fire Alarm System; Turnersville, NJ.
Pennswood Village CCRC, Newtown, PA * • MPE Master Plan; • Geothermal HVAC System; • Boiler Replacement; • 2.5 MW Standby Generator; • 13.5 kV Site Electrical Distribution; • Nursing Wing Expansion; • Domestic Hot Water Upgrade;		American Cancer Society, New England Division HQ – Geothermal HVAC System; Framingham MA *
Masonic Village at Lafayette Hill – Common Area Renovations; Lafayette Hill, PA		Masonic Village at Elizabethtown – Ben Franklin Building; Elizabethtown, PA
Masonic Village at Dallas – HVAC System Analysis; Dallas, PA		Masonic Village at Elizabethtown – Washington-Roosevelt Building; Elizabethtown, PA
Masonic Village at Sewickley – MPE & FP System; Sewickley, PA		Masonic Village at Elizabethtown – Formal Gardens; Elizabethtown, PA
		Masonic Village at Elizabethtown – Club House & Buchanan Building; Elizabethtown, PA
		Masonic Village at Elizabethtown – Berks Building; Elizabethtown, PA

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Educational Facilities		
Flemington - Raritan High School; Flemington, N.J. *	Berlin Township School District; Berlin, N.J. *	Art Institute of Philadelphia; Philadelphia, PA.
Hugh F. Boyd School; Seaside Heights, N.J.	New Hope High School, New Hope, PA.	Annenberg Research Institute; Philadelphia, PA.
St. Joseph's University Dormitory and Bridge; Philadelphia, PA.	Stockton State College; Pomona, N.J. *	Barnegat High School; Barnegat, N.J. *
Logan Township Elementary School; Logan Township, New Jersey	Addition and Renovation to Clementon Elementary School, - Clementon, N.J.	Allegany Community College; Beaver, PA. *
Rutgers University Library Renovation, New Brunswick, N.J.	William Penn School District; Delaware County, PA.	South River School District; South River, N.J.
Neff Sr. High School; Manheim Township, PA. *	Middletown High School; Middletown, DE. *	Bard College Dormitory Building; Annandale-on-Hudson, N.Y.
Quantico Dependent High School; Quantico, VA. *	Deptford High School; Deptford, N.J.	Brandywine Elementary School; Downingtown, PA.
Columbia Greene Community College; Hudson, N.Y. *	Hainesport Elementary School; Hainesport, N.J.	Vanderhayden Elementary School; Albany, N.Y. *
Clementon Elementary School Expansion; Clementon, N.J.	Pedricktown Elementary School; Oldmans Township, N.J. *	Chautauqua Middle School; Chautauqua Lake, N.Y. *
Jefferson Elementary School, Albany, N.Y. *	Bayshore Middle School; Middletown, N.J.*	Parkview Elementary School; Westville, N.J.
American Hebrew Academy; Greensboro, N.C.*	Newark Central High School; Newark, N.J. *	Newark Science Park High School; Newark, N.J. *
Long Branch Middle School; Long Branch, N.J. *	Long Branch High School; Long Branch, N.J. •	Abington School District, Abington, PA. *
Christopher Columbus Charter School; Philadelphia, PA.	Drew Elementary School, Hightstown, N.J. *	Edgewater Park Elementary School; Salem, N.J.
HMS School; Philadelphia, PA.	Medford Elementary School; Medford, N.J. *	Medford Elementary School; Medford, N.J. *
Medford Cranberry Pines Elementary School; Medford, N.J. *	West End Elementary School; Woodbury, N.J.	Clementon Elementary School Renovation; Clementon, N.J. *
Woodbury High School Renovation; Woodbury, N.J. *	Woodbury School District HVAC Renovations; Woodbury, N.J. *	Widener University; Chester, PA • Quick School of Business Administration * • Kirkbride Hall Renovation * • Kirkbride Hall Addition * • Grasselli Hall Renovation * • Residence Hall Dormitory • • Schwartz Physical Education Building Renovation

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LEED™ Design and Commissioning		
La Comunidad Hispania Kennett Square, PA Services: MEP Design / LEED™ Consultant Construction Cost: $2,000,000	Pennswood Village Newtown, PA Services: MEP Design / LEED™ Consultant Construction Cost: $10,000,000	Kensington High School Philadelphia, PA Services: MEP Design / LEED™ Consultant Construction Cost: $42,000,000
Vertical Screen Head Quarters Warminster, PA Services: MEP Design / LEED™ Consultant Construction Cost: $15,000,000	Oxford Community Center Oxford, MD Services: MEP Design / LEED™ Consultant Construction Cost: $2,000,000	Erdy McHenry Offices Philadelphia, PA Services: LEED™ Commissioning
Earthres Office Building Pipersville, PA Services: MEP Design / LEED™ Consultant / LEED™ Commissioning Construction Cost: $2,200,000	2nd & State Office Building Harrisburg, PA Services: MEP Design / LEED™ Consultant / LEED™ Commissioning Construction Cost: $10,000,000	Sabert Office Building Sayreville, NJ Services: MEP Design / LEED™ Consultant Construction Cost: $25,000,000
North Shore Community College Danvers, PA Services: Geothermal Design Construction Cost: $21,000,000	Kimpton Hotel Monaco Philadelphia, PA Services: MEP Design / LEED™ Consultant Construction Cost: $40,000,000	Bridesburg Elementary School Philadelphia, PA Services: LEED™ Commissioning Construction Cost: $25,000,000
Pennsylvania State Employee Credit Union Harrisburg, PA Services: LEED™ Commissioning Construction Cost: $40,000,000		

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Contractors		
Gordon Group Electrical Construction 1325 O'Reilly Drive Feasterville, PA 19053 ATT: Mr. David Gordon (215) 953-1212	Intech Construction, Inc. 3001 Market Street Philadelphia, PA 19104 ATT: Mr. Craig Sabatino (215) 243-2000	Warfel Construction Company 812 North Prince Street Lancaster, PA 17604 ATT: Mr. Dino C. Cesarini (717) 299-4500
Tracey Mechanical, Inc. 8 Campus Boulevard Newtown Square, PA 19073 ATT: Mr. Frank Venonsky (484) 421-3019	Johnson Controls, Inc. (JCI) 264 Fernwood Avenue Edison, NJ 08837 ATT: Mr. John P. Schmid (908) 616-0290	Wohlsen Construction Company 18 Boulden Circle; Suite 16 New Castle, DE ATT: Mr. Brian Reese (302) 324-9900

Owners
[redacted]

Architects		
SMP Architects 1600 Walnut Street Philadelphia, PA 19103 ATT: Mrs. Jane Rath, AIA (215) 985-4410	JKR Partners, LLC 1128 Walnut Street Philadelphia, PA 19107 ATT: Mr. Jerry Roller, AIA (215) 928-9331	Reese, Lower, Patrick, & Scott 1910 Harrington Drive Lancaster, PA 17601 ATT: Mr. Michael Martin, AIA (856) 428-5503
Wallace Roberts & Todd, LLC 1700 Market Street Philadelphia, PA 19103 ATT: Mr. Antonio Fiol-Silva, AIA (215) 772-1469	Gensler Architects 10 North Park Place Morristown, NJ 07960 ATT: Mr. Jack Paruta, AIA (215) 985-4410	Perkins Eastman 1100 Liberty Avenue Pittsburgh, PA 15222 ATT: Mr. Martin Siefering, AIA (412) 894-8351

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Environmental Design Inc.

Professional Environmental Consultants

5434 King Avenue, Suite 101
Pennsauken, New Jersey 08109

Toll Free (888) 306-4545
Fax (856) 616-9519

Overview of Qualifications

Environmental Design Inc. (EDI) offers a wide range of professional environmental consulting services, especially in the areas of Asbestos, Lead, and Indoor Air Quality. In business since 1995, Environmental Design Inc. is a Service Disabled Veteran Owned Small Business (SDVOSB) that fully understands what public and private sector clients want and expect from their environmental consultants:

1. expertise to achieve and maintain regulatory compliance;
2. responsiveness and sensitivity to their concerns; and,
3. commitment to deliver solutions on-time and on-budget.

EDI is certified in multiple jurisdictions throughout the country to conduct inspections, to perform testing, and to deliver comprehensive environmental consulting services. EDI specializes in project design, specification development, and bid review, as well as cost estimation for project and budgetary planning. EDI conducts Phase I Environmental Site Assessments, Right to Know surveys, LEED Testing, and as well as other services, including environmental training programs. EDI is accustomed to delivering turn-key solutions, yet readily partners with other firms when a multidisciplinary approach is required. Whether acting as a prime contractor or as a sub-contractor, EDI reacts with a sense of urgency to provide the highest levels of service and expertise to its clients.

Environmental Design Inc. is certified as a Service Disabled Veteran Owned Small Business (SDVOSB), a New Jersey Small Business Enterprise (SBE), and is pre-qualified by the State of New Jersey School Development Authority and the New Jersey Department of the Treasury with unlimited ratings for Asbestos Design, Asbestos Safety Control Monitoring, Indoor Air Quality Testing, and Environmental Consulting. EDI is licensed by the State of New Jersey as an Asbestos Safety Control Monitor (ASCM license #0095), and is accredited in Delaware, Pennsylvania and in the City of Philadelphia to provide asbestos-related consulting, inspection, investigating, monitoring, and design services. Based on licensing reciprocity agreements, EDI is able to provide professional environmental consulting services in states across the country, and has done so throughout the company's existence.

Environmental Design Inc. has vast technical experience and expertise in managing complex asbestos and mold remediation projects throughout the State of New Jersey, and possesses the business acumen to deliver projects and services on-time and on-budget. EDI is prepared to continue to deliver a high level of professional environmental consulting services to the client.

EDI

Knowledge of Disciplines & Consultant Qualifications

Environmental Design Inc. has been licensed by the State of New Jersey as an Asbestos Safety Control Monitor firm (ASCM license #0095) for 15 years. An ASCM certification is required to design asbestos abatement projects, to conduct asbestos air monitoring, and to provide asbestos abatement oversight in New Jersey schools and educational facilities (e.g. NJ Sub-Chapter 8 asbestos projects). EDI is also pre-qualified by the State of New Jersey School Development Authority (NJSDA) with unlimited ratings in the Asbestos Design, Asbestos Safety Monitoring, Environmental Consultant, and Indoor Air Quality Testing disciplines. This certification allows EDI to perform Indoor Air Quality (IAQ) investigations, provide mold-related services, and develop Chemical Hygiene Plans in New Jersey schools.

Personnel Qualifications

Environmental Design Inc. has extensive experience working with private and public sector clients, including Federal, State and Local governments and agencies, school Clients, commercial entities, law firms, real estate developers, architectural and engineering firms, non-profit organizations, and small international corporations. The full-time staff has over fifty (50) years of collective experience in the environmental, health, and safety industry to assist clients meet their compliance needs. Mr. Jay Murray (Owner & President) serves as the Key Client Contact and Mr. Tom Pruno (Director of Operations) serves as the Alternate Contact.

Timeliness to Perform Tasks

EDI is centrally located in New Jersey ensuring that normal response times are four (4) hours or less, and emergency response times are two (2) hours or less, to nearly all portions of the state. Located near the NJ Turnpike, major interstates and state highways, and the Ben Franklin Bridge to Philadelphia, EDI is able to respond, mobilize, and provide services to our clients in a timely fashion.

EDI

Résumés and Certifications
Of
Key Personnel

Jay Murray

Professional experience

1995 -Present Environmental Design Inc. Pennsauken, NJ

President

- Responsible for the overall operation of the firm, project design, project management, inspections, abatement liability cost estimation, compiling technical reports, and all regulatory compliance.
- 22 years of environmental project management, environmental site inspections, remediation design, regulatory compliance, and cost estimation.

Education

1982-1986 U.S. Air Force Community College

Environmental Sciences

Accreditations

EPA Accredited Asbestos Building Inspector, Management Planner, and Project Designer

Philadelphia Asbestos Project Inspector and Investigator

NJ Asbestos Safety Technician

EMSL Mold Contamination in the Indoor Environment

Previous Responsibilities

1988-1995 AET Environmental Inc. Cherry Hill, NJ

Director of Operations

- Responsible for direct supervision of project managers and field personnel
- Key client contact
- Client's project cost estimation
- Project Design and Implementation
- Regulatory Contact

1980-1988 United States Air Force

Instructor - Advanced Tactical Fighter Maintenance

- Responsible for instruction of flight line personnel in advanced maintenance/repair procedures on the F-16A/B fighter.
- Responsible for instruction and evaluation of personnel in combat rearmament and refueling of F-16 fighters.
- Responsible for instruction of newly assigned personnel in combat first aid and self-protection/procedures during an enemy chemical weapon attack.

Summary of Experience

New Jersey School Districts (partial list)

- Audubon BOE
- Pt. Pleasant BOE
- Jackson Twp BOE
- East Brunswick BOE
- Glassboro BOE
- Pitman BOE
- Ramsey BOE

Corporate and Governmental Clients (partial list)

New Jersey Turnpike Authority
Newark Housing Authority
Amtrak
South Eastern Pennsylvania Transportation Authority
Medcath Hospital Group
NY City School Construction Authority
US Mint (Phila.)
US Dept. of General Services
Universal Health Services
O'Neill Property Development
Manko, Gold, Katcher, and Fox
St. Christopher Hospital for Children
Manatee Memorial Hospital

Thomas J. Pruno

Professional Experience

2006 – Present Environmental Design Inc. Pennsauken, NJ

Director of Operations

- Responsible for planning, controlling and organizing all field projects. Also responsible to conduct analyses of data and render professional opinions on results. Manage up to 8 field personnel assigned to projects. Prepare proposals and conduct site visits for securing work. Continues to conduct project management activities in the field.

2002 – 2006 Environmental Design Inc. Cherry Hill, NJ

Project Manager

- Responsible for onsite project management and, air monitoring during asbestos projects and indoor air quality inspections. Provide mold testing, right to know and asbestos awareness training, report preparation and building inspections

Accreditations

EPA Certified Asbestos Building Inspector

Pennsylvania Asbestos Building Inspector

Philadelphia Asbestos Project Inspector

Philadelphia Asbestos Project Investigator

NJ Asbestos Safety Technician

Delaware Asbestos Project Montior

NJ Certified Hazard Communication/Right to Know Trainer

NJ Certified Indoor Air Quality Reviewer

Previous Experience

1999 – 2001

Project Monitor and Program Leader

- Responsible for assisting in Phase I environmental inspections and reporting. I also monitored site and building development on some 200 properties in NJ and PA.

1973 – 1985 (various years)

Safety and Security Inspections

- Team member of the group responsible for onsite inspections at nuclear power plant facility in NY. Duties involved assitance in abatement of asbestos projects prior to plant construction/expansion.
- Fire Inspector Centereach Fire District, Centereach. Responsible for code inspections in commercial buildings within the fire district. Retired Fire Chief.

Summary of Experience

- NJ/PA/DE – assistance in site surveys, building inspections, commercial buildings and properties for private clients
- NJ, various gas stations Phase I surveys
- Smithaven Mall, NY, safety and code inspections
- Shoram, NY Nuclear Power Plant, safety inspections
- PA/NJ – Air and Site monitor for various asbestos removal projects
- Indoor Air Quality investigations and testing

Tim Gromen

Professional Experience

2009 – Present Environmental Design Inc. Pennsauken, NJ

Project Manager

- Perform environmental assessments and industrial hygiene surveys
- Field testing & monitoring for IAQ, Asbestos, and Lead concerns
- Data analysis, interpretation, and report preparation
- Recommend response actions to clients

2008 – 2009 David Michael & Co. Philadelphia, PA

Operations Manager

- Responsible for production, maintenance and EHS compliance in flavors manufacturing plant
- Ensure site operations in compliance with OSHA & EPA regulations
- Haz Com, Respiratory Protection, PPE workplace programs

1998 – 2008 Givaudan Fragrances Corporation Mt. Olive, NJ

Director of Manufacturing & Labs

- Oversight of fragrance manufacturing plant – site operations & personnel
- Provide and maintain EHS training and compliance programs
- Review Industrial Hygiene monitoring data and recommend corrective actions
- Process Safety Management, Hearing Conservation, Respiratory Protection Program, Chemical Hygiene workplace programs
- Company contact for legacy site remediation, groundwater monitoring, and commercial property redevelopment project

1995 -1998 Environmental Design Inc. Audubon, NJ

Director of Operations

- Responsible for management of field personnel and field operations
- Project Design, Project Scheduling, Cost Estimation, and Project Management
- Perform environmental assessments and industrial hygiene surveys for IAQ, Asbestos, and Lead concerns
- Right to Know trainer

1992 - 1995 AET Environmental Inc. Cherry Hill, NJ

Project Manager

- Responsible for direct supervision of field technicians
- Project Design, Project Management, Cost Estimation
- Field testing & monitoring for IAQ, Asbestos, and Lead concerns

Education

1997-1999 Temple University Philadelphia, PA
MS Environmental Health
Focus on Industrial Hygiene and Safety

1985 - 1989 University of Pittsburgh Pittsburgh, PA
BS Biology
Minor in Chemistry

Graduate Course Work

Industrial Hygiene; Industrial Safety; Industrial Ventilation
Environmental Health; Radiological Health; Environmental Noise
Epidemiology; Environmental Toxicology
Medical Aspects of Occupational Health
Ergonomics
Analytical Instrumentation

Other Professional Training

OSHA 1910.120 Hazmat Course

EPA Asbestos Project Designer, Management Planner, Building Inspector Course

NJ Asbestos Safety Technician Course

NJ Dept. of Health Lead Inspector/Risk Assessor Course

Philadelphia Asbestos Project Inspector and Investigator Course

EPA Lead Inspector Training by LeadTec Services Course

Van Sickle & Rolleri - Overview

Van Sickle & Rolleri, Ltd. is an industrial design firm specializing in exhibit design, developing high quality interpretive exhibit experiences. We provide "concept through completion" design and production services to satisfy your specific needs.

In 1986 our firm developed the interior and exterior interpretive exhibits for the opening of the Liberty State Park Interpretive Center. It is a legacy project we hold with pride. We hope to have the opportunity to apply the experience we have gained in the past twenty eight years to this project with new ways to interpret the content and engage visitors.

Our core belief is that an exhibit experience should engage its visitors, calling upon their emotions, senses and intellect. Our designs blend substance with style, utilizing a variety of tools to tell stories, create thematic environments, involve visitors and communicate ideas.

Both principals, Dennis Van Sickle and Andrea Rolleri, are involved in shaping the creative direction for each project, with a deep commitment for excellence in every aspect of the design process.

Built in 1844, our building is located in Medford's historic Main Street village.

We are skilled listeners, yet we freely share our expertise and creativity.

As listeners, our task is to understand your goals and visions, not limiting consideration to only "our ideas".

As designers, our role is to tap into your energy and your vision to create an environment that will entertain, educate and inspire!

Van Sickle & Rolleri, Ltd.
Established in 1984.

Medford, New Jersey, is a suburb of Philadelphia, Pennsylvania.

VS&R

Key Project Staff

Dennis Van Sickle, Principal

Dennis Van Sickle has over 30 years of experience in the multi-disciplined field of museum and exhibition design. After graduation from the University of Bridgeport, College of Engineering with a Bachelor of Science degree in Industrial Design, Dennis started working with nationally recognized, full service, exhibit fabrication firms in the Philadelphia area. During this time, Dennis gained the understanding and skills required to carry an exhibit from concept through installation, on time and on budget.

Dennis founded the firm of Van Sickle & Rolleri in 1984. As principal and founder, Dennis is in charge of overall creative realization and development of projects. Dennis believes each project deserves a unique creative solution regardless of size or budget and challenges the staff to follow that belief. He is also very serious about maintaining a project schedule and he understands the importance of grounding blue-sky ideas.

Dennis believes in a highly collaborative approach, inclusive of an organization's team members because he believes the creative solutions developed should be reflective and respect their organization's needs. Over the years Dennis has developed feasibility studies, vision documents, interpretive master plans, concept studies, exhibition content development, and exhibit design.

Education: Bachelor of Science – Industrial Design, University of Bridgeport, College of Engineering, Bridgeport Connecticut 1973

Andrea Rolleri, Principal

Andrea Rolleri has over 25 years of experience in the multi-disciplined field of museum and exhibition design. After graduation from the University of Bridgeport, College of Engineering with a Bachelor of Science degree in Industrial Design, Andrea started her career as a product designer for General Electric, Housewares Division, and later as a designer at the Research Center for White Motors Corporation in Michigan.

In 1975, she accepted an exhibit design position with the Franklin Institute Science Museum, Philadelphia, PA. Working at the Institute provided her with a keen understanding of museum operations and an appreciation for the science center audience. After leaving the museum, she became design director of a nationally recognized exhibit design and fabrication company.

In 1984 she joined Van Sickle Design, to form the exhibit planning and design firm of Van Sickle & Rolleri. As a principal, Andrea is responsible for design direction and development of projects. She often conducts interpretive exhibit planning workshops with clients and enjoys working on exhibit concept and content development.

Andrea believes in the team process when planning exhibits because it is important for the organization to realize their dreams through our work product. Over the years Andrea has developed feasibility studies, vision documents, interpretive master plans, concept studies, exhibition content development, and exhibit design.

Education: Bachelor of Science – Industrial Design, University of Bridgeport, College of Engineering, Bridgeport Connecticut 1974

Key Project Staff

John Hutchinson, Exhibit Designer

John has been with VS&R for twelve years and is an experienced exhibit designer who has worked on a variety of projects, large and small. In addition to designing exhibits, creating construction control drawings and space planning, he specializes in computer illustration to create conceptual exhibit renderings and fundraising illustrations. He also participates in interpretive planning and creative brainstorming sessions.

Education: Master of Science – Educational Media Design & Technology,
Full Sail University, Winter Park, Florida,
Bachelor of Science – Business Administration, Full Sail University, Winter Park, Florida 2011
Bachelor of Arts – Industrial Design, Institute of the Arts, Philadelphia, Pennsylvania 1998

Tara Garrin, Graphic Designer

Tara has been with VS&R for sixteen years. In addition to developing interior and exterior interpretive graphics and signage systems, her responsibilities have included project management, content management and research, as well as supervision of graphic production and installation. She has been involved with the interpretive planning of numerous museums, as well as the development of interpretive planning reports.

Education: Bachelor of Arts – Graphic Design, Moore College of Art and Design Philadelphia, Pennsylvania 1991

Patty Dove, Graphic Designer

Patty has over nine years of experience and has been with VS&R for six years. She has a background in commercial tradeshow exhibits, where she worked with clients to design, produce and install graphics. ----In addition to developing graphics and creating original artwork, she also has experience in handling content and works as part of a team in developing interpretive content.

Education: Bachelor of Arts – Graphic Design, Moore College of Art and Design Philadelphia, Pennsylvania 1998

Relevant Project Examples

Life on the Edge – Tuckerton, NJ
The Jacques Cousteau National Estuaring Research Reserve highlights the salt marsh estuaries importance.

St.Jones Reserve Habitat Exhibits – Dover, DE
VS&R is currently working with the Delaware National Estuarine Research Reserve to design new exhibits for the St. Jones Reserve.

The Great Swamp Experience – Basking Ridge, NJ
The Great Swamp Experience is designed to encourage visitors to explore the trails and understand the value of this area to wildlife and people.

Stonybrook Millstone Watershed Association Interpretive Center – Pennington, NJ
The newly renovated visitor center will open at the end of this year with site orientations, sustainability and nature discovery exhibits.

Rory Meyers Children's Adventure Garden – Dallas, Texas
An eight-acre outdoor adventure garden that enables children to learn aboubt nature while immersed in nature.

Habitat Hollow, Fontenelle Forest Learning Center – Bellevue, Nebraska
This exhibit serves as a launching pad for visitors to explore Fontenelle Forest.

Gwinnett Environmental & Heritage Center – Buford, Georgia
This environmental education center explores the cultural history of the county through the perspective of water and its usage over time.

Blue Ridge Parkway Destination Center – Asheville, North Carolina
Freestanding interpretive islands offer visitors an overview of the unique cultural and natural history of the Blue Ridge Mountains.

Additional project with envrionmental subject material:
- Smithsonian Marine Ecosystems Center
- Burlington County Soil Conservation District
- Channel Islands National Park
- Greater Newark Conservancy Outdoor Learning Center
- NY/NJ Harbor Estuary Program
- Oakes Natural History Museum at Messiah College
- Penitentiary Glen Interpretive Center
- Pequest Trout Hatchery & Natural Resource Education Center
- Pyramid Mountain Natural Historic Area Visitor Center
- Texas Discovery Gardens
- Burr Oak Wood Nature Center

References for Van Sickle & Rolleri, Ltd.

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Dennis Van Sickle
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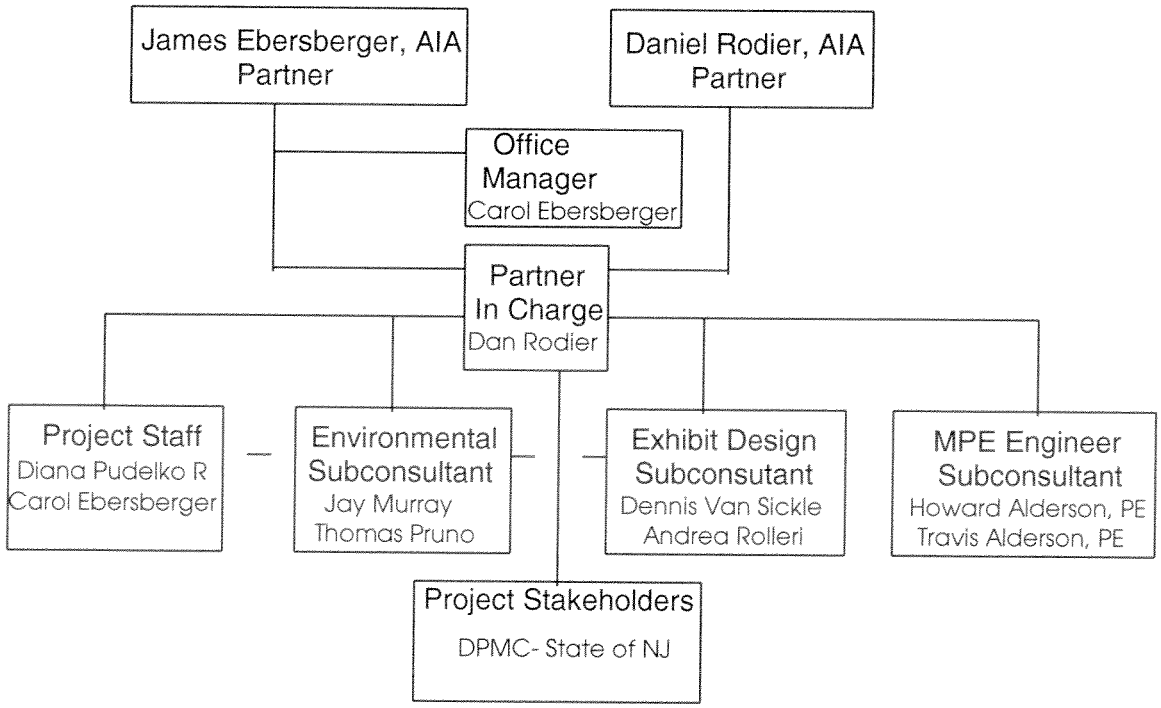
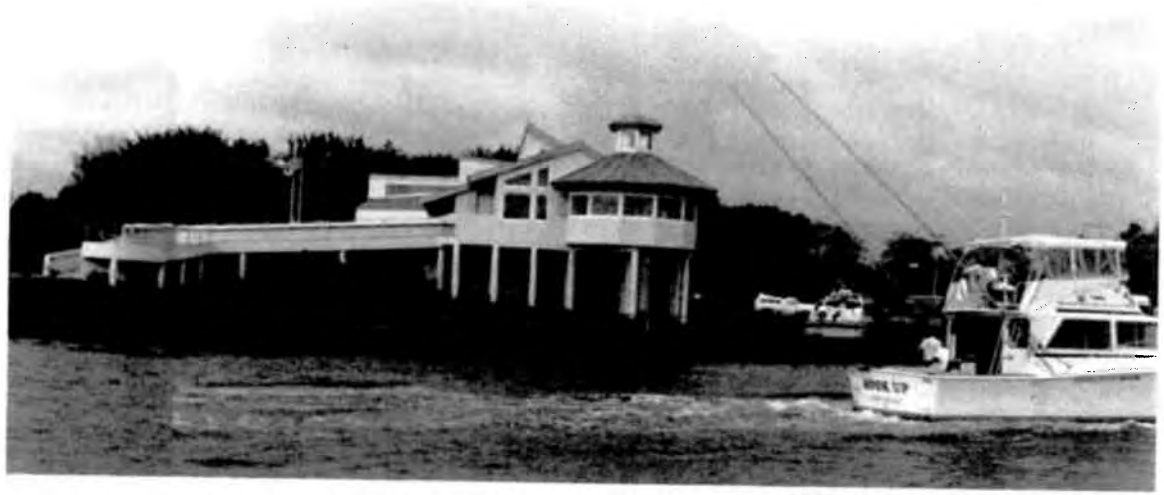
ORGANIZATION CHART



Rodier Ebersberger ARCHITECTS

Project Name & Location	Nature of Responsibility	Project Owner's Contact Information	Completion	Estimated Project Cost	
				Entire Project	Firm's Responsibility
NJ State Marine Police Station Point Pleasant, New Jersey	**Project Architect**	**NJ State Police** [redacted]	**1990**	**$ 880,000**	**$ 880,000**



The Marine division of the New Jersey State Police is responsible for enforcing the state boating regulations along New Jersey's waterways. They patrol the rivers, bays and shorelines of the state with a fleet of police boats providing law enforcement, rescue and safety to the boating, fishing and recreation activities of New Jersey.

Lacking any central facility to house and maintain the Marine Police fleet of watercraft, the State Police decided to build a new Marine Police Station and Repair Facility. The site for the new facility is located in Point Pleasant along the Manasquan Canal connecting several inland waterways and back-bays along the central New Jersey shore. This area is heavily traveled by both commercial and recreational boat traffic.

The program called for a new boat repair facility and of approximately 10,500 square feet with two large boat repair bays, a two-story wing with administration offices on the second level and locker room facilities on the ground level and a observation tower /radio room with a 280 degree vista overlooking the Marine Police boat docks and the main canal. Access to the facility by the employees is via an entrance on the ground level. The visitor entrance to the second floor lobby and observation room is by way of an exterior ramp giving the whole complex a nautical reference.

Rodier Ebersberger ARCHITECTS

Project Name & Location	Nature of Firm's Responsibility	Project Owner's Contact Information	Completion	Project Cost Entire Project - Firm's Responsibility
Addition, Renovations & Building Systems Upgrades Laurel Springs Elementary School Laurel Springs, New Jersey	**Complete A/E Services**		**Phase 1 - Sept 2007** **Phase 2 – April 2009**	**$ 1,087,000 - 100%** **$ 1,297,000 - 100%**

In 2006 the Laurel Springs Board of Education embarked on a mission to address the concerns, constraints, and limitations of their 'three building' facility. A facility review and analysis was conducted, identifying current and near future facility improvements. The Board of Education tapped the community and building staff to form a consensus for the District's facility needs for the future. The LRFP was rewritten, setting the stage for the goals of the District and community to be achieved.

The solution was to complete the facility improvements in two phases to limit disruption of District operations. The initial phase completed in 2007, included replacement of the large expansive windows, roof, inefficient boiler and HVAC systems, as well as the building's inadequate electrical service in the vintage 1916 Laurel Springs School. Building operating systems efficiencies were immediately realized upon completion of the work. Replacement of the windows continued the facility's harvesting of natural light in an energy efficient manner. Phase 1 building improvements also provided the backbone for the second phase of the work.

Phase two, completed in 2009, addressed building accessibility, interior circulation issues as well as building exiting issues. An addition reconnecting the 1916 building to the 1957 and 2001 building additions includes new resource saving accessible toilet facilities, an elevator and stair tower for improved building access and emergency egress, as well as educational program support areas. Improvements also include fire alarm, communications system, building access, and data systems upgrades. Well received by the community and facility end users, the project overcame economic and physical challenges while preserving the history and character of the Laurel Springs School.

Rodier Ebersberger ARCHITECTS

Project Name & Location	Nature of Firm's Responsibility	Project Owner's Contact Information	Completion	Estimated Project Cost Entire Project	Estimated Project Cost Firm's Responsibility
Station 663 Renovations Voorhees Fire District Voorhees, New Jersey	**Complete A/E Services**	[redacted]	**February 2010**	**$266,000**	**$215,000**

With the anticipated construction of the new Fire Station in the Kirkwood section of town, the existing Fire Station 663 at Cooper & Kresson Roads, originally constructed in the 1970's, needed a number of improvements to meet the current Voorhees Fire District station standards.

A building walk-down and survey was completed and an energy audit report was prepared, identifying several potential energy savings improvements to the HVAC and electric lighting systems in the building. Plans and specifications were prepared and new energy efficient lighting is being installed throughout the building. In some instances existing fixtures are being re-lamped; other instances it is more cost efficient to replace the existing fixtures with new fixtures.

Most of the HVAC systems in the building are also being replaced with new *Energy-Star* rated equipment through the **New Jersey Smart-Start Program**. All rooftop mounted units are being replaced.

On the interior of the station, the dayroom, kitchen, report rooms, reception and Administration areas are all being renovated. In order to improve work flow and efficiency many of these spaces have been re-designed.

Rodier Ebersberger ARCHITECTS

Project Name & Location	Nature of Firm's Responsibility	Project Owner's Contact Information	Completion	Estimated Project Cost	
				Entire Project	Firm's Responsibility
Monroe Township Public Library Williamstown, New Jersey	**Complete A/E Services**	[redacted]	**November 2009**	**$4,880,000**	**$4,550,000**

The Monroe Township Public Library had been working towards building a new Library for almost thirty years. The Library was housed on Main Street in a former general store that provided no space for expansion, poor ventilation and little accessibility. As the Library and Township began budgeting for a new library building, an existing 28,000 square foot, 1970's office building owned by Verizon, became available. After we completed a feasibility study of the existing building, it was determined that this building could be renovated for use as a new Library and would save about half of the anticipated cost of a new building.

The program called for a new library of approximately 21,000 square feet with the remainder of the building to be used for public meeting space and commercial rental space. The Library is designed with a new accessible main entrance addition with a copper domed roof and adjacent public parking area. Some of the features of the new library include a Marketplace (new books, video & audio materials) Computer Tech Lab, Teen section with separate computer stations and four Tutor rooms. The Children's Library area features a Story Room with a *Starlight* ceiling, separate computer stations, over the information desk is a domed ceiling that changes colors and an exterior garden/classroom. The Adult area of the library features 18 public access computer stations, fully wired study tables and seating areas, an exterior reading garden and a periodical/lounge area featuring a two story tall fireplace and clerestory that brings natural light to the inner most sections of the library.

All technology systems (data network, internet, telephone, security, camera, fire) are run under an accessible raised floor system and the entire library is equipped with Wi-Fi connections. Green building technology such as occupancy and daylighting sensors, energy efficient mechanical and plumbing systems, use of recycled building materials and the re-use of the existing structure make this truly a library for the 21st century.

Rodier Ebersberger ARCHITECTS

Project Name & Location	Nature of Firm's Responsibility	Project Owner's Contact Information	Completion	Estimated Project Cost Entire Project	Estimated Project Cost Firm's Responsibility
Williamstown Fire Station Township of Monroe Williamstown, New Jersey	**Complete A/E Services**		**September 2004**	**$1,400,000**	**$1,100,000**

The Township of Monroe (Williamstown) New Jersey, needed a satellite Fire Station to serve an ever growing population that was developing away from the traditional center of town, towards the Western boundaries of the Township.
The selection of the site focused on reducing the response time for calls based in the newer township developments.

Many of the existing Township facilities are housed in older, non-descript buildings. Since this was the first new Township facility in decades, it was of major importance to both the Township officials and the Williamstown Volunteer Fire Company that the New Station would not only function as a modern, state-of-the-art Fire Station, but would also be easily recognizable as a Fire Station.

The building is sited on a corner lot that fronts on an Interstate highway, allowing fire trucks and equipment drive-through access from front to back and back to front. First responder's parking is adjacent to the equipment bays and emergency entrance. The remaining parking is off of the secondary access road and facing the Main Entrance. The program called for a Fire Station that could house three to four fire trucks and a volunteer crew of 5 to 10 members on call. The four-bay Apparatus Room has connecting Gear Room and Hose/Storage Room. The adjacent Control Room has full view of Apparatus Room and all four bay doors. Other spaces include an Office and Conference Room on ground level; Bunk Rooms, a Day Room and Fitness Room on the upper level. The Conference Room is designed to serve as an emergency management center in the event of a township, county or state emergency.

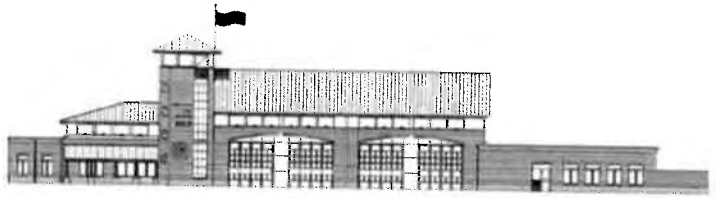
Access to the upper level is by elevator or the Stairway which is designed to recall the hose towers of traditional, historic fire houses of the past. On the exterior, the red brick and gray stone base support an upper level of stucco and light gauge framing. Custom steel support brackets not only support the wide overhanging eaves of the low-pitched roof, but also serve as alternating supports for the custom downspouts and light fixtures. The entire structure is covered by a dark gray standing seam metal roof. **In 2006 this Station was awarded the National Design Award for Fire Stations by Fire Chief Magazine.**

Rodier Ebersberger ARCHITECTS

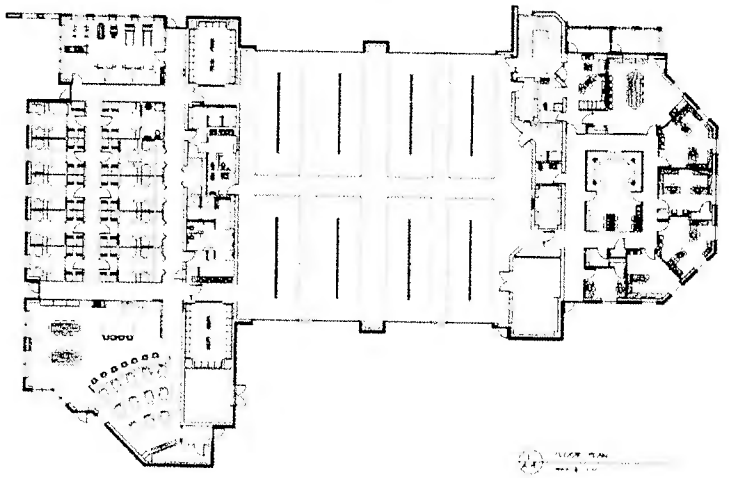
Project Name & Location	Nature of Firm's Responsibility	Project Owner's Contact Information	Completion	Estimated Project Cost Entire Project	Estimated Project Cost Firm's Responsibility
Voorhees Fire Station Voorhees Fire District Voorhees, New Jersey	**Complete A/E Services**		**March 2014**	**$4,500,000**	**100%**

The existing Fire Station 662 at Burnt Mill Road & Spruce Avenue had been in need of major improvements for quite some time. The ever growing services provided by the Voorhees Fire District meant that this station could no longer accommodate the equipment and crew required.

The District determined that the most cost efficient solution is to build a new station in lieu of extensive renovations, upgrades and additions to the existing facility.
Since the existing station site is centrally located to the response area to be served by the new station, the New Voorhees Fire Station will be constructed on the same site as the existing station, eliminating the additional cost of site acquisition.



This will necessitate a two-phased construction project, building the Crew and Apparatus areas of the new facility first, followed by the demolition of the existing building and finally the completion of the Administration areas of the New Fire Station.



This new 19,200 sq. ft. Facility will house not only the Fire crew and apparatus but will also be home to Emergency Medical Services for Voorhees Township. The building is sited on a corner lot that fronts on a County Road, allowing fire trucks and equipment full drive-through access to the Engine Bays. First responder's parking is adjacent to the equipment bays. Additional parking is off of Spruce Avenue and out of the way of the exiting of the emergency vehicles. The New Fire Station will include four double engine bays, housing a total of nine (9) vehicles. Adjacent storage, maintenance and turn-out gear rooms are designed to provide efficiency in response time.

The Crew side of the station will contain Bunk Rooms for both full-time and volunteer Fire and EMS crews. Other shared spaces include a Fitness Room, Day Room, Kitchen and Dining facilities. Between these areas and the Apparatus Room are located the Women's and Men's Locker Rooms and Shower facilities.

The Administration side of the station includes several Offices for both Fire and EMS officers, a Meeting/Conference Room, a Technology Work Room and a Main Entrance and Reception area. Other features of the New Station include a Fire Stair Tower and an open Mezzanine, both to be used for in-station training.

Delaware National Estuarine Research Reserve (DNERR)

AEI designed the Geothermal HVAC system for this state of the art Nature Center.	
Location:	818 Kitts Hummock Road; Dover, DE.
Construction Cost:	Unknown
Occupancy:	Nature Center
Features:	The buildings at the St Jones Reserve are designed with state of the art sustainable infrastructure, including a geothermal heating and cooling system, an on-site wetland based tertiary wastewater treatment system and a photo-voltaic (solar panel) system.

alderson /engineering

Naval Square

Philadelphia, PA

Alderson provided MEP design services for the renovation, expansion and conversion of the historic Philadelphia Naval Home located on 20 acres in Center City Philadelphia into a 345-unit condominium building. 74 luxury townhomes were built adjacent to the original Biddle Hall.

Location:	Philadelphia, PA.
Construction Cost:	$40,000,000
Occupancy:	Mixed-Use
Features:	Site/Campus Domestic Water System Amenities Space New Site Electrical Distribution. Site/Campus Fire Protection System.
Year Completed:	2007
Design Phase Duration:	1 Years
Construction Phase Duration:	2 Years
Client:	[redacted]
Contact Info:	[redacted]

alderson /engineering

Fringe Arts Building

Philadelphia, PA

Alderson provided MEP design services for the conversion of the historic PECO pump station building, originally constructed in 1903. The project included a 225 seat theater, rehearsal studio, restaurant/bar, and professional offices and meeting space.

Location:	Philadelphia, PA.
Construction Cost:	$8,000,000
Occupancy:	Performing Arts Theater
Features:	Theatrical Lighting & Controls LED Lighting Demand Control Ventilation
Year Completed:	2013
Design Phase Duration:	12 Months
Construction Phase Duration:	18 Months
Client:	
Contact Info:	

alderson /engineering

American Metro Center

Hamilton, NJ

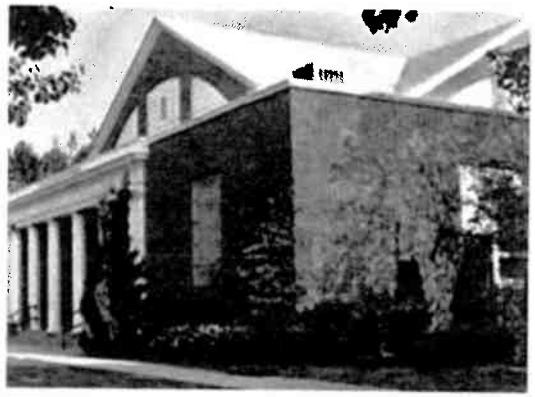
Alderson provided MEP&FP design services for the renovation and conversion of the historic American Standard Manufacturing Building to a Multi-Tenant Office Building. The project consisted of a total of 700,000 sf of existing space.

Location:	Hamilton, NJ.
Construction Cost:	$30,000,000
Occupancy:	Mixed Use
Features:	Historic Tax Credits Shell & Core Design and Tenant Fit-Up Design New 13.2 kV Electrical Service & Distribution New Fire Protection Service
Year Completed:	2002-07
Design Phase Duration:	1 Years
Construction Phase Duration:	5 Years
Client:	
Contact Info:	

Oxford Community Center

AEI designed the Mechanical, Plumbing, Electrical, and Fire Protection systems for this historic LEED™ project.

Location:	200 Oxford Road, Oxford, MD
Construction Cost:	Unknown
Occupancy:	Community Center
Features:	Oxford Community Center (OCC) is located in the lovely waterside village of Oxford on Maryland's Eastern Shore. Oxford Community Center, Inc. (OCC) is a 501(c)(3)nonprofit organization, founded in 1971 by the citizens of Oxford and housed in a gracious old brick schoolhouse they saved from the wrecking ball when it was declared surplus for educational purposes. For over a quarter century, OCC has served as a community resource, offering residents and visitors alike a year-round schedule of social, cultural, and recreational programs and events. Each year, over 8,000 people take part in activities at OCC. Features include: • Geothermal HVAC System. • Energy Efficient Lighting. • Heat Recovery Ventilation. • Energy Management System



The Great Swamp Experience

Somerset County Environmental Education Center – Basking Ridge, New Jersey

The existing exhibit hall at the Environmental Education Center was both dated and flood-damaged. As part of the renovation process, Van Sickle & Rolleri developed new and engaging interpretive exhibits for the next generation of visitors.

Presented as a "User's Guide," visitors learn about all aspects of the Great Swamp through hands-on exhibits that create a sense of place and encourage further exploration outdoors. Habitat vignettes run the length of the room to show the essence of each habitat type found within the Swamp. An immersive environment is created through the use of layered murals, ambient sounds, and animal mounts from the Center's collection.

Interpretive islands with interactives round out the rest of the Great Swamp story, including the history revealed through the archeological remains from early settlers, and the science of the Swamp—biology, hydrology, and geology.

Exhibits include:

- Getting Started: Orientation
- About the Great Swamp
- First Steps: Toddler Area
- Habitat Vignettes
- Interactive Tree
- Plants & Animals: Biology
- Water's Story: Hydrology
- The Swamp Story: Geology
- The Human Story: History
- Sustainability

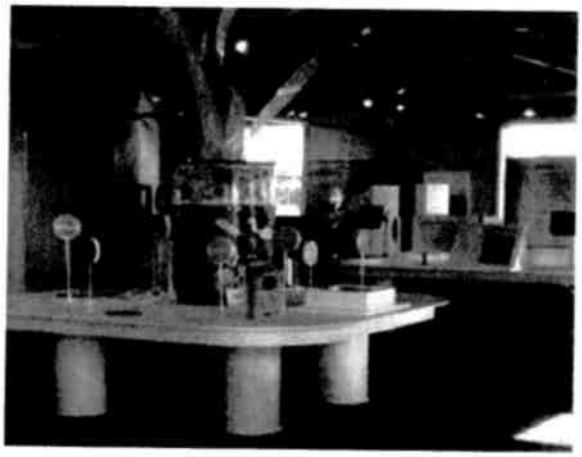
Life On The Edge

Jacques Cousteau National Estuarine Research Reserve – Tuckerton, New Jersey

This exhibit focuses upon the importance of estuaries to plants, animals and people. Hands-on and multi-media exhibits enable visitors to explore the roles estuaries play in our daily lives and how people affect the estuary in small and large ways.

Electronic touch screens, short video clips, and hands-on elements accommodate different learning styles and visitors of all ages. Visitors can explore the reaches of the Reserve and its habitats, look inside a drop of ocean water, see coastal change in a giant View-Master, measure a fish just as scientists do, explore aquatic life and much more.

Throughout the exhibit, individuals learn what they can do to become stewards of this unique and important ecosystem. Before leaving, visitors can make a positive action pledge in the i-Pledge photo booth and post their photo-pledges online.

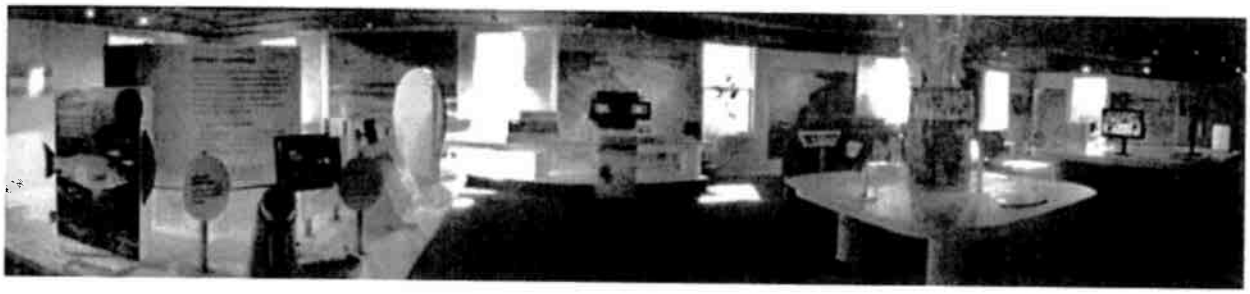


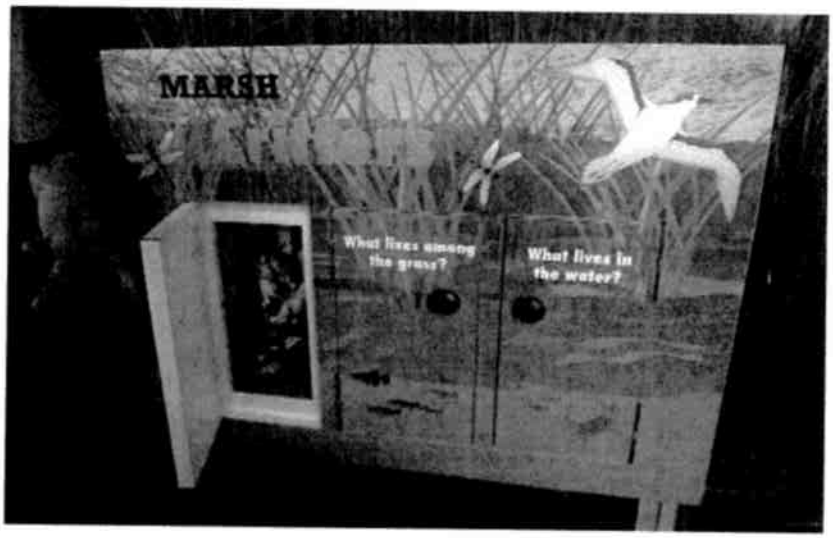
Exhibits include:

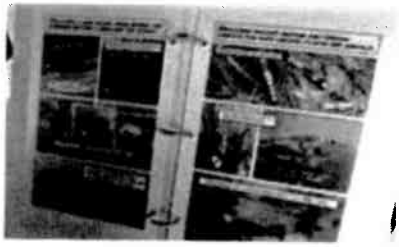
- Reserve Map Table
- Life in a Water Drop
- Wildlife Quiz
- Marsh Critters
- Life in the Sand
- Frog Sounds
- Tidal Lullaby
- Intertidal Flats
- Measuring Up
- To Serve and Protect
- Reserve Rest Stop
- Nature's Water Filter
- iPledge Photobooth

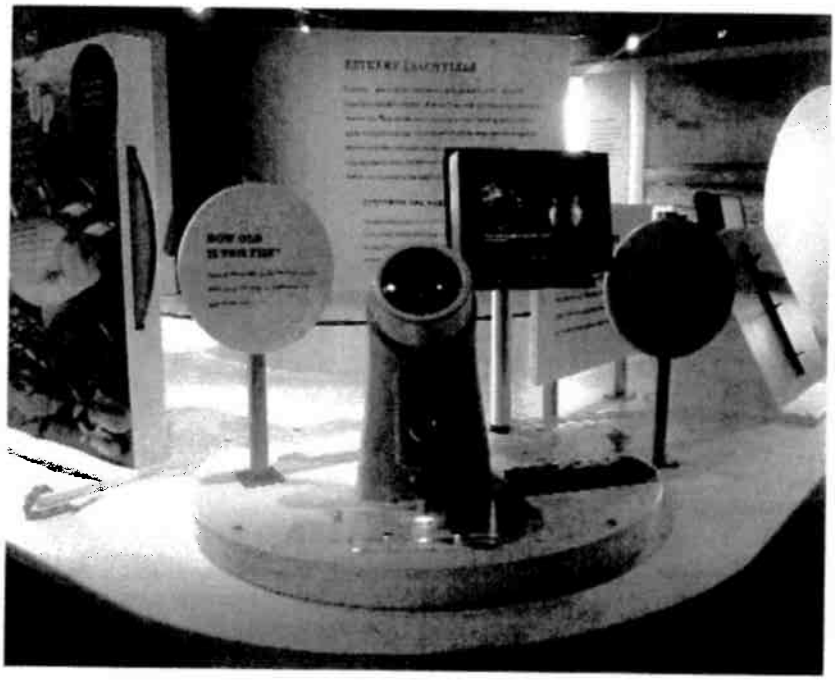
Life On The Edge

Jacques Cousteau National Estuarine Research Reserve – Tuckerton, New Jersey









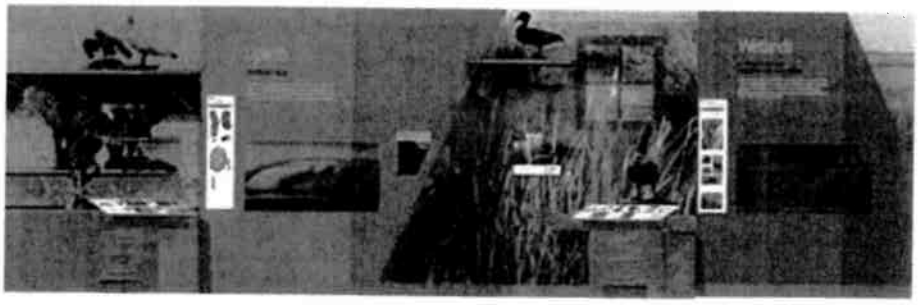
VSR

St.Jones Reserve Habitat Exhibits

Delaware National Estuarine Research Reserve - Dover, Delaware

A collection of live and taxidermy animals showcase the diversity of life within the habitats of the Delaware Bay watershed.The exhibit design uses bold graphics, color, and video to create immersive contextual vignettes for these specimens–some of the most iconic species in the Delaware Bay watershed. The space is divided into five different zones that allow visitors up-close views of the museum's collection of artifacts from the different habitats. The graphics highlight specialized physical, biological, and behavioral adaptations unique to these estuarine plants and animals while changeable live animal tanks and exhibit components reinforce the ever-changing nature of life in the estuary.

The client's objective to communicate to visitors the important relationship between research and knowledge. VS&R created an approach that enables visitors experience the thrill of "discovering" nature.

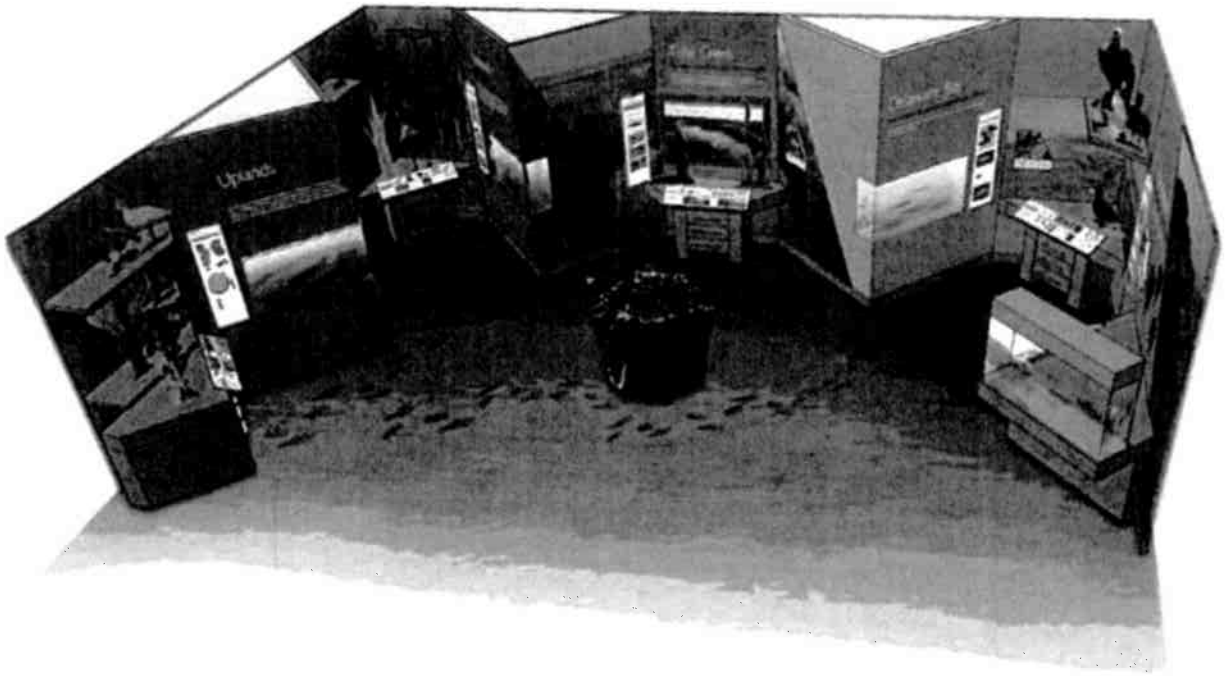


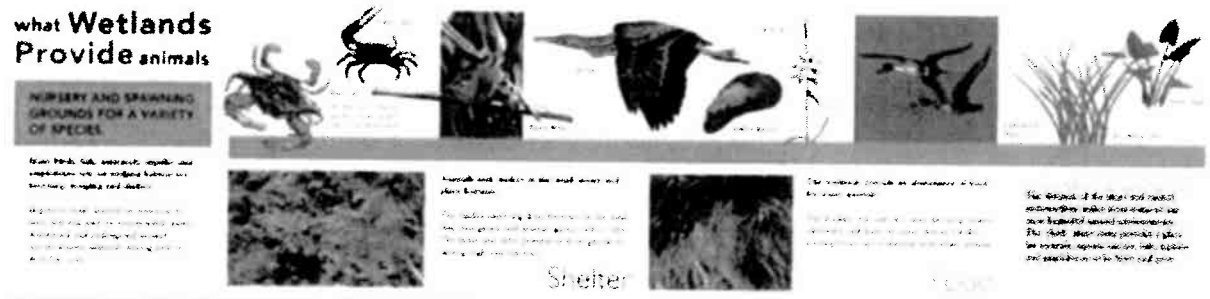
Exhibits include:

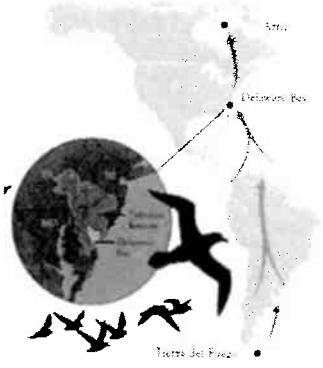
- Where in the Watershed?
- Delaware Bay
- Bay Beach
- Tidal Creek
- Wetlands
- Uplands
- Muskrat Lodge Crawl-through

St.Jones Reserve Habitat Exhibits

Delaware National Estuarine Research Reserve - Dover, Delaware







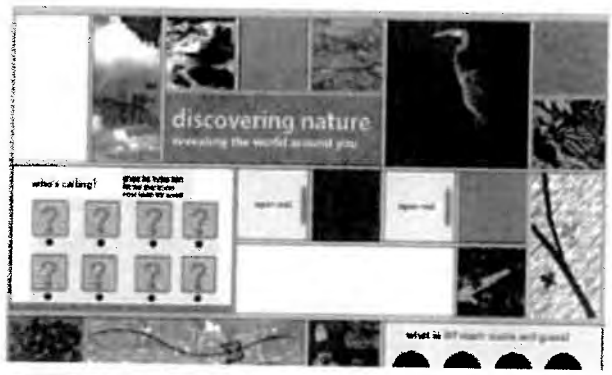
VSQR

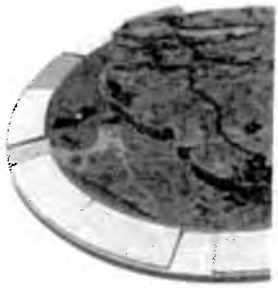
Stony Brook Millstone Watershed Association Environmental Center

Stony Brook Millstone Watershed Association – Pennington, New Jersey

One of the first watershed associations in the country, SBMWA has been working to protect water and educate the public for over 60 years. Currently housed in a converted home, a new LEED-certified environmental center is due to open late 2014. VS&R is developing exhibits based on the overarching theme of water. This core topic is presented in the multi-use lobby/orientation space, a gallery focused on sustainable strategies, and a hands-on discovery room. A central feature in the discovery room is a large circular freshwater tank with turtles and fish. Also within this room are investigation stations to support programs and a an area designated for toddlers.

VS&R's responsibilities included: planning and interpretation; text writing; exhibit, graphic and media design; original illustration and photography; construction control drawings; fabrication and installation supervision.





Exhibits include:

- Topographic watershed map
- Orientation mini-theater
- Sustainable strategies gallery
- Stream ecosystem tank
- Habitat magnet wall
- Investigation stations
- Two-sided nature discovery wall

Rory Meyers Children's Adventure Garden

Dallas Arboretum – Dallas, Texas

The eight-acre Children's Garden has 17 galleries or "outdoor learning rooms," each with a unique theme, to teach and demonstrate science concepts. Exhibits are designed specifically to address state and national standards in life, earth, and environmental sciences. Also within the garden is the Exploration Center, a 9,100-square-foot building that offers exhibits and interactive technology to engage children. Features include a plant lab for experiments, smart tables, "Who Killed the Plant?" CSI mysteries to solve, a soil lab and the signature feature, the OmniGlobe.

VS&R is the project lead. We worked with the Arboretum for over ten years in developing this project from interpretive master planning and fundraising, to concept and content development, text writing, original graphics through final implementation. The Children's Adventure Garden gives families and children of all ages an inspiring and educational experience that will deepen their understanding and enjoyment of nature.

Dallas Arboretum

The project design team consists of:

Van Sickle & Rolleri, Ltd.
(overall project lead)
– interpretive exhibit [lanning & design

MKW+Associates, LLC.
– landscape architecture

Richard Dattner Partners
– architecture

Areas include:

- Entry Plaza
- First Adventure
- The Incredible Edible Garden
- The Oasis
- Plants Are Alive
- The Amazing Secret Garden
- Habitats
- The Exploration Center
- The Texas Skywalk
- Pure Energy
- Living Cycles
- Earth Cycles
- The Wild Wetlands
- Kaleidoscope
- The Glade
- Walk on the Wildside Trail
- Petroglyph Walk

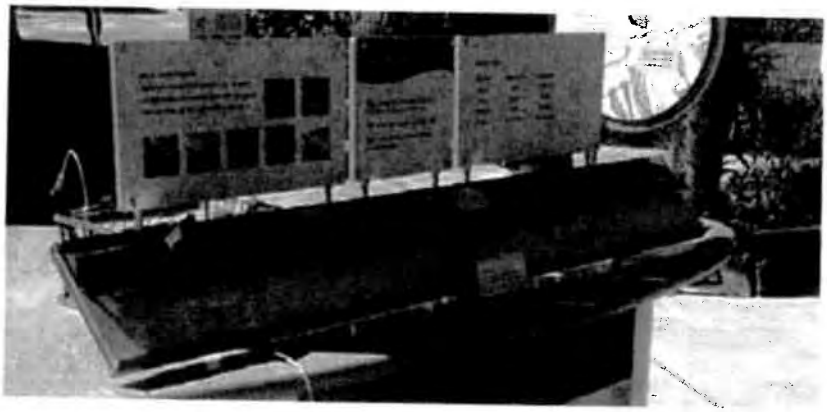
Rory Meyers Children's Adventure Garden

Dallas Arboretum – Dallas, Texas

VS R

Rory Meyers Children's Adventure Garden

Dallas Arboretum – Dallas, Texas



VSOR

Habitat Hollow

Fontenelle Forest Learning Center - Bellevue, Nebraska

The Fontenelle Forest Learning Center is a 5,000 sf indoor/outdoor nature experience, where school-age children, their families and teachers can learn about habitats and animals. "Habitat Hollow" introduces visitors to the outdoors showing them how plants and animals coexist in forest and wetland habitats.

The discovery and hands-on exhibits enable visitors to become better amateur naturalists by encouraging them to look and listen, see and understand. Visitors walk through a fallen tree trunk and discover what is hidden inside; dig in a leaf pit; look to see who lives in the discovery tree; compare their head movement to an owl's; find hidden wonders; test their observation skills; investigate metamorphosis; play with puppets; and much more! Within this gallery, visitors also experience a pond at night, enabling them to become more comfortable with nature's nocturnal chorus.
In here, visitors can create their own "marsh music" under a starry sky. The interpretive exhibits are designed to complement the outdoor activities and trails and encourage further exploration.

VS&R's responsibilities included: planning and interpretation; exhibit, graphic and media design; construction control drawings; fabrication and installation supervision.

Exhibit areas include:

- Cycling Through the Seasons
- Homes & Habitats
- Sights Unseen
- Adaptations
- Naturally Nocturnal
- Toddler Tree House
- Create a Creature
- Live Turtles and Snakes
- Trail Map

Gwinnett Environmental & Heritage Center

Gwinnett County Government - Buford, Georgia

This is a multi-use history and environmental education complex focused upon human interaction with the environment. The exhibits (8,500 sf) explore the natural and cultural history of Gwinnett County with an emphasis on water usage over time.

The visit begins in the "Blue Planet" theater, an immersive multi-media experience that takes visitors on the journey of water and its life-sustaining properties. "Water Ways" allows visitors to go back in time, to discover how their ancestors used water and interacted with environment. Interpretive vignettes, media, environmental sound, and contextual objects tell the stories. "Water Wise" challenges children and adults to test their own water habits and explore new water and energy saving materials and technologies. This also serves as a program space. The "Discover H_2O" gallery is a place to get wet! Here visitors of all ages can be hands-on with the power of water and even take a trip down the drain.

VS&R's responsibilities included: building programming; planning, content development and interpretation; exhibit, graphic and media design; construction control drawings; bid package; fabrication and installation supervision.

Exhibit galleries include:

- Blue Planet Theater
- Waterways
- Bridge Overlook
- Water Wise Center
- Discover H_2O

VS&R

Blue Ridge Parkway Destination Center

National Park Service - Asheville, North Carolina

The Blue Ridge Parkway is the longest, narrowest National Park in the world, running 469 miles through the Blue Ridge Mountains in Western North Carolina and Central Virginia. The center and its exhibits are designed to be a premier tourist destination. The main film offers stunning high-definition imagery of the region in all seasons. Its wide-screen format and surround sound immerse visitors on a journey down the Parkway. Three interpretive islands and supporting exhibits offer visitors an overview of what makes this region unique—a confluence of nature, people, opportunity, and spirit.

A separate information desk for the Blue Ridge National Heritage Area provides visitors with regional destination information. Electronic kiosks serve as digital concierges, responding to individual interests, making reservations and printing traveler information.

VS&R's responsibilities included: building programming; stakeholder and focus group meetings; planning and interpretation; exhibit, graphic and media design; construction control drawings; bid package; fabrication and installation supervision.

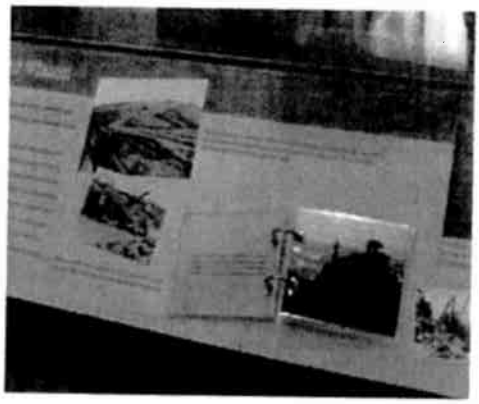


Exhibit Areas Include:

- Orientation Theater
  A 70-seat high definition production with surround sound in an immersive, widescreen format.

- Interpretive Exhibit Islands:
  - Beauty and Bounty
    This region's natural and cultural diversity.

  - Recreation and Renewal
    This region's history of reconnecting people with nature and themselves.

  - A Most Visionary Thing
    the story of the building of the Blue Ridge Parkway and the region's economy.

- Road Trip
  An interactive map of the Blue Ridge Parkway.

- Blue Ridge Music Heritage
  Listen to this region's music.

- Building Bridges
  Build a bridge and hear oral histories.

- Framing a View
  Discover how the Parkway views were designed and frame your own view.

- The American Chestnut Tree
  A story of natural and cultural history in the Blue Ridge mountains.

PROJECT KEY PERSONNEL LIST

FIRM NAME	KEY PERSONNEL & TITLE	PERCENTAGE OF TIME ASSIGNED TO PROJECT							
		DESIGN DEVELOPME PHASE	FINAL DESIGN PHASE	PERMIT APPLICATION PHASE	BIDDING & AWARD PHASE	CONSTRUCTION		CLOSE OUT PHASE	HOURLY WAGE RATE
						OFFICE	FIELD		
Rodier Ebersberger Architects	Daniel Rodier, AIA Partner, Project Architect	45 %	55 %	40 %	20 %	40 %	5 %	50 %	6 / 7
Rodier Ebersberger Architects	James Ebersberger, AIA Partner, Project Architect	20	25	5	10	10	5	10	7
Environmental Design Inc.	Tim Gromen, Project Manager	60	20	5	0	5	10	0	5 / 6
Environmental Design Inc.	Tom Pruno, Director of Operations	15	10	0	0	2	2	0	6
Alderson Engineering, Inc.	Howard Alderson, PE Principal	20	25	5	0	8	5	15	7
Alderson Engineering, Inc.	Travis Alderson, PE, LEED AP, CBCP Principal	30	40	5	5	25	5	10	5/6
Alderson Engineering, Inc.	Neal Babcock, PE Associate	25	25	3	0	25	5	15	4
Alderson Engineering, Inc.	Drew McFadden, PE Associate	10	25	3	0	5	0	5	4
Alderson Engineering, Inc.	John Murphy Electrical Engineer	25	25	10	10	5	0	15	4
Alderson Engineering, Inc.	Paul Chiappardi Construction Admin.	0	5	5	15	40	5	15	4
Van Sickle & Rolleri	Andrea Rolleri, Principal	20	25	5	0	15	20	10	7
Van Sickle & Rolleri	Dennis Van Sickle, Principal	20	25	5	0	15	20	10	7
Van Sickle & Rolleri	John Hutchinson, Exhibit Designer	30	40	5	10	30	25	15	5/6
Van Sickle & Rolleri	Tara Garrin, Graphic Designer	30	40	5	10	30	25	15	4

INSERT THE WAGE LEVEL FROM 1 TO 7 OF EACH KEY PERSON. **DO NOT INSERT ANY HOURLY RATE**

Project Narrative

Rodier Ebersberger Architects LLC

James E. Ebersberger AIA, NCARB

Daniel G. Rodier AIA, NCARB

PROJECT TEAM EXPERIENCE

With a solid thirty five year foundation of diverse facility experience, Rodier Ebersberger ARCHITECTS brings to the table the expertise and desire to meet the challenges and needs of our clients. With a vision for the future we are strongly focused on delivering quality, cost effective projects. Our firm is client focused and committed to *'excellence in project execution'*.

Rodier Ebersberger ARCHITECTS is uniquely qualified to provide the DPMC with architectural services for the Interpretive Center Renovations project at the New Jersey Liberty State Park. The depth of experience of the firm includes vast experience in project planning, facility maintenance projects, renovation and alterations to existing facilities, building infra structure projects, ADA compliance projects, long range facility plans, as well as new building facilities. Our firm has completed numerous facility upgrades, renovations and maintenance projects for our municipal, public school clients, and emergency services clients.

Rodier Ebersberger ARCHITECTS utilizes a team approach, matching our consultants to the project specific needs of our clients. Our consultants have extensive portfolios of project experience, particularly in public, municipal, and government facilities.

Rodier Ebersberger ARCHITECTS and our project consultants look forward to providing the DPMC with quality architectural services to meet and exceed all of your project goals and objectives.

PROJECT APPROACH

From the onset of this project, as with all of the projects completed by Rodier Ebersberger ARCHITECTS, the focus of the project team will be on project cost savings opportunities while achieving the project goals and objectives. Clear lines of communication will be established with the Owners' project representatives.

The teams project approach will consider the overall project scope as described above. Prior to the project kick-off meeting, project team members will revisit the project sites to confirm initial information gathered during the RFP process. The project team anticipates 'hitting the ground running', sharing initial ideas and information at the project lick-off meeting. The initial project activity will be to establish a reasonable project schedule and budget cost estimate. Immediately upon award, our first item will be to begin an environmental analysis of the facility including mold analysis and testing of all existing construction materials. Simultaneous to the testing will be a complete analysis of the building utilities and building systems to determine the condition and viability of future use in the renovated facility. Also within the first two weeks, the design team will

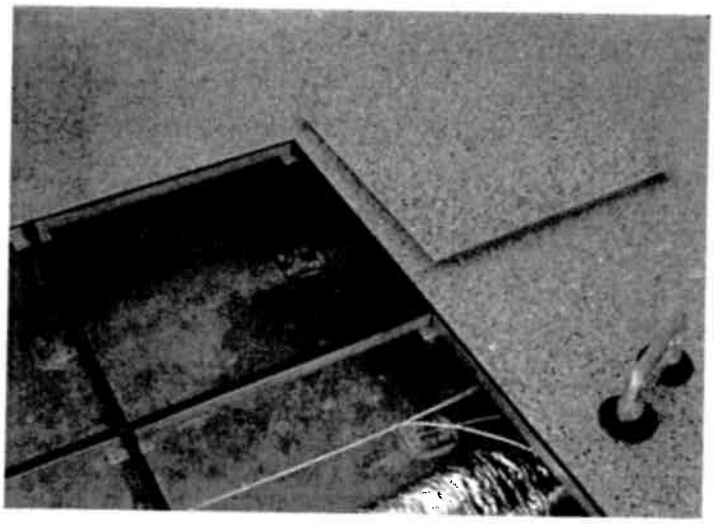
begin a thorough survey of the building, confirming conditions, space sizes & dimensions, and construction details of both the structure and the rooms within the building envelope. A thorough building measurement survey will be completed to establish exact measurements and details required. Although the building exterior is not in the scope of work, a thorough analysis and sampling of the roofing must be completed to determine the roof membrane condition. From the pre-proposal walk-through it appears that the membrane roofs will need either extensive repairs or replacement prior to any construction work on the interior of the building. There are also many flashing issues that are in need of repair that involve the existing metal roofs and exterior wall cap flashings. These will also be part of this roof repair work. At this point, analysis of the HVAC system components will enable us to determine the viability of the rooftop units. If they are going to be replaced then the support curbs and pipe boots (no pitch pockets) can be designed and located on the roof so that they become part of the roof scope of work. We are suggesting that this roof work be bid as a separate bid right after design development but prior to completion of the final design documents, so that the roof work and all required roof penetrations & details can be bid, awarded and completed prior to any interior work being started.

Our main concern with the interior renovations for this project is the fact that this facility will, at some future point, be subject to the very same conditions as it was during Super Storm Sandy. That means that unless we take the necessary precautions, the money spent on renovating this facility will have been wasted. This involves three key areas that we must address. These key areas are:

1. The building's elevation relative to the adjacent water/marsh surroundings.
2. The interior finish materials that are being used.
3. The infiltration of water through the doors and windows.

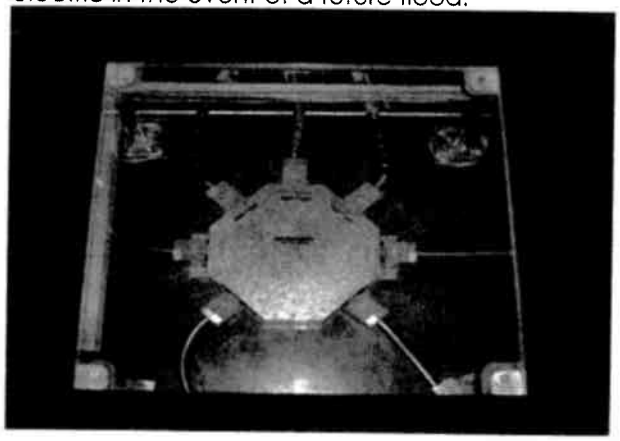
The most difficult problem is the building's floor level. The building should have been built to an elevation closer to the elevation at the adjacent access road. Instead this building was set down around three to four feet lower than the roadway. While giving access to the adjacent marsh, it also put the building at a dangerously low elevation that is susceptible to flooding. Although raising the level of the entire building can be done and we recommend strongly that it should be initially investigated, it may be financially prohibitive, consuming at possibly one quarter of the construction budget.

If this is not within the available funding, an alternative that would fall more in line with the project budget would be to install an elevated accessible floor system that would raise the floor level approximately 12"-18".



This will involve adjustments to existing building components. Based on the pre-proposal walk-though, we feel that the condition of the existing doors and frames will necessitate their replacement. At that point we can set the new doors and frames at the new elevation. Likewise the windows. Since we need to address the possible water infiltration at the steel sash windows that extend down to the floor level (see below), we can raise the bottom of these windows above the new elevated floor. The bathroom fixtures will need to be raised, but there is enough ceiling height in these room to allow this without too much reconstruction. The biggest hurdle to installing an accessible floor system is the side corridors off of the exhibition hall and auditorium. These corridors have a lower ceiling than the rest of the building (8'-5" to 9'-0" AFF). Although the roof structure would allow us to raise the ceiling heights in these side corridors, the existing ductwork runs above these ceilings to supply most of the HVAC to the facility. However in constructing an accessible floor system it would give us the opportunity to run the air supply system within the space under the floor, which would eliminate the ductwork above the corridor ceilings.

Another advantage would be to have the ability to run electric under the floor to wherever it may be needed for exhibits. Using underground rated conduit would prevent major damage to the electric in the event of a future flood.



For the interior finishes of the facility there are several solutions. Since all of the damages sheetrock has been or will be removed (following any required mold removal), a new finish panel can be used in lieu of replacing with sheetrock. A cement based board is one alternative for a replacement board. This would withstand any moisture and could be finished in a variety of ways (tile or cement stucco finish) that would not be susceptible to flooding. Another possible alternative is some sort of wainscoting panel, such as an FRP panel that would be impervious to water. There are also many other possible finish panels that can be explored. Extending this new finish on the walls to a certain

height, perhaps a chair rail height or a height to the bottom of wall mounted exhibits or a counter, would create an acceptable aesthetic solution.

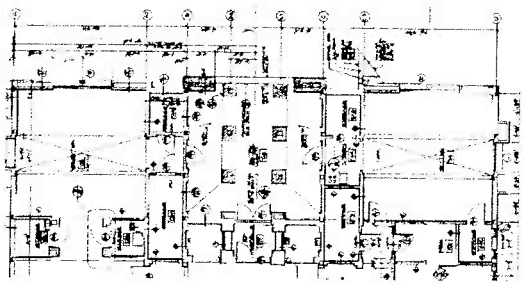
As far as the floor finish, the accessible floor solution offers many opportunities. A system such as the Tate floor system, using a lightweight cement/steel panel installed on a galvanized pedestal would certainly perform well in the event of a flood. The floor finishes can be panelized with the floor panel module or can be installed over the floor module as a seamless floor or a tiled (carpet tile, vct, etc.). The cement panel itself can even be finished for use as a finished floor surface.

In looking at the infiltration of water through the doors and windows, the installation of an accessible raised floor system would stop most of the potential infiltration by raising up the floor level above the flood waters. Any water that would penetrate though the walls would most likely be below the access floor system. For the doors, there are a number of door manufacturers, such as Orange Industries, that make a "flood-proof" door. These doors offer moderate protection against flood water infiltration.

For the windows, we would suggest that the windows be raised off of the new floor elevation by at least another 18" with a solid water resistant panel system. This will require some modification or replacement of existing windows including re-flashing to adjacent construction.

All of the above design will necessitate some minor exterior construction. Sloping walkways will be needed if we are to raise the floor level of the building. Designed properly, the sloped walkway (less that 5% slope) will eliminate the need for expensive ramps and rails on the exterior of the building. Slight re-grading of the area around the building entrance will also be needed.

One of the objectives of the work is to possibly enclose the entrance courtyard as interior space. In studying the existing building drawings, this can be accomplished quite easily. By moving the entrance door out to the perimeter of the building, it will allow the removal of the existing entrance door that does not meet current accessibility standards. This will also increase the potential area for exhibit design and we would also look to make use of one of the existing doorways into this former courtyard as a possible entrance to a "Museum Store"?



We will also look at the possibility of creating an exterior entrance to the existing rest rooms that would allow use of the facilities even when the building is closed. This will involve some reworking of the storage rooms 109A and 114C. Again this will require some new walkway and minor re-grading work on the exterior of the building.

While the design of the above proceeds and a floor plan is established, the exhibit design will begin in the schematic design phase and a number of alternate designs will be presented along with preliminary cost estimates for each design for review by the project team. As this design is refined it will be incorporated into the design development floor plans sections and interior elevations for the building renovations. See the attached "Understanding of the Project" document from our Exhibit Design Consultant, Van Sickle & Rolleri for a more detailed project narrative of the Exhibit Design.

Design of the building systems will begin as soon as the existing system survey and analysis is completed. As mentioned previously, the solutions for many of the systems will be based on the decision of whether or not to raise the finished floor elevation. When assessment of the existing systems has been completed, the feasibility of re-use of any of the existing components can be established. As the design is developed through schematic and deign development phases of design, cost saving alternates will be developed along with an updated cost estimate for each alternate. See the attached "Project Approach" document from our HVAC Design Consultant, Alderson Engineering, Inc. for a more detailed project narrative of the HVAC Engineering Design.

Preliminary plans and outline specifications will be prepared for presentation and review with the Owner's project representatives. The proposed complete building system repairs will be presented for consideration and approval. Cost savings opportunities will be explored by the project team and presented to the Owner for consideration. Building materials, systems, treatments and finishes will be selected based on durability and serviceability.

During the Final Design Phase, the final Architectural and Engineering contract documents will be developed. We would recommend that the final Exhibit Deign documents be advertised for separate bidding from the Construction project as there may be extended lead time for certain elements of the Exhibit design. Also this work is a specialty and does not need to be part of the GC work on the building. Coordination with the Construction documents will involve most likely the electrical power requirements and any required support and blocking needed for mounting of exhibits.

Thus we are proposing three separate bids for this project in the following order:

- Roofing Renovations for the Interpretive Center
- Exhibit Design for the Interpretive Center
- Renovations of the Interpretive Center

Bid alternatives will be developed to offer the Owner opportunities for project cost savings in materials and products and also using combined and separate bids. Construction administration services will commence while the Owner is considering the bid recommendations of the project team. Issuance of a 'letter of intent to award' or a 'notice to proceed' by the DPMC will allow the contractor(s) for construction to commence initial project activities such as procurement of required bonds and insurance as well as commence the project submittal process. Any long lead items will be identified during the design phase and will be a directive to the awarded contractor to begin the submittal process on these items at the notice to proceed.

Inherent in all of our projects, it will be the principals of the design team that will continue with the project from Schematic Design, through Bidding and Award, and throughout Construction Administration. Thus the communication and interaction with the Project Team and the Contractor will be consistent. The Project Team will closely coordinate and communicate with the contractor(s) to offer a seamless construction phase while protecting the interests of the Owner. Construction progress meetings will manage the project schedule and progress of the projects to meet the project completion date(s). Site visits by the project team will be made to confirm the progress of the contractor(s) for certification of applications for payment made by the contractor(s). Clear lines of communication will insure that field conditions are addressed in a timely manner. Our closeout project procedure is clear and thorough and considered the best in the industry by owners and contractor alike.

A Certificate of Substantial Completion will be issued when the all work is completed, prior to final punchlist completion and closeout documents being issued. The contract bid documents will outline and describe the closeout document packages that are to be submitted by the Contractor(s). Initial packages will be compiled and submitted by the Contractor(s) during the construction phase. The Contractor will submit a list of items in need of correction and/or completion when substantial completion is requested. The project team will conduct reviews of the project sites with the Owner's representative to confirm that the lists submitted by the Contractor(s) are complete and if not, will complete the final punch list.

Final project review will be conducted for certification of the final application and certificate for payment along with the final closeout document package. Upon verification of completion of all of the project closeout requirements, the closeout package will be submitted to the DPMC for contract closeout. Final payment will not be authorized until all punchlist work has been completed, all closeout documents and warranties have been issued and approved and all DPMC documentation is finalized.

Project Approach

AEI is prepared to proceed IMMEDIATELY on this project. We have assembled a team that has completed the same type of MPE & FP Building Renovation projects. Our team is familiar with the current codes concerning MPE & FP system design in Assembly Occupancies. We regularly design Mechanical & Electrical systems in New Jersey.

The "Key" to this project is the:

- Identification of the MPE & FP system components that are salvageable for reuse.
- Design of new MPE & FP systems that will fit into the existing building and serve the functions contained within.
- Design the MPE & FP to "LEED" standards resulting in a green, energy efficient building.

Specifically, we would proceed as follows:

Mobilization

1. Our first task is to get the existing building floor plans that are available at the facility. The plans that are available will be converted to CAD using scanning and conversion software. Areas that have no plans available will be field surveyed and will be drawn in CAD "from scratch." Our staff will accomplish the task of preparing the CAD floor plans.
2. We will meet with the facility management to discuss the scope of the project and the potential impact it will have on their operation. We will prepare a detailed project schedule that will account for the construction impact and building availability.
3. We will conduct a code search to determine the code and regulatory agency requirements of the project. We will reach out to the DCA to discuss the permitting process.

Design Development Phase

1. We will identify the existing MPE & FP system components to be reused.
2. We will meet with system manufacturer's to review the compatibility of the existing products.
3. We will then prepare a layout showing all of the new MPE & FP Equipment, and ancillary equipment.
4. We will prepare and present a matrix of features and benefits of the various manufacturers' products and assist the DPMC in making a decision concerning the basis of design.
5. We will attend regularly scheduled meetings with DPMC during the design development phase; and attend (1) meeting to present the design at the conclusion of the product design development phase.
6. We will prepare an Estimated Cost of Construction for the proposed Scope of Work.
7. The Design Development Phase plans will be submitted for review.

Final Design Phase

1. Once reviewed, the design development plans will be further developed into a final design. Details such as the mechanical, plumbing, and electrical power riser diagrams, mechanical systems, lighting, communication systems, and emergency power requirements will be developed.
2. Specifications for the project will be prepared.
3. A detailed walk-thru meeting with the facility representative will be conducted to explain the design and the proposed construction schedule.
4. We will attend (1) meeting with DPMC during the final design phase; and (1) meeting to present the design at the conclusion of the final design phase.
5. The Final Design plans and specifications will be submitted for review.

Project Approach

Permit Application Phase

1. Once the design has been "signed off" by the DPMC, signed and sealed plans and specifications will be prepared and submitted to the DCA. We will personally deliver the plans and attend a meeting with the reviewer to familiarize him with the project, and to answer any questions that he may have.
2. Once reviewed, any comments will be addressed and revisions to the plans and specifications will be completed. If needed, a revised set of plans and specifications will be resubmitted for record.
3. Any permit fees associated with this process are NOT included in this proposal and will be paid by the DPMC.

Bidding & Contract Phase

1. We will attend the Pre-Bid meeting at the site with the bidders and prepare bulletins as needed in response to questions that may affect the scope of work or bid price.
2. We will accept and respond to questions during the bidding phase. All questions will be received and responded to in writing via letter, fax, or email.
3. We will attend the bid opening. The design will be prepared with sufficient ADD/DEDUCT alternates so that the project budget ±5% will be achieved without the need to redesign and rebid the project.
4. We will attend the post-bid meeting and provide an analysis of the bids. We will make a recommendation for award of the project.

Construction Phase

1. The same engineers responsible for the design will be responsible for the construction administration and will be the point-of-contact with the contractors.
2. We will attend monthly construction meetings at the site (8 meetings over 8 months) and prepare written meeting minutes.
3. We will attend (6) Owner's Meetings with the DPMC during the construction phase.
4. We will review shop drawings, observe the construction in the field, and issue written Punch-Lists on a regular basis.
5. We will monitor the contractor's progress as measured against their schedule and make regular reports of the progress.

Close-Out Phase

1. We will prepare a final punch-list of the MPE & FP systems, including the required close-out documents.
2. We will prepare as-built CAD plans based on the contractor's field mark-up plans maintained at the jobsite.
3. We will insure that the contractor and equipment manufacturer provide testing, training, manuals, and "attic stock."

Understanding of the Project

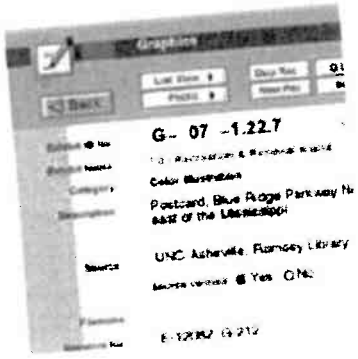
Our Implementation Process: Exhibit Design Phases

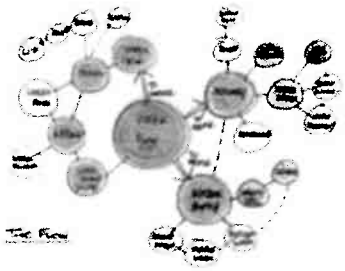
1. Schematic Design Phase

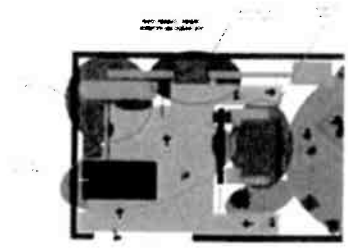
In this phase, alternative schemes are explored for organizing both the interpretive content and physical layout of the exhibits, media and architectural requirements. By the end of Schematic, a preferred alternative has been selected and major stories, exhibit elements and presentation techniques are illustrated and described. An early budget is developed for the overall project. The overall conceptual approach is presented to the Owner, after which revisions are made based on feedback gathered during the presentation.

Tasks and deliverables to be included in this phase are:

1. Develop Schematic Design:
   - Preliminary exhibit plans and elevations coordinated with architecture, storylines and media concepts
   - Bubble diagrams
   - Written descriptions
   - Overall design approach
   - Preliminary sketches and floor plans
   - Conceptualized interactives & media
   - Preliminary cost estimates
   - Research finishes, materials and hardware







Understanding of the Project

Our Implementation Process: Exhibit Design Phases

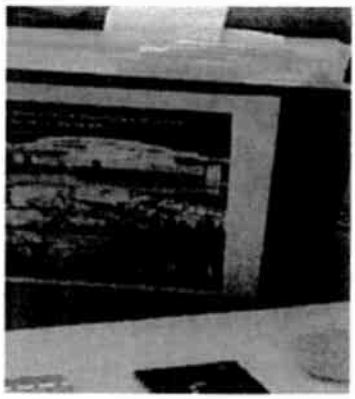
2. Design Development Phase

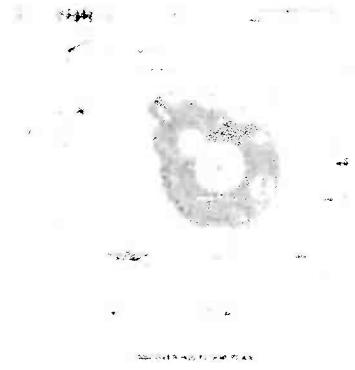
Following approval of the Schematic Design package, Van Sickle & Rollen will begin the development work required to advance the design to the next phase. Design Development builds upon the plan approved in the Schematic Design phase. All major details of the design are confirmed. Content planning is fully developed in detail. Design and content are integrated into coherent presentation formats. Complex media elements requiring further development are fully described. The exhibit's physical structure and operational characteristics are established. The preliminary budget is now refined. Conceptual design concepts are refined and detailed, including the integration of draft storylines plans, elevations and sections will be developed to scale and all integrated audiovisual requirements.

Tasks and deliverables to be included in this phase are:

2. Refine Design Develop for Exhibit Design:

- Create final exhibit outline
- Identify image,& object selections
- Prepare Cost analysis report
- Presentation of design development
- Developed exhibit design documents including plans, sections and elevations of each exhibit element
- Developed graphic design documents; numbered, keyed, and integrated into the exhibit design documents. These documents will include graphic panel styles and hierarchy, colors, typography samples, photos and photomurals, colors and finishes, preliminary photo crops, and preliminary production specifications





Understanding of the Project

Our Implementation Process: Exhibit Design Phases

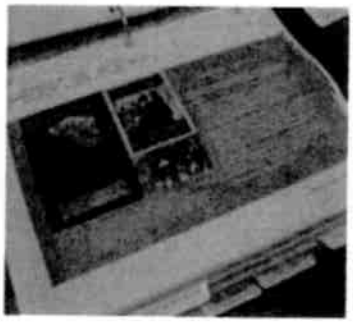
3. Final Design Phase

In this phase, all approved designs are implemented into fabrication and production design control documents. Technical drawings and specifications are completed, communicating details necessary for potential exhibit fabricators to understand, price, and begin work on the project. Pre-Production planning and design tasks are initiated and coordinated with the exhibit fabrication schedule. Final graphic layouts are reviewed and converted into graphic reference files.

Tasks and deliverables to be included in this phase are:

3. Finalize Bid Documents and Prepare Construction Documentation:

- Produce detailed elevations & plans
- Produce Fabrication Specification documents
- Produce Final Media Intent Outlines
- Typeset Digital Graphics
- Reference files and specifications for exhibit graphics



Understanding of the Project

Our Implementation Process: Exhibit Design Phases

4/5 Bidding and Exhibit Construction Phase VS&R's role during the fabrication and installation phases of the project is to ensure the fabrication and installation of the final exhibit is in accordance with VS&R's design intent and the intended goals and purpose of the project. We will act as the owner's representative/agent during the bid phase, construction and post-construction phases of the overall project.

During the fabrication phase, VS&R will review of shop drawings, material samples and in-factory progress inspections. VS&R will visit the exhibit builder's shop to review and approve work in progress, in accordance with the approved schedule, at intervals appropriate to the stage of the fabrication and production schedule. During the installation phase, VS&R will undertake periodic site visits to check work in progress. Any issues arising in regard to design, fabrication or installation will be addressed and settled to the full satisfaction of the owner and the project budget.

Tasks and deliverables to be included in this phase are:

4/5. Bid and Construction Phase

- Provide scheduled monitoring of exhibit contractors
- Coordinate construction & implementation, testing and inspection activities
- Maintain on-site records of documentation, minutes, shop drawings, inspections, tests, correspondence, etc.
- Create punch list at project completion

PROJECT SCHEDULE

ACTIVITY	ACTIVITY DURATION									
	MONTH 1 WEEK 1 2 3 4	MONTH 2 WEEK 1 2 3 4	MONTH 3 WEEK 1 2 3 4	MONTH 4 WEEK 1 2 3 4	MONTH 5 WEEK 1 2 3 4	MONTH 6 WEEK 1 2 3 4	MONTH 7 WEEK 1 2 3 4	MONTH 8 WEEK 1 2 3 4	MONTH 9 WEEK 1 2 3 4	MONTH 10 WEEK 1 2 3 4
CONTRACT AWARD	X									
SCHEMATIC DESIGN PHASE	XXXXXXXX	XXXXXXXX	XXX							
INITIAL PROJECT SCHEDULE	X									
PROJECT KICK-OFF MEETING	X									
ENVIRONMENTAL MOLD TESTING	XXX									
SCHEMATIC EXHIBIT DESIGN	XXXXXX	XXXXXXXX	XX							
SCHEMATIC/ DD OF ROOF RENOVATIONS	XXX	XXXXXXXX	XX							
SCHEMATIC DESIGN DRAWINGS	XXX	XXXXXXXX	XX							
DPMC PLAN APPROVAL & CODE REVIEW			XXX							
PRELIMINARY CONSTRUCTION ESTIMATE			XX							

	MONTH 1 WEEK 1 2 3 4	MONTH 2 WEEK 1 2 3 4	MONTH 3 WEEK 1 2 3 4	MONTH 4 WEEK 1 2 3 4	MONTH 5 WEEK 1 2 3 4	MONTH 6 WEEK 1 2 3 4	MONTH 7 WEEK 1 2 3 4	MONTH 8 WEEK 1 2 3 4	MONTH 9 WEEK 1 2 3 4	MONTH 10 WEEK 1 2 3 4
DESIGN DEVELOPMENT PHASE			XXXX	XXXXXXXX	XXXXXX					
PREPARE DESIGN DEVELOPMENT DRAWINGS			XXX	XXXXXXXX						
PRELIMINARY EXHIBIT DESIGN ALTERNATES (3)			XXXXX	XXXXX						
PREPARE FINAL BID DOCUMENTS FOR ROOF RENOVATIONS				XXXXXX	XXX					
PREPARE OUTLINE SPECIFICATION				XXXXXX						
PREPARE HVAC SYSTEM RECOMMENDATION				XX	XXX					
PREPARE LIGHTING / FIXTURE RECOMMNEDATION				XX	XXX					
DEVELOP BID ALTERNATES FOR CONSIDERATION					XXXX					
SEEK COST SAVINGS OPPORTUNITIES				XXXXXXXX	XXXXXX					
FINAL EXHIBIT DESIGN				X	XXXXXXXX	XXXXXXX	X			
PREPARE DPMC SUBMITTAL PACKAGE					XX					
DPMC PLAN APPROVAL & CODE REVIEW					XX					
REVISED CONSTRUCTION ESTIMATE					XX					

	MONTH 1 WEEK 1 2 3 4	MONTH 2 WEEK 1 2 3 4	MONTH 3 WEEK 1 2 3 4	MONTH 4 WEEK 1 2 3 4	MONTH 5 WEEK 1 2 3 4	MONTH 6 WEEK 1 2 3 4	MONTH 7 WEEK 1 2 3 4	MONTH 8 WEEK 1 2 3 4	MONTH 9 WEEK 1 2 3 4	MONTH 10 WEEK 1 2 3 4
FINAL DESIGN PHASE					XXXX	XXXXXXX	XXXXXX	XXX		
PREPARE FINAL BUILDING PLANS					XXXX	XXXXXXX	XXXXX			
PREPARE FINAL PROJECT SPECIFICATIONS						XXXXXX	XXXXX			
COST ESTIMATE UPDATE							XX			
DEVELOPE BID ALTERNATES							X	XX		
DPMC PLAN APPPROVAL & CODE REVIEW								XXXX		
PERMIT APPLICATION PHASE								XXXXX	XX	
FINAL DPMC PLAN APPPROVAL & CODE REVIEW								XXXX		
REVISE BID DOCUMENTS PER CODE COMMENTS								XX		
PREPARE FINAL BID PACKAGE									XX	
BID PHASE									XXXXXX	XX
REVIEW BIDS										X

Commented [DR1]:

	MONTH 1 WEEK 1 2 3 4	MONTH 2 WEEK 1 2 3 4	MONTH 3 WEEK 1 2 3 4	MONTH 4 WEEK 1 2 3 4	MONTH 5 WEEK 1 2 3 4	MONTH 6 WEEK 1 2 3 4	MONTH 7 WEEK 1 2 3 4	MONTH 8 WEEK 1 2 3 4	MONTH 9 WEEK 1 2 3 4	MONTH 10 WEEK 1 2 3 4
AWARD PHASE										XXXXXXX
CONTRACT AWARD										XX
CONSTRUCTION PHASE										260 Days from end of month 10
CONSTRUCTION ADMINISTRATION										260 Days from end of month 10
SUBSTANTIAL COMPLETION										+ 2 Weeks
PROJECT CLOSEOUT										+2 Weeks

Schedule Narrative

Rodier Ebersberger Architects LLC
James E. Ebersberger AIA, NCARB
Daniel G. Rodier AIA, NCARB

PROJECT SCHEDULE

From the onset of this project, as with all of the projects completed by Rodier Ebersberger ARCHITECTS, the focus of the project team will be on compressing the project schedule wherever possible and looking for opportunities to overlap certain activities while achieving the project goals and objectives. One of these opportunities is to break out the work into three separate bids. The first work to be bid would be the Roof Renovations. Following schematic design, during the design development phase of the project, we will look to finalize the scope of work required to renovate the membrane roofing. Once the HVAC design is set during the design development phase and all rooftop equipment and penetrations have been established, the final Roof Renovations to the Interpretive Center documents can be prepared for bidding. This will insure a watertight roof prior to the commencement of the interior renovations to the building. We anticipate that these documents should be ready in about 130 days from the start of the schematic design phase of the project.

The next bid to be prepared will be the Final Exhibit Design for the Interpretive Center. Because of the potential for long lead materials and assembly of the exhibits, these bid documents should be prepared as soon as the final building layout is set during design development. This will require that the exhibit design proceed at once upon award of the design contract. We will need the project team to evaluate alternate designs with associated costs and approve a single design approach as soon as possible. Development of the design development and final design of the exhibit package will proceed slightly ahead of the building renovations and should be ready for final approval in approximately 200 days from the start of the schematic design phase of the project.

The final bid package will be the Building Renovation to the Interpretive Center. This work will be coordinated with the Roof Renovations bid and the Exhibit Design bid for structural support, blocking, flashing, power requirements and penetration details. The schematic design phase and the design development phase of this bid will take approximately 160 days from the start of the schematic design. This is a bit longer than allowed for in the schedule contained in the RFP. However we anticipate that this time can be made up during the construction phase since the roof and exhibit design work will already be underway when the construction phase of the building renovations begins. The overall schedule for the project should fall within the 570 total days allotted in the RFP. Other ways for compressing the schedule would involve overlapping various tasks within each of the project phases. As an example, preparation of final design phase documents will commence during the design development phase. Appropriate adjustments to selected materials and finishes will be made based on project cost estimating efforts during the design development phase. Clear lines of communication and the sharing of information will further aid in overall reduction of the project schedule.

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

State of New Jersey
DEPARTMENT OF TREASURY
DIVISION OF PROPERTY MANAGEMENT & CONSTRUCTION
PO BOX 034
TRENTON NJ 08625-0034

ANDREW P. SIDAMON-ERISTOFF
State Treasurer

STEVEN SUTKIN
Director

DATE: October 21, 2014

TO: The Architects Alliance
Laurence E. Parisi, PC
Dunzik Besold Architects
2Ki Architects
Rodier Ebersberger Architects

FROM: Richard M. Ferrara, Assistant Deputy Director
Contracts & Procurement Unit

SUBJECT: Addendum "B" dated October 21, 2014
Project P1111-00
Interpretive Center Renovations
Liberty State Park
Jersey City, NJ – Hudson County

Enclosed is the above referenced addendum. All competing firms shall acknowledge receipt by returning this form to:

Division of Property Management & Construction
Contracts and Procurement Unit
Attention: Catherine Douglass
P.O. Box 034
Trenton, NJ 08625-0034
Fax #: (609) 777-1970
Email: catherine.douglass@treas.state.nj.us

OCTOBER 21ST 2014
Date Received

RODIER EBERSBERGER ARCHITECTS
Firm Name

209 MIMOSA COURT, WILLIAMSTOWN, NJ 08094
Address

Dario Rodier
Signature

PARTNER
Title

State of New Jersey
DEPARTMENT OF TREASURY
DIVISION OF PROPERTY MANAGEMENT & CONSTRUCTION
PO BOX 034
TRENTON NJ 08625-0034

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

ANDREW P. SIDAMON-ERISTOFF
State Treasurer

STEVEN SUTKIN
Director

DATE: October 21, 2014

TO: The Architects Alliance
Laurence E. Parisi, PC
Dunzik Besold Architects
2Ki Architects
Rodier Ebersberger Architects

FROM: Richard M. Ferrara, Assistant Deputy Director RF
Contracts & Procurement Unit

SUBJECT: Addendum "A" dated October 21, 2014
Project P1111-00
Interpretive Center Renovations
Liberty State Park
Jersey City, NJ – Hudson County

Enclosed is the above referenced addendum. All competing firms shall acknowledge receipt by returning this form to:

Division of Property Management & Construction
Contracts and Procurement Unit
Attention: Catherine Douglass
P.O. Box 034
Trenton, NJ 08625-0034
Fax #: (609) 777-1970
Email: catherine.douglass@treas.state.nj.us

OCTOBER 21, 2014
Date Received

RODIER EBERSBERGER ARCHITECTS
Firm Name

209 MIMOSA COURT, WILLIAMSTOWN, NJ 08094
Address

Signature

PARTNER
Title