

*Expression of Interest for:*

**CEOI 0603 ADJ2000000009**

**PROJECT FOLDER:**

**713623 EOI- Buckhannon Phase II Addition**

RECEIVED  
2020 MAY -5 PM 12:33  
WV PURCHASING  
DIVISION

*Prepared for:*

**State of West Virginia  
Department of Administration  
Purchasing Division  
2019 Washington Street East  
Charleston, WV 25305-0130**

*Submitted by:*

**UpStreet Architects, Inc.**

541 Philadelphia Street  
Indiana, PA 15701  
724-349-3601

911 Menoher Boulevard  
Johnstown, PA 15905  
814-539-0224

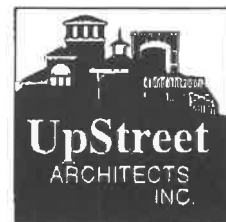


**May 5, 2020**



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May 5, 2020

Department of Administration, Purchasing Division  
2019 Washington Street East  
Charleston, WV 25305-0130  
304-558-3970 fax

**RE: Expression of Interest CEOI 0603 ADJ2000000009**

Proc Folder: 713623 EO- Buckhannon Phase II Addition

To Whom It May Concern:

We are pleased to offer our professional services in this Expression of Interest for the Architectural/Engineering design services including construction bid documents and construction administration services for the two Phases in the construction of an addition at the Buckhannon Readiness Center. This letter and its enclosure constitutes our proposal to provide architectural, engineering and force protection services for the construction of an addition at the Buckhannon Readiness Center at 929 Brushy Fork Road in Buckhannon, WV.

**Purpose and Understanding of the Project**

We understand your request for our services to be architectural and engineering design and development of construction bid documents for two Phases of the construction of an addition. Phase 1 will be to provide a design for the construction that is 35% complete. These documents will be utilized to secure funding for Phase 2 which will include completion of the remaining 65% of the construction design, assistance in competitive bidding for the construction work and construction administration. The new building design is to meet all current building codes, ADA compliance and current military force protection regulations. Preparation of construction bid documents per State Purchasing Procedures are included in the scope. We understand that Phase 2 of this project is contingent upon receipt of funding.

Buckhannon Readiness Center new Addition -- Architecture and Engineering:

Phase 1:

Complete the design to 35%

**Permanent masonry buldings with:**

Assembly Hall

Classrooms

Learning Center

Kitchen

Toilets and Showers

Office Space and administrative and general purpose areas.

All electrical and mechanical systems to support the facility

Cost effective energy conserving features

Paved roads

Concrete Pads

Concrete Sidewalks

Vehicle Parking

Physical Security Measures

Geotechnical Work

Locating Existing Underground and Above Ground Utilities

Drawings and specifications of all utility and road infrastructure, as needed

**Phase 2:**

Completion of 65%, 95% and 100% construction bid drawings and specifications

Meet all current building codes

Meet all military codes and regulations

Cost estimates at each stage

Assist with competitive bidding process for construction, as needed including responses to questions and answers, design/specification modifications and addenda preparation

ADA compliance

Meet current Military Force Protection Regulations

**Our Qualifications**

Included in our expression of interest are additional descriptive pages with examples of our team's work in new masonry construction with assembly halls, classrooms, kitchen, restrooms, showers, office space and administrative areas in an energy efficient design. Our work with the Indiana Fire Association includes 2 new construction masonry buildings which feature assembly spaces, classrooms, kitchen, restrooms/showers, office space and administrative areas. Renovations and new additions with phased construction and integration of new and existing systems for Cambria County Association of the Blind and Handicapped at two locations of their light manufacturing facilities.

We have assembled an excellent team that will deliver a practical, workable design for your building. HF Lenz Company will be the engineering team,



Standing Stone Consulting, Inc. will provide the Force Protection recommendations, JA Cost Engineers and Advisors will provide cost estimating services, and UpStreet Architects, Inc. will provide the Architectural and lead the team on the design of the buildings. We are currently working with most of these team members on projects for the Letterkenny Army Depot in Baltimore, MD and for the PA Department of General Services project for the rehabilitation of the Clearfield Readiness Center in Clearfield, PA. Attached are Firm Descriptions for each and resumes for Key Personnel.

UpStreet Architects has been designing new construction, renovation, rehabilitation, and adaptive reuse for more than 25 years. We understand that operating and maintenance costs are critical to the success of the project, and architecture that is designed for thermal performance, low maintenance exteriors, efficient mechanical, plumbing and electrical systems, and force protection is critical for the success of projects for the Army National Guard.

A large portion of our work has a long event horizon with applications being submitted a year or more before funding is secured. We certainly understand the importance of planning, estimating and execution.

**Small, Women-Owned Business**

UpStreet Architects has received SWAM certification with the State of West Virginia. WBENC recognizes UpStreet Architects as a National Women's Business Enterprise and as a Woman Owned Small Business. Attached are the certifications.

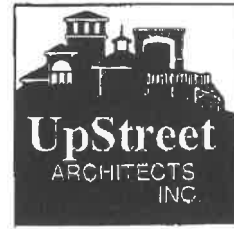
We would be pleased to meet with you to discuss your project and to elaborate on our qualifications. Thank you for your consideration.

Sincerely,



Karen L. Welsh, R.A.  
President

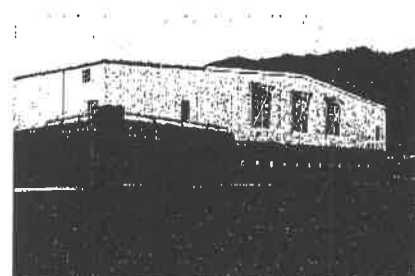
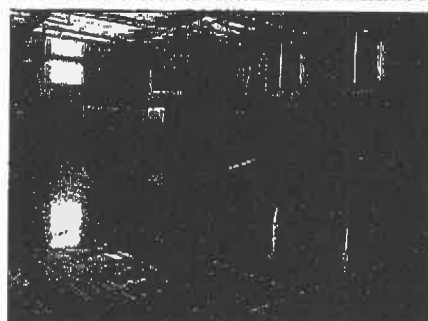
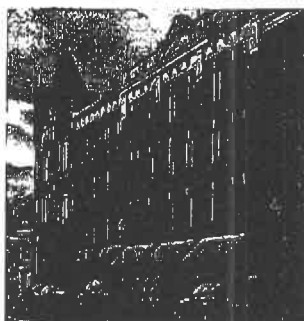
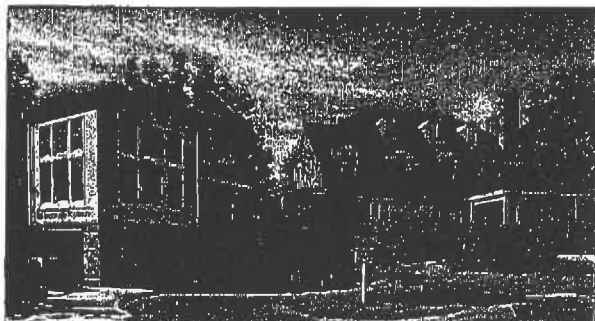




**B. FIRM DESCRIPTIONS**

### Firm Description And Qualifications

UpStreet Architects, Inc. is a full-service firm providing Architectural, Planning, Landscape Architecture, Interior Design and Project Management services from our offices in Indiana, PA and Johnstown, PA. Our firm is licensed to practice in multiple states and we go where our clients go. Since 1988, UpStreet Architects, Inc. has completed numerous new construction, renovation, rehabilitation and historic preservation projects in urban, suburban and rural environments. Many of the projects we complete have multiple phases, layered requirements and varied complexities. We embrace our role to be involved in every aspect of the development process so that our services are comprehensive and decisions can be made in the best interest of the client.



In addition to the traditional aspects of architectural design, all of the firm's work requires compliance with government and financing agency requirements. Typical projects require coordination with the oversight agency, meeting the requirements for review and commitment schedule, establishing relationships with the local community or facility representatives, designing a project that meets the program and budget, responding to community initiatives and ensuring compliance with these layered requirements. We have worked hard to establish a cooperative and responsive reputation with our clients and with third party agencies on behalf of their projects. The following points illustrate our project approach and ability to provide coordinated architectural services to benefit your project.

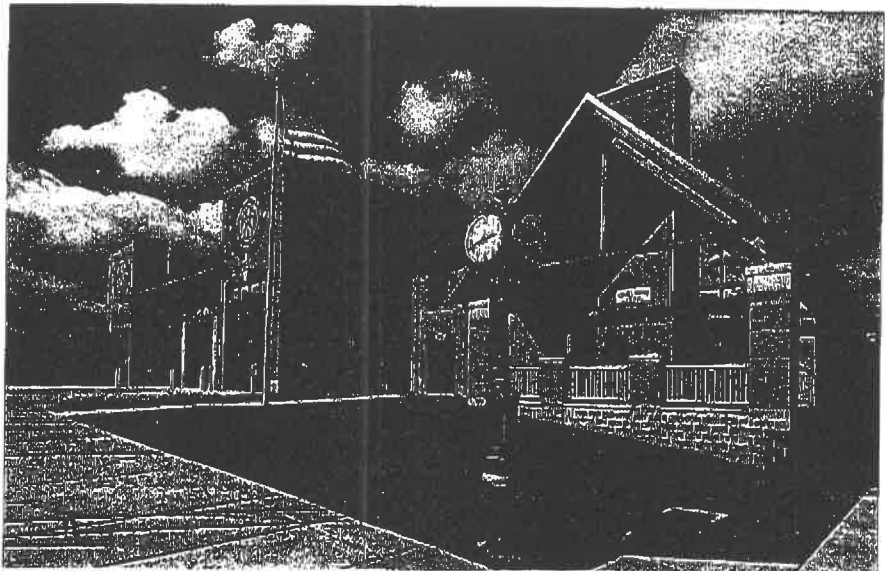
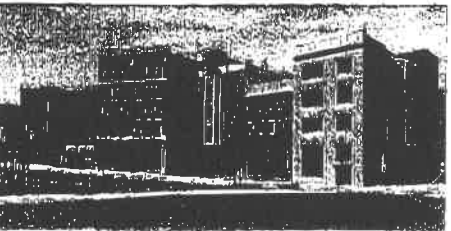
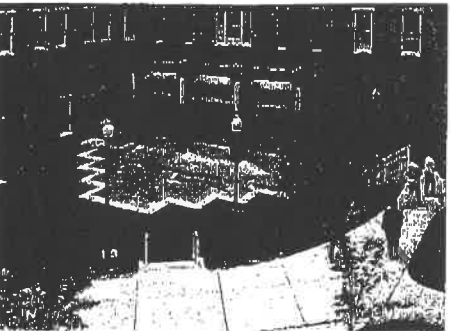
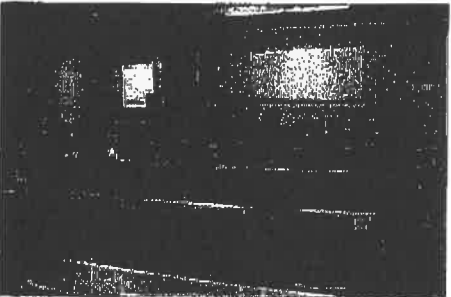
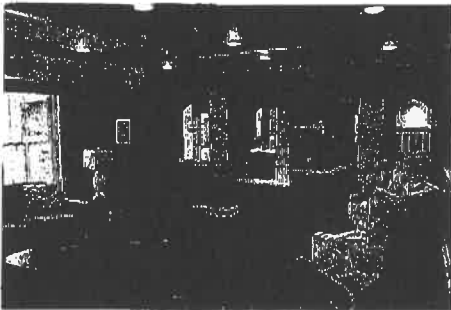
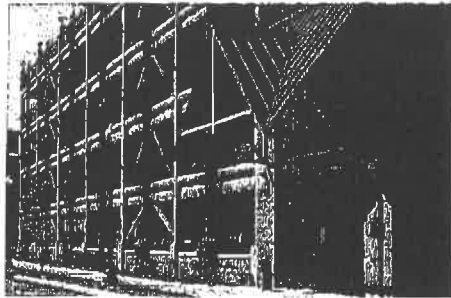
- Exhibit an attitude of teamwork and constructability.
- Provide creative solutions to meet our clients goals and budgets.
- Communicate the vision and expectations through coordinated documents.
- Design projects to provide services and amenities, enhance community connections and encourage economic development.
- Utilize our staff's diversity of knowledge, experience and interests to the project's benefit which allow us to evaluate decisions in many aspects and contexts.
- Identify the priorities and timeframes for critical path items, submission requirements and work within the budget for both design and construction.
- Demonstrate a consistent pattern of successful management of projects requiring multi-disciplined teams of professionals.
- Provide support and resources for our clients to cultivate long term relationships, repeat clients and open ended agreements.
- Recognized WBE and Small Diverse Business by the PA Department of General Services and the National Women's Business Enterprise Certification programs.

Karen L. Welsh, R.A.  
Thomas R. Harty, R.A.

541 Philadelphia Street  
Indiana, PA 15701  
724-349-3501

571 Mandler Boulevard  
Johnstown, PA 15905  
814-533-0221

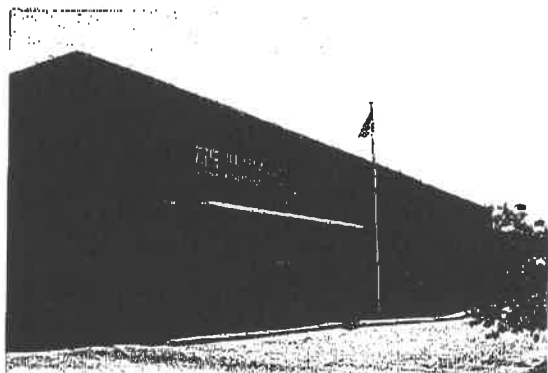
[www.upstreetarchitects.com](http://www.upstreetarchitects.com)  
Certified WBE



We take great pride in our designs, our construction documents, our project management skills, and the relationships we build. As a Full Service Architectural Firm, we offer many services for a variety of project types including:

- **Architectural Design:** All phases of design and construction
- **Master Planning and Feasibility Studies:** Balancing vision and financing to achieve goals
- **Rehabilitation/Renovation of Facilities:** Specializing in Adaptive Reuse of existing buildings for efficiency, accessibility, and practicality
- **Historic Preservation:** Preserving, enhancing and rejuvenating
- **Sustainable Design Programs:** Thermal performance and efficiency are used to enhance the project's character and decrease operating costs
- **Building Code and Accessibility Issues:** Thorough knowledge of codes and funding agency requirements
- **Landscape Architecture and Recreation:** Creating spaces and places in the exterior environment
- **Project Management:** During design and construction we manage the groups of professionals needed to complete the project successfully
- **Multi-Family Housing:** more than 25 years experience in all facets, more than 5,000 units of affordable housing created across Pennsylvania
- **Multi-Block and Mixed-Use Developments:** Integrate living, working, commercial, and infrastructure improvements to spur revitalization
- **Manufacturing and Industrial Facilities:** Understanding the processes involved in order to maximize efficiency
- **Financing Applications:** Providing design documents and application materials to secure project funding and strategize resources
- **Interior Design:** Integrating the building and its systems with function and aesthetics



**Johnstown Headquarters**

1407 Scalp Avenue  
Johnstown, PA 15904  
Phone: 814-269-9300  
Fax: 814-269-9301

**Pittsburgh Office**

1051 Brinton Road  
Pittsburgh, PA 15221  
Phone: 412-371-9073

**Central Pennsylvania Office**

549 North Mine Road  
Lebanon, PA 17042  
Phone: 717-461-3916

**Ohio Office**

322 Stale Street  
Conneaut, OH 44030  
Phone: 440-599-7800  
Fax: 440-599-7801

**Connecticut Office**

101 Centerpoint Drive  
Suite 237  
Middletown, CT 06457  
Phone: 860-316-2124

## H.F. Lenz Company

H.F. Lenz Company was established 1946 in its present form, under the name H.F. Lenz Company, R.E., and in 1953 the company was incorporated, as a Private Corporation, in Pennsylvania as H.F. Lenz Company. Our projects span the nation, with the heaviest concentration in the Northeast, and exceed \$530 million in MEP, Civil and Structural construction annually. Each market sector—corporate, government, health care, education, and industry—is served by a team of specialists who understand the unique needs of the clients they serve. Our staff consists of 160+ individuals, including 49 Licensed Professional Engineers and 20 LEED Accredited Professionals. Our headquarters is in Johnstown and Lebanon, Pennsylvania with branch offices in Pittsburgh and Lebanon, Pennsylvania, Conneaut, Ohio, and Middletown, Connecticut.

### DISCIPLINES/SERVICES OFFERED IN-HOUSE INCLUDE:

- › Mechanical Engineering
- › Electrical Engineering
- › Data/Communications Engineering
- › Fire Protection / Life Safety Engineering
- › Structural Engineering
- › Civil Engineering
- › Surveying
- › GIS
- › Construction Phase Services
- › Commissioning and Training
- › 3D CADD with Full Visualization
- › Energy Modeling
- › Sustainable design/LEED Services
- › Building Information Modeling (BIM)

### DOD FACILITIES EXPERIENCE

The team that will serve on this contract is comprised of dedicated, multi-discipline individuals, many of whom have been working together for over a decade. Together they have taken on the challenges of numerous high profile, complex projects and have derived workable, cost-effective solutions that have met the objectives of the client.

H.F. Lenz Company has provided engineering services for over \$100 million of construction for the Baltimore Corps of Engineers over the past 20 years including 7 indefinite delivery-type contracts and 11 new reserve centers, several of which were in West Virginia. Our experience also includes the PA Army National Guard, Crane Readiness Center Rehabilitation project completed in 2015, and the PA Army National Guard, New Castle Readiness Center Rehabilitation, completed in 2018. We also recently awarded a project for the PA Army National Guard, Clearfield Readiness Center, which is just beginning design.

In addition, we have held six consecutive term contracts for Letterkenny Army Depot under which we have completed more than 100 projects requiring a variety of engineering expertise throughout the base.

H.F. LENZ COMPANY

FIRM PROFILE



**Standing Stone Consulting, Inc.** has worked on all types and phases of projects including feasibility studies, Master Planning, programming, design and design guidelines and construction. Our projects include base renovations, site work, base entrances, air fields and highly secure military facilities. Standing Stone Consulting has provided antiterrorism/force protection analysis, assessments for the Army, Navy, Marines and US Coast Guard. The following are some relevant projects: Detroit Weapons Arsenal Design, Fort Indiantown Gap Battalion Training Complex, Fort Leavenworth Medium Security Prison Design, Hawthorne Army Depot Explosive Safety Master Plan, US Army (West Point), Keller Army Community Hospital AT/FP Plan, Ft Lee, AIT Barracks, and Fort Drum. The work included an analysis of the probable threats and vulnerabilities at the sites and recommendations to mitigate those threats and vulnerabilities. Additional Standing Stone's projects include Sector Command and Head Quarters facilities for the US Coast Guard. Standing Stone has provided force protection – anti terrorism work for a number of other Coast Guard facilities and projects. We participated in the USCG Shore Facilities Capital Asset Management Strategy, Charlestown Regional Strategic Plan, and provided assessments at San Diego, Alameda, and TISCOM. San Diego and Alameda are full service Coast Guard bases, with land, sea and air capability. TISCOM is a centralized communication facility.

**JA Cost Engineers and Advisors, Inc. ("JACEA")** is a multifaceted advisory firm that specializes in services for construction, development and capital improvement projects. JACEA's principals have extensive experience with all aspects of the construction process. They have worked across a diverse number of projects, industries and organizations which has allowed adaptation to the ever-changing environment of construction. JACEA experts apply their knowledge and understanding of construction to provide Cost Estimating services on projects of any size or complexity. JACEA understands the importance of starting a project off with a solid cost estimate to establish the correct budgets and project expectations. JACEA can provide either the initial cost estimate, or verification to a cost estimate provided by the CM/GC. Our cost estimating professionals hold multiple designations by CSI, ASCPE and AACEI. The services we provide are:

- Cost Estimating validation
- Estimating analysis at 30/60/90% design levels
- Basis of Design estimates
- Major change in project scope estimating/validation





**D. RESUMES**

Karen L. Welsh, R.A.  
Principal Architect

#### PROFESSIONAL REGISTRATION

- REGISTERED ARCHITECT
- Pennsylvania
- West Virginia
- Maryland
- Tennessee
- Ohio
- National Council of Architectural  
Registration Boards

#### PROJECT TYPE EXPERTISE

- Urban and Rural Environments
- New Construction
- Adaptive Reuse
- Additions and Modifications
- Historic Preservation
- Multi-Block and Mixed Use  
Developments
- Affordable Multi-Family Housing
- Senior
- Family
- Special Needs
- Rehab and Modernization
- PHFA, PHCB, USDA, HUD
- Civic and Assembly Buildings
- Offices and Workplaces
- Commercial Tenant Fit Out
- Industrial & Manufacturing  
Facility Improvements
- Accessibility Modifications
- Master Planning
- Site Assessment
- Multi-Disciplined Project  
Management



911 Mehoffer Boulevard  
Johnstown, PA 15905  
814-539-6224

541 Philadelphia Street  
Indiana, PA 15701  
724-349-3601

[www.upstreetarchitects.com](http://www.upstreetarchitects.com)

#### EXPERIENCE SUMMARY

Since 1994, Karen has led the firms of UpStreet Architects, Inc. and its predecessor firm Welsh + Harley • Architects, providing complete architectural planning, design and contract administration services. In her role as Principal and Project Architect, she interfaces and coordinates with the development team members, consultants, contractors and financing entities from feasibility review to construction completion. She balances aesthetic and programmatic aspects while meeting the requirements of developers, contractors, financing agencies, government programs and their oversight.

#### PROFESSIONAL EXPERIENCE

##### PRESIDENT

**UpStreet Architects, Inc.**, Indiana, PA and Johnstown, PA  
September 1997-Present

- provides full architectural design services from project initiation to completion.
- analyzes project development and feasibility analysis of scope and site.
- designs concept development and identification of requirements, impacts and risks to be addressed.
- assembles consultant teams and resource allocation to serve project needs.
- provides presentations and participates in public meetings.
- assists client through project financing applications.
- interfaces with governing entities and code officials.
- provides code and accessibility reviews.
- evaluates budgets and benchmark scheduling.
- provides quality assurance and constructability reviews of contract documents.
- interfaces with client throughout the process.

##### PARTNER

**Welsh + Harley • Architects**, Indiana, PA  
January 1994-August 1997

Project development, design, contract administration and coordination of various types of projects including assembly, multi-family housing developments and community services, historic restoration and rehabilitation.

##### INTERN ARCHITECT / PROJECT MANAGER

**Thomas R. Harley, Architects**, Indiana, PA  
July 1992-December 1993

Design, construction document production and coordination of various types of projects including multi-family housing, historic restoration and rehabilitation and commercial renovation concentrated in the Western Pennsylvania area.

RESUME

**EDUCATION**  
**BACHELOR OF**  
**ARCHITECTURE**  
 Carnegie Mellon University  
 Pittsburgh, PA 1989

**PROFESSIONAL ACTIVITIES**

- Pennsylvania Housing Research Center Industry Advisory Council, 2018-2021
- PA Labor and Industry UGC Review and Advisory Council, 2011-2015
- International Code Council Voting Member, 2015 IBC Code Hearings, Atlantic City, NJ, October 2013
- ANSI ICC-700-2008 and 2012 National Green Building Standard Multi-Family Housing Task Group member
- NAHB as Secretariat
- Grant Review Panel, PA Historical and Museum Commission, Keystone Historic Preservation Grant Program, 1997

**PROFESSIONAL REFERENCES**

Mike Kearney, President  
 Mullin & Lehner Associates  
 2 Kasey Court, Suite 201  
 Mechanicsburg, PA 17055  
 (717) 731-1161  
 mlkear@mandl.net

Andy Haines, Exec VP  
 Gatesburg Road Development  
 2121 Old Gatesburg Road  
 State College, PA 16803  
 (814) 272-8907  
 ahaines@gatesburgroaddevelopment.com



911 Menoher Boulevard  
 Johnstown, PA 15805  
 814-539-0224

541 Philadelphia Street  
 Indiana, PA 15701  
 724-348-3601

[www.upstreetarchitects.com](http://www.upstreetarchitects.com)

**Karen L. Welsh, R.A.**  
**Principal Architect**

**ARCHITECTURAL DESIGNER / INTERN ARCHITECT / PROJECT MANAGER**

I.J. Chung Associates, Pittsburgh, PA  
 November 1989-July 1992

Design, construction document production, presentation drawings, contract administration and general coordination for a wide variety of projects including renovations to several Housing Authority of the City of Pittsburgh projects, high end single family housing, and light commercial.

**ARCHITECTURAL DESIGNER/ INTERN ARCHITECT**

E. Pawlowski Associates, Johnstown, PA

May 1988-August 1988 and June 1989-September 1989

Design and presentation drawings for a large number of historic restoration and rehabilitation projects associated with Johnstown's 1889 Flood Centennial Celebration and various public housing improvement projects.

**ORGANIZATIONS**

- American Institute of Architects
- Energy Star Partner
- US Green Building Council
- International Code Council
- Housing Alliance of Pennsylvania
- Women in Housing and Finance PA
- Pennsylvania Housing Research Center
- National Association of Home Builders
- Pennsylvania Builders Association
- Pennsylvania Association of Housing and Redevelopment Authorities
- Indiana County Chamber of Commerce
- Cambria Regional Chamber

**RECENT RECOGNITION**

- 2019 PA Business Central Women in Business 50 to Follow
- 2019 PA Business Central Top 100 Businesses
- 2018 PA Business Central & Saint Francis University - "Women Making a Difference"
- 2018 PA Business Central Top 100 People
- 2018 YWCA Cambria & Somerset Counties Tribute To Women Award for Business Category
- 2016 PA Business Central Women in Business 50 to Follow *inaugural class*
- 2015 PA Builders Association Associate of the Year

Resume

# The West Virginia Board of Architects

certifies that

**KAREN LEWIS WELSH**

is registered and authorized to practice  
Architecture in the State of West Virginia.

In testimony whereof this certificate has been issued  
by the authority of this board.

Certificate Number [REDACTED]

*The registration is in good standing until June 30, 2020.*



Board Administrator

Thomas R. Harley, R.A., AIA  
Principal Architect  
25 years with the firm

**PROFESSIONAL REGISTRATION**  
**REGISTERED ARCHITECT**

Pennsylvania, Indiana, Ohio, New York, and Virginia

National Council of Architectural Registration Boards (NCARB)

**EDUCATION**

**MASTER OF ARCHITECTURE**

Carnegie-Mellon University

Pittsburgh, PA 1978

**BACHELOR OF ARTS IN**

**ARCHITECTURE**

North Dakota State University

Fargo, ND 1978

Majors: History & Interior Design

**PROFESSIONAL**

**ORGANIZATIONS**

American Institute of Architects

AIA, Pittsburgh Chapter

Pennsylvania Society of Architects

**RECOGNITION**

2018 Eagle Award for  
Excellence in Construction

from the Associated Builders  
and Contractors of Western

PA for Buttermilk Falls Access

Bridge & Stairs, Thomas R.

Harley Architects, LLC

2008 PA Business Central Top

100 People, Leaders in Business

2017 PA Business Central Top

100 People, Leaders in Business

2011-present Indiana Area

School District Appreciation

service on School Board

2014 Indiana County YMCA,

Ralph McCreary Award,

Volunteer Service, Unfiring

Dedication and Support



UpStreet Architects, Inc.

541 Philadelphia Street

Indiana, PA 15701

724-349-3601

[www.upstreetarchitects.com](http://www.upstreetarchitects.com)

**EXPERIENCE SUMMARY**

Tom is a founding partner in the firms of UpStreet Architects, Inc. and its predecessor firm Welsh + Harley • Architects, providing complete architectural planning, design and contract administration services since 1994. During his lengthy career beginning in 1984, Tom has designed many large and high-profile projects in the civic, community, manufacturing, commercial, religious, education and financial industries throughout Pennsylvania. He also has a special interest and expertise in the areas of adaptive reuse, historic preservation, and energy efficiency. Tom has focused on integrating community planning with housing and mixed use spaces to maximize shared efficiencies in areas of parking and traffic issues, energy conservation, and pedestrian experiences to improve the quality of downtowns.

**PROFESSIONAL EXPERIENCE**

**ARCHITECT / CORPORATE SECRETARY**

**UpStreet Architects, Inc.;** Indiana, PA • 1997-Present

Affordable high quality living units of housing along with commercial, institutional, and industrial projects have been provided across the Commonwealth of Pennsylvania.

- provides full architectural design services
- analyzes project development and feasibility analysis
- designs concept development and identification of requirements, impacts and risks to be addressed.

**PRINCIPAL**

**Thomas R. Harley, Architects, LLC.;** Indiana, PA • 1984 to Present

For 35 years providing custom architectural services for commercial, recreational and single family residential projects with diverse building types and scale, throughout Western PA.

**PROJECT EXPERIENCE with Thomas R. Harley Architects, LLC**

**Indiana Central Fire Station;** Indiana, PA

New Construction of a 16,200sf building with Equipment Floor, Association Room, Overnight Accommodations, Storage and Training Rooms for Volunteer Fire Association. Garage Space with Four High Bay Doors for Equipment protection and high visibility.

**Indiana Area School District Gymnasium;** Indiana, PA

35,000sf addition to existing high school, seating for 850, six-lane rifle range convertible to softball-baseball double cage, 4,500sf fitness center and 3,500sf theatrical scene shop. Radiant floor heat, improved insulation and energy efficiency.

**Buttermilk Falls Bridge and Access Stairs;** New Florence, PA

Sensitive environmental site protected with new wooden bridge and wooden stairs with platforms. Site specific design.

Resume

Gregory Watt, R.A.  
Senior Project Architect

**PROFESSIONAL  
REGISTRATION**  
Pennsylvania Registered  
Architect since 1989

**EDUCATION**  
The Pennsylvania State  
University  
courses completed

**SEMINARS AND  
CONTINUING EDUCATION**  
Since 1989 attended various  
topics related to architecture,  
construction methods and  
materials, planning and building  
codes.



UpStreet Architects, Inc.  
911 Menoher Boulevard  
Johnstown, PA 15905  
814-539-0224

[www.upstreetarchitects.com](http://www.upstreetarchitects.com)

Greg has been in the architectural field for over 40 years. He has a thorough understanding of construction details and the specification process. He is experienced in architectural, mechanical, and civil engineering contract document preparation for government, commercial, institutional, medical, and manufacturing projects. Greg's responsibilities within the firm include, but are not limited to, contract document preparation, building design, construction administration, specification writing and code research. In addition he has provided the full line of architectural services; preliminary design, contract document preparation, interior design, and project administration.

**PROFESSIONAL EXPERIENCE**  
**SENIOR PROJECT ARCHITECT**

**UpStreet Architects, Inc., Johnstown, PA 2017 - Present**

- full architectural design services for projects from concept through construction documents and contract administration.
- project administration including scheduling and organizing projects.
- works with engineering and design consultants to provide full integration of systems.
- interfaces with clients to meet their needs and budgets.
- research of codes and regulations to meet health, safety, welfare and accessibility requirements.
- prepares architectural specifications and reviews consultant specifications.
- reviews shop drawings and submittals for accuracy.

**PROJECT ARCHITECT**

**Frank Dachtile Architects, P.C., Johnstown, PA 1984 - 2016**

- provided full architectural design services for numerous projects.
- coordinated design concepts through to contract documents.
- provided specific expertise in construction detailing and specifications.
- Interfaced with consultants and integrated MEP systems.
- assured code and regulatory compliance in contract documents.
- provided contract administration services and evaluated contractors compliance with the documents.

**DRAFTSPERSON**

**Ross, Cramer, and Pawlowski, Johnstown, PA 1976 - 1984**

- construction contract document preparation.
- construction contract administration.

RESUME



Mark S. Funiak  
Senior Project Coordinator

**EDUCATION**

**MASTER OF SCIENCE IN  
ENGINEERING MANAGEMENT**  
Robert Morris University  
Pittsburgh, PA (2005)

**BACHELOR OF SCIENCE IN  
EDUCATION**  
Edinboro University, PA, 1979

**CERTIFICATIONS**

TS/SC Clearance active 2010-2013

**ADDITIONAL TRAINING**

- R.S. Means, How to develop Facility Assessment Programs & Facility Planning & Relocation, Manufacturing Plant Layout
- National Contract Management Association, Program and Contract Changes
- Dale Carnegie, Effective Speaking and Human Relations
- Fred Pryor Seminars, Manage Multiple Projects, Meet Deadlines, and Achieve Objectives

**REFERENCES**

Mr. David Williams  
Director of Physical Plant  
Saint Francis University  
111 Juniper Lane  
Loretto, PA 15940-0600  
814-472-3251  
dwilliams@francis.edu

Bryan Templin  
Vice President Property Management  
Zamas Services Inc.  
P.O. Box 5540  
Johnstown, PA 15904  
Direct: 814-532-8105  
btemplin@zamas.net



UpStreet Architects, Inc.  
911 Menoher Boulevard  
Johnstown, PA 15905

814-539-0224

[www.upstreetarchitects.com](http://www.upstreetarchitects.com)

Mark has extensive experience as a General Construction and Facility Manager for commercial and government projects nationwide. His background also includes technical engineering management experience specializing in commercial construction, Department of Defense (DoD) facilities management, and GSA contract management. Mark provides engineering and project management support throughout the firm. He has excellent project coordination skills and a focus on constructability.

**PROFESSIONAL EXPERIENCE****SENIOR PROJECT COORDINATOR**

**UpStreet Architects, Inc., Indiana, PA 2018-Present**

- manages projects from inception to design through construction.
- coordinates multi-disciplinary teams of consultants.
- interfaces and applies agency systems and procedures.
- evaluates facilities and user needs for adaptation and fit-out.
- provides Cost Estimates.

**CONSTRUCTION ENGINEERING AND DESIGN BUILD  
MANAGEMENT CONSULTING**

**General Contracting Solutions, Johnstown, PA 2008-Present**

- managed engineering and construction including implementing design, and engineering solutions for commercial and residential projects.
- assists with business development.

**CONSTRUCTION/PROPERTY MANAGER**

**Zamas Services Inc., Johnstown, PA 2013-2018**

- provided technical engineering and construction management.
- implemented design, and engineering solutions for commercial and retail properties.

**FACILITY ENGINEERING MANAGER FOR DEPARTMENT OF  
DEFENSE**

**BAE Systems, Newport News, VA 2010-2012**

- led/coordinated strategic construction engineering management.
- implemented facility planning, architectural and engineering design, construction management, and General Services Administration construction management for the Training Brain Operations Center.

**PROFESSIONAL SERVICES PRINCIPAL TECHNICAL MANAGER  
OF FACILITY OPERATIONS**

**Concurrent Technologies Corporation, Johnstown, PA 1993-2008**

- provided Executive leadership at 28 locations in the US and Canada.
- led facility resource company operations of building infrastructure, providing comprehensive engineering to sustain company growth and long range strategic planning.
- provided cross-functional management of managers & employees.
- directed operations of architectural design, engineering, construction management, and 24/7 service for Infrastructure in US.

Resume



## Thomas F. Deter, P.E., LEED AP

*Principal-in-Charge of MEP Systems Engineering*

Mr. Deter has over 30 years of experience and is responsible for the engineering design of all trades, the supervision of senior designers, the preparation of reports to determine optimal systems and/or equipment selections, and the coordination and checking of contract documents for completeness and quality. He has extensive experience in the design of building systems for both new buildings and building retrofits for educational, health care, commercial, government, industrial, residential, and utility related facilities. He is experienced in the design of power distribution systems; emergency power systems and monitoring; uninterruptible power supplies; lighting and emergency lighting systems; fire alarm systems; security; sound; and telephone systems.

### EDUCATION

Bachelor of Science, Electrical Engineering Technology, 1987, University of Pittsburgh at Johnstown

### EXPERIENCE

H.F. Lenz Company 1992-Present • Parfit/Ling Consulting Engineers 1990-1992 • Gary Johnston & Assoc., Inc. 1987-1990

### PROFESSIONAL REGISTRATION / CERTIFICATION

Licensed Professional Engineer in PA, AR, ID, IL, IN, MD, NE, NJ, NC, OH, OK, OR, SD, VA and WV • LEED Accredited Professional

### PROFESSIONAL AFFILIATIONS

NSPE/PSPE • U.S. Green Building Council

### PROFESSIONAL REFERENCES

Mr. James A. Coccagna  
Letterkenny Army Depot  
Department of the Army  
Chambersburg, PA 17201-4150  
PH: 717-267-5406  
Email:  
jccoccagn@emh1.lead.army.mil

Mr. Allen Lichvar  
Supervisory General Engineer  
U.S. Department of Energy  
National Energy Technology  
Laboratory  
Morgantown, WV 26507-0880  
30 4-285-4042  
allen.lichvar@netl.doe.gov

### PROJECT EXPERIENCE

#### Pennsylvania Army National Guard, Pittsburgh, Pennsylvania

- › Rehabilitation of New Castle Readiness Center
- › Rehabilitation of Crane Readiness Center

#### Letterkenny Army Depot, Chambersburg, Pennsylvania

- › Over 100 projects completed under seven consecutive term contracts
- › Rocket Army Munitions Center (LEMC), AP Rocket Motor Destruction Facility, Phase I
- › Building 1, New SCIF

#### U.S. Army Reserve Aviation Center, Weirton, West Virginia

- › Design/build training building with classrooms, assembly hall, arms vault, armorer, weaponer room, and Comsec training area, and a 6,300 sq.ft. OMS

#### U.S. Army Reserve Center, Wheeling, West Virginia

- › Design/build training building with classrooms, administrative areas, library, assembly hall, weaponer room and medical section, and 17,000 sq.ft. OMS/AMSA

#### 911th Airlift Wing, U.S. Air Force Reserve, Greater Pittsburgh International Airport, Coraopolis, Pennsylvania

- › Various renovations and new construction under two term contracts

#### NETL (National Energy Technology Laboratory) – Various Locations

- › Indefinite Delivery-Indefinite Quantity (IDIQ) contract for NETL facilities in Bruceton, PA, Morgantown, WV, and Albany, OR; Facilities include 81 buildings and 14 major research facilities on 200-acres

H.F. LENZ COMPANY

RESUME

# Your ACTIVE PE renewal fee has been received...

Your ACTIVE PE renewal fee has been received. Your pocket card indicating you are entitled to practice engineering in West Virginia until the noted expiration date may be detached and used unless invalidated as a result of Board audit of your renewal form or formal disciplinary action.

### IMPORTANT REMINDERS:

1. Please include your WV ACTIVE PE license number on any correspondence to this office.
2. To use this license as a pocket card, please cut along the dotted line and laminate if desired.
3. You are required to immediately notify the Board, in writing, of the following: loss or theft of license or seal, any name change, any address change, or any employment change.

### West Virginia State Board of Registration for Professional Engineers


300 Capitol Street, Suite 910  
Charleston, West Virginia 25301  
304-558-3554 Phone  
800-324-6170 Toll Free  
www.wvpebd.org

**THIS IS ONE FORM OF YOUR RENEWAL RECEIPT**

**PLEASE SAVE THIS FOR YOUR RECORDS**

Date of Renewal: December 19, 2018  
Amount Paid: \$70.00

West Virginia State Board of Registration  
for Professional Engineers



THOMAS F. DETER  
WV [REDACTED]

This is to certify that the above named PROFESSIONAL ENGINEER has met the requirements of the law, is duly registered and is entitled to practice engineering in the State of West Virginia.

EXPIRES: December 31, 2020

THOMAS F. DETER  
H. F. LENZ COMPANY  
1407 SCALP AVENUE  
JOHNSTOWN, PA 15904



## John C. Stewart, P.E., LEED AP

### Mechanical Engineer

Mr. Stewart has 34 years of experience in the design of HVAC, plumbing, and fire protection systems. His responsibilities have included code compliance verification, schematic layout, calculations, equipment selection, control system selection, specification writing, coordination, life cycle cost analyses, and cost estimating. His experience includes the design of mechanical systems for laboratories, hospitals, educational facilities, industrial plants, and military installations. He has also been involved in the design of chiller and boiler plants.

#### PROJECT EXPERIENCE

##### Pennsylvania Army National Guard, Pittsburgh, Pennsylvania

- › Rehabilitation of New Castle Readiness Center
- › Rehabilitation of Crane Readiness Center

##### Letterkenny Army Depot, Chambersburg, Pennsylvania

- › Over 100 projects completed under seven consecutive term contracts including Building 1, New SCIF

##### 911th Airlift Wing, U.S. Air Force Reserve, Greater Pittsburgh International Airport, Coraopolis, Pennsylvania

- › Various renovations and new construction under two term contracts

##### Walter Reed Army Medical Center

- › Renovation and upgrade to Building 12, Provost Marshal's Facility
- › Repair and upgrade of the main steam distribution system from the Garrison's Steam Plant, Building 15, to the Main Hospital building, Building 2

##### Pennsylvania National Guard, Johnstown, Pennsylvania

- › New Regional Maintenance Facility with 23,560 sq.ft. maintenance shop. The project included flammable storage, and an on-site fuel dispensing station

##### Ohio National Guard, Akron-Canton Regional Airport, Akron, Ohio

- › New 26,400 sq.ft. aircraft storage facility and partial demolition, expansion, and renovations to the existing hangar. The project included the design of a new fire suppression system

##### PennDOT, Harrisburg, Pennsylvania

- › State-wide term contract under which over 20 work orders have been issued for maintenance facilities, staging buildings and storage buildings

#### EDUCATION

Master of Science, Mechanical Engineering, 1995, University of Pittsburgh

Graduate Courses in Facilities Engineering, 1984-1987, Air Force Institute of Technology

Bachelor of Science, Mechanical Engineering, 1984, University of Pittsburgh

#### EXPERIENCE

H.F. Lenz Company 1995 – Present / Peter F. Loftus Division, Eichleay Engineers, Inc. 1989 – 1996 / Newport News Shipbuilding 1988 – 1989 / U.S. Air Force 1984 – 1988

#### PROFESSIONAL REGISTRATION / CERTIFICATION

Licensed Professional Engineer in Pennsylvania; LEED Accredited Professional

#### PROFESSIONAL AFFILIATIONS

American Society of Heating, Refrigerating, and Air-Conditioning Engineers; APPA; U.S. Green Buildings Council

#### PROFESSIONAL REFERENCES

Terry Pearsall, Jr. FMP  
Chief of Facilities,  
Pennsylvania Department of  
Transportation, Facilities Management  
Division, Harrisburg, PA 17105-3451  
PH: 717-787-0466  
Email: tpearsall@pa.gov

Marty Altschul, P.E.  
University Engineer  
Carnegie Mellon University  
PH: 412-268-2529  
Email: ma3q@cmu.edu

H.F. LENZ COMPANY

RESUME



## Brian D. Schmidt, P.E.

*Electrical Engineer*

Mr. Schmidt has extensive experience in the use of computer-aided drafting and design (CADD) and electrical system modeling and computer calculations (SKM Power Tools) for producing engineering drawings for various types of higher educational, commercial, institutional, and governmental facilities. His experience in the electrical field includes the design of generators, emergency lighting and power distribution systems; exterior high-voltage underground and overhead pole line distribution systems; building interior and exterior electrical power distribution systems; lightning protection systems; theatrical stage dimming systems; sound reinforcement systems; computer room grounding systems and signal reference grid systems; uninterruptible power supply systems; paralleling and synchronizing switchgear; interior and exterior building lighting systems; site utilities; grounding systems; and signal, communication, security, and fire alarm systems. Mr. Schmidt also has attended a 5 day SKM system analysis training course conducted by the SKM System Analysis Tech Support Group.

### EDUCATION

Bachelor of Science, Electrical Engineering Technology, 2006, University of Pittsburgh at Johnstown

### EXPERIENCE

H.F. Lenz Company 2006 – Present

### PROFESSIONAL REGISTRATION / CERTIFICATION

Licensed Professional Engineer in Pennsylvania • Completion of PTW Software and Power Systems Application Courses through IEEE • Completion of Battery Technology and Battery Monitoring through Liebert Corporation

### PROFESSIONAL REFERENCES

Michael Long  
ELECTN A, Physical Plant  
The Pennsylvania State University  
University Park Campus  
814-865-4731  
mal30@psu.edu

Lee Jensen, PE, CPE  
National Energy Technology  
Laboratory  
Site Operations Division 1450  
Queen Ave, SW  
Albany, OR 97321  
541-967-5901  
Lee.Jensen@netl.doe.gov

### PROJECT EXPERIENCE

Pennsylvania Army National Guard, Pittsburgh, Pennsylvania

- › Rehabilitation of New Castle Readiness Center
- › Rehabilitation of Crane Readiness Center

Letterkenny Army Depot – Chambersburg, Pennsylvania

- › Numerous projects under several consecutive term contracts for renovations, studies and new construction throughout the base. A few project examples include:
  - › Ammunition Storage Area, Electrical Distribution Upgrades to the original 1941 era system to 12.47 KV distribution voltage and replacement of deteriorated poles, conductors, and associated equipment
  - › Renovation of the south end of Building 397 for use as generator / compressor rebuild shop. The project included upgrading electric, fire sprinklers, lighting and all interior and exterior finishes
  - › Expansion of the existing building to the south and east to accommodate additional office space, larger work area and overhead doors to accommodate larger shipping containers
- › New rocket motor deconstruction facility with chemical treatment processing chamber, loading and unloading facilities, and a building that serves as a preparation building and control room for the operation – D/B project

The Pennsylvania State University – University Park, Pennsylvania

- › New 12.7 kV service and substations at seven buildings

H.F. LENZ COMPANY

RESUME



## Gregory D. Rummel, CPD

### Plumbing/Fire Protection Designer

Mr. Rummel has designed complete plumbing and fire protection systems for colleges, schools, office buildings, hospitals, prisons, laboratories, industrial facilities, and military installations. He is fully knowledgeable of NFPA codes and is experienced in the design of wet, dry, preaction, FM200, and deluge fire protection systems. He is responsible for plumbing and sprinkler system design, layout, and calculations; selection and sizing of equipment; cost estimates; and site survey work. Mr. Rummel supervises drafting personnel; coordinates the plumbing design with utility companies, with other trades, and with the Project Engineer and Project Architect; and is responsible for assembling complete and accurate plumbing bid documents which meet H.F. Lenz Company standards.

#### EDUCATION

Bachelor of Science, Mechanical Engineering Technology, 2000, Point Park College

Associate in Specialized Technology 1984, Architectural Drafting and Construction with CAD Technology, Triangle Institute of Technology

#### EXPERIENCE

H.F. Lenz Company 1989- Present •  
Newport News Shlp Building 1984-1989

#### PROFESSIONAL REGISTRATION / CERTIFICATION

Certified in Plumbing Design, ASPE

#### PROFESSIONAL REFERENCES

Terry Pearsall, Jr. FMP  
Chief of Facilities,  
Pennsylvania Department of  
Transportation, Facilities  
Management Division, Harrisburg,  
PA 17105-3451  
PH: 717-787-0466  
Email: tpearsall@pa.gov

David Dunn  
Senior Project Manager  
University of Pennsylvania  
PH: 215-898-8803  
Email: ddunn@upenn.edu

#### PROJECT EXPERIENCE

##### Pennsylvania Army National Guard, Pittsburgh, Pennsylvania

- › Rehabilitation of New Castle Readiness Center
- › Rehabilitation of Crane Readiness Center

##### Letterkenny Army Depot, Chambersburg, Pennsylvania

- › Over 100 projects completed under seven consecutive term contracts

##### U.S. Army Reserve Aviation Center, Weirton, West Virginia

- › Design/build training building with classrooms, assembly hall, arms vault, armorer, weaponeer room, and Comsec training area, and a 6,300 sq.ft. OMS

##### U.S. Army Reserve Center, Wheeling, West Virginia

- › Design/build training building with classrooms, administrative areas, library, assembly hall, weaponeer room and medical section, and 17,000 sq.ft. OMS/AMSA

##### 911th Airlift Wing, U.S. Air Force Reserve, Greater Pittsburgh International Airport, Coraopolis, Pennsylvania

- › Various renovations and new construction under two term contracts

##### Pennsylvania National Guard, Johnstown, Pennsylvania

- › New Regional Maintenance Facility with 23,560 sq.ft. maintenance shop. The project included flammable storage and an on-site fuel dispensing station

##### PennDOT, Harrisburg, Pennsylvania

- › State-wide term contract under which over 20 work orders have been issued for maintenance facilities, staging buildings and storage buildings

H.F. LENZ COMPANY

RESUME



## Keith A. Gindlesperger, P.E.

### Principal/Civil Engineer

Mr. Gindlesperger holds a bachelor's degree in Civil Engineering Technology with experience in site planning and design for numerous types of industrial, commercial, and government facilities. His responsibilities in these areas include site design, site utilities, parking and traffic circulation, roadway design, stormwater management, and erosion and sedimentation control. He also has experience working with local municipalities enforcing local planning and zoning codes. He has completed continuing education in stormwater management.

#### PROJECT EXPERIENCE

##### Letterkenny Army Depot, Chambersburg, Pennsylvania

- › Over 100 projects completed under seven consecutive term contracts
- › Civil Engineer for the design and permitting for long-term staging / storage sites for 1000 Mine Resistant Ambush Protected (MRAP) vehicles and associated parts and equipment

##### Walter Reed Army Medical Center, Washington, DC

- › Civil Engineer for the renovation and upgrade to Building 12, Provost Marshal's Facility. This building is a three-story historic structure consisting of 15,000 gsf of interior floor space. The project was completed under an IDC with the Baltimore Corps of Engineers

##### United Parcel Service, Master Paving & Concrete Rehabilitation Programs – Various Pennsylvania & West Virginia Locations

- › Evaluation of existing asphalt and concrete pavement at multiple UPS facilities throughout the Laurel Mountain District
- › Recommended a pavement management and rehabilitation program to repair/replace existing pavement or preserve the existing where possible

##### West Virginia University – Morgantown, West Virginia

- › Site design for the new Ag Sciences Building II; included site utilities, grading and drainage plan, stormwater management plan, erosion and sedimentation control plan, WV DEP Permitting, Morgantown Utility Board Approvals.

##### 911th Airlift Wing, U.S. Air Force Reserve, Greater Pittsburgh International Airport, Coraopolis, Pennsylvania

- › Various renovations and new construction under two term contracts

#### EDUCATION

Bachelor of Science, Civil Engineering Technology, 1998, University of Pittsburgh at Johnstown

#### EXPERIENCE

H.F. Lenz Company 1998 – Present

#### PROFESSIONAL REGISTRATION / CERTIFICATION

Licensed Professional Engineer in Pennsylvania, Maryland, Oregon, Virginia and West Virginia

#### PROFESSIONAL REFERENCES

Mr. James A. Coccagna  
Letterkenny Army Depot  
Department of the Army  
Chambersburg, PA 17201-4150  
PH: 717-267-5406  
Email:  
jcoccagn@emh1.lead.army.mil

Tim Kirsch  
Senior Director, Capital Projects  
& Safety  
Robert Morris University  
412-397-4328  
kirsch@rmu.edu



## David A. Blackner, P.E.

### *Principal/Structural Engineer*

Mr. Blackner is responsible for the complete layout, design and detailing of building structural systems. He has diverse experience in the structural analysis and design of projects involving steel, engineered masonry, reinforced cast-in-place concrete, pre-cast/pre-stressed concrete and wood frame structures.

Mr. Blackner is proficient in multiple analysis platforms (STAAD, RAM Structural Systems, 3-D Analysis and Finite Elements). He also oversees structural coordination with other trades, as well as conducting periodic site visits related to the structural work. Dave is also responsible for writing the structural technical specifications for projects. He received the Engineer of the Year Award 2005 by the local chapter PSPS.

#### EDUCATION

Associate, Mechanical Engineering Technology, 1988, Pennsylvania State University

Associate, Architectural Engineering Technology, 1988, Pennsylvania State University

#### EXPERIENCE

H.F. Lenz Company 1998-Present •  
L. Robert Kimball & Associates 1995-1998 •  
George D. Zamias Developer 1989-1995

#### PROFESSIONAL REGISTRATION / CERTIFICATION

Licensed Professional Engineer in Pennsylvania, Arizona, Colorado, Connecticut, Delaware, Georgia, Maine, Maryland, Massachusetts, New York, and North Carolina

#### PROFESSIONAL REFERENCES

Richard Slifka  
North American Hoganas  
111 Hoganas Way  
Hollsopple, PA 15935-6416  
Richard.slifka@nah.com  
814-479-3505

Tara Bosserman  
Cambria County Association of the Blind and Handicapped  
211 Central Avenue  
Johnstown, PA 15902-3270  
814-536-3531  
tbosserman@ccbph.com

#### PROJECT EXPERIENCE

##### Letterkenny Army Depot, Chambersburg, Pennsylvania

- › Numerous projects completed under seven consecutive term contracts for renovations throughout the facility

##### North American Hoganas, Inc. - Johnstown and Hollsopple, Pennsylvania

- › Office Building Addition – 8,300 sq.ft., two-story office and laboratory space
- › New Warehouse Building – 25,000 sq.ft. pre-engineered clearspan structure, drilled shaft (deep) foundation system
- › New Atomizing Control Room – Two-story masonry load bearing structure housing control room equipment and operating personnel

##### WDYK Radio - Cumberland, Maryland

- › New Radio Station – 6,400 sq.ft., two-story, structural steel frame building with precast concrete panel facade

##### Cambria County Association for the Blind and Handicapped Johnstown and Ebensburg, Pennsylvania

- › Building Addition – 17,000 sq.ft. pre-engineered building framing system on spread footings with "hair-pin" thrust ties
- › Office and Manufacturing Building Addition – Currently in design - approximately 50,000 sq.ft. structural steel framing on spread footings, housing manufacturing and office space
- › Building Addition – 27,000 sq.ft. manufacturing building addition of structural steel and shallow spread footings. Project also included approximately 30,000 sq.ft. of renovation
- › Office/Manufacturing Building Addition – 60,000 sq.ft., two-story, structural steel framing on spread footings, with 50,000 sq.ft. of renovations



**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**  
 (Complete one Section E for each key person.)

12. NAME <b>Lon Thompson, CCPA</b>		13. ROLE IN THIS CONTRACT <b>Planner Anti-terrorism/Force Protection</b>		14. YEARS EXPERIENCE TOTAL: <b>20</b> WITH CURRENT FIRM: <b>19</b>	
15. FIRM NAME AND LOCATION (City and State) <b>Standing Stone Consulting, Inc. Huntingdon, PA</b>					
16. EDUCATION (DEGREE AND SPECIALIZATION)			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>Certified Advanced CPTED Practitioner</b>		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <b>International Crime Prevention Through Environmental Design (CPTED) Association Society of American Military Engineers (SAME)</b>					

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	<b>Keller Army Community Hospital West Point, New York</b>	<b>2012</b>	<b>NA</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Standing Stone provided Keller Army Community Hospital (KACH), a Security Standards Evaluation as well as a futures security projection analysis to enable KACH to become a standalone secure facility in compliance with Department of Defense (DOD), Department of the Army (DA), Medical Command (MEDCOM), and Joint Commission Standards.		
b.	<b>US Army Fort Drum Fort Drum, New York</b>	<b>2008</b>	<b>Undetermined to Date</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Standing Stone participated in the design development and a planning charrette to construct an underpass, redesign two access control points (ACP) and design a perimeter fence to provide a connection from the expanding Airfield Cantonment Area to the Main Cantonment Area. This task included the rebuilding / expansion of seven roads and a tank trail. In addition, intersections were reconfigured and signaling devices were designed into the new scheme.		
c.	<b>Fort Indiantown Gap Battle Command Training Center Fort Indiantown Gap, PA</b>	<b>2005</b>	<b>N/A</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provide Anti-terrorism-Force Protection planning services for the Area 6 Battalion Training Complex being newly constructed at Fort Indiantown Gap. The work included working with the Army and designers to ensure that DoD anti-terrorism and force protection requirements were met or exceed in the design and construction of this new training facility.		
d.	<b>US Marine Base Quantico MCAF Access Control Point D&amp;D Quantico, Virginia</b>	<b>2008</b>	<b>N/A</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The team developed concept alternatives for the location of the primary access control point and future Gatehouse whose primary function will serve as both a Badging/Visitor Center as well as an Inspection Station. The designs were presented with accompanying pros and cons as they related to safety, security, AT/FP and emergency response capabilities. Additionally, the work included: improving the Level of Service on roads; improving gates, support facilities, and road improvements; realignment of the base entry road and inclusion of two inbound lanes for faster vehicle processing; site investigation survey to include demolition of MCAF hangars, pavements, utilities, lighting, site improvements, and landscaping and space requirements such as those necessary for the concept design space plans and elevations.		
e.	<b>US Naval Academy Annapolis, Maryland</b>	<b>2008</b>	<b>Undetermined to Date</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provided anti-terrorism and force-protection analyses and mitigation planning for vulnerabilities to the Lower Yard and Bancroft Hall. Planning included mitigating vulnerabilities and controlling access to the Naval Academy, the Lower Yard and Bancroft Hall, with ever increasing layers of security.		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT  
(Complete one Section E for each key person.)



12. NAME <b>Karl Mercer</b>	13. ROLE IN THIS CONTRACT <b>Anti-terrorism/Force Protection</b>	14. YEARS EXPERIENCE	
		TOTAL 28	WITH CURRENT FIRM 12

15. FIRM NAME AND LOCATION (City and State)  
**Standing Stone Consulting, Inc. Huntingdon, PA**

16. EDUCATION (DEGREE AND SPECIALIZATION)  
**BS/ Sociology**

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
**Explosives Ordinance Disposal Technician; Fire Investigator, Firearms and Armed Tactics Instructor Explosives Investigator and Weapons of Mass Destruction Emergency Team Expert and Instructor**

19. RELEVANT PROJECTS

a. (1) TITLE AND LOCATION (City and State) <b>US Coast Guard Headquarters, Saint Elizabeth's Campus Washington, DC</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2005</b>	CONSTRUCTION (If Applicable) <b>Estimate \$1 billion plus</b>

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  
 Check if project performed with current firm  
**Provide anti-terrorism and force protection consulting to the GSA, the US Coast Guard and the design team for the development of the Saint Elizabeth's west campus into a Federal office complex. This project envisions approximately 3 million square feet of space housing various federal functions, including highly secure facilities.**

b. (1) TITLE AND LOCATION (City and State) <b>US Army Fort Drum Fort Drum, New York</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2008</b>	CONSTRUCTION (If Applicable) <b>N/A</b>

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  
 Check if project performed with current firm  
**Standing Stone participated in a planning charrette to construct an underpass, redesign two access control points (ACP) and design a perimeter fence to provide a connection from the expanding Airfield Cantonment Area to the Main Cantonment Area. This task included the rebuilding / expansion of seven roads and a tank trail. In addition, intersections were reconfigured and signaling devices were designed into the new scheme.**

c. (1) TITLE AND LOCATION (City and State) <b>Fort Leavenworth Medium Security Prison Fort Leavenworth, Kansas</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2006</b>	CONSTRUCTION (If Applicable) <b>N/A</b>

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  
 Check if project performed with current firm  
**Participated in the design and Charette for the Regional Correctional Facility at Fort Leavenworth. The team was responsible for providing consultation for the Anti-Terrorism and Force Protection (AT / FP) aspects of facility.**

d. (1) TITLE AND LOCATION (City and State) <b>Hawthorne Army Depot Hawthorne, Nevada</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2008</b>	CONSTRUCTION (If Applicable) <b>N/A</b>

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  
 Check if project performed with current firm  
**Provided an overall comprehensive conceptual plan for anti-terrorism force protection (AT/FP) and Explosive Safety Quantity Distance (ESQD) GIS coverage in support of the Real Property Master Plan and Hawthorne Army Depot contracted personnel. The information gathered was used to populate a GIS database with 'rules' for protection against blast and other threats in relation to buildings, roadways and parking. When 'violations' of the rules occurs, the program alerts to those violations and visually represents the area in the GIS mapping program.**

e. (1) TITLE AND LOCATION (City and State) <b>US Marine Base Quantico MCAF Access Control Point D&amp;D Quantico, Virginia</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2008</b>	CONSTRUCTION (If Applicable)

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  
 Check if project performed with current firm  
**The team developed concept alternatives for the location of the primary access control point and future Gatehouse whose primary function will serve as both a Badging/Visitor Center as well as an Inspection Station. The designs were presented with accompanying pros and cons as they related to safety, security, AT/FP and emergency response capabilities. Additionally, the work included: improving the Level of Service on roads; improving gates, support facilities, and road improvements; realignment of the base entry road and inclusion of two inbound lanes for faster vehicle processing; site investigation survey to include demolition of MCAF hangars, pavements, utilities, lighting, site improvements, and landscaping and space requirements such as those necessary for the concept design space plans and elevations.**

## *Jake Ortego, PE, CCE, CCP, CCA*

President/Shareholder

### Summary

Jake Ortego is the co-founder and President of JA Cost Engineers and Advisors. He is a licensed mechanical engineer with over 24 years of experience in all phases of the design-construction process and extensive involvement in the project controls, project management and engineering management of industrial and commercial projects.

### Experience

Prior to forming JACEA, Mr. Ortego led construction and engineering consulting efforts as the Vice President and leader of the Construction Consulting practice for Commercial Cost Control, Inc., and lead consultant for the North Central Construction Advisory Group for Deloitte and Touche. Also, Mr. Ortego spent more than seven years in consulting engineering with Eichleay Engineers and SNC-Lavalin in Pittsburgh, PA. During this time, he spent 2 years managing an engineering office in Manila, the Philippines that focused on new construction and facility upgrades for commercial and institutional work. Mr. Ortego has significant experience in project controls, including schedule management, cost engineering, progress audits and bid evaluations. He has prepared and published numerous white papers and presentations on construction auditing and controlling construction costs.

Mr. Ortego has conducted management and financial controls assessments of significant capital projects with a goal of improving performance and mitigating strategic and operational risks. Additionally, he has developed and implemented financial and project controls, as well as policies and procedures for the design-procurement-construction process. Mr. Ortego has performed construction audits and consulting on projects across many sectors including city governments, K-12, higher education, commercial, financial, healthcare, biomedical, chemical and heavy industry. Several of Mr. Ortego's engagements have supported the clients' internal audit group, including an international financial institution and a major metropolitan hospital. He has performed project controls and project management for projects between \$50MM to \$1.2B. His project management abilities include proposal/estimate management, field engineering, start-up engineering, contract/vendor negotiations and engineering management.

### Education and Credentials

B.S. in Mechanical Engineering, Boston University

Registered Professional Engineer (PE062068), Commonwealth of Pennsylvania

Certified Construction Auditor (CCA) – National Association of Construction Auditors (NACA)

Certified Construction Control Professional (CCP) - National Association of Construction Auditors (NACA)

Certified Cost Engineer (CCE) - Association for the Advancement of Cost Engineering (AACE)



## *Antonio Fratangelo, CCC, CCA*

Vice President/Shareholder

### Profile

Antonio Fratangelo is the co-founder and Vice President of JA Cost Engineers and Advisors. He has a degree in Industrial Economics with a concentration in Civil Engineering. He has 18 years of experience in the construction industry including project management within a specialized construction industry, as well as involvement in construction auditing, cost segregation, and risk assessments on a variety of construction projects.

### Experience

Prior to forming JACEA, Mr. Fratangelo was a primary Construction Consultant and Cost Segregation Services Director for Commercial Cost Control, Inc., and he spent 2 years with Deloitte & Touche performing both Construction Advisory Services, as well as working on Cost Segregation Projects. During this time, he provided cost segregation expertise, construction auditing, construction risk assessments and project management oversight for several industries and clients. Antonio's experience includes analyses of real estate purchases and construction projects ranging from \$1 million to \$1 billion on various types of facilities including: offices, medical complexes, light manufacturing, retail, research & development centers, corporate campuses, bank branches, apartments, cold storage facilities, warehousing and shipping, and restaurants. His construction consulting expertise has crossed both the public and private sector, including work performed internationally.

Prior to working for Deloitte, Mr. Fratangelo spent nearly 4 years working as a project manager for Nicholson Construction Company in Pittsburgh, PA. He spent extensive time in the field working on the Foundation Support at the Ground Zero Disaster Site in New York City.

### Education and Credentials

B.S. Industrial Economics, concentration Civil Engineering, Union College

Certified Construction Auditor (CCA) – National Association of Construction Auditors (NACA)

Certified Cost Engineer (CCE) - Association for the Advancement of Cost Engineering (AACE)

### Affiliations

Association for the Advancement of Cost Engineering (AACEI)

Board Member – Pittsburgh Chapter

National Association of Construction Auditors (NACA)

Association of School Business Officials (PASBO)



## *Dan Lloyd, EIT*

Senior Lead Estimator

### Summary

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Dan Lloyd is the Senior Lead Estimator for JA Cost Engineers and Advisors. He has Mechanical Engineering degree from Cal Poly, San Luis Obispo, California. He has over 35 years of experience in all phases of construction, including Design Build and Bid Build, this includes all types of project controls for construction, change orders, tenant improvement, remediation, and engineering services. Estimating, data integrity, scheduling, cost controls, and project management are the activities making up his project controls assignments. The projects have been industrial, commercial, nuclear, highways, rail, infra-structures, institutional, government, refineries, subways, and communications. The disciplines include mechanical, electrical, civil, structural, and architectural. Other assignments included HVAC design engineer, factory engineer, industrial hygienist, HVAC equipment manufacturers' representative, and owner's representative.

### Experience

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Mr. Lloyd had assignments with Bechtel on the Los Angeles Subway Communications & Rail Controls that included change order estimator (hundreds of change orders), scheduling, data integrity for communications, Assistant Project Manager and Closeout. Other Bechtel assignments included a one-year assignment with Disney to estimate (using francs and metric) the Paris, France Park construction of amusements, a two year assignment with Chevron refineries, a one year assignment on a 54 inch water pipeline, and a short assignment as Lead Scheduler of the East Side Access Rail Tunnel into Manhattan, now at a cost of \$11B. He has significant experience in project controls, including schedule management, cost engineering, progress audits and bid evaluations. The Fluor assignments included major refineries in Saudi Arabia from the office in California and a three-year team assignment collecting all completed project piping data for company-wide future estimating. Holmes and Narver (now part of AECOM) estimating projects included radar system in Anchitka, Alaska, US embassies in foreign countries, numerous NAVFAC facilities for the Navy.

Mr. Lloyd has conducted project controls assessments with a goal of improving performance and mitigating errors in the overall estimating tasks. Long term 10-year planning of facility projects were made easier in spreadsheets for scheduling the capital project tasks, tracking their progress, and using preliminary and final estimates for accountability. Mr. Lloyd has performed construction audits and estimating oversights on many projects across many sectors. He has used many software packages for estimating, scheduling, and cost control. His responsibilities have included complete results oriented project controls.

### Education and Credentials

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B.S. Mechanical Engineering (Environmental Engineering emphasis), Cal Poly, San Luis Obispo

Registered Engineer in Training (EIT), California

Certified Construction Auditor (CCA) – National Association of Construction Auditors (NACA)

## *Daniel Frondorf, CPE, CDT*

Lead Estimator

President – DGFrondorf (A Partner Firm of JACEA)

### Summary

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Daniel Frondorf has over 20 years of relevant construction estimating experience. Mr. Frondorf's role as Lead Estimator has provided valuable budget and cost estimating expertise to a wide range of projects including water and waste water. He provides hands on project leadership through all aspects of cost estimating services. Daniel's extensive experience as a Certified Professional Estimator are a vital part to JACEA's cost estimating team.

### Experience

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Daniel has specialized in civil-sitework, earthwork and grading analysis, scope review, and bid preparation for contractors, pre-construction estimating and budgeting for construction managers, owners, and design firms. Mr. Frondorf is a continuous educator of cost estimating, including as an Adjunct Professor at the University of Cincinnati instructing in the College of Engineering and Applied Sciences, the Construction Estimating Institute and Half Moon Seminars. His knowledge and skills as a Certified Professional Estimator have made him an asset to many organizations in establishing realistic and accurate construction costs. Daniel has been an integral part of estimating construction costs on projects ranging from \$1M to over \$500MM. Mr. Frondorf has experience in a variety of project types, including water and waste water construction.

He served as one of the founding members of the Consulting Estimators Round Table (CERT) established in 2011 and has remained a board member of this organization. He is also the former President and current Vice President for the American Society of Professional Estimators (ASPE).

### Education and Credentials

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Cincinnati Technical College, Associates Degree in Applied Science, Civil Engineering Technology, August 1990

Construction Estimating Institute, Sarasota, Florida

University of Wisconsin, Civil Engineering and Urban Planning

Norther Kentucky University, Construction Management.

Certified Professional Estimator (CPE)

Construction Document Technician (CDT)

Author of several estimating related articles published in Estimating Today and Design Cost Data magazines; publication dates 2010 - 2016



**C. RELEVANT PROJECTS**



## RELEVANT PROJECTS

The projects included were chosen because they demonstrate a wide variety of experience and ability to provide the required design services and address the priorities of the facility, as well as the capability and experience of UpStreet Architects to manage projects requiring multi-disciplined teams of professionals.

### UpStreet Architects, Inc.:

- a. **Letterkenny Army Depot:** Selected for Project Management experience and coordination of 10 specialized consultants to meet the needs of the facility. Building upgrades are similar to those proposed at the Hiller Readiness Center including locker rooms, offices, high bay areas, roofing, energy efficiency, selective demolition, force protection and secure facilities.
- b. **Indiana Area High School Gymnasium:** Selected for masonry in combination with steel building in new construction. Upgrades included 35,000 sf addition, full size high school gymnasium with seating for 850, rifle range, softball/baseball cages, fitness center and storage. Energy Efficient design with under floor radiation and ventilation handled by heat recovery units.
- c. **Indiana Fire Association – Central Station:** Project selected for a project example of new construction of masonry building with assembly space, restroom and shower facilities, and overnight accommodations.
- d. **Indiana Fire Association – West Station:** Selected for new construction of masonry building with assembly space with technology, offices and repelling wall.
- e. **Cambria County Association for the Blind & Handicapped, Addition and Renovation:** Selected for a project example of building addition and substantial renovations indicating familiarity with interior and exterior upgrades, accessibility concerns, integration of MEP systems, interior reconfigurations, and code compliance.
- f. **One Commonwealth Place:** Project selected for intricate masonry design in new construction and updated façade. Construction included MEP integration, offices, lobby, and restroom facilities.
- g. **Towanda Parking Garage:** New construction of masonry in combination with steel structure with security lighting, elevator and stair access on a tight site with difficult grades.

### H. F. Lenz Company:

- h. **DOD Facilities Experience:** Experience with Camp Dawson and other DOD buildings include MEP/FP engineering services for new construction and rehabilitation projects.
- i. **Letterkenny Army Depot Experience:** Experience selected showing a range of projects for this government agency. Many of projects are in cooperation with the predecessor firm to UpStreet Architects.

### Standing Stone Consulting:

- j. **Fort Indiantown Gap, Area Six Battalion Training Complex:** Selected for knowledge of force protection and anti-terrorism requirements an application to planning strategies and analysis.
- k. **Fort Drum, Hangar Addition, Maneuver Enhancement Brigade and North Post Study:** Integration of force protection and anti-terrorism strategies into the architectural and MEP design

### JA Cost Engineers and Advisors, Inc.:

- a. **Additional Relevant Experience:** Selected for knowledge of high security requirements, budget, and scheduling related to Homeland Security and other sensitive projects.

### Summary

The projects selected demonstrate an overview of our experience in the services and key design issues anticipated, including project management, design, renovations, MEP system integration and force protection improvements.



**Letterkenny Army Depot (LEAD): Chambersburg, PA Building 320 Upgrades, etc.**

Project Owner: USACE, Letterkenny Army Depot

Point of Contact: Kelly Barnes, Chief, Engineering &amp; Planning Division, 717-267-9554, kelly.r.barnes.civ@mail.mil

UpStreet Architects has a 5 year open ended agreement with Letterkenny Army Depot and coordinates a multi-disciplined team of 10 firms providing planning, architectural, environmental, engineering and force protection consultants. The current project consists of improvements to Building 320, a vehicle painting facility with associated offices and break rooms. The investment is anticipated to be the single opportunity to upgrade this 68,500 sf facility for the next 20 years. Work includes:

- Evaluation and documentation of existing conditions
- Assistance with scope development
- Locker room and restroom improvements
- Office reorganization and adding new hard walls in reconfigured office space
- Hazardous material abatement
- Upgrades to Breakroom casework and finishes
- Interior finish updates
- Painting of high bay areas and safety zones
- Replacement of overhead doors
- Flat roof replacement and fall protection
- MEP System upgrades including electrical and mechanical systems
- Cost Estimating
- Professional Services conducted between 2018-2019; Construction to begin in 2020

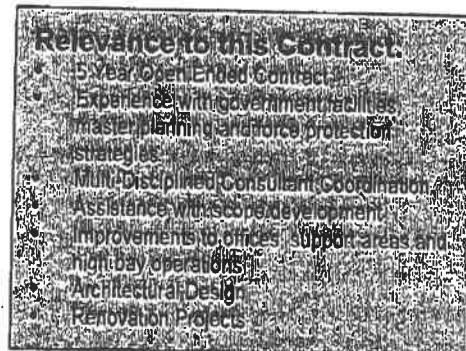
Other current work at LEAD include modifications to Building 397:

- Replacement of metal wall and roof panels
- New Toilet Room construction
- Concrete Floor overlay and raising of overhead doors

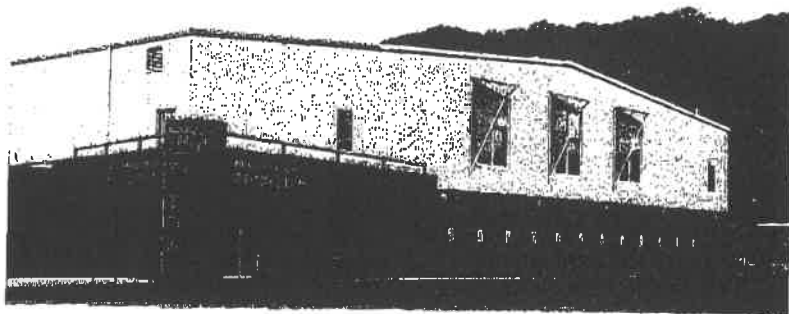
Future work at LEAD includes master planning and analysis of Stand Alone Facilities located outside the security perimeter and development of a plan to relocate select operations inside the perimeter and/or initiate force protection strategies for those facilities which will remain. Other projects are yet to be discussed. The Open Ended agreement ends in October 2023.

Other projects on the Base which have been previously completed as the architectural consultant to HF Lenz Company:

- Bldg 1 – Restroom modifications, Secure space, Finishes.
- Bldg S397 – Toilet Room and Office renovations, Enclosure upgrades, Roof replacement.
- Bldg 3 – Reception and Training Room space reconfiguration: Relevancy: occupied while performing work, office space reconfiguration, high bay space, Break Room Improvements, Restroom renovations.
- Bldg 10 – Commander's Bldg Façade upgrade: Renovations to entrance of the commanders building, reception, conference and office renovation.
- Bldg 12 – Toilet room and office revisions.
- Recreation Area Activity Center – renovate and expand existing recreation area facility.
- Bldg S234 – Post Cafeteria renovation and expansion.
- Bldg S330 – Enclosure, renovations and upgrades for work space or storage options.
- Bldg S331 – Enclosure, renovations and upgrades for work space or storage options.
- Bldg 349 – Roof Replacement.
- Bldg 350 – Office Additions to second story, Locker Room upgrades, Window replacements.



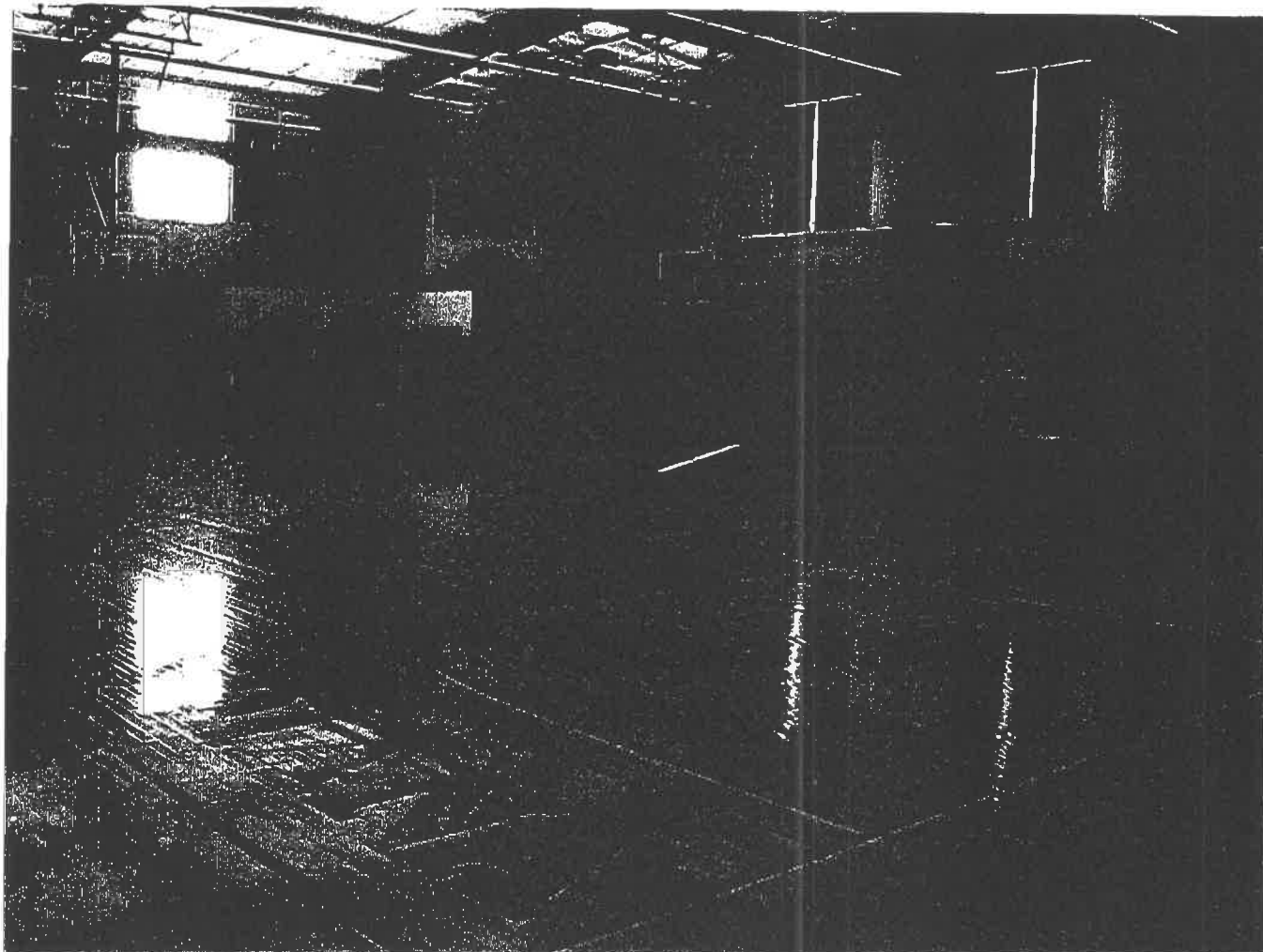
# Indiana Area School District Gymnasium: Indiana, PA



### Relevance to this Contract:

- Ball Courts to Regulation Standards
- Architectural Design for Client Intent
- Phasing Options for Project
- Continuous Operation thru Construction
- Accommodations of Educational Facility
- Restrooms and Locker Rooms
- New Construction

This 35,000SF addition to an existing high school contains a full size high school gymnasium with seating for 850, a six-lane tile range convertible to a softball/baseball double cage, a 4,500SF fitness center, and 2,500SF theatrical scene shop with costume storage. The addition is heated by way of under floor radiation and the ventilation is handled by a heat recovery system providing fresh air as determined by an CO<sub>2</sub> sensor system ramping up and down as required. Due to insulation improvements throughout the existing building, the existing boilers were utilized to heat the entire addition. The project expanded the storage space areas, expanded the program and came in at 70% of the original all masonry budget. Architect: Thomas R. Harley Architects, LLC  
 Point of Contact: Greg Trout, 724-640-6222, gtrout@asdc.com  
 Construction Costs: \$4.3M, Completed 2008



# Indiana Fire Association - Central Station: Indiana, PA

Completed 2017, Indiana, PA

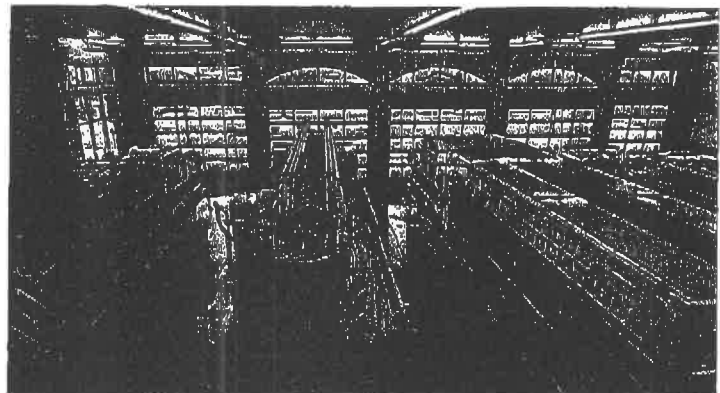
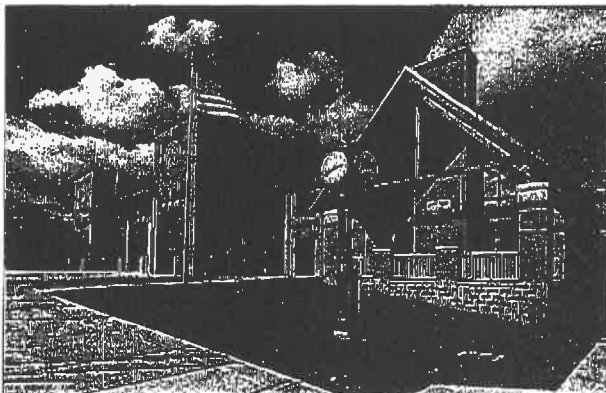
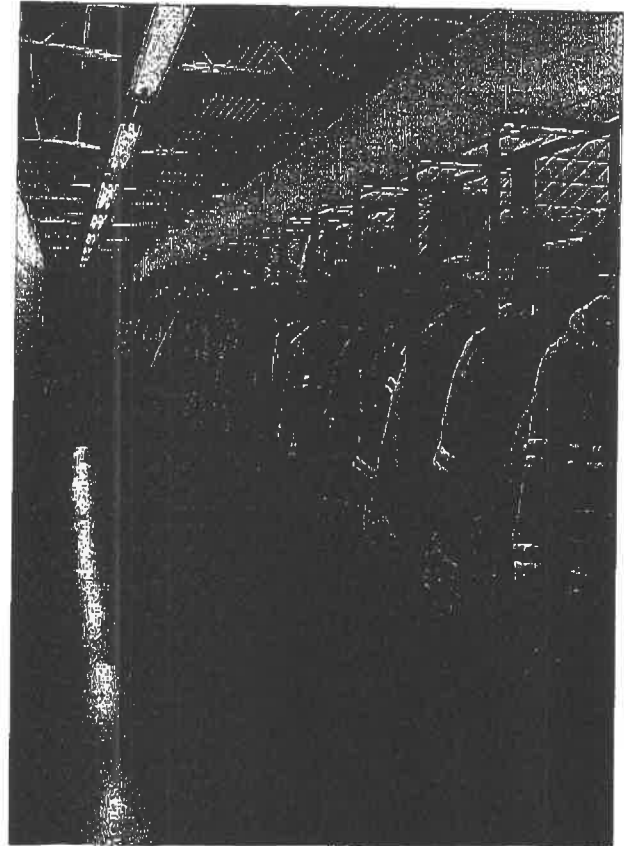
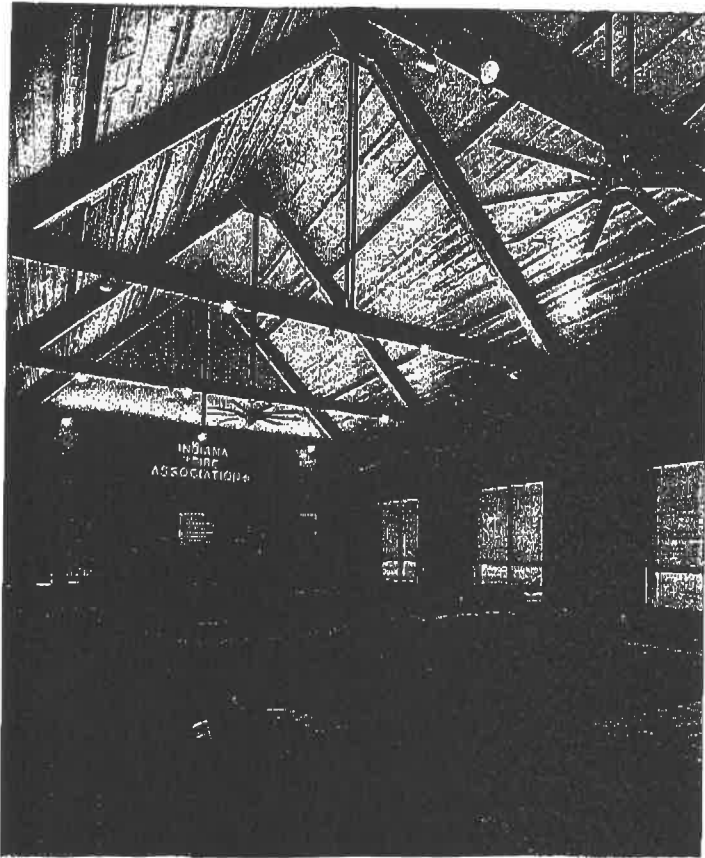
Owner: Indiana Fire Association

Point of Contact: William Simmons, President Indiana Fire Association, 724-422-1463, wbsimmons3@comcast.net

This 18,200 SF building contains an Equipment/Floor Association Room, Overnight Accommodations, Storage and Training Rooms for the Volunteer Fire Association. The Station occupies a prominent corner in downtown Indiana, expressing the Fireman's central role in protecting their neighbors. Architect: Thomas R. Harey Architects, LLC, predecessor firm to UpStreet Architects.  
*Construction Cost: \$2.0M*

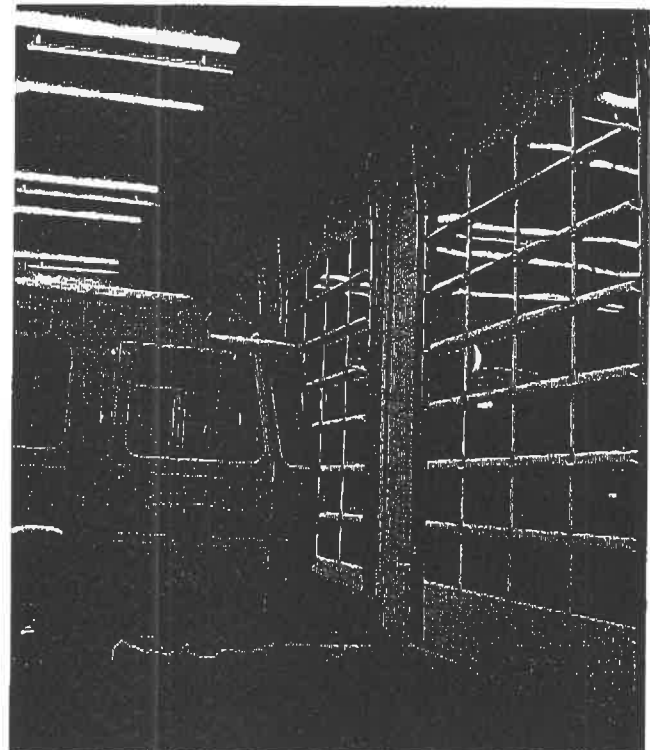
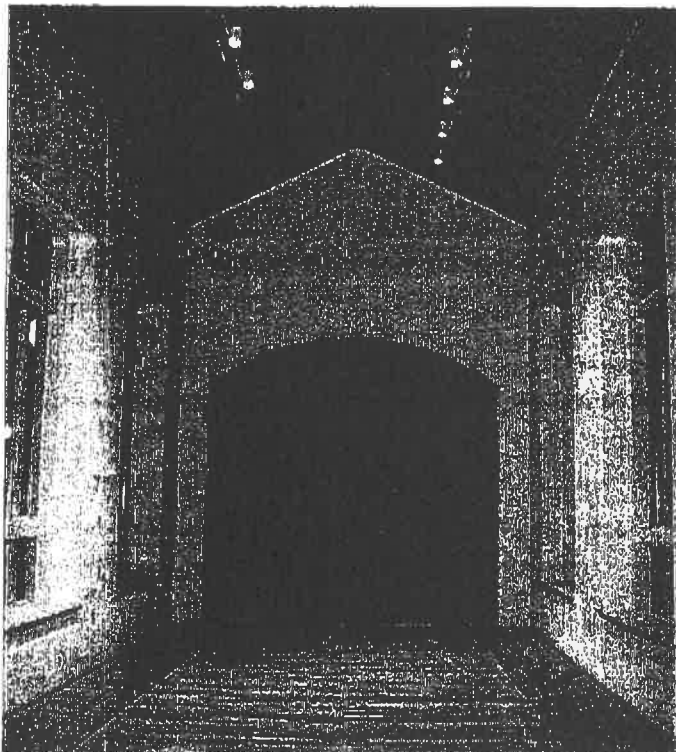
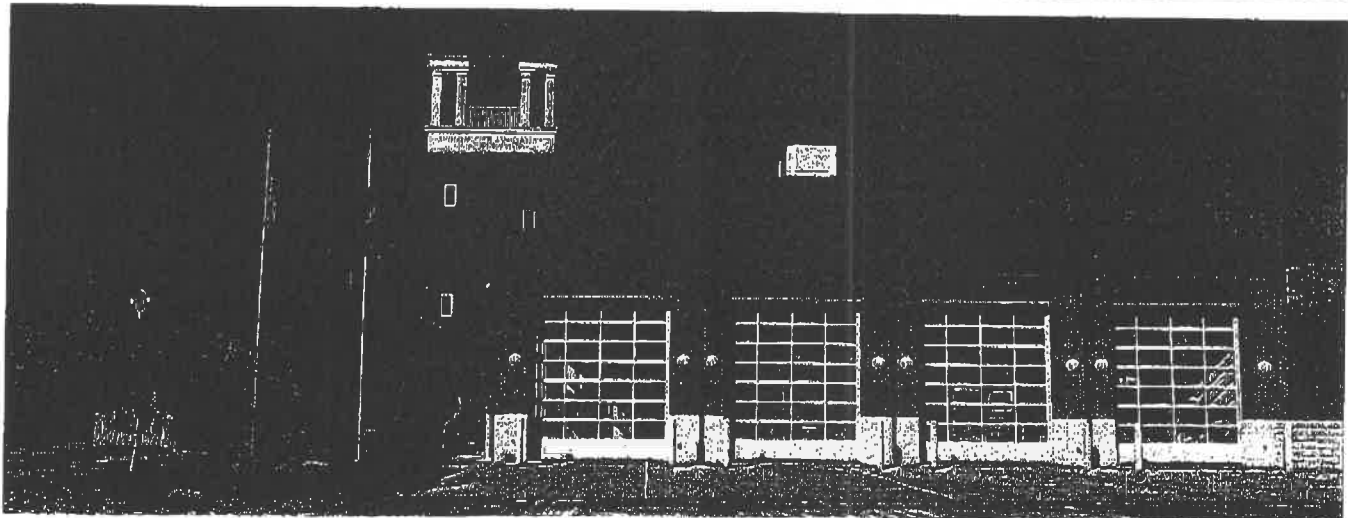
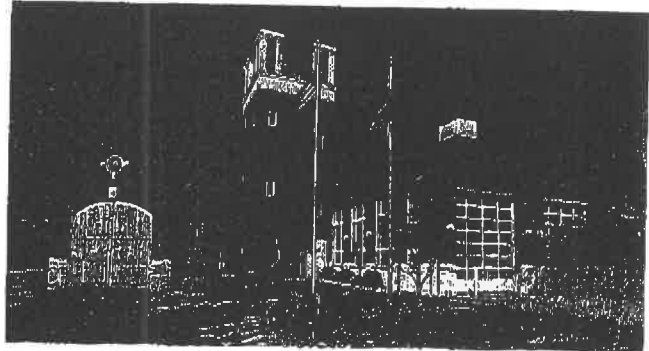
### Relevance to this Contract:

- New Design & Construction of Facility
- Vehicle Maintenance Area
- Locally Sourced Heavy Timber Construction
- Restrooms and Equipment Area



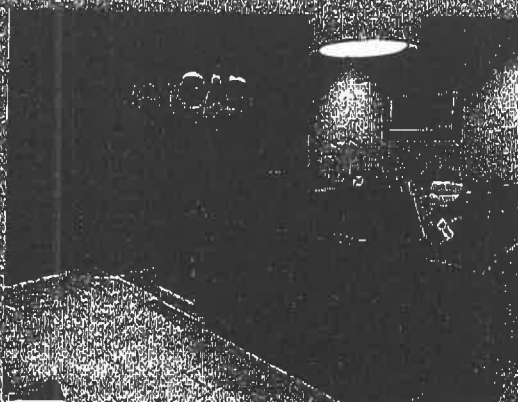
### Indiana Fire Association - West: Indiana, PA

The structure was designed to house the modern firefighting equipment of the department and be reminiscent of traditional firehouse design. The carriage bay contains an antique firefighting wagon and memorabilia. A large training room with modern AV equipment is available to the community. The truck apron and floor slab have radiant heat. The tall tower is used for ladder and rappelling practice for the fire fighters. Architect: Thomas R. Haney Architects, LLC predecessor firm to UpStreet Architects.



# Cambria County Association for the Blind and Handicapped: Johnstown, PA

When a diversification of the manufacturing process for the Cambria County Association for the Blind and Handicapped (CCABH) occurred, an addition and renovation of their facilities was required. Their mission is to foster their employees and manufacture high quality products. Our office along with the lead consultant worked with CCABH's staff and employees to provide a comprehensive approach to improve workflow/production, enhance employee support spaces and reduce energy costs. The existing 50,000 sq ft and the 50,000 sq ft 2-story addition were configured to accommodate current and future needs of the organization in all areas including site and parking design, exterior to utility the buildings, and interiors with special attention to the specific employee needs including color selection, craftsmanship and installation methods. Implementation of the accessibility to the building was approached as integrated universal accessibility. The mission of CCABH includes assisting handicapped persons to learn to function in real world environments. The construction phasing was developed to minimize manufacturing disruption and maintain employee safety.

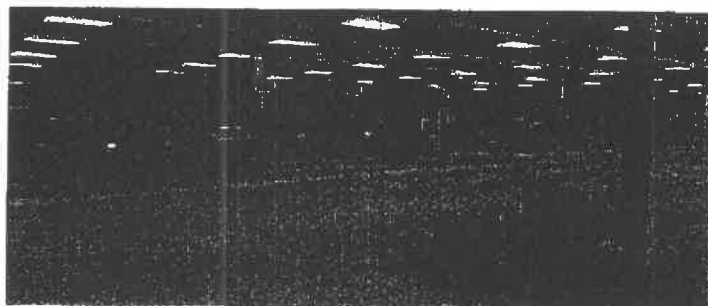
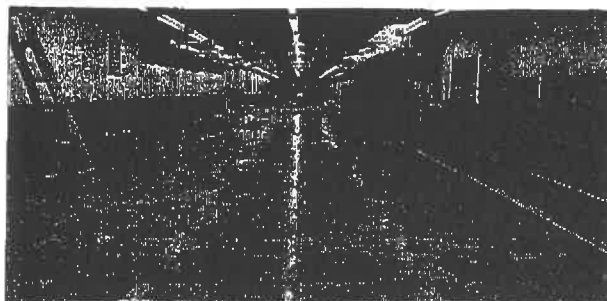
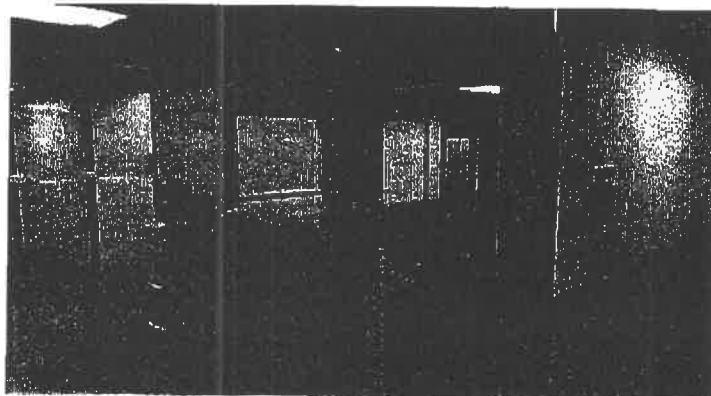
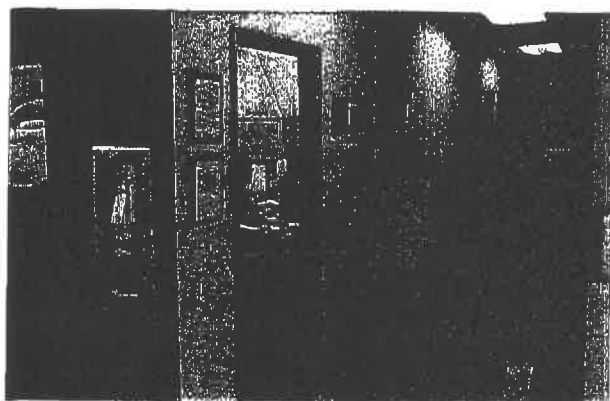
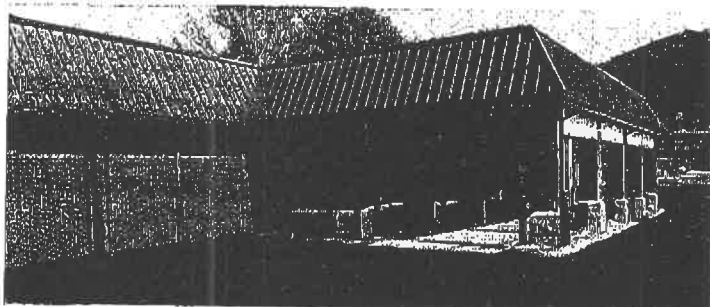


Construction Cost: \$18M

Point of Contact: Sara Bosselman | 814-936-3531 | sbosselman@ccabh.com

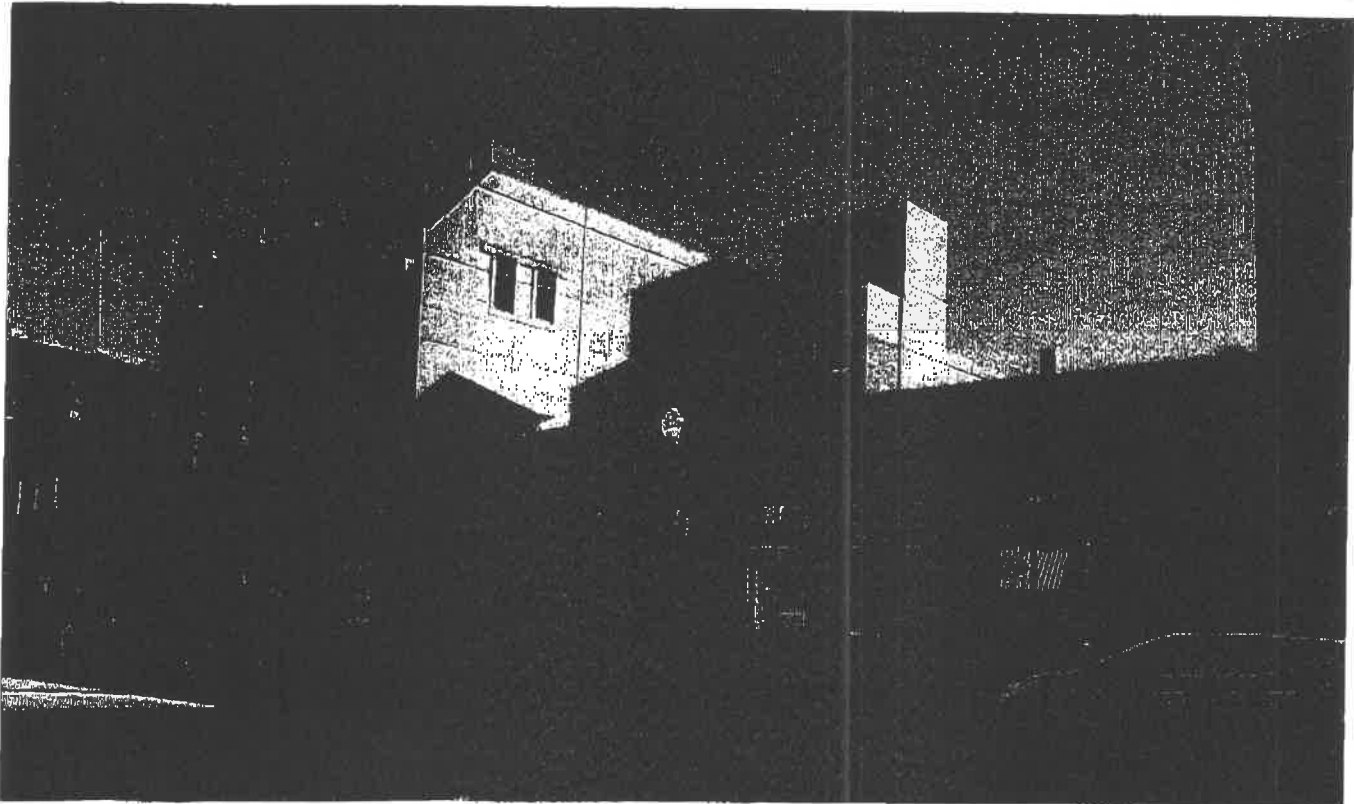
Before

After

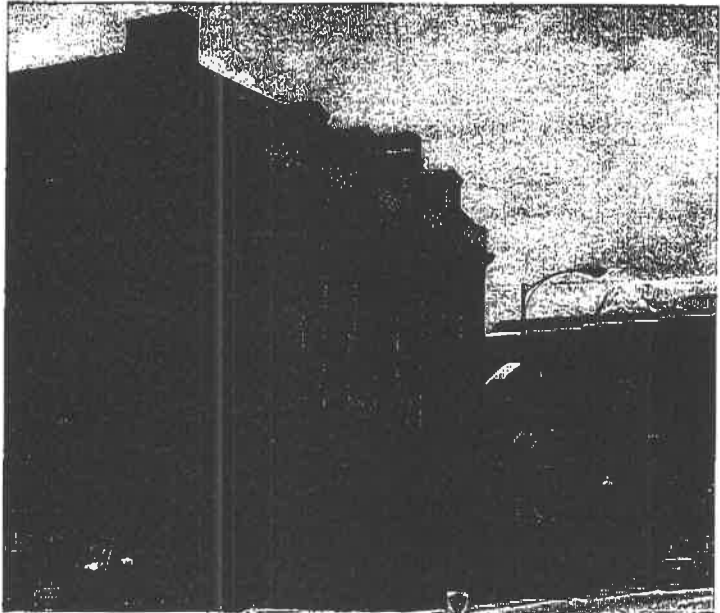


### One Commonwealth Place: Indiana, PA

*One Commonwealth Place was originally a 60 year old and Treatment Department. These buildings were retrofitted into First Down with a bank as training center, financial planning and office support spaces. The entire first floor facade was commercial storefront. This was replaced with masonry blocks to reinforce the structural integrity. The bank bank was replaced to provide Architect: Thomas R. Hanley Architects, LLC*



- Relevance to this Contract:**
- Architectural Design for Client Intent
  - Update Training Facilities
  - Security Access Control
  - Reception Area
  - Restrooms and Lounge Area
  - New Exterior Facade
  - Private Offices - Open Floor Plan Offices

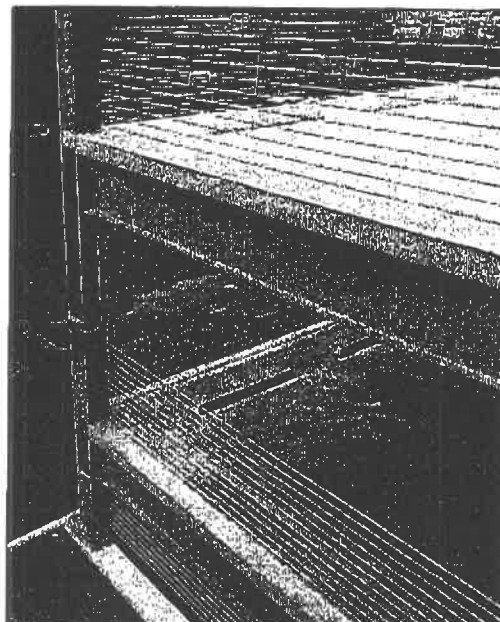
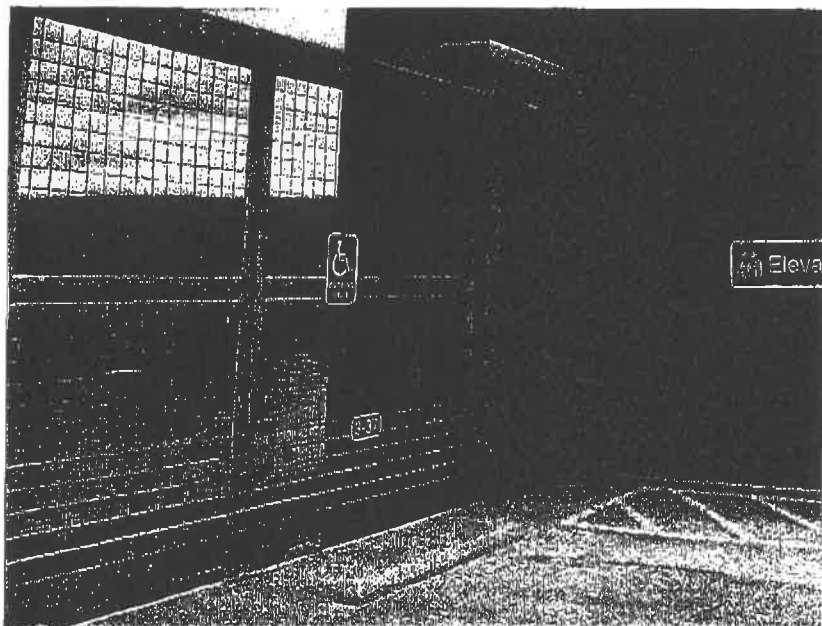
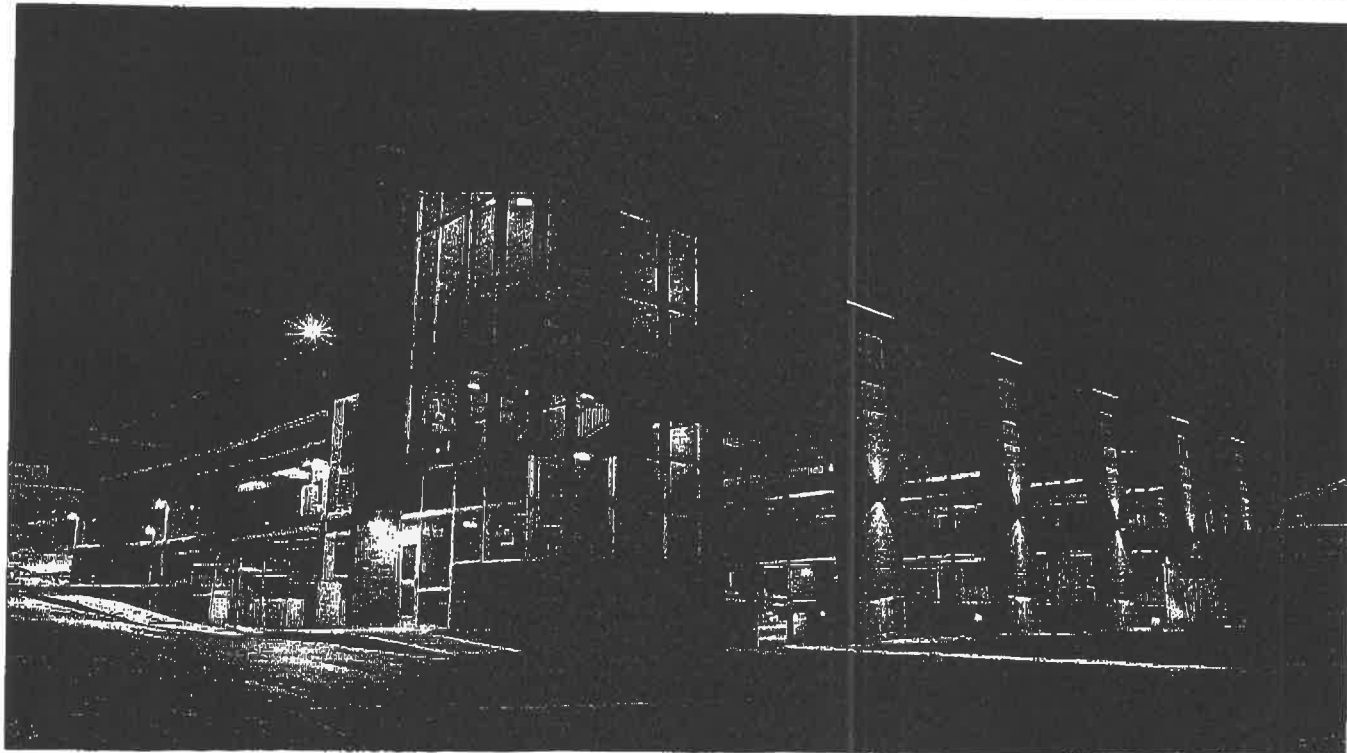


# Towanda Parking Garage: Towanda, PA

The Borough of Towanda constructed a new 323 parking garage behind the Borough Hall fronting the Susquehanna River. This was the first project of the Borough's second phase of its downtown Revitalization. The site was restricted by an existing private business and steep slopes. The design integrated the slope of the site with the vehicle entries to make use of the slope and additional spaces on the first level. It is constructed with steel framed with poured concrete floors and brick with metal fabric facade with two stairs and an elevator tower. A private business was constructed on an adjacent corner and the original building was demolished allowing a more uniform garage geometry. As with most parking garages, coordination and relocation of municipal utilities in the streets was required. Project funded through a RACF grant.

Construction Cost: \$4.2M

Kyle Lane, Towanda Borough  
[KL@towandaborough.org](mailto:KL@towandaborough.org)  
 (570) 268-9200





## U.S. Army Corps of Engineers – Baltimore District

*Chambersburg, Pennsylvania*

### LETTERKENNY ARMY DEPOT – INDEFINITE DELIVERY CONTRACTS

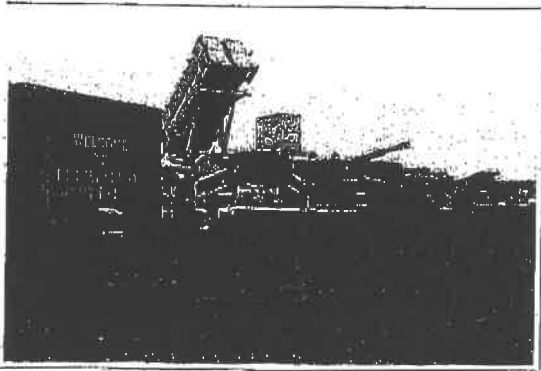
H.F. Lenz Company has provided engineering services for \$100 million of construction for the Baltimore Corps of Engineers over the past 30 years including 6 indefinite delivery-type contracts and 11 new reserve centers, several of which were design/build projects. We have held six consecutive IDC's for Letterkenny under which we have completed more than 100 projects requiring a variety of engineering expertise.

#### The following are a few of our recent project examples:

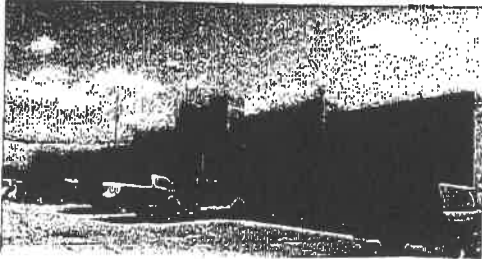
- › **Bldgs 320, 350, & 370 – Locker Room/Restroom Upgrades:** Renovation and upgrades to Locker Room and Restroom areas to include new floor plans to accommodate ADA requirements, new plumbing fixtures, ventilation and architectural finishes.
- › **Building S234 – Post Cafeteria Renovation & Expansion:** Design of complete renovations and addition to the Depot's Post Cafeteria including a conference/training area.
- › **Building 365 – Groundwater Treatment Plant Permit Renewal:** Preparation of required application and associated supporting documentation for the renewal of the Groundwater Treatment Plant's NPDES Permit.
- › **Integrated Contingency Plan Update:** Performed the necessary research and documentation for the mandatory five-year update to the Depot's Integrated Contingency Plan which outlines the site locations and control of all hazardous materials.
- › **Industrial Waste Treatment Plant Evaluation:** Completed a study of the IWTP operations to evaluate the plant's processes, equipment, waste loading/flows and chemistry and prepared a report outlining to recommended plant modifications and upgrades.
- › **Master Planning Services:** Working with our Master Planning consultant, R&K Engineering, an assessment of existing conditions and development of requirements analysis were prepared in accordance with AR 210-20, Real Property Master Planning for Army Installations and in the Master Planning Instructions.
- › **Rail Dock and Spur, Lot 12:** Design of a rail loading dock and servicing rail spur at Lot 12. This dock is being utilized to load and off load military equipment that is being transported by railcar.
- › **Building 102 Renovations:** Prepared the design of renovations to convert an existing laboratory/ quality assurance building into a training center. These services included exterior and interior architectural, mechanical, electrical and telecommunications systems improvements.

H.F. LENZ COMPANY

RELEVANT EXPERIENCE







## Pennsylvania Army National Guard

*New Castle, Pennsylvania*

### NEW CASTLE READINESS CENTER REHABILITATION

The New Castle Readiness Center consisted of two, two-story wings of the building with a one-story Maintenance Shop/Drill Hall which connects the two. The building is masonry type construction with stone, brick, and concrete block. Outside supporting facilities include military and privately-owned vehicle parking, fencing, sidewalks, access roads, and storage buildings as well as a vehicle maintenance facility.

This project was focused on the Readiness Center or the main building. The size of the existing facility was approximately 23,000 sq. ft. The facility houses approximately 120 soldiers from the 107th Field Artillery Battalion for the Pennsylvania Army National Guard. The original building was constructed in 1938 and housed the Calvary Units, which included administrative offices, stables, and a riding hall, which is now the Drill Hall.

The rehabilitation scope of work included:

- › Exterior architectural improvements
- › Interior architectural improvements
- › Electrical upgrades consisting of new electrical service, new distribution equipment and panelboards throughout. New lighting and receptacle layouts are also included as part of the renovation. Fire alarm system and emergency lighting will be updated throughout the building, and a connection for a future generator will be incorporated into the design.
- › HVAC renovations include replacement of the steam heating system with hot water, adding air conditioning to the Administration Wing, Rear Wing, and the existing classroom which is part of the Drill Hall, toilet room and locker room exhaust upgrades, and a kitchen exhaust and make-up air system.
- › The plumbing scope of work includes replacing water heaters, providing a new domestic water service and piping, updating the sanitary sewer and vent piping, modifying the natural gas service and piping to accommodate the increased loads, renovations to the toilet rooms and shower rooms throughout the building, and providing new roof drains.

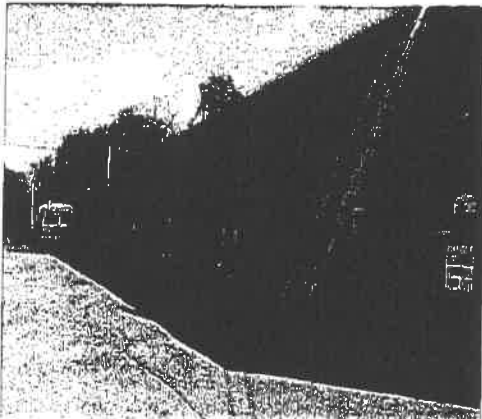
Construction on the \$2,511,000 was completed in 2018.

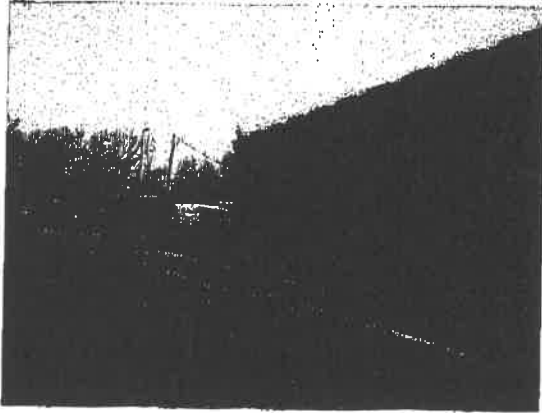
H.F. LENZ COMPANY

RELEVANT EXPERIENCE

#### Reference:

Matthew A. Dubovecky, EIT  
 Project Manager  
 PA Department of Military & Veterans  
 Affairs  
 814/533-2466  
 c-mdubovec@pa.gov





## Pennsylvania Army National Guard

*Pittsburgh, Pennsylvania*

### CRANE READINESS CENTER REHABILITATION

H.F. Lenz Company provided the mechanical, electrical, plumbing, fire protection, communications and civil engineering services for the renovation of the Crane Readiness Center which houses 250 soldiers of the 128th Brigade Support Battalion, PA Army National Guard.

The existing facility was a 26,700 sq.ft., two-story Reserve Center of permanent masonry type construction, brick and concrete block units with concrete floors, and a built-up or membrane roof system. The scope of work for the project included:

- › HVAC & electrical system evaluation and improvements
- › Bathroom rehabilitation/installation of low-flow fixtures
- › American with Disabilities Act compliance upgrades
- › Code compliance upgrades
- › Bituminous pavement demolition/replacement/expansion
- › Chain-link fencing and gates
- › Exterior lighting
- › Antiterrorism/force protection requirements around the perimeter of the property
- › Masonry re-pointing
- › Emergency generator supporting up to 35% of facility's load requirements
- › Construction of a 3,000 to 5,000 sq.ft. heated storage building equipped with supply caging
- › Parking lot lighting
- › Roof replacement
- › Elevator installation

Several rooms were remodeled for new programming needs to include architectural, electrical, IT and HVAC improvements.

This facility also houses a weapons vault which will be equipped with an electronic Entrance Security System (ESS).

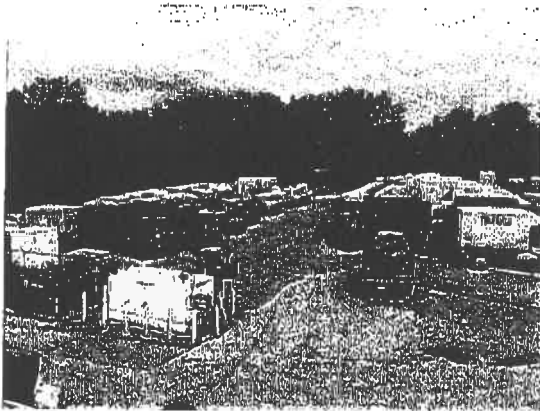
Construction on the \$2,200,000 was completed in 2015.

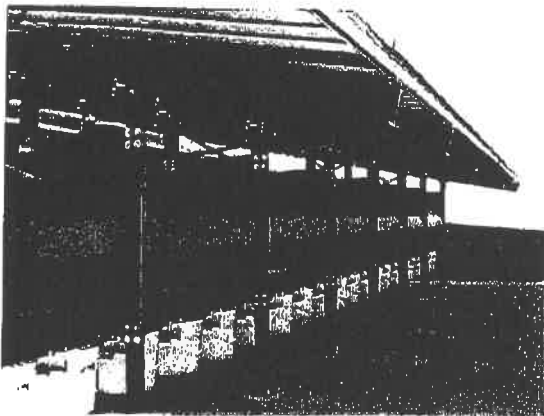
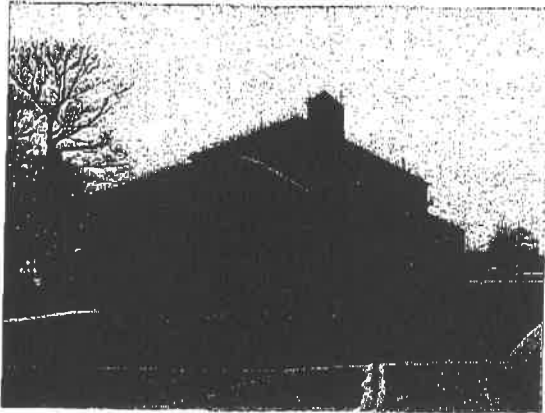
H.F. LENZ COMPANY

RELEVANT EXPERIENCE

#### Reference:

Matthew A. Dubovecky, EIT  
 Project Manager  
 PA Department of Military & Veterans  
 Affairs  
 814/533-2466  
 c-mdubovec@pa.gov

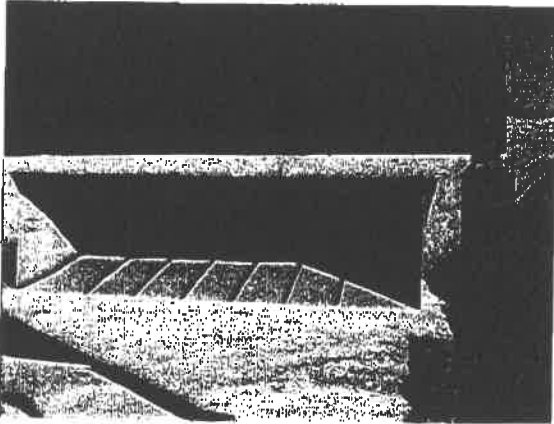




- › **Guided Missile Maintenance Facility – Topographic Survey:** Performed a topographic and survey of an approximate 30-acre site and prepared an existing conditions site plan for future use for the design of the proposed new Guided Missile Maintenance Facility.
- › **Programming Documents, 1391 Preparation:** Working with the Depot's Master Planner, we provided services related to the development of 1391's for various MCA projects.
- › **Inland Node Facility – Topographic Survey:** Performed a topographic and survey of an approximate 16-acre site and prepared an existing conditions site plan for future use for the design of the proposed Inland Node Facility.
- › **Boundary Line Survey:** Completed a boundary survey for the transfer of approximately 220 acres of land from the Letterkenny Industrial Development Authority to Letterkenny Army Depot.
- › **Replace Culvert 53, Ammunition Storage Area:** Design and permitting for replacement of an existing deteriorated box culvert located under an existing railroad in Letterkenny's Ammunition Storage Area. Permitting involved a stream encroachment and erosion and sedimentation control plan approvals.
- › **Building 320, Evaluate Existing Heat Recovery Units:** Performed an evaluation and prepared a report outlining recommendations for the upgrade and replacement of nine heat recovery units serving the paint spray booths located in Building 320. This evaluation included the completion of an energy analysis along with recommendations for upgrades to the existing control system.
- › **Building 14, Second Floor Office Area:** Performed a structural evaluation and design of required modifications to renovate the Building 14 second floor area into office space. The Building 14 structural system is comprised of timber construction.
- › **Building 3, Upgrade Fire Alarm System:** Design of modifications to upgrade an aged fire alarm system serving an existing data center with new technology including central alarm panel and remote detection devices.
- › **Ammunition Storage Area, Electrical Distribution Upgrades:** Evaluation of existing electrical distribution system and the design of upgrades to this system which serves the entire Ammunition Storage Area. This work includes upgrading the original 1941 era system to 12.47 KV distribution voltage and replacing deteriorated poles, conductions, and associated appurtenances.
- › **Building 10, Commander's Building Façade Upgrade:** Renovations to the entrance of the commanders building.
- › **Recreation Area Activity Center:** Renovate and expand existing recreation area pavilion to include the construction of wood
- › **Command Flag Area Improvements:** Renovation to commander's site entrance area to include walks, grass,

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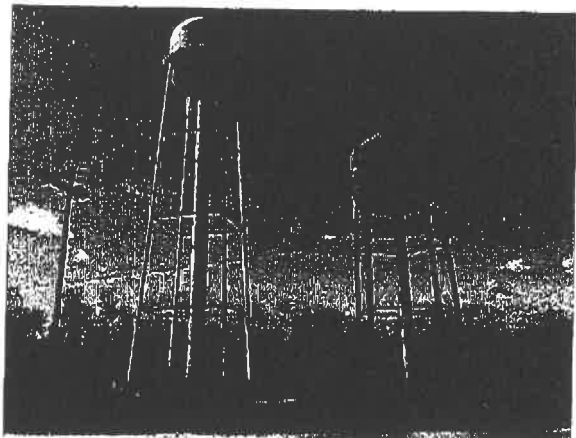
RELEVANT EXPERIENCE



- sitting areas, flag poles, and the inclusion of the original LEAD iron gates.
- › **Building 349. Boiler Plant Modifications and Roof Replacement**
  - › **Building 1. Restroom Renovations:** Renovation and upgrades to Restroom area including new floor plan to accommodate ADA requirements, new plumbing fixtures, ventilation and architectural finishes.
  - › **Lot 12 Lumber Storage Building:** Design and construction of a storage shelter for construction materials used by LEAD DPW.
  - › **Building 350. Office 4 Addition:** Design second story office space addition and tool storage room expansion
  - › **Missile Storage Erosion and Sedimentation Plans**
  - › **Integrated Contingency Plan Update:** Performed the necessary research and documentation for the mandatory five-year update to the Depol's Integrated Contingency Plan which outlines the site locations and control of all hazardous materials.
  - › **Building 350. Office 1 Addition:** Design second story office space addition
  - › **Child Development Center Sanitary Sewer Expansion:** Design the expansion of the existing sanitary to include the new construction of the Child Development Center and Family Housing Complex
  - › **Buildings 37 and 57. Industrial Waste Treatment Sewer Rehabilitation:** Design includes the rehabilitation of this existing force main to include the re-lining of portions of this piping system along with the total replacement of those areas of the system that cannot be re-lined due to excessive deterioration. Included in this project will be the replacement of the associated appurtenances on this system such as clean-outs, blow off valves, manholes, pump station connection, etc.
  - › **Buildings 3750 and 3750A. HMX Recovery:** The renovation of Building 3750 and 3750A to accommodate new equipment for the processing of warheads for the removal of explosive materials contained in these warheads.
  - › **Buildings 357. Hazardous Materials Building:** Design addition to existing hazardous materials pavilion to provide controlled space for offices and work space for inventory control and shipping.
  - › **Buildings 12. DISA/CSC Office Renovations:** Renovation of existing warehouse to office space for Defense Information Systems Agency (DISA) / Computer Science Corporation (CSC)
  - › **Phase 1 Environmental Site Assessment of Adjacent Property**
  - › **Environmental Awards PH3**
  - › **MRAP Staging Areas:** Design and permit (4) long term staging / storage sites for 1000 Mine Resistant Ambush

H.F. LENZ COMPANY

RELEVANT EXPERIENCE



- Protected (MRAP) vehicles and associated parts and equipment.
- › **Building 2363, Addition and Renovations:** Renovate and upgrade existing building to include office space, break room, restrooms, and mechanical room for new mission support. Mechanical systems upgrades include new HVAC system, upgraded electrical system, and compressed air. Remove entirely and replace existing overhead.
  - › **Building 5647, Addition and Renovations:** Expansion of the existing building to the south and east to accommodate additional office space, larger work area and overhead doors to accommodate larger shipping containers.
  - › **Reasonably Available Technology (RACT) Analysis:** A Reasonably Available Technology (RACT) Analysis was conducted for the acid wash primer utilized in the painting operations to determine the feasibility of installing additional VOC emission controls. The RACT Analysis will be performed in accordance with the U.S. Environmental Protection Agency and PADEP guidelines.
  - › **Building 397, Addition and Renovations:** Renovate South End of Building 397 for use as generator / compressor rebuild shop. Upgrade electric, fire sprinklers, lighting and all interior and exterior finishes.
  - › **Building 321, Demolition and Reconstruction:** Demolish existing structure entirely and replace with new building for Mine Resistant Ambush Protected (MRAP) process line.
  - › **Building 330, Renovations and Upgrades:** Enclose and renovate a portion of the south end of the building to provide work space for storage operations.
  - › **Building 331, Renovations and Upgrades:** Enclose and renovate a portion of the north end of the building to provide work space for storage operations.
  - › **Phase 1 Arch Survey PA Avenue:** Site design and permitting for container storage areas.
  - › **Dock 2 Shipping and Receiving Office:** Construct administrative space between the south end of building 330 and the north end of building 331 to coordinate shipping and receiving functions at Dock 2.
  - › **LEAD/LEMC AP Rocket Motor Destruction Facility:** Design and coordinate 2 building facility, site infrastructure, and equipment integral to the segmenting and burning of rocket motors
  - › **Building 37, Make-Up Air System Replacement:** (Awaiting Direction) Remove existing roof top HVAC equipment and existing electrical service from distribution panel. Replace with new heated make-up air unit including new electrical service. Evaluate existing roof structure and provide any additional supports necessary to accommodate new loading.
  - › **Building 1, DISA / FSO Secure Room (SCIF):** Multi-discipline engineering design for conversion of a Secure Room into a SCIF.

1

## Department of Defense Facilities

### U.S. ARMY CORPS OF ENGINEERS, BALTIMORE

#### ARMY RESERVE AVIATION FACILITY *Johnstown, Pennsylvania*

- › New 120,000 sq.ft. multi-building complex including an armed forces reserve center and an aviation maintenance shop

#### ARMY RESERVE CENTER *Beckley, West Virginia*

- › New 300-member reserve center with training building and maintenance shop

#### ARMY RESERVE CENTER *Morgantown, West Virginia*

- › New 300-member reserve center with training building and maintenance shop

#### ARMY RESERVE CENTER *Wheeling, West Virginia*

- › New 284-member reserve center with training building and maintenance shop

#### ARMY RESERVE CENTER *Rainelle, West Virginia*

- › New 200-member reserve center with training building and maintenance shop

#### ARMY RESERVE CENTER *Weirton, West Virginia*

- › New 200-member reserve center with training building and maintenance shop

#### ARMY RESERVE CENTER *Brownsville, Pennsylvania*

- › New 200-member reserve center with training building and maintenance shop

#### ARMY RESERVE CENTER *Johnstown, Pennsylvania*

- › New 200-member reserve center with training building and maintenance shop

#### ARMY RESERVE CENTER *Kingwood, West Virginia*

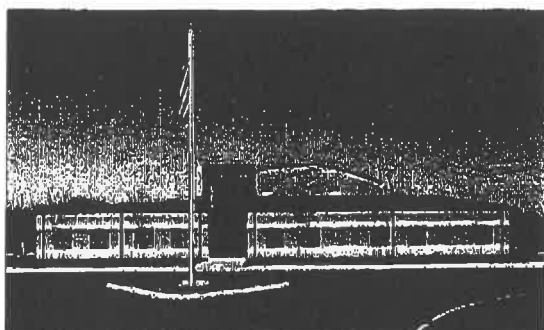
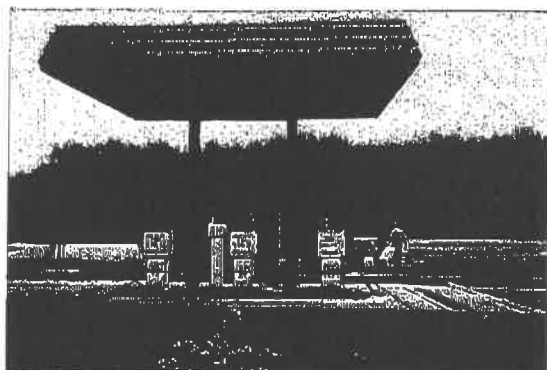
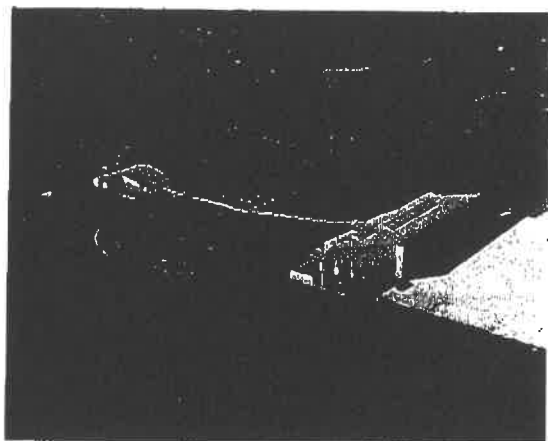
- › Maintenance shop

#### ARMY RESERVE CENTER *Crantsville, West Virginia*

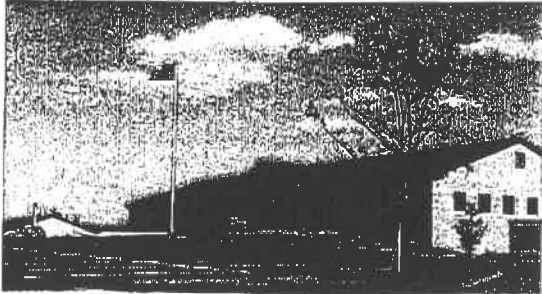
- › New 100-member reserve center with training building and maintenance shop

#### ARMY RESERVE CENTER *Elkins, West Virginia*

- › New 60-member reserve centers with training building and maintenance shop



DOD FACILITIES

**MORLOCK ARMY RESERVE CENTER** *Pittsburgh, Pennsylvania*

- › HVAC modifications

**COPELY ARMY RESERVE CENTER** *Oil City, Pennsylvania*

- › Boiler addition

**STEELE ARMY RESERVE CENTER** *Pittsburgh, Pennsylvania*

- › Complete HVAC system replacement

**CAMP DAWSON** *Kingwood, West Virginia*

- › Three new billeting facilities

**LETTERKENNY ARMY DEPOT** *Chambersburg, Pennsylvania*

- › Six indefinite-delivery contracts for mechanical, electrical, civil, and structural engineering and surveying services

**FORT RICHIE** *Fort Ritchie, Maryland*

- › Two indefinite-delivery contracts for mechanical, electrical, civil, and structural engineering and surveying services

**AMMUNITION PLANT** *Scranton, Pennsylvania*

- › Upgrade lighting system in production shop

**911 AIRLIFT GROUP, GREATER PITTSBURGH INTERNATIONAL AIRPORT** *Pittsburgh, Pennsylvania*

- › Study and design of new Base Civil Engineer Facility
- › Indefinite delivery contract for architectural and engineering services

**U.S. ARMY CORPS OF ENGINEERS, NORFOLK****WALTER REED ARMY MEDICAL CENTER** *Washington, D.C.*

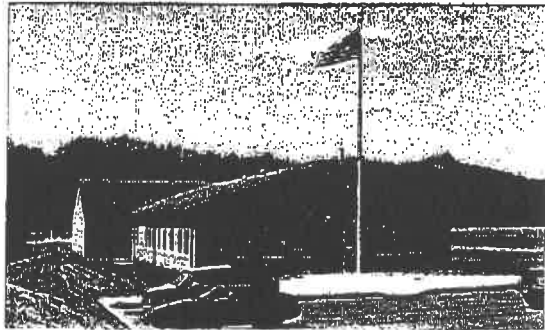
- › Energy engineering analysis program, main hospital building

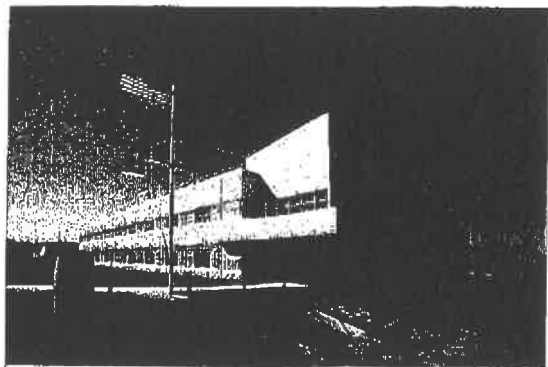
**U.S. ARMY CORPS OF ENGINEERS, PHILADELPHIA****PHILADELPHIA, PENNSYLVANIA**

- › Tenant fit-up

**PA DEPARTMENT OF MILITARY AFFAIRS****FORD CITY ARMORY** *Ford City, Pennsylvania*

- › New 24,400 sq.ft. training center with classrooms and kitchen/dining facilities





**NAVAL FACILITIES ENGINEERING COMMAND (NAVFAC),  
NORTHERN DIVISION**

**NAVAL AIR STATION** Lakehurst, New Jersey

- › Air conditioning tune-up study

**NAVAL SHIP PARTS CONTROL CENTER** Mechanicsburg, Pennsylvania

- › Administrative facility improvements

**NAVAL FACILITIES ENGINEERING COMMAND (NAVFAC),  
CHESAPEAKE & ATLANTIC DIVISION**

**NAVAL RESEARCH LABORATORY** Washington, D.C.

- › Three indefinite delivery contracts for mechanical, electrical, and structural engineering services (Chesapeake Division)

**OCEANA NAVAL STATION** Virginia Beach, Virginia

- › Energy monitoring and control system
- › Boiler plant modifications (Atlantic Division)

**NAVAL FACILITIES ENGINEERING COMMAND (NAVFAC),  
SOUTHEAST DIVISION**

**P-8A INTEGRATED SIMULATION/TRAINING CENTER** Jacksonville, Florida

- › New \$42.5 million, 165,000 sq.ft. operational training facility for a new Multi-Mission Maritime Aircraft (MMA)/P8-A located at the Naval Air Station; Project goal is LEED Gold



**DEPARTMENT OF GENERAL SERVICES**

**PENNSYLVANIA NATIONAL GUARD** Johnstown, Pennsylvania

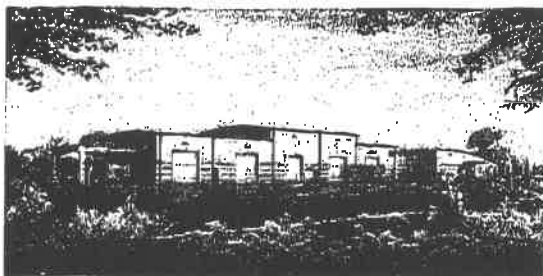
- › New 23,560 sq.ft. Regional Maintenance Facility

**PENNSYLVANIA ARMY NATIONAL GUARD, 128TH BRIGADE SUPPORT BATTALION**

- › Renovation of the 26,700 sq.ft. Crane Readiness Center which houses 250 soldiers

**PENNSYLVANIA ARMY NATIONAL GUARD, 107TH FIELD ARTILLERY BATTALION**

- › Rehabilitation of 23,000 sq.ft. New Castle Readiness Center which houses approximately 120 soldiers





**Fort Indiantown Gap-Area Six Battalion Training Complex**  
**Contract Number: W912KC-04-D-0003**

<b>Project Owner:</b>	<b>Project Partner:</b>
Pennsylvania Army National Guard	Buchart Horn, Inc.
<b>Project Location:</b>	<b>Partner Address:</b>
Fort Indiantown Gap, Pennsylvania	445 West Philadelphia Street Your, Pennsylvania 15040
<b>Point of Contact:</b>	<b>Date of Project:</b>
Lieutenant Col. John Sauffey	November 2004-August 2005
<b>POC Phone:</b>	
717-861-2207	

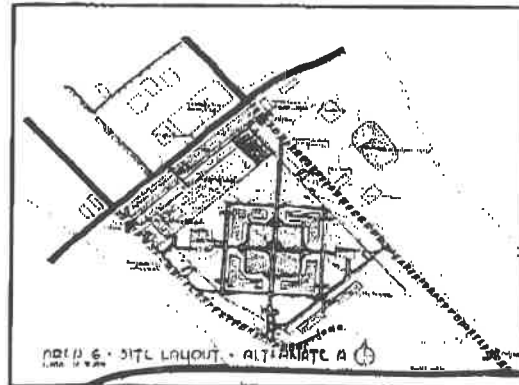
**Project Description:**

The Area Six Battalion Training Complex project involved master planning for the site and design development for three separate parts of the Project. Those three areas were:

- The Battalion Training Center which consisted of
  - Barracks/ Company HQ/Supply
  - Officers Quarters
  - Senior Enlisted Quarters
  - Dining Facility
  - Battalion HQ
  - Classroom / Assembly Building
  - Mission Support Training Facility, MSTF
  - Maintenance Building
  - Vending Machine / Public Telephone Shed
- The Unmanned Aerial Vehicles (UAV) Training Center
- The Unit Storage Facility

Standing Stone Consulting provided an anti-terrorism force protection assessment of the site and worked with the design team and owners to develop an appropriate anti-terrorism and force protection strategy for the project. The work included an analysis of the probable threats and vulnerabilities at the site and recommendations to mitigate those threats and vulnerabilities.

The objective of the work was to meet or exceed all DoD AT/FP guidelines and standards and still allow for the efficient functioning of the Training Complex.



**Team Members and Project Role:**

Lori Thompson	Project Manager
Ian Thompson	Lead Consultant
Karl Mercer	Consultant
Jim Hyslop	Quality Assurance and Quality Control

**Project Name: Fort Drum 3.10 Hangar Addition, Maneuver Enhancement Brigade and North Post Study**

**Contract No. W912BU-08-0004 Task Order 0001**

<b>Project Owner:</b> Fort Drum	<b>Project Prime:</b> M. Baker Corp
<b>Project Location:</b> Fort Drum, NY	<b>Partner Address:</b> 4301 Dutch Ridge Rd Beaver, PA 15009
<b>Point of Contact:</b> Tony Felder (Ft Drum) Anthony.B.Felder@usac.army.mil 917-790-6232	<b>Date of Project:</b> Start- Oct 2008- End - May 2009

**Project Description:**

**Maneuver Enhancement Brigade (MEB)**

Standing Stone Consulting Inc. was a subcontractor and part of a design team tasked to construct a standard design Maneuver Enhancement Brigade Complex. Phase I included a brigade headquarters, battalion headquarters with classrooms, company operation facilities (COF), oil storage, hazardous waste storage, deployment equipment storage, storage, and secure open storage. SSCI provided fire protection, detection, and alarm systems; connections with the energy monitoring and control system (EMCS); Antiterrorism (AT) measures; and intrusion detection system design. Standing Stone was also responsible for the supporting facilities including security lighting; fire protection; POV parking; non-organizational vehicle parking; service area paving; walks, curbs signage; information systems, lightning protection systems; site improvements and landscaping; fencing with gates; and Antiterrorism (AT) measures.

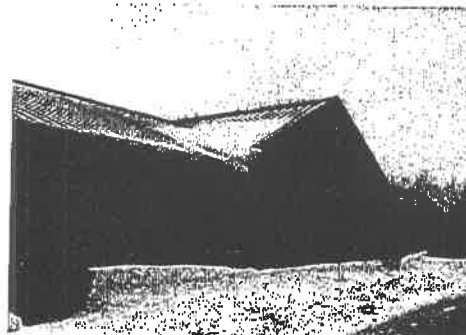
**3.10 Hanger Addition**

Standing Stone Consulting team members designed maintenance shops and an aviation operations building to support a Blackhawk and Chinook helicopters Battalion's unit maintenance operations. Primary facilities included renovation to the existing hangar to upgrade electrical, heating, ventilation, lighting and the addition of overhead crane support, safety items, and a paging system. The Project also included connection to the energy monitoring and control system (EMCS) and installation of IDS. Supporting facilities included water, sewer, electrical, gas, paving, walkways, storm drainage, site improvements and information systems.

**North Post Space Study**

The team provided a study of facilities in Fort Drum's North Post. Included were:

- i. Battalion Headquarters facilities for three Brigade Combat Teams (BCTs) and one Support Brigade
- ii. Company facilities for three Brigade Combat Teams (BCTs) and for one Support Brigade.
- iii. Battalion Headquarters and Motorpool facilities



A study was undertaken to determine the proper amount and location of parking lots. The purpose of this study was to determine what needs to be done to the existing parking lots, or what additional lots need to be constructed along with proposed locations.

**Team Members and Project Role:**

Lori Thompson, Project Manager

Ian Thompson, Senior AT/FP Consultant

JA Cost Engineers and Advisors  
Additional Relevant Experience

**New York System Independent Operators - Data Center and Control Room: Albany, NY**

Budget and schedule review, cost monitoring, cost and schedule trending, closeout claims. Project had to meet Homeland Security and Anti-Terrorism Requirements due to the interface / control of the NY Power Grid.

**State of Missouri - Homeland Security Biomedical Laboratory: Jefferson City, MO**

Provided a final construction audit / assessment of project.

**City of Scottsdale - McKellips Service Center (Police): Scottsdale, AZ**

Audit and quantification of a potential E / O claim. High security requirements due to narcotics confiscation.

**Federal Reserve Bank LEU Training Center: Cincinnati, OH**

Third party estimating for probable cost budget for Tony Ravagnani Architects.

Relevant Project Experience



**E. REFERENCES**



**PROFESSIONAL REFERENCES FOR  
UPSTREET ARCHITECTS, INC. AND FORMER STAFF OF FRANK DACHILLE ARCHITECTS, PC**

Ms Kelly Barnes: Chief, Engineering and Planning Division  
Directorate of Public Works  
Letterkenny Army Depot  
717.267.9554/5601  
[kelly.r.barnes.civ@mail.mil](mailto:kelly.r.barnes.civ@mail.mil)

Mr. David Williams  
Director of Physical Plant  
Saint Francis University  
111 Juniper Lane  
Loretto, PA 15940-0600  
814-472-3251  
[dwilliams@francis.edu](mailto:dwilliams@francis.edu)

Tony Gojmerac, Facilities Manager  
Ameriserv Financial  
216 Franklin Street  
Johnstown PA 15901  
(814) 533-5300 x5409  
[AGojmerac@ameriserv.com](mailto:AGojmerac@ameriserv.com)

Paul Koons, Administrator  
Indiana Fire Association  
1555 Indian Springs Road  
Indiana, PA 115701  
724-840-0903  
[pkoons100@gmail.com](mailto:pkoons100@gmail.com)



**F. PROJECT APPROACH**



## PROJECT APPROACH

Our project approach to this project is based on the RFP and the understanding that the project will be in two phases. Our consultants were selected because of their ability to provide comprehensive professional services to the State of West Virginia. Their expertise will enable us to make recommendations quickly. The key issues and potential risks will be identified and further investigation will depend on additional information and a site visit.

UpStreet Architects, Inc., has teamed with H.F. Lenz on numerous new construction and renovation projects. We have successfully completed over 175 projects together over the past 37 years, including several projects for Letterkenny Army Depot and the Baltimore Corps of Engineers. Through this experience our firms have established an open and collaborative environment and developed project management procedures to maintain quality and cost control. Together, we have been responsible for the evaluation, preservation, restoration, stabilization, and adaptive reuse of over ten million square feet of structures. Many of these projects have involved substantial renovations and integration of highly efficient, environmentally friendly systems into existing buildings, repair and replacement with compatible finishes, creating accessibility, designing communications and wire management systems, and providing optimum life safety in both fire protection and smoke control. Our building renovation experience includes projects for both government agencies and private sector building owners.

Standing Stone Consulting is a team member on our Letterkenny IDC and the Clearfield Readiness Center and will provide consulting and design of force protection and security features during all phases of design. Their consulting expertise will ensure that current military regulations are applied to the design decisions from the beginning of discussions. They will review and integrate existing threat assessment into design considerations.

Once awarded the project and completion of negotiations, we will enter into the standard agreements and update our registrations as needed. Our subcontracts will be formalized and we will ensure our M/W/SBE are recognized.

We will request any existing documentation be provided if not already received during contract negotiations, including existing drawings, test reports, environmental studies, force protection assessment, master plans, occupancy approvals, sewage maintenance records, and a description of an average monthly facility activity schedule. Our team will review the documentation in preparation for the kick off meeting. Documentation, which is not available or is not sufficient, will be brought to the attention of the Department

and Facility representatives. At the First Meeting, we will come prepared with questions, recommendations for actions and a critical path schedule. We will also focus on the facility and user needs. Interviews and discussions with the staff and maintenance personnel, examination of the site in detail, and understanding the operations and occupancy schedules will be the basis for the design, making decisions and establishing priorities. Our process will be to understand the user needs now and projected, adjacencies, flow and numbers of people, and operations and services provided.

Subsequently, the site will be evaluated including geotechnical investigations to inform the design. The team members will be tasked with researching and providing input on the design including code compliance, accessibility, utility availability, local permits, energy efficiency, force protection strategies, and spatial needs. The ability of the design to meet the function and purpose of its occupants will be considered including code & regulation compliance, and budget. The findings will be reported to the Department and Facility. A revised preliminary scope will be presented for discussion and approval. By analyzing the conditions prior to proceeding with design, expectations and budget can be managed and comprehensive solutions can be found.

At this point, concept designs for Phase 1 can proceed as required. We will review various alternates with regard to overall user needs, cost effectiveness, energy efficiency, system reliability, maintenance efficiency, and other prioritized issues. For each of these alternates, we will prepare concept design sketches for review. These designs will be to provide a design that is 35% complete and adequate for initial budgeting and creating an image.

We understand this partial design will be part of an effort used by the Agency to secure funding for the final design and construction. Once funding is secured for Phase 2, the project will be reviewed, verified for continuation, and adjusted as required.

Following authorization to begin Phase 2 and with direction for a design path, we will proceed with the Schematic Design Submission where the designs will be hardlined and detailed specifications can begin. The drawings can be circulated to the team for discussions with the authorities having jurisdiction. Outcomes will be reported to the Department and the Facility and any Additional Services will be requested. Team members will provide input on the design solutions. The budget will be reviewed at this milestone.



The Design Development Submission will be a further elaboration on the drawing notes and details. Specifications will be enhanced with a list of products and quality standards. We will review the cost estimate of the overall project. Outreach to the authorities will be made for any outstanding preliminary issues. The details of the Phasing Plan will be implemented.

Prior to the final Construction Document Phase, the drawings and specifications will be completed to a high level of detail for review. Statements of probable construction cost will be elaborated in detail. All previous comments will be addressed. All documentation to the authorities will be finalized and ready for submission.

The Construction Document Submission will incorporate all comments from the Facility, the Department and authorities. Approvals from the local utilities, local Planning Commission and Building Permit will be presented to the Department. The Final Statement of Probable Construction Cost will be presented. The project will have met the expectations established early in the process and the project will be ready for Bidding.

During the Bidding Period, we will provide Construction Procurement Services including attendance at a Pre-Construction Conferences.

Construction Contract Administration Services will be provided including but not limited to: Project Correspondence, Job Conferences, meeting minutes, answering RFI's, schedules, testing, submittals, Applications for Payment, Change Orders, Extensions of Time, Punch List, Substantial Completion and Final Inspection. We will facilitate inspections during construction. Operation and Maintenance Manual review will be conducted at the project's completion. Record Drawings will be provided to the Department, if needed.

At each phase, we will provide the required documentation, prints and copies, meeting attendance, and written responses to comments. We will follow the guidelines and procedures established by The Purchasing Division.

To summarize, it is our plan to have early and frequent communications with The Purchasing Division and the Facility to define a scope and approach that best suits the needs of the User and the State as follows:

- *Understand the goals of the project:* Learn the user's preferences
- *Examine the site:* Look for issues that are not on the scope but should be addressed or incorporated into design solutions
- *Analyze the Risks:* Select consultants with the expertise to navigate the issue
- *Evaluate budgets:* Early and often
- *Prioritize goals:* Re-assess with the information in hand
- *Follow procedures:* Learn the agency's process, meet schedules and communicate
- *Design:* Provide integrated and comprehensive solutions
- *Quality documents:* Produce drawings and specifications that clearly convey intent and can be enforced





**G. CERTIFICATIONS**

C



ALLAN L. MCVEY  
CABINET SECRETARY

STATE OF WEST VIRGINIA  
DEPARTMENT OF ADMINISTRATION  
PURCHASING DIVISION  
2019 WASHINGTON STREET, EAST  
CHARLESTON, WEST VIRGINIA 25305-0130

W. MICHAEL SHEETS  
DIRECTOR

April 15, 2020

UpStreet Architects, Inc.  
541 Philadelphia ST  
Indiana, PA 15701-3917

Ms. Hauge:

This is to notify you that your Small, Women-, and Minority-Owned Businesses (SWAM) Certification Application has been approved on the basis of your representations that the vendor named above meets the definition of a Small, Women-, and Minority-Owned Businesses as set forth in the *West Virginia Code of State Rules 148-22-1 et seq.* This certification becomes effective:

4/15/2020

And shall automatically expire without notice two years after the effective date unless revoked by the Purchasing Director or upon expiration pursuant to the *West Virginia Code of State Rules 148-22-8.* The type(s) of Small, Women-, and Minority-Owned Businesses (SWAM) Certification approved for your entity:

Small Business    Women Owned Business

To maintain certification without lapse, a certified business shall apply to renew its certification at least 60 days prior to the end of the two-year certification period. Complete renewal instructions, recertification forms, and a list of all SWAM Certified entities are available online at [www.state.wv.us/admin/purchase/VendorReg.html](http://www.state.wv.us/admin/purchase/VendorReg.html).

If you have questions, please contact the West Virginia Purchasing Division at 304-558-2306.

Sincerely,

to Anne Cottrell  
Assisting Registration Coordinator

# WBENC

WOMEN'S BUSINESS ENTERPRISE  
NATIONAL COUNCIL

JOHN FOXCEL. SUCCEED TOGETHER.

hereby grants

## National Women's Business Enterprise Certification

to

### UpStreet Architects, Inc.

who has successfully met WBENC's standards as a Women's Business Enterprise (WBE).  
This certification affirms the business is woman-owned, operated and controlled; and is valid through the date herein.

WBENC National WBE Certification was processed and validated by  
Women's Business Enterprise Center - East, a WBENC Regional Partner  
Organization.

Certification Granted: September 27, 2013

Expiration Date: September 27, 2020

WBENC National Certification Number: 2005123261

Authorized by Elizabeth M. Walsh, President  
Women's Business Enterprise Center - East

### WBECEAST

WOMEN'S BUSINESS ENTERPRISE CENTER

AND AFFILIATE OFFICES THROUGHOUT THE U.S.

NAICS: 541310, 541330  
UNSPSC: 81111705, 95120000





WOMEN'S BUSINESS ENTERPRISE NATIONAL COUNCIL

JOIN FORCES. SUCCEED TOGETHER.

HEREBY GRANTS WOMAN OWNED SMALL BUSINESS (WOSB) CERTIFICATION TO

UpStreet Architects, Inc. DBA NA

The identified small business is an eligible WOSB for the WOSB Program, as set forth in 13 C.F.R. part 127 and has been certified as such by an SBA approved Third Party Certifier pursuant to the Third Party Agreement, dated June 30, 2011, and available at www.sba.gov/wosb.

The WOSB Certification expires on the date herein unless there is a change in the SBA's regulation that makes the WOSB ineligible or there is a change in the WOSB that makes the WOSB ineligible. If either occurs, this WOSB Certification is immediately invalid. The WOSB must not misrepresent its certification status to any other party, including any local or State government or contracting official or the Federal government or any of its contracting officials.

NAICS: 541310 UNSPSC: 95120000
Certification Number: WOSB171966
Expiration Date: September 27, 2020



Elizabeth M Walsh

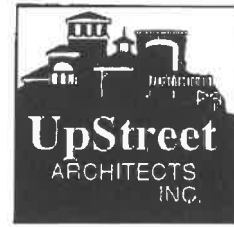
Elizabeth M. Walsh, Women's Business Enterprise Center - East President

Pamela Prince-Eason

Pamela Prince-Eason, WBENC President & CEO

Laura Taylor

Laura Taylor, WBENC Vice President



**H. VENDOR PREFERENCE CERTIFICATION**

WV-10  
Approved / Revised  
06/08/18

### State of West Virginia VENDOR PREFERENCE CERTIFICATE

Certification and application is hereby made for Preference in accordance with *West Virginia Code*, §5A-3-37. (Does not apply to construction contracts). *West Virginia Code*, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the *West Virginia Code*. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Vendor Preference, if applicable.

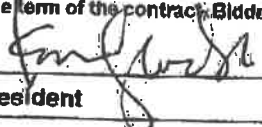
1.  Application is made for 2.5% vendor preference for the reason checked:  
Bidder is an individual resident vendor and has resided continuously in West Virginia, or bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia, for four (4) years immediately preceding the date of this certification; or,
  - Bidder is a resident vendor partnership, association, or corporation with at least eighty percent of ownership interest of bidder held by another entity that meets the applicable four year residency requirement; or,
  - Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,
2.  Application is made for 2.5% vendor preference for the reason checked:  
Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
3.  Application is made for 2.5% vendor preference for the reason checked:  
Bidder is a nonresident vendor that employs a minimum of one hundred state residents, or a nonresident vendor which has an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia and employs a minimum of one hundred state residents, and for purposes of producing or distributing the commodities or completing the project which is the subject of the bidder's bid and continuously over the entire term of the project, on average at least seventy-five percent of the bidder's employees or the bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years and the vendor's bid; or,
4.  Application is made for 5% vendor preference for the reason checked:  
Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
5.  Application is made for 3.5% vendor preference who is a veteran for the reason checked:  
Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
6.  Application is made for 3.5% vendor preference who is a veteran for the reason checked:  
Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.
7.  Application is made for preference as a non-resident small, women- and minority-owned business, in accordance with *West Virginia Code* §6A-3-69 and *West Virginia Code of State Rules*.  
Bidder has been or expects to be approved prior to contract award by the Purchasing Division as a certified small, women- and minority-owned business.
8.  Application is made for reciprocal preference.  
Bidder is a West Virginia resident and is requesting reciprocal preference to the extent that it applies.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) rescind the contract or purchase order; or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

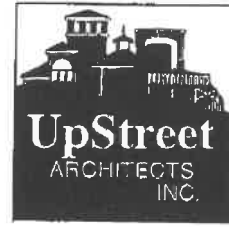
Bidder: UpStreet Architects, Inc.

Signed: 

Date: April 15, 2020

Title: President

\*Check any combination of preference consideration(s) indicated above, which you are entitled to receive.



**I. ADDENDUM ACKNOWLEDGEMENT**

**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.: CEOI ADJ2000000009**

**Instructions:** Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

**Acknowledgment:** I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

**Addendum Numbers Received:**

(Check the box next to each addendum received)

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6  |
| <input type="checkbox"/> Addendum No. 2            | <input type="checkbox"/> Addendum No. 7  |
| <input type="checkbox"/> Addendum No. 3            | <input type="checkbox"/> Addendum No. 8  |
| <input type="checkbox"/> Addendum No. 4            | <input type="checkbox"/> Addendum No. 9  |
| <input type="checkbox"/> Addendum No. 5            | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

**UpStreet Architects, Inc.**

Company



Authorized Signature

**May 5, 2020**

Date

**NOTE:** This addendum acknowledgment should be submitted with the bid to expedite document processing.