

CEOI 0603
ADJ2000000009
Buckhannon Phase II
Addition
May 05, 2020

ZACHWIEJA
WORKMAN
ARCHITECTS

H.F. LENZ
COMPANY

RECEIVED

2020 MAY -5 AM 11:48

WV PURCHASING
DIVISION





Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

State of West Virginia
 Centralized Expression of Interest
 02 – Architect/Engr

Proc Folder: 713623

Doc Description: Addendum No. 1 - EOI - Buckhannon Phase II Addition

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No		Version
2020-04-22	2020-05-05 13:30:00	CEOI	0603 ADJ2000000009	2

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Name, Address and Telephone Number:

Zachwieja Workman Architects/Consultants, Inc.
 P.O. Box 11603
 Charleston, WV 25339
 304.346.5361

FOR INFORMATION CONTACT THE BUYER

Tara Lyle
 (304) 558-2544
 tara.l.yle@wv.gov

Signature X

FEIN # 83-0789520

DATE

May 04, 2020

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION:

Addendum No. 1 issued to extend the bid opening from 04/30/2020 to 05/05/2020. The bid opening time remains at 1:30 pm.

No other changes.

35% DESIGN AWARD PROCESS

The West Virginia Purchasing Division, for the agency, the West Virginia Army National Guard, Construction and Facilities Management Office, is soliciting Expressions of Interest from qualified firms to provide professional design services to develop construction documents to add an Addition to the Buckhannon Readiness Center, located in, Buckhannon, WV, per the attached documentation.

INVOICE TO		SHIP TO	
DIVISION ENGINEERING & FACILITIES ADJUTANT GENERALS OFFICE 1707 COONSKIN DR		BUILDING TRADES SPECIALIST BUCKHANNON READINESS CTR 929 BRUSHY FORK RD	
CHARLESTON	WV25311	BUCKHANNON	WV 26201-2497
US		US	

Line	Comm Ln Desc	Qty	Unit Issue
1	EOI- Buckhannon Phase II Addition	0.00000	

Comm Code	Manufacturer	Specification	Model #
81101508			

Extended Description :

EOI- Buckhannon Phase II Addition Design Services per the attached documentation.

SOLICITATION NUMBER: CEOI ADJ2000000009

Addendum Number: 1

The purpose of this addendum is to modify the solicitation identified as CEOI ADJ2000000009 ("Solicitation") to reflect the change(s) identified and described below.

Applicable Addendum Category:

- Modify bid opening date and time
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

Additional Documentation:

1. The bid opening has moved from 04/30/2020 to 05/05/2020. Bid opening time remains at 1:30 pm.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

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:

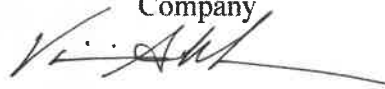
(Check the box next to each addendum received)

- | | |
|--|--|
| <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.

Zachwieja Workman Architects/Consultants, Inc.

Company



Authorized Signature

05/04/2020

Date

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

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

 Principal

(Name, Title)
Vivian A. Workman, AIA, NCARB - Principal

(Printed Name and Title)
PO Box 11603 Charleston, WV 25339


(Address)
(o) 304.346.5361 (c) 304.993.7887 / n/a

(Phone Number) / (Fax Number)
vivian@zwarchitecture.com

(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

Zachwieja Workman Architects/Consultants, Inc.

(Company)
 Principal

(Authorized Signature) (Representative Name, Title)
Vivian A. Workman, AIA, NCARB - Principal

(Printed Name and Title of Authorized Representative)

05/04/2020

(Date)

(o) 304.346.5361 (c) 304.993.7887 / n/a

(Phone Number) (Fax Number)

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Zachwieja Workman Architects/Consultants, Inc.

Authorized Signature: [Signature] Date: 4-14-2020

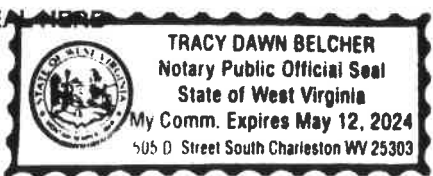
State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 14 day of April, 2020

My Commission expires May 12, 2024

AFFIX SEAL HERE



NOTARY PUBLIC Tracy Dawn Belcher
Purchasing Affidavit (Revised 01/19/2018)



**ZACHWIEJA
WORKMAN
ARCHITECTS**

Architecture/Planning
Design/Facility Assessment
Construction Services

May 4, 2020

Division Engineering & Facilities
Adjunct Generals Office
1707 Coonskin Dr
Charleston, WV 25311

RE: CEOI 0603 ADJ000000009
Buckhannon Readiness Center Phase II Addition

To whom it may concern,

We are pleased to present our expression of interest and statement of qualifications for the proposed addition to the Buckhannon Readiness Center. Please consider this cover letter as an executive summary of the expression as well.

Zachwieja Workman Architects has a history of providing quality design and construction period services to our clients that not only meets but exceeds their needs. We are conveniently located in Charleston, West Virginia and provide services for West Virginia and the surrounding states. As you can see in our project experience, we have completed numerous projects for a handful of clients. With that in mind, we believe that we build not only buildings but relationships with our clients that stand the test of time. At ZWA, we believe each project requires an individual approach to assess the needs and respond to them with a suitable solution.

H.F. Lenz is a firm with a record of outstanding performance and longevity. Headquartered in Johnstown, Pennsylvania, they have experience across a wide variety of projects and specifically with the Army National Guard in numerous states and with the Department of Defense. They bring a high level of expertise to our team in the structural, mechanical, plumbing and electrical design. Together Zachwieja Workman Architects and H.F. Lenz form a team with the experience and knowledge for a successful project.

It is our experience that there is no one-size fits all approach to design. Our team has designed and seen constructed a multitude of facilities that encompass your needs for education, assembly and administrative spaces; whether it be new construction or renovation. It takes a team, including the interested parties, to make a project successful.

PO Box 11603
Charleston, WV 25339

304.346.5361

zwarchitecture.com

The project goals as stated in the Expression of Interest note that this is to provide architectural and engineering design services, provide construction bid documents suitable for advertisement and to provide construction administration services. During the process, cost analysis to secure additional funding will necessitate the project be broken into multiple phases. Adherence to code compliance, ADA compliance and current force protection standards is also required. As firms, we routinely deal with clients needing to split projects into multiple phases due to funding or physical limitations.

Our knowledge and strength in construction cost estimation per phase will allow us to assist you with meeting in meeting your project goals based on current funding levels. Our experience with this type of phased design approach has allowed us to determine budgets that have held-up over extended delays between phases and to develop unique approaches that have saved both time and money.

One of the areas we pride ourselves upon is the quality of our documents. We understand the value of the development of concise 35% or greater documents and how to position those documents for future work. This is where our experience with the local construction market and knowledge of materials comes into play and to your benefit. We also have an excellent working relationship with the local Authorities Having Jurisdiction in regards to code compliance and knowledge

We look forward to presenting to you, in person, our qualifications. We can discuss in-depth your needs and specifically what our team can do to help you accomplish your goals for this project.

Sincerely,

A handwritten signature in black ink, appearing to read 'V. A. Workman', with a long horizontal flourish extending to the right.

Vivian A. Workman AIA, NCARB

Principal, Zachwieja Workman Architects

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3. TEAM EXPERIENCE

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Pennsylvania Army National Guard - Crane Readiness Ctr.

Pennsylvania Army National Guard - New Castle

Readiness Ctr.

US Army Corps of Engineers - Baltimore District -

Letterkenny Army Depot

Marshall University

Ned Chilton 911

West Virginia School of Osteopathic Medicine

King's Daughters Medical Center

St. Mary's Medical Center

Thomas Memorial Hospital

Wetzel County Hospital

Boone Memorial Hospital

Department of Defense Facilities

4. YOUR TEAM/RESUMES

5. REFERENCES



COMPANY LEGAL NAME

Zachwieja & Workman Architects/
Consultants, LLC

LOCATION OF INCORPORATION

West Virginia

PRINCIPAL OFFICERS

Mark T. Zachwieja, Principal in Charge

BOARD OF DIRECTORS

Mark T. Zachwieja, President

LOCATION OF OFFICES

Charleston, WV

NUMBER OF EMPLOYEES PER OFFICE

Zachwieja Workman Architects currently
employs 5 design professionals:

BREAKDOWN OF EMPLOYEES BY DISCIPLINE

Architects2
CAD Technicians.....1
Planners/Designers.....1

ABOUT ZACHWIEJA WORKMAN ARCHITECTS

Times and names may have changed, but the core values of quality service, expertise, accuracy and functional relevance still remain the same. Founded in 1945 as Vecellio and Kreps, Zachwieja Workman Architects has provided outstanding professional services to its clients.

Zachwieja Workman Architects is the only design firm in the State of West Virginia dedicated primarily to the Healthcare Industry and other complex building solutions, producing over 3,000 projects for only a handful of clients. We bring a level of expertise and knowledge to our clients that help them enhance the way they do business.

DESIGN SERVICES

The Zachwieja Workman Architects Experience is based upon in-depth knowledge, passion and excitement. We listen. We address your requirements and your constraints and tailor a specific approach for you. Our unique problem solving process generates exciting new solutions while building consensus among stakeholders.

Zachwieja Workman Architects offers the following Services:

- | | |
|---------------------|---------------------------|
| Master Planning | Equipment Planning |
| Facility Assessment | Scheduling |
| Planning | Construction Coordination |
| Programming | Code Review |
| Design | Facility Optimization |





We offer full service capabilities to enable the you, the client, to have a consistent team follow projects through all phases, from planning to construction and occupancy. And with our diverse project experience, we understand how to focus staff and resources to meet clients' individual needs, schedules, and locations. At Zachwieja Workman Architects, we are with you every step of the way. And it is our goal to incorporate the following principals into our work for you:

Innovative Solutions – Measurable Results

Complex projects need an integrated process that establishes priorities, tests their validity, analyzes their market depth, and apply a flexible, responsible facilities planning solution.

Comprehensive Planning Recommendations

A solid facility planning solution should integrate the strategic objectives of an organization, respond to solid planning parameters, support streamlined operations, and plan for flexible integration of rapidly changing technologies.

Energized Process

Fun and creativity are linked, and they make for surprising outcomes. We believe that the most unique solutions are formed when a group of diverse individuals are fully engaged.

Vision

We build on your vision. You provide the inspiration.



3-D Animation and Renderings

As part of our integrated approach, we can incorporate the use of 3-D design to aid in the visualization of a project. Visualization is a powerful tool that aids in the development and understanding of a design concept. We offer a wide range of 3-D imaging from schematic plans to finished photo renderings and understanding of the design concept.



COMPANY LEGAL NAME

H.F. Lenz Company

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 STATE 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

ABOUT 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, Pennsylvania Conneaut, Ohio, and Middletown, Connecticut.

DESIGN SERVICES

- › 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.

Our experience at Camp Dawson includes the MEP/FP engineering services for the design of three new billeting facilities. The facilities were designed to resemble small, upscale hotels. Each facility consisted of eight sleeping rooms with full baths, a common gathering area with fire place, and a full kitchen. The project included the design of the heating, cooling, ventilation, lighting, power, fire alarm, telecommunications, fire protection, plumbing, and natural gas service. Each sleeping room had individual heating and cooling control.



CONCEPT

General Project Philosophy

To respond to the challenges and opportunities presented by your project, Zachwieja Workman Architects will assemble a uniquely qualified group of design professionals. We will carefully balanced local experience with program-specific design expertise to ensure that the resulting team is as creative, responsive, and quality driven as possible. This team will lead the project team and stakeholders through a process of investigation, evaluation, design, and documentation that will ultimately lead to the most successful project possible.

At each stage of the project we will:

- Involve all stakeholders/build consensus towards practical design solutions.
- Quickly highlight areas where goals align and potential areas which may require resolution.
- Lead a conversation where the team's various experiences and expertise can inform the design process.
- Explore creative design solutions that will consider the alternatives.
- Have no cookie-cutter solutions.
- Create Sensory-Rich environments that consider emerging technologies that will impact our planning.
- Think outside the box.
- Innovate.
- Implement results of exploration into practical designs.
- Understand the program, cost and schedule implications of new solutions.
- Think through the detail, coordination, and expansion implications.
- Keep the process moving forward to complete the project on schedule .
- Develop realistic budgets that optimize every opportunity to save Your Facility money.



PROCESS: A PLANNED APPROACH

CONSENSUS BUILDING/COMMUNICATION

Consensus Building is key to any successful complex project involving multiple groups. All parties need to feel that their interests have been addressed and, if pertinent, incorporated into the design.

ABILITY TO PROVIDE SERVICES

While our office is conveniently located in Charleston, West Virginia, we routinely travel to numerous clients in the tri-state area and within our region.

PROJECT DELIVERY/BUDGETING

Our Design approach is simple and uncomplicated. We are primarily driven to listen to you and meet your needs. That's it. Our intent is to speed your project to market using an integrated project delivery method that we've been using quite successfully over the years.

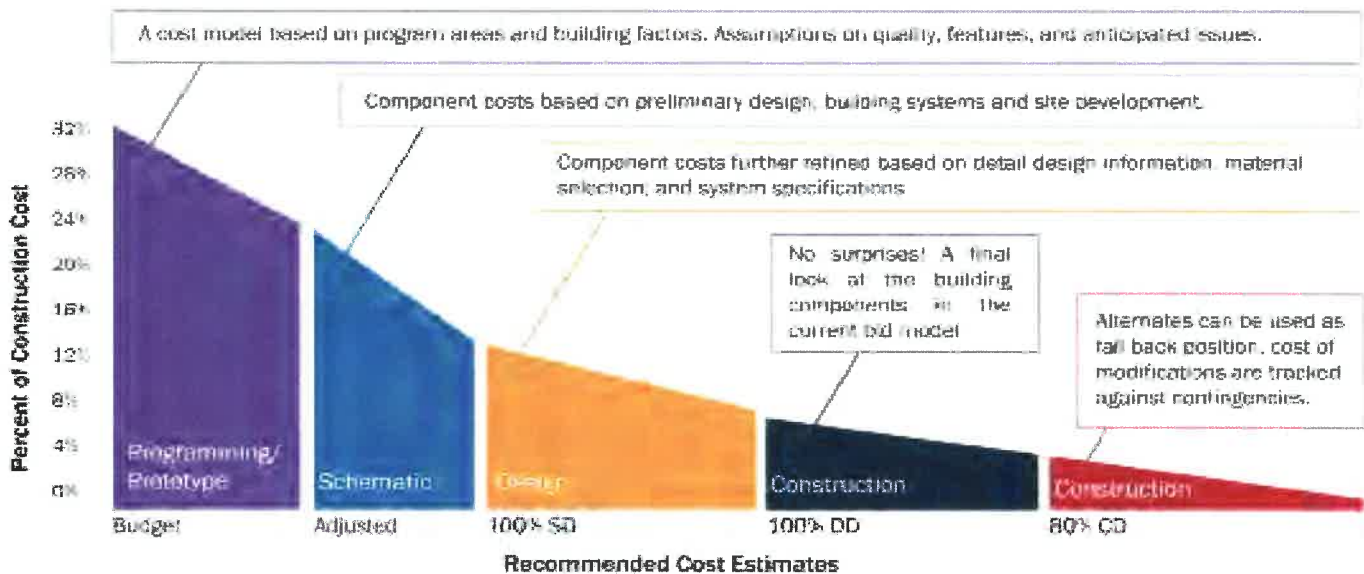
Early in the design process we identify the "stake holders" in the project and build consensus on all relevant issues that will arise as the process unfolds. We understand that in order to for this project to be successful, strong leadership will be required on our part to keep the stake holders focused and able to make timely decisions in order to keep the design moving forward. While the team begins work to program the building spaces and give relevant meaning to space and location of each, intense site analysis will be conducted to properly orient the new building to take advantage of any opportunity to enhance the project. Within weeks, the team will have a program of building spaces that will describe each space by its use and its area in square feet.

Based on this work, we can begin to test our budget by using Order of Magnitude pricing from our vast in-house database of recent local construction costs for buildings of similar types and size. At this time the team will engage in a series of "workshop" style design meetings with all the key stakeholders. The end result will be a schematic plan and conceptual design including narrative descriptions and an outline specification of all the buildings' engineering systems.

CONCEPTION
↓
ACTUALIZATION



DESIGN PHASES COST REDUCTION POTENTIAL



We are confident in our ability to produce drawings early in the project that encourage a meaningful "dialogue" between owner and architect. This dialogue will benefit you, the owner, by saving valuable time and money in the process. As you can see on the graph above, this is the time when changes can have the greatest impact on budget and schedule.

From there, the design team will begin to narrow the focus of tasks performed to finalize the design and details that will form the construction documents. At 80% completion, we will review the drawings with the owner to perform a cost estimate that will guide us into the final stages of document production and onto approvals for construction to begin. At 100% complete drawings, we will be within budget (our guarantee to you) and the bidding and construction process can begin.

We will provide construction period services throughout the duration of the construction to ensure that the work is being completed to meet your needs. Once construction is finalized, we will be at your service to ensure a smooth transition into the new complex. Near the end of the critical first year of occupancy, the design team will conduct a post-occupancy evaluation to monitor the overall success of the designs and confirm warranties on workmanship, etc. before they expire.

PERMITTING/REGULATORY APPROVALS

FEDERAL AND STATE DEPARTMENTS

Zachwieja Workman Architects works regularly with state officials on zoning and approvals in West Virginia. We strive to establish a good relationship at the earliest phases of a project. Zachwieja Workman Architects considers federal, state and local agencies as part of the project team throughout the design and construction phases of the project. Through this approach, we have developed a successful working relationship with the governing agencies and possesses exhaustive knowledge of both building code and licensure requirements. This includes working with the West Virginia State Fire Marshal's Office and the West Virginia Department of Health and Human Resources (DHHR/OHFLAC) and with their respective counterparts in other states.

WORK WITH HUD AND USDA

Our Team has worked successfully with various funding agencies to produce award winning projects for numerous facilities. We were the Architects for the largest single project funded by the WV USDA: a new 25-bed total replacement facility for Boone Memorial Hospital. This \$35 million total financial package was the complete replacement of the existing 50+ year old facility. Re-utilization of the existing structure was examined but, after considering how future technology could adversely be impacted, it was decided to replace. Previously, we completed a \$6.3

million expansion for Summersville Regional Medical Center that was partially financed and funded thru the USDA - RD, an award-winning \$1.7 million expansion with Wetzel County Hospital (USDA) and an AIA award-winning design for the Robert C. Byrd Rural Health Clinic on the West Virginia School of Osteopathic Medicine Campus in Lewisburg, WV (HUD). We understand the specific requirements from these agencies and can successfully combine them into our documents.

ADHERENCE TO ESTABLISHED TIMELINES - SCHEDULE

Zachwieja Workman Architects is acutely aware of the relationship between design and construction project management, facilities personnel, procurement, building users and their agencies, zoning and regulatory agents, and community groups. We believe the key to meeting schedule requirements is to define project milestones clearly, understand the goals of specific tasks, and make a personal commitment to meeting the schedule in terms of manpower allocation and personnel involvement. Each of the team members identified for your project is ready to make that

personal commitment.

LEED/SUSTAINABLE DESIGN

New thoughts on how buildings impact our environment have lead many to seek a more sustainable way of construction. One of the challenges in this new way of thinking is up-front cost. We have introduced many of our clients to high performance building envelopes and systems that are not only energy efficient but aesthetically pleasing. Our team has also presented clients with campus masterplans that utilize stormwater retention ponds and green areas with hiking and biking trails. Dealing in the Healthcare industry, we understand the need for low VOC materials and improved indoor air quality as imperative to our clients and their customer's health.

We work with local suppliers and manufacturers as much as possible to incorporate local products into our designs. Not only does this reduce the fossil fuel cost of the transportation of these materials to the job site but it keeps the local economy strong. Other manufacturers are selected due to their recycling programs, both in the field and in their factories.





Vecellio & Kreps (c.1960)



Kreps & Kreps (c. 1996)



Zachwieja Workman Architects (future)



PROJECT IDEALS: Establishing the Identity of the Project

Every project has a set of overriding ideals that help to drive the vision of the completed building and its site. These may include:

Creating an Iconographic Image

Community Involvement

Technology

Sustainability

Flexibility

Growth and Expansion

Longevity

Award Winning Design

Successful Projects can incorporate a multitude of these ideals in a harmonious way. The key is establishing these goals early in the process and periodically reviewing them throughout the project design. Complex and exciting projects need not be maintenance intensive. Through careful selection of appropriate systems, materials and finishes, the maintenance impact of the project can be minimized.

PENNSYLVANIA ARMY NATIONAL GUARD

Pittsbutgh, 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.

Reference:

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

PENNSYLVANIA ARMY NATIONAL GUARD

New Casatle, 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.

Reference:

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

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

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.

› 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, 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 Depot'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 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.



MARSHALL UNIVERSITY SMITH HALL

Huntington, West Virginia



Recently completed is the complete window and sanitary stack replacement for Smith Hall, Smith Music and Smith Communications. Replacement of the original windows with newer more thermally efficient system involved significant investigation into an appropriate system that could be retrofitted into the existing structure without significant changes to the appearance of the building. Documents were produced on a very tight schedule and the phased project is currently on schedule for a phase I completion this summer and a phase II next year. Adding to the difficulty in of this project is the retrofit for new window system and the need to complete the classroom window replacement and sanitary piping replacement portions of the work in the main tower during the summer when classes are not in session. Photographic renderings of multiple options for window system options allowed the owner to make a quick decision on style and color for the completed glazing system.

Through careful coordination and standardization of design, KZA was able to cut the project duration to just one building shut-down and substantial savings to the owner.



NED CHILTON 911 CENTER

South Charleston, West Virginia

Construction Cost: \$3,800,000

Completion Date: 2005

Size: 13,000SF



This 13,000 square foot facility houses the Ned Chilton 911 Center and the G. Kemp Melton Emergency Operations Center for Kanawha County. It is located on the southern boundary of Charleston, West Virginia, and serves nearly every community in Kanawha County. Along with advanced communications and security systems, the building also features a sub-surface geothermal heating and cooling system that is resistant to terrorist attack and acts of nature.



WEST VIRGINIA SCHOOL OF OSTEOPATHIC MEDICINE

Lewisburg, West Virginia



WVSOM is an institution intimately connected with its community. The site still retains the memory of its military school heritage with an on-campus museum and its sensitivity to the local vernacular design style. Pictured above is the main administration building, which has undergone numerous interior and system renovations over the past 20 years. Below is the Frederic W. Smith Lab which houses gross anatomy, morgue, animal quarters and research laboratories for the medical school. This building was expanded in 2005 to accommodate an increase in class size.

WEST VIRGINIA SCHOOL OF OSTEOPATHIC MEDICINE
Lewisburg, West Virginia



The two buildings pictured, the Robert C. Byrd Clinic and the Center for Clinical Evaluation, enable the community to receive a level of healthcare while allowing the students to gain valuable hands-on experience. The newly completed Center for Clinical Evaluation includes robotic simulation rooms in addition to space for volunteer patients for the students to diagnose.



WEST VIRGINIA SCHOOL OF OSTEOPATHIC MEDICINE

Lewisburg, West Virginia



Keeping up with the latest technology is always a challenge. WVSOM realized that they needed a new state-of-the-art facility where large scale interactive lectures could be conducted utilizing the latest technology available. This facility, the Center for Technology, houses 2-205 seat tiered lecture halls and also serves as the hub for the students, campus data and communications.



KING'S DAUGHTERS MEDICAL CENTER

Ashland, Kentucky



Over the last 15+ years, our team has been involved in numerous projects both on and off the King's Daughters Ashland Campus. The Heart and Vascular Center (HVC), pictured right, is a synthesis of these efforts. Since its completion in 2004, the HVC has become one of the more recognizable buildings in the region and serves as the identity of the Hospital. Currently additional floors are under construction with the remaining 3 (for a total of 10) scheduled to be built in the next 5 years. During construction, all existing areas of the building remain in operation along with adjacent facilities.



KING'S DAUGHTERS MEDICAL CENTER

Ashland, Kentucky



I want this building to look "High-Tech" but feel "High-Touch." That was the challenge behind the design of the new Center for Advanced Imaging. To achieve this unique design, the team looked at what processes were occurring inside the facility and how these could help shape the design. Transparency, slicing and peering are all functions of the modalities housed inside. Exposed structural and mechanical systems are visible as a way of peering inside the skin. Currently built to 2 stories, the images below show the future 5 story building, complete with the "pulled open" offices cantilevered on the front.



ST. MARY'S MEDICAL CENTER

Huntington, West Virginia

Construction Cost: \$100,000,000+ (combined)

Completion Date: On-going since 1956

Projects: Campus Beautification

Main Entrance Canopy and Lobby

Outpatient Surgery Center

New Convent

New Education Center

Hybrid OR/New PACU



In 1960 a project that could be classified as our first major addition to the hospital was completed. The 6-story East Building project began a relationship that has lasted for over 60 years and has led to other work within the Pallotine Mission Healthcare Organization. The hospital once again underwent major construction in the 1970's thru 1990's with a replacement hospital and a new patient bed tower. This changed the face of the hospital and provided them with a new facility to match their state-of-the-art care, which continues to this day. The tower, currently being converted to all private patient rooms, overlooks the river and integrates the healing environment with that of nature. These building still serves their needs of the hospital today. The Outpatient Surgery Center increased cardiovascular services for outpatient and provided the hospital with much needed medical office space. Work continues to expand the facility's service lines with current renovations and new construction including an infill project for a new Hybrid Operating Room.



ST. MARY'S MEDICAL CENTER
Huntington, West Virginia



Recently completed is the New Front Entrance Canopy. Light and airy, this new design allows more daylight to enter into the building while expanding the drive lanes to 3.



THOMAS MEMORIAL HOSPITAL

South Charleston, West Virginia

Construction Cost: \$90,000,000+ (combined)

Completion Date: Ongoing since 1949

Projects: Thomas Medical Office Pavilion

Thomas Clinical Pavilion

Thomas Oncology Center



Our association with Thomas Memorial Hospital began in 1949. Early additions and alterations for Thomas in the 1950's and 1960's by our original founders Vecellio and Kreps have been eclipsed by recent projects by Kreps and Kreps and Kreps and Zachwieja Architects. More recent projects of note include the Medical Pavilion and Clinical Pavilion. These projects are the culmination of several years of planning. Their combined cost of over \$65 million represents the largest investment at their South Charleston Campus in hospital history.



WETZEL COUNTY HOSPITAL

New Martinsville, West Virginia



Construction began in Spring 2009 for the expansion and renovation of the Emergency Department. The existing department was a 4-room unit housed in 1,750 sf. The 2-phase expansion and renovation project increased the number of rooms to 9 private treatment rooms including trauma, cardiac, gynecology, orthopedic/suture, and isolation rooms along with 3 dedicated triage rooms in 6,300 sf of space. Other upgrades include a new walk-up entrance, a separate ambulance dock,

new nurse station and ancillary support spaces, dedicated waiting room and a family room. The project also involved a new heliport and helicopter support building plus other miscellaneous hospital improvements. More importantly, the new design enabled WCH to double their number of E.D. visits in the first year. In late September 2010 WCH was recognized by Amerinet as one of the three national winners of the "Community Impact and Innovation Award" given annually.

BOONE MEMORIAL HOSPITAL

Madison, WV



Zachwieja Workman Architects was selected to be the Architect of Record for the Critical Access replacement hospital. This 78,892sf facility, fully completed in July 2017, was constructed adjacent to the still operational existing hospital. Sequencing the project to ensure continuity of care was a challenge that required numerous carefully coordinated phases. Construction cost were estimated at \$25.3 Million. Highlights include a 25-bed Nursing Unit, Emergency Department, Imaging Department including an MRI and CT scanner, Endoscopy/Operating Department, Physical and Cardiac Therapy, on-site Pharmacy and Lab.



Concept Rendering February 2014



Ground Breaking August 2014



Ribbon Cutting December 2016

The Project was totally funded through the USDA and was the largest award in the history of the State of West Virginia.



DEPARTMENT OF DEFENSE FACILITIES

Various Locations



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 Grantsville, 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



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



03 EXPERIENCE







Your Project

Mark T. Zachwieja, AIA
Principal-in-charge

ARCHITECTURAL TEAM

Vivian A. Workman, AIA
Project Architect

INTERIOR DESIGN

As needed

ENGINEERING TEAM

H.F. Lenz

MARK T. ZACHWIEJA, AIA Principal

Principal and President of Zachwieja Workman Architects/Consultants, Inc. from 1999 to present. During that period Mark aggressively marketed the capabilities of the firm and successfully established relationships with new clients and rekindled some with previous clients. Under Mark's leadership, Kreps and Zachwieja Architects embarked into the most productive years in its 70 year history successfully completing more than \$200 million in construction through the region.

Most notable are the \$90 million Thomas Pavilions completed in late summer 2010 and the \$75 million KDMC Heart and Vascular Center originally completed in 2005 and currently expanding vertically.

Prior to joining Zachwieja Workman Architects, Mark worked for the Internationally renowned Architectural and Engineering firm BSA Life Structures of Indianapolis, Indiana. In his five years there, Mark developed an expertise in Medical Facility Planning and Design. He enjoyed working on several large projects for Charleston Area Medical Center and West Virginia University. In 1994 Mark left BSA and joined Kreps and Kreps Architects. In 1996 Mark was made a partner and in 1999 Mark purchased the firm from Jeffrey Kreps, son of the original founder, William Kreps. Since then, Mark continues the tradition of design excellence and serious project leadership to bring Zachwieja Workman Architects to the forefront in Healthcare Facility Design in the mid-atlantic region of the United States. Today Zachwieja Workman Architects is leading the area using BIM and Revit to develop our most complex projects.

Mark's leadership of our talented team of architects, engineers, and specialty consultants gives our clients the assurance that their project will not only be under budget, but completed on time.



EDUCATION:

B. Arch, Virginia Polytechnic and State University - 1987

REGISTRATIONS:

WV

PROFESSIONAL AFFILIATION:

American Institute of Architects
AIA, West Virginia Chapter

OTHER

Certified by National Council of Architectural Registration Boards





Kings Daughters Medical Center
Ashland, KY

- 2007 Master Facility Plan
- \$50 Million Heart and Vascular Center and Patient Bed Tower
- 20,000 sf Center for Advanced Imaging
- 30,000 sf Outpatient Surgery Center
- 250,000 sf Medical Office Plaza A & B
- 20,000 sf Imaging Center

Thomas Memorial Hospital
South Charleston, WV

- 85,000 SF Medical Office Pavilion
- \$60 Million Clinical Pavilion and Bed Tower totaling 160,000 SF
- 30,000 SF New Emergency Department
- 10,000 SF Digital Imaging Center

Summersville Regional Medical Center
Summersville, WV

- 2006 Master Facility Plan
- New 18 bed Emergency Department
- New Intensive Care Unit
- New Hospital Lab
- Obstetrics Unit Expansion
- New Main Lobby, Gift Shop, and Outpatient Services Department



St. Mary's Hospital
Huntington, WV

- 100,000 SF Outpatient Surgery Center and Medical Office Building
- Hospital Hospitality House
- Radiation Oncology Center

Veterans Administration Medical Center
Beckley, WV

- 120 Bed Nursing Home Care Unit
- (Within the facility is a special 20-bed Psycho geriatric Unit)
- 12 Bed Specialty Clinic

Kanawha Hospice Care, Inc
Charleston, WV

- 24 Bed Inpatient Hospice Facility (This was the first Inpatient Hospice House to be constructed in West Virginia)

St. Francis Hospital
Charleston, WV

- 12,000 SF Center for Pain Relief
- 16 Bed Orthopedic Surgery Unit
- 32 Bed Geriatric Care Unit



VIVIAN A. WORKMAN, AIA, Principal

As a Principal, Vivian is in charge of developing and coordinating various projects to include the Healthcare and Institutional fields from the programming phase through construction documents and contract administration. Her responsibilities include meeting with clients to ascertain verbally and graphically their needs for project coordination, coordinating the design with consultants, and working with the contractor to ensure a quality project. Vivian is involved from the early design phases through the project design development, construction documentation, contract bidding and negotiation, construction administrative services, project close-out and post-occupancy evaluations.



EDUCATION:

M. Arch - University of Tennessee
- 2004

Bachelor of Arts -University of
Pittsburgh - 2000

PROFESSIONAL REGISTRATIONS:

WV, KY

PROFESSIONAL AFFILIATION:

American Institute of Architects

AIA, West Virginia Chapter

Construction Specification

Institute: CDT Certified

OTHER:

Certified by National Council of
Architectural Registration Boards

Sub-Committee for the
Architectural Registration
Examination



A partial listing of projects she has been involved with includes:

Kings Daughters Medical Center Ashland, KY

- 2007 Master Facility Plan
- \$50 Million Heart and Vascular Center and Patient Bed Tower
- 20,000 SF Center for Advanced Imaging
- 250,000 SF Medical Office Plaza A & B
- Pharmacy and Oncology Center

Summersville Memorial Hospital Summersville, WV

- 2006 Master Facility Plan
- New 18 bed Emergency Department
- New Intensive Care Unit
- New Hospital Lab
- Obstetrics Unit Expansion/Renovation

Thomas Memorial Hospital South Charleston, WV

- \$70 Million Clinical Pavilion and Bed Tower totaling 160,000 SF
- 10,000 SF Digital Imaging Center

St. Mary's Medical Center Huntington, WV

- New Entrance Canopy/Campus Beautification
- Nursing Unit Renovations
- Hybrid OR/New PACU

West Virginia School of Osteopathic Medicine Lewisburg, WV

- Center for Clinical Evaluation
- Center for Technology and Rural Medicine
- Admissions Center
- Student Activities Center Expansion

St. Francis Hospital Charleston, WV

- 12,000 SF Center for Pain Relief
- 2 -OR addition to One Day Surgery Center

Boone Memorial Hospital Madison, WV

- \$30 Million Replacement Hospital



THOMAS F. DETER, P.E., LEED AP

Principal in Charge



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.

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*

EDUCATION:

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

EXPERIENCE:

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

PROFESSIONAL REGISTRATION/ CERTIFICATION:

Licensed Professional Engineer in Pennsylvania, Arkansas, Idaho Illinois, Indiana, Maryland, Nebraska, New Jersey, North Carolina, Ohio, Oklahoma, Oregon, South Dakota, Virginia, and West Virginia • LEED Accredited Professional

PROFESSIONAL AFFILIATION:

NSPE/PSPE • U.S. Green Building Council

PROFESSIONAL REFERENCES:

Mr. James A. Coccagna
Letterkenny Army Depot
Department of the Army
Chambersburg, PA 17201-4150
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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

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.

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

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
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Hollsopple, PA 15935-6416
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814-479-3505

- Tara Bosserman
Cambria County Association of the Blind and Handicapped
211 Central Avenue
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814-536-3531
tbosserman@ccabh.com

KEITH A. GINDLESBERGER, P.E., Principal/Civil Engineer

Mr. Gindlesberger 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:

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Tim Kirsch

Senior Director, Capital Projects & Safety

Robert Morris University

412-397-4328

kirsch@rmu.edu

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 Ship Building 1984-1989

PROFESSIONAL REGISTRATION/
CERTIFICATION:

Certified in Plumbing Design, ASPE

PROFESSIONAL REFERENCES:

Terry Pearsall, Jr. FMP
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Pennsylvania Department of Transportation, Facilities Management Division,
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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, 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*

*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*

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 AFFILIATION:

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

PROFESSIONAL REFERENCES:

Terry Pearsall, Jr. FMP
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Pennsylvania Department of Transportation, Facilities Management Division,
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Marty Altschul, PE.
University Engineer
Carnegie Mellon University
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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.

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*



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
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814-865-4731
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Client References

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Contractor References

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BBL Carlton Inc.
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Neighborgall Construction
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Maynard C. Smith Construction Inc.
John Strickland, President
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304.925.3228

Jarrett Construction Company
John Jarrett
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Charleston, WV 25301
304.344.9140

RC General Contractors
Tom Reece
318 Lee St. W Charleston, WV 25302
304.346.7307
TReece@rcgeneral.com



Dear Mark,

I am writing to recommend you and your company for the educational facility project that you indicated you would like to take on. Given the excellent job that you folks did with this facility, I can whole-heartedly recommend your firm to any company that looks to retain your services

Having worked on a variety of professional and personal space renovations throughout my life, I can most assertively state that I have never worked with a group that was more attentive to our needs in designing this academic space. Your effort to understand how each room was to be utilized, and questions regarding the number of people who would be flowing through the room over time were quite refreshing! I particularly valued your attention to detail and attempt to design the space to function well, including maximizing storage for the program. Though we have no windows in the space, visitor continually note how open and airy the space looks—that of course is the result of an excellent eye for designing spaces that not only function well, but are comfortable to “live” in.

In addition, I particularly appreciated that you sought to inform me of any changes where required to be made due to unforeseen circumstances—and of course there are always a few. And, though I did not ask for many changes, you’re willingness to make those changes for us was also greatly appreciated.

So, again, I am most happy to recommend your firm to anyone. Please do not hesitate to give my contact information to anyone who would like to speak to me regarding the wonderful job you all did in designing this space.

Regards,

Penny

Penny G. Kroll, PT, PhD Chair and Professor
School of Physical Therapy

Marshall University

2847 5th Avenue

Huntington, WV 25702

Office Ph: 304-696-56

Fax: 304-696-5614

Email: kroll@marshall.edu



Mark Zachwieja

From: "Jones, Olen" <OJONES@osteo.wvsom.edu>
Sent: November 27, 2012 1:53:02 PM EST
To: zach@kandzarchitects.com
Subject: Letter of recommendation

Dear Mark,

As past president of the West Virginia School of Osteopathic Medicine, I can't say enough good things about the professional staff of Kreps and Zachwieja Architects, Inc.; both professionally and personally.

Our twenty plus year relationship with your architectural firm was vital in the successes we achieved in the growth of our campus and programs. With a humble start from a single building to a nationally recognized program with a campus of over thirteen buildings; the school benefitted greatly from the talents of Kreps and Zachwieja Architects, Inc. for master planning and architectural design. For every assignment we knew we could count on prompt, professional service; on time and within budget.

Therefore, it would be my pleasure to recommend your firm to anyone in need of design services.
Sincerely,

Olen E. Jones Jr., Ph.D.

Past President WV School of Osteopathic Medicine (1987–2009)
OJONES@osteo.wvsom.edu





Facilities Planning and Management

November 27, 2012

To whom it may concern:

During my 20 years with Marshall University, I have had the experience of working with many design firms in the State of West Virginia and the surrounding areas. One of the premier design firms relative to quality of design, owner oriented, and exhibiting professionalism in their performance was Kreps and Zachwieja Architects.

In 2010 they completed design and construction administration for the Smith Hall window replacement including restroom renovations, replacement of plumbing stacks, etc. This project came in under budget and was completed in record time.

Based on this relationship and performance, it is without hesitation that I recommend the firm Kreps and Zachwieja for any future endeavors they may become involved with.

Sincerely,

Ronald J. May
Director
Facilities Planning and Management

RM/jb

WE ARE... MARSHALL

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A State University of West Virginia • An Affirmative Action/Equal Opportunity Employer



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