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2020 MAY -4 AM 9:43

WV PURCHASING  
DIVISION



CEOI ADJ20000000009

# BUCKHANNON READINESS CENTER

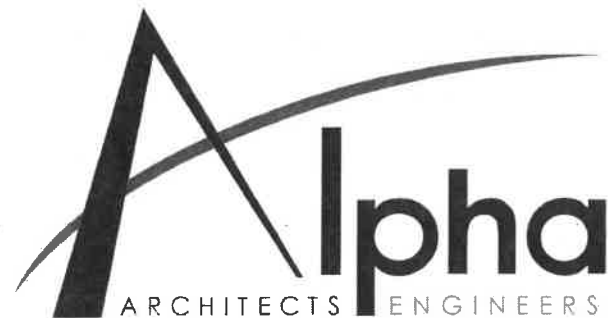
May 5, 2020

## PREPARED BY

*Alpha Associates, Inc.  
209 Prairie Ave.  
Morgantown, WV 26501*

## PRESENTED TO

*Purchasing Division  
2019 Washington St. E  
Charleston, WV 25305*





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: EOI- Buckhannon Phase II Addition

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2020-04-13	2020-04-30 13:30:00	CEOI 0603 ADJ2000000009	1

**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:

Alpha Associates, Inc.  
209 Prairie Ave.  
Morgantown, WV 26501  
304-296-8216

**FOR INFORMATION CONTACT THE BUYER**

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

Signature X

FEIN #

550516286

DATE 5-1-20

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

**West Virginia Ethics Commission**  
**Disclosure of Interested Parties to Contracts**

(Required by W. Va. Code § 6D-1-2)

**Contracting Business Entity:** Alpha Associates, Inc **Address:** 209 Prairie Ave, Morgantown, WV 26501

**Authorized Agent:** Richard A. Colebank **Address:** \_\_\_\_\_

**Contract Number:** CEOI 0603 ADJ200000009 **Contract Description:** Buckhannon Phase II Addition

**Governmental agency awarding contract:** West Virginia Purchasing Division

☐ **Check here if this is a Supplemental Disclosure**

List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below (attach additional pages if necessary):

**1. Subcontractors or other entities performing work or service under the Contract**

☐ Check here if none, otherwise list entity/individual names below.

HF Lenz  
Thomas Deter

**2. Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)**

☐ Check here if none, otherwise list entity/individual names below.

Richard Colebank, President, COO  
Richard Klein, Chairman, CEO

**3. Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)**

☒ Check here if none, otherwise list entity/individual names below.

Signature: [Signature] Date Signed: 5-1-20

**Notary Verification**

State of West Virginia, County of Upshur:

I, Kayla Facemire, the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken, sworn to and subscribed before me this 1st day of May, 2020.

[Signature]  
Notary Public's Signature

**To be completed by State Agency:**

Date Received by State Agency: \_\_\_\_\_

Date submitted to Ethics Commission: \_\_\_\_\_

Governmental agency submitting Disclosure: \_\_\_\_\_



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: Alpha Associates, Inc

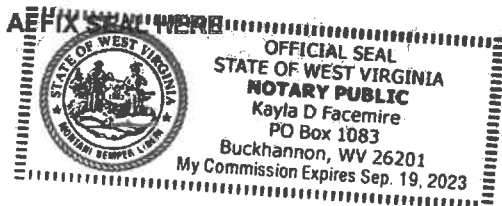
Authorized Signature: [Signature] Date: 5-1-20

State of West Virginia

County of Upshur, to-wit:

Taken, subscribed, and sworn to before me this 1 day of May, 2020.

My Commission expires September 19, 2023.



NOTARY PUBLIC

[Signature]  
Purchasing Affidavit (Revised 01/19/2018)



**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.

Richard A. Colebank, President & COO

(Name, Title)



(Printed Name and Title)

209 Prairie Ave, Morgantown, WV 26501

(Address)

304-296-8216/ 304-296-8245

(Phone Number) / (Fax Number)

rick.colebank@thinkalphafirst.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.

Alpha Associates, Inc

(Company)



(Authorized Signature) (Representative Name, Title)

Richard A. Colebank President & COO

(Printed Name and Title of Authorized Representative)

5-1-20

(Date)

304-296-8216/ 304-296-8245

(Phone Number) (Fax Number)

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

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 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.

Alpha Associates, Inc  
Company

  
Authorized Signature

5-1-20  
Date

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



Department of Administration, Purchasing Division  
2019 Washington St. E.  
Charleston, WV 25305

**RE: CEOI 0603 ADJ20000000009 Buckhannon Phase II Addition**

Dear Ms. Lyle,

**Alpha Associates, Incorporated** team is pleased to submit our qualifications to provide architectural and engineering services for the addition to the Readiness Center in Buckhannon, West Virginia. Along with **HF Lenz**, we have established a **strong team for this important project**. Alpha has a **successful partnership** with HF Lenz that's developed over a decade and has included numerous projects. Alpha's Office in Morgantown is approximately one hour from the site. This allows us to offer the WV National Guard a **cohesive design team for a seamlessly completed project**.

Throughout Alpha's more than **50 years**, Alpha has partnered with **numerous Federal, State, and local governments** to provide architectural and engineering services for projects around West Virginia, **including several projects for the WVARNG**. In addition to our experience with the State, Alpha has completed additional projects of varying types and sizes, including more than 40,000 square feet of addition at the WVU Agricultural Sciences Building which included reroofing, a large 250 seat, multi-tier general purpose lecture lab, 7 research labs, 2 teaching labs, and 12 faculty offices with significant structural, mechanical and electrical modifications.

The Alpha Team will provide **excellent service at affordable costs**. Our dedicated team of professionals will make **YOUR PROJECT A PRIORITY**. If you would like to further discuss this upcoming project, please contact me at (304) 296-8216 ext. 102.

Sincerely,

**ALPHA ASSOCIATES, INCORPORATED**

Richard A. Colebank, PE, PS  
President and COO  
[rick.colebank@thinkalphafirst.com](mailto:rick.colebank@thinkalphafirst.com)

209 Prairie Avenue / Morgantown, WV 26501-5934  
304.296.8216 / 800.640.8216 / 304.296.8216 fax

think  **Alpha** first.com

# WHO WE ARE.

## PROFILE

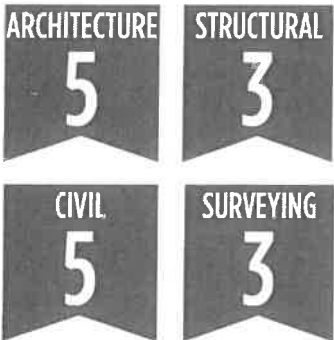
Alpha Associates, Incorporated was established in 1969 and since that time has completed hundreds of projects throughout Morgantown and the state of West Virginia. Alpha's Corporate Office is located in Morgantown with our Eastern Regional Office located in Martinsburg.

Our 22-person professional staff includes Architects, Civil and Structural engineers, surveyors, construction representatives cost estimators, landscape designers, interior designers, and technicians. The personnel that will be dedicated to your project are highly qualified professionals and support staff with the technical expertise to meet and exceed expectations of this project.

## SERVICES

- Architectural Design
- Civil Engineering
- Structural Engineering
- Surveying
- Interior Design
- Landscape Architecture
- Construction Administration

ENGINEERS  
ARCHITECTS  
**22**



## EXPERIENCE

- |                  |                  |
|------------------|------------------|
| MASTER PLANNING  | COMMERCIAL       |
| AIRPORTS         | MUNICIPALITIES   |
| INDUSTRIAL       | STATE GOVERNMENT |
| HIGHER EDUCATION | HIGHWAY          |
| K-12             | BRIDGES          |
| MEDICAL          | FIRE/AMBULANCE   |

## PRINCIPALS

- Richard A. Colebank, PE, PS; President & COO  
Richard W. Klein, PE, PS; Chairman & CEO  
Charles B. Luttrell, PE; Principal  
Charles B. Branch, PE; Principal

## CONTACT

**Location:**  
209 Prairie Ave.  
Morgantown, WV 26501

535 W. King St.  
Martinsburg, WV 25401

**Phone:** 304.296.8216  
**Website:** [www.thinkALPHAfirst](http://www.thinkALPHAfirst)



**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



## 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)

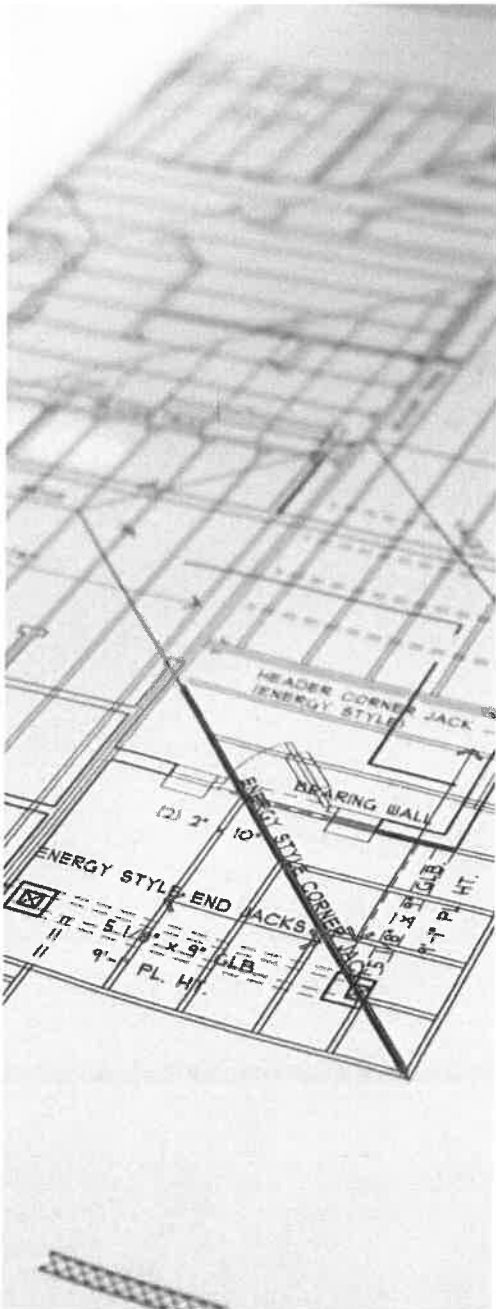
### DOD FACILITIES EXPERIENCE

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.

# QUALIFICATIONS.



Since 1969, Alpha has provided architectural and engineering design services throughout the state of West Virginia. We have worked with many **local, state, and federal government entities** on numerous building renovation projects of **varying sizes and types**. In this proposal, you will find examples that showcase the **Alpha Team's exceptional project experience** on similar type facilities.

Alpha has a successful relationship with Camp Dawson that's developed over a decade and has included more than 8 projects. This successful history allows us to provide the State and the West Virginia Army National Guard with a cohesive team on this project. Alpha has the knowledge and understanding in design and construction to complete this project seamlessly from the initial project inspections to the development of plans. The Alpha team will be your expert for this project.

Alpha's philosophy has always been to provide **exemplary services for fair fees**. We have always believed that the best way to succeed as a business is to **go above and beyond** the basic requirements of our contracts and do everything necessary to **successfully complete the given project**. What is **best for the client is inevitably best for us** too.

Everyone at Alpha, from the President to the administrative staff, all **work towards the goal of completing successful projects**. Our principals are **involved with projects** from the earliest stages right through final completion and beyond.

They will **consistently update you** on your project by using effective communication tools to manage the projects and all the involved parties. Our **skilled staff** of twenty two (22) architects, engineers, surveyors and administrative personnel all **work diligently** towards producing the drawings and specifications that will **deliver our clients successful projects, completed on time and within budget**.

Alpha has **thrived for 51 years** because we are a **professional organization dedicated to providing superior architectural and engineering design services to our clients**. While our staff is large enough to handle any size project, we are also small enough to give each and every one of our projects the **individual attention to detail** that will make them **successful projects** for our clients.

# PROJECT

## UNDERSTANDING

---

The West Virginia Army National Guard is looking for a Firm to provide **Design Services** to develop construction documents for an **Addition the the Buckhannon Readiness Center.**

This project will consist of two phases. Phase 1 will be the partial design (35%) of the project. This will allow the agency to provide the necessary information for additional funding.

Key elements for this phase will include: **permanent masonry building of a assembly hall, classrooms, learning center, kitchen, toilets and showers, office space and administrative and general purpose areas. All mechanical and electrical systems will be included. Additionally, supporting assets will consist of paved roads, concrete pads, concrete sidewalks and parking.**

Alpha Associates, Inc. has over **50 years of experience in the government and military sector**, and we fully understand the importance of these types of projects. Alpha has worked on **number projects with the WVARNG**, including projects at Camp Dawson, and at the Parkersburg Armory.



# PROJECT GOALS.

## GOAL/ OBJECTIVE 1

**Alpha Associates, Inc** will complete a partial design of 35% for Phase 1 of this project. This will provide the agency to with a high-level overview of the project and secure additional funding as required. Key elements for this design will included permanent masonry building that will consist of an assembly hall, classrooms, learning center, kitchen, toilets and showers, office space and administrative and general purpose areas. All electrical and mechanical systems will also be included as well as paved roads, concrete pads, sidewalks and parking.

## GOAL/ OBJECTIVE 2

**HF Lenz** will provide all work to include any necessary drill borings as well as all necessary research and investigation of the location of existing underground and above ground utilities.

**HF Lenz** will also provide drawings and specifications of any and all utility and road infrastructure as needed and directed by the owner and/or state agency, utility company or other utility approval authority for Buckhannon, West Virginia.

## GOAL/ OBJECTIVE 3

If Phase 1 is successful of Federal Funding and approval, Phase 2 would involve the **Alpha Team** to complete the following:

## GOAL/ OBJECTIVE 3.1

**The Alpha Team** will complete the remainder of the Project design with Owner approvals required at 65%, 95% and 100% of construction bid drawing and specification completion. These plans will meet all building and military codes and regulations. Key design elements include but are not limited to; a permanent masonry building consisting of an assembly hall, classrooms, learning center, kitchen, toilets and showers, office space and administrative and general purpose areas. All electrical and mechanical systems will be provided within the design to support the facility. Supporting assets will consist of paved roads, concrete pads, concrete sidewalks and vehicle parking. Physical Security measures will be considered during the design to assure proper standoff distances. Cost effective energy conserving features will also be incorporated within the design.

## GOAL/ OBJECTIVE 3.2 & 3.3

After the Approval of drawings, Alpha Associates in-house Construction Administration will assist the Agency in the competitive bidding process for construction as needed. These services will include responses to questions and answers, design/specification modifications, and addenda preparation as well as all necessary services during construction.

## GOAL/ OBJECTIVE 4

Alpha's Pricing for both Phases will be established in the contract. Alpha will also hold design pricing for Phase 2 firm for at least 2 calendar years after contract award while the Agency attempts to secure additional Federal funding for Phase 2, and assuming that funding is obtained, must be willing to hold pricing for bid assistance and construction administration firm for 2 calendar years plus the amount of time necessary to complete those activities after the award of a contract.





# SCHEDULE & BUDGET

Alpha Associates, Incorporated has an excellent track record of producing projects on time and within the Owner's budget. Many A/E firms can claim the same successes, but the determining factor is the tools the firms utilize to achieve the budgets, both in regard to funds and time. Alpha utilizes a number of tools, both traditional and modern to exceed our clients' expectations.

A project schedule is a dynamic, ever changing entity. Your project schedule depends on many factors including:

- Preferred construction method
- Changes to project scope
- Unique construction elements

Successful project management depends upon consensus regarding work efforts, milestones and goals. The team has found that the development of detailed work plans, which delineate tasks and deliverables for each project phase, in concert with the client and full project team, is the most effective means of establishing expectations about efforts required by the respective disciplines. In addition to guiding the efforts of the design team, the work plan sets forth specific time frames and decision points for Owner and user reviews, comments and approvals.

Developing an overall project schedule is a critical task that must take into account many factors: building type, owner's desire for occupancy, scope of work and level of documentation, whether contract(s) is bid or negotiated, available fee, and prior experiences on similar projects. Characteristic of the client, its organization, or the involvement of a construction manager and his responsibility for document review must also be considered.

This starts with a kick-off meeting which establishes ground rules, responsibilities, and line of communication. We have found that a team visioning session is a great way to get everyone started off on the right track. Determining a project schedule is a task that must be done with all parties involved in the process. Once the design process begins, a very detailed, realistic project schedule can be developed and communicated to all involved.

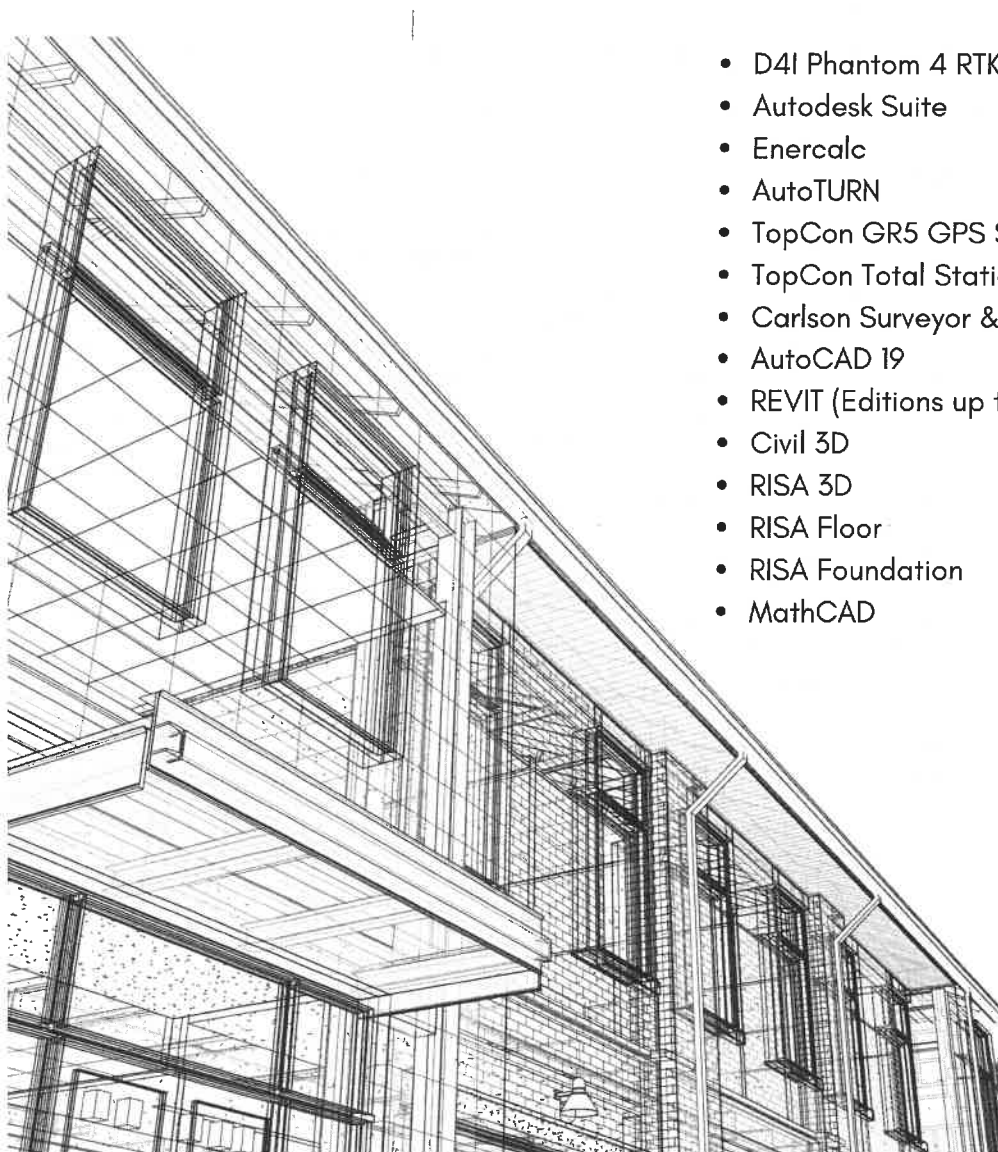
In a world where "time is money", the schedule of a project is almost as important as controlling the cost. Alpha also works diligently to control the budget of a project. The best way to control the cost of a project is to avoid the "scope creep" that can occur. Alpha's in house cost estimators, combined with an excellent relationship with contractors throughout the area, will provide the WVARNG with the most accurate estimates of probable construction cost.

# CAPACITY & SOFTWARE

Alpha Associates, Incorporated is prepared to commit staff resources to the Buckhannon Readiness Center Project. Alpha has the qualified and experienced personnel, administrative support, along with the production equipment and resources to ensure the successful completion of this project. We are confident in our ability to provide the WVARNG with a committed and dependable design team. Our multidisciplinary design team is prepared to meet and exceed the expectations of the State by committing any resources necessary to meet the project schedule.

The project team incorporates the latest computer and software capabilities required to complete the working drawings and specifications for this project. Our cost accounting system is top-of-the-line and we have the ability to differentiate fees according to task. We have secure e-mail and internet capability to allow efficient transfer of information between Alpha and the client. We currently have the latest editions of the following software:

- D4I Phantom 4 RTK Drone
- Autodesk Suite
- Enercalc
- AutoTURN
- TopCon GR5 GPS System
- TopCon Total Station with Reflectorless Capabilities
- Carlson Surveyor & Data Collector
- AutoCAD 19
- REVIT (Editions up to 2020)
- Civil 3D
- RISA 3D
- RISA Floor
- RISA Foundation
- MathCAD





**RICHARD COLEBANK, PRESIDENT & COO**  
**PROJECT MANAGER**

**REBECCA KEY, AIA, LEED-AP**  
**PROJECT ARCHITECT**

**CHARLES LUTTRELL, PE**  
**STRUCTURAL ENGINEER**

**CHUCK BRANCH, PE**  
**CIVIL ENGINEER**

**THOMAS DETER, PE, LEED-AP**  
**MEP ENGINEER**

## KEY PERSONNEL

All work to be performed for the WVARNG will be managed out of Alpha's Morgantown office. In addition to your dedicated Project Team, Alpha's staff of 22 includes engineers, architects, architectural designers, interior designers, landscape designers, technicians, and support staff that are available to assist with any potential project need.

# MEET ALPHA'S TEAM.

## MANAGERS

Richard W. Klein  
PE, PS  
Chairman & CEO

Richard A. Colebank  
PE, PS  
President & COO

## ARCHITECTURE

Rebecca Key  
AIA-LEEP-AP  
Director of Architecture

Casey Smith  
AIA Assoc.  
Architectural Designer

Todd Lewis  
AIA Assoc.  
Architectural Technician

Gabrielle Dixon  
Architectural  
Technician

Alex Haill  
Construction  
Administration

## CIVIL ENGINEERING

Charles Branch  
PE; Principal  
Senior Civil Engineer

Bradley Casdorff  
PE, PS  
Civil Engineer

Tom Simpson  
PE  
Civil Engineer

David Costello Jr.  
PS  
Manager of Surveying

Julie Frazee  
Engineering Technician

Kevin McCung  
Engineering Technician

Barbara Kerns  
Survey Crew

Tyler Collins  
Survey Crew

## STRUCTURAL ENGINEERING

Charles Luttrell  
PE, Principal  
Senior Structural Engineer

Matthew Echard  
PE  
Associate Structural Engineer

Cody James  
Engineering Technician

## OFFICE ADMINISTRATION

Heather Fox  
Business Manager

Kayla Facemire  
Marketing Coordinator

Kim Coomler  
Administrative Assistant

## MECHANICAL, ELECTRICAL, PLUMBING

Thomas Deter  
PE, LEED-AP  
Mechanical Engineer

John Stewart  
PE, LEED AP  
Mechanical Engineer

Brian D. Schmidt  
PE  
Electrical Engineer

Gregory Rummel  
CPD  
Plumbing/Fire Protection Designer



# RICHARD A. COLEBANK

PE,PS; PRESIDENT & COO

☎ 304-296-8216 | 800-640-8216

✉ rick.colebank@thinkalphafirst.com

## EMPLOYMENT HISTORY

1985-Current | Alpha Associates, Inc.

1983-1985 | Charles Townes & Associates, P.C.

1983 | US Army Corps of Engineers

## EDUCATION

West Virginia University  
Masters of Business Administration; 1999  
Bachelor- Civil Engineering; 1982

## QUALIFICATIONS

License: Professional Engineer: West Virginia, Maryland, Pennsylvania, Virginia

Professional Surveyor: West Virginia

Certified Private Pilot

## AFFILIATIONS

Former NSPE/PEPP Governor of WV

American Red Cross- State Board

University High School Foundation; Charter Member; President

Morgantown Area Chamber of Commerce; Past Chairman

WVU College of Civil and Environmental Engineering Visiting Committee

WVU College of Business and Economics MBA Advisory Committee

## SUMMARY

Mr. Colebank is President and Chief Operating Officer at Alpha. He has been with Alpha Associates, Inc. since 1985. He began his career with Alpha as a staff engineer and progressed through the ranks from Project Manager to his current position. Mr. Colebank has worked with diverse clients such as WVU, City of Morgantown, WVDOH, WVU Foundation, and the Morgantown Municipal Airport, as well as numerous other public and private clients. Since 1988, Mr. Colebank has been the Principal-In-Charge of the Civil Engineering projects developed by Alpha. In his current capacity, Mr. Colebank provides financial and administrative guidance for the day to day operations of the company while continuing to manage projects.

## PROFILE

Board-based responsibilities in the following areas:

- Project Management
- Business Operations and Financial Management
- Quality Assurance/Quality Control
- Civil Engineering Project Management and Design
- New Business Development
- Expert Testimony and Investigation

## PROFESSIONAL HIGHLIGHTS

Project Principal:

- Morgantown Municipal Airport Access Road; Morgantown, WV
- Mon General Access Road; Morgantown, WV
- WVU Reedsville Farm Redevelopment; Reedsville, WV
- Monongalia General Hospital Access Road; Morgantown, WV
- Morgantown Municipal Airport Access Road; Morgantown, WV
- Clarksburg State Office Building; Clarksburg, WV
- College of Physical Activity & Sports Science; Morgantown, WV
- WVDOH Open End Engineering Contract; WV
- WVDOH Deckers Creek Pedestrian Bridge; Morgantown, WV
- WVDOH Deckers Creek
- Clarksburg State Office Building; Clarksburg, WV
- Jane Lew Truck Stop; Jane Lew, WV
- Grant County Bank Addition & Renovation; Petersburg, WV
- South Berkeley Fire Station; Inwood, WV
- Queen Street Underpass; Martinsburg, WV



# RICHARD W. KLEIN

PE,PS; CHAIRMAN & CEO

☎ 304-264-0051 | 877-264-0051

✉ richard.klein@thinkalphafirst.com

## EMPLOYMENT HISTORY

1995-Current | Alpha Associates, Inc.

1974-1995 Kelley, Gidley, Blair and Wolfe, Inc.

## EDUCATION

University of Charleston

Masters of Business Administration; 1987

West Virginia Institute of Technology  
Bachelor of Science- Civil Engineering;  
1973

## QUALIFICATIONS

License: Professional Engineer: West Virginia, Maryland, South Carolina

Professional Surveyor: West Virginia

## AFFILIATIONS

WV Society of Professional Engineers  
National Society of Professional Engineers  
American Society of Civil Engineers  
American Water Works Association  
Water Pollution Control Federation  
Main Street Martinsburg; Member  
Shepherdstown Rotary Club  
WVU Medicine, University Healthcare  
Foundation Executive Board  
For the Kids George Children's Museum

## SUMMARY

Mr. Klein, in addition to Chairman & CEO, serves as Regional Manager and Civil Engineer of our Martinsburg pffoce. He has more than 43 years of experience in Civil Engineering Design, Construction Phase Services, Project Management and Operations Management. During the past 29 years, Mr. Klein worked on numerous projects in the Eastern Panhandle serving districts in Berkeley, Jefferson, and Morgan counties; industries such as Winchester and Western Railroad, Halltown Paperboard, Millville Quarry, ESSROC and major developments including Liberty Business Park, Coast Guard Operations Systems Center and the Eastern Management Development Center.

## PROFILE

Board-based responsibilities in the following areas:

- Municipal Engineering
- Site Planning
- Storm Water Management
- Water Distribution Systems
- Waste Water Collection and Treatment
- New Business Development

## PROFESSIONAL HIGHLIGHTS

Civil Engineering Projects:

- Shepherd University Pedestrian Underpass; Shepherdstown, WV
- Washington High School; CharlesTown, WV
- Harpers Ferry/Bolivar WWTP Design Improvements
- Bradstone-SHenandoah Casting Plant Site Plan
- TB&H Ready-Mix Concrete Plant Site Design
- The Woods Home Owners Association Water System Analysis
- Shepherd College Interceptor Sewer; Shepherdstown, WV
- Martinsburg Roundhouse Site Design; Martinsburg, WV
- Cumberland Valley Railroad Department; Martinsburg, WV
- Halltown Paperboard Company, Wastewater Treatment Plant
- Corp. of Sheperdstown, Renovation of Main Sweage Pump Station
- Martinsburg Little League Fields; Martinsburg, WV
- Berkeley Co. Court House, Parking Lots and Guard House
- Swift Transportation Truck Depot Site Plan
- Eastern Management Development Center; Shepherstown, WV
- Berkeley Springs Water System Improvements Phase 1, 2, and 3
- Rt. 522 Southm Water and Sewer System Extensions; Morgan County
- Colonial Hills Subdivision; Jefferson County, WV
- Quail Ridge Subdivision; Berkeley County, WV



# CHARLES B. BRANCH

## PE; PRINCIPAL & CIVIL ENGINEER

☎ 304-296-8216 | 800-640-8216

✉ chuck.branch@thinkalphafirst.com

### EMPLOYMENT HISTORY

1992-Current | Alpha Associates, Inc.

1988-1992 | Reimer, Muegge, & Associates, Inc.

### EDUCATION

West Virginia University  
Bachelor- Civil Engineering; 2000

Fairmont State College  
Bachelor- Architectural Engineering  
Technology; 1988

### QUALIFICATIONS

License: Professional Engineer;  
West Virginia

### AFFILIATIONS

WV Society of Professional Engineers  
National Society of Professional Engineers

### SUMMARY

As Chief Engineer for site development and planning projects, Mr. Branch us a vital part of the design process at Alpha. His involvement spans from strictly civil engineering projects, to the design of large scale educational projects and medical facilities. Mr. Branch acts as peer review for young engineers in the firm on issues ranging from storm water management to site design. Mr. Branch is also involved in commercial and residential development design, roadway and bridge design and utilities layout.

### PROFILE

Board-based responsibilities in the following areas:

- Highway Design
- Municipal Engineering
- Wastewater Collection
- Storm Sewer System Design
- Storm Water Management
- Site Engineering
- Project Management

### PROFESSIONAL HIGHLIGHTS

Civil Engineer/Project Manager:

- Jane Lew Truck Stop; Jane Lew, WV
- Clarksburg State Office Building; Clarksburg, WV
- WVU Reedsville Farm Redevelopment; Morgantown, WV
- Freedom Automotive Group Dealerships; Morgantown, WV
- Freedom Kia; Clarksburg, WV
- WVU Parking Lot 81 Renovations; Morgantown, WV
- WVU Doll's Run Burn Room; Morgantown, WV
- WVU Alumni Center Parking Lot; Morgantown, WV
- WVU Alumni Center Storm Water Management; Morgantown, WV
- WVU Evansdale Redevelopment; Morgantown, WV
- WVU Health Sciences Center Eastern Division; Martinsburg, WV
- Blackshere Bridge; Mannington, WV
- WVDOH I-77 Welcome Center; Williamstown, WV
- WV Medal of Honor Recipients Plaza; Hazleton, WV
- Lewis County High School Bridge; Weston, WV
- Wyoming County Route 10 Relocation; Wyoming County, WV
- Fairmont Federal Credit Union; Bridgeport, WV



# CHARLES B. LUTTRELL

## PE; PRINCIPAL & STRUCTURAL ENGINEER

☎ 304-296-8216 | 800-640-8216

✉ charlie.luttrell@thinkalphafirst.com

### EMPLOYMENT HISTORY

1996-Current | Alpha Associates, Inc.

1995-1996 | Larry D. Luttrell, PE, PhD

1991-1994 | West Virginia University

1990-1991 | WVU Constructed Facilities Center

### EDUCATION

West Virginia University

Masters- Structural Engineering; 1995

Bachelor- Civil Engineering; 1993

### QUALIFICATIONS

License: Professional Engineer: West Virginia,  
Pennsylvania

### AFFILIATIONS

WV Society of Professional Engineers

National Society of Professional Engineers

Chi Epsilon; Member

American Concrete Institute; Member

### RESEARCH EXPERIENCE

Cold Formed Steel Deck Research

Fastener Failures

Edge Conditions/Failures

Buttressed Overlap Shear Failures

Composite Cold Formed Steel and  
Concrete Deck

Line Load Behavior/Failures

Concentrated Load Behavior/Failures

Web Crippling

Punch Failures

### SUMMARY

Mr. Luttrell has worked with Alpha Associates, Inc. since 1996. He is the chief structural engineer on all projects at Alpha. Before coming to Alpha, Mr. Luttrell's graduate work resulted in several contributions to the cold-formed steel deck industry. His new method of analysis for non-uniform loads on composite concrete and cold formed steel decks has made a permanent part of the Steel Deck Institute's design manual. Mr. Luttrell also worked on projects that involved pre-stressed timber bridge research with WVU Constructed Facilities Center. Since coming to Alpha, Mr. Luttrell has had significant involvement in the effort to begin utilizing modern composite materials in practical bridge applications.

### PROFILE

Borad-based responsibilities in the following areas:

Project Management

Business Operations and Financial Management

Quality Assurance/Quality Control

Civil Engineering Project Management and Design

New Business Development

Expert Testimony and Investigation

### PROFESSIONAL HIGHLIGHTS

Structural Engineer:

Freedom Automotive Group 3 Dealerships; Morgantown, WV

Hazel Ruby McQuain Equine Education & Resource Center; WVU

WVDOH Arnettsville Replacement Bridge; Morgantown, WV

Clarksburg State Office Building; Morgantown, WV

Grant County Bank Addition & Renovation; Petersburg, WV

South Berkeley Fire Station; Inwood, WV

Alumni Center Structural Framing and Foundation; WVU

Engineering Science Building, East Wing Addition; WVU

Hazel Ruby McQuain Amphitheater Roof; Morgantown, WV

West Buckeye Bridge; Core, WV

Washington High School; Charles Town, WV

WVU Coliseum Structural Inspection; Morgantown, WV

WVU Coliseum Scoreboard Hoist Project; Morgantown, WV

Alderson Broaddus College, Rex Pyles Arena Deck; Phillipi, WV

Mountaineer Middle School Renovation; Morgantown, WV

Salem International Building Inspections; Salem, WV

Monongalia County Sheriff's Building; Morgantown, WV

South High Street Bridge; Morgantown, WV

Ices Ferry Bridge; Morgantown, WV



## ALPHA ASSOCIATES, INCORPORATED



# REBECCA KEY

## AIA, LEED-AP; DIRECTOR OF ARCHITECTURE

☎ 304-296-8216 | 800-640-8216

✉ rebecca.key@thinkalphafirst.com

### EMPLOYMENT HISTORY

2000-Current | Alpha Associates, Inc.

1983-1999 | Alexander Key and Associates

1978-1983 | Webster Clothes;  
Director of Store Planning

### EDUCATION

University of Maryland  
Bachelor of Architecture; 1977

Maryland Institute College of Art  
Coursework in Furniture Design; 1986-1987

### QUALIFICATIONS

License: Registered Architect: West  
Virginia, Maryland, Washington DC, New York,  
Virginia, Pennsylvania

NCIDQ Certified (Interior Design)

Leadership in Energy and Environmental  
Design Accredited Professional

Meet Standards of Secretary of the  
Interior for Historic Architecture

### AFFILIATIONS

American Institute of Architects

West Virginia Society of Architects

Fairmont, WV ICC Board of Appeal;  
Board Member

U.S. Green Building Council

AIA Liveable Communities

Marion County Chamber of Commerce

Leadership Kanawha Valley  
Class of 2014

### SUMMARY

Ms. Key has worked in the architectural field for over 35 years. She serves as Project Architect/Project Manager for numerous architectural designs at Alpha Associates, Inc. Ms. Key is involved from the programmatic stages and schematic designs all the way through construction documents to construction administration. Having been with Alpha since 2000, Ms. Key has provided design services on numerous projects that have contributed to the ever-growing skyline of Morgantown, Charleston, Bridgeport, and other areas around the state.

### PROFILE

Broad-based responsibilities in the following areas:

- Architertural Design
- Interior Design and Space Planning
- Feasibility Studies
- Water Infiltration Analysis
- Historic Renovation
- Project Management

### PROFESSIONAL HIGHLIGHTS

#### Education:

- Ridgedale Elementary; Morgantown, WV
- Mountaineer Middle School; Morgantown, WV
- Pineville Elementary; Pineville, WV
- Huff Consolidated School; Hanover, WV

#### Historic Renovations:

- Cass Scenic Railroad- Clubhouse Renovation; Cass, WV
- Berkeley Springs Bathhouse; Berkeley Springs, WV
- Hawks Nest State Park Picnic Pavillion; Arnstead, WV
- Hawks Nest State Park CCC Museum; Arnstead, WV

#### Recreation:

- Ruby McQuain Amphitheater; Morgantown, WV
- North Fork Hughes Rover State Park; Ritchie County, WV

#### Dormitory and Multi-Family

- Fairmont State University Prichard Hall Renovation; Fairmont, WV
- WVU Boreman Hall; Morgantown, WV
- Augusta Apartment Building; Morgantown, WV
- Grand Central Apartment

#### Municipal & State Government

- WV State Office Building; Clarksburg, WV
- Mon County Family Court Renovation; Morgantown, WV
- Mon County Sheriff's Department; Morgantown, WV
- White Hall Municipal Building; White Hall, WV
- WV State Office Building; Parkersburg, WV

## ALPHA ASSOCIATES, INCORPORATED



# BRADLEY CASDORPH

PE, PS; CIVIL ENGINEER

☎ 304-296-8216 | 800-640-8216

✉ brad.casdorph@thinkalphafirst.com

## EMPLOYMENT HISTORY

2004-Current | Alpha Associates, Inc.

1979-2004 | Triad Engineering, Incorporated

## EDUCATION

West Virginia University  
Masters - Soil Conditions & Foundation  
Design; 1982  
Bachelor - Civil Engineering; 1979

## QUALIFICATIONS

License: Professional Engineer: West Virginia  
Professional Surveyor: West Virginia  
Certified Private Pilot

## AFFILIATIONS

WV Society of Professional Engineers  
National Society of Professional Engineers  
WVSPS- Mountain Region Chapter  
Aircraft Owners and Pilots Association

## SUMMARY

Mr. Casdorph joined the Alpha Associates, Incorporated team in 2004 and currently works as a project engineer in the Morgantown office. He has 37 years of professional experience with roadway design, storm sewer design, airport airside renovation and design, storm water management including conveyance and detention, environmental permitting, project administration supervision and inspection, as well as boundary and construction surveying.

## PROFILE

Broad-based responsibilities in the following areas:

- Airport Planning and Design
- Highway Design
- Hydraulic and Hydrology Studies
- Site Plan Development
- Land Surveying

## PROFESSIONAL HIGHLIGHTS

### Civil Engineering:

- WVDOH Arnettsville Bridge Replacement; Monongalia County, WV
- WVDOH Open Engineering Open End Contract; WV
- WVDOH Deckers Creek Pedestrian Bridge; Morgantown, WV
- Freedom Automotive Three Dealerships; Morgantown, WV
- Freedom Kia Clarksburg; Clarksburg, WV
- Morgantown Municipal Airport Access Road; Morgantown, WV
- Mon General Hospital Access Road; Morgantown, WV
- WVU - Lot 81 Parking Area Improvements; Morgantown, WV
- McKee Crossing - 120 Acre Subdivision; Martinsburg, WV
- Morgantown Municipal Airport Access Road; Morgantown, WV
- WVU Reedsville Farm Redevelopment; Reedsville, WV
- Mon General Hospital - East Parking Area; Morgantown, WV
- Jane Lew Truck Stop; Jane Lew, WV
- Point Marion Borough; Point Marion, PA
- Clarksburg State Office Building; Clarksburg, WV
- WVU College of Physical Activity & Sports Sciences; Morgantown, WV

### Surveying:

- WVDOH Arnettsville Bridge Replacement; Monongalia County, WV
- Morgantown Municipal Airport Access Road; Morgantown, WV
- Mon General Hospital Access Roadway; Morgantown, WV
- Freedom Automotive Three Dealerships; Morgantown, WV
- Freedom Kia Clarksburg; Clarksburg, WV

## ALPHA ASSOCIATES, INCORPORATED



# MATTHEW T. ECHARD

## PE; STRUCTURAL ENGINEER & ASSOCIATE

☎ 304-296-8216 | 800-640-8216

✉ matthew.echard@thinkalphafirst.com

### EMPLOYMENT HISTORY

2016-Current | Alpha Associates, Inc.  
 2010-2015 | Echard ingenieurBuro  
 2006-2009 | Buro Happold Consulting Engineers  
 2003-2006 | RISA Technologies, Inc.  
 2000-2003 | Zalastani Associates, Inc.

### EDUCATION

Massachusetts Institute of Technology  
 Masters- Engineering & Environmental  
 Mechanics, 2002

West Virginia University  
 Bachelors of Science- Civil Engineering,  
 2000

### QUALIFICATIONS

License: Professional Engineer:  
 West Virginia, California

California OES SAP Evaluator

### AFFILIATIONS

American Concrete Institute (ACI)  
 American Institute of Steel Construction (AISC)  
 American Society of Civil Engineers (ASCE)  
 American Wood Council (AWC)

### PUBLICATIONS

Echard, M. and Tonis, D. Convergent Design  
 Methodology for Bio-Science Labs:  
 Architectonic and Performative Structural  
 Considerations Using the Geilinger Composite  
 Column Solution. Proceedings of ICSA2010-  
 First International Conference on Structures  
 and Architecture Guimaraes, Portugal, July  
 2010, Taylor & Francis.

Echard, M. Structural Analysis and Design  
 Within a BIM Framework. EASEC 10- East Asia  
 Structural Conference, Bangkok, Thailand,  
 August 2006.

### SUMMARY

Mr. Echard joined Alpha Associates, Inc. in early 2016 with a strong belief that his clients deserve intelligent, performance-based and value-oriented solutions. Drawing on experience working across in the United States, Europe, and the Middle-East, Mr. Echard returned to West Virginia to provide world-class service in a historically underserved region while making positive contributions to the future growth of his home state. Mr. Echard places a large value on the collaborative work process, believing that a building's form and function are derived from many contexts, Mr. Echard's office is located in the corporate office in Morgantown, WV.

### PROFILE

Borad-based responsibilities in the following areas:

Structural Engineering  
 Structural Forensics  
 Project Management

### PROFESSIONAL HIGHLIGHTS

Project Manager & Structural Engineer:

Westover Goodwill Structural Design; Morgantown, WV  
 Weyerhaeuser Roof Evaluation; Heaters, WV  
 Los Mariachis UTC; Morgantown, WV  
 WVU Creative Arts Center Performance Access; Morgantown, WV  
 WVU Mountain Lair Grid Iron Assessment; Morgantown, WV



# CASEY SMITH

## AIA ASSOC.; ARCHITECTURAL DESIGNER

☎ 304-296-8216 | 800-640-8216

✉ casey.smith@thinkalphafirst.com

### EMPLOYMENT HISTORY

2016-Current | Alpha Associates, Inc.

2014-2016 | MSES Architects

2011-2014 | Blackwood Associates

2007-2009 | Vandalia Heritage Foundation

### EDUCATION

Boston Architectural College  
Master of Architecture

Fairmont State University  
Bachelor- Architecture  
2009

### SUMMARY

Mr. Smith has been employed with Alpha Associates, Inc since 2016. He has worked on several architectural projects including multi-million dollar projects and public sector clients. Mr. Smith came to Alpha with an impressive background in educational, commercial, and local government facilities. He has offered assistance in project management, using his background to further improve the quality of each project he is involved with. Mr. Smith has been an incredible asset to Alpha Associates and proves to be an asset in each of his projects.

### PROFILE

Board-based responsibilities in the following areas:

- Architectural/Structural Construction Drawings
- Construction Administration
- Project Management Assistance

### PROFESSIONAL HIGHLIGHTS

Construction Administration Projects:

- Cacapon State Park Lodge Renovation
- Los Mariachis New Restuarant; Morgantown, WV
- Freedom Ford Automotive Dealerships; Granville, WV
- Elkins Fordland; Elkins, WV
- Federal Group GSA VA Tenant Improvement Project
- Point Marion ADA Deck; Point Marion, PA
- Los Mariachi Renovation; Morgantown, WV
- WVU Hazel Ruby McQuain Education & Resource Center; Reedsville, WV



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

*Mechanical Engineer*

Mr. Stewart has over 35 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.

### 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

### PROJECT EXPERIENCE

Camp Dawson, U.S. Army National Guard, Kingwood, West Virginia

- › Three new billeting facilities

West Virginia University Heart Institute, Building 600 Suncrest Towne Centre, Morgantown, West Virginia

- › Design/build 30,000 sq.ft. medical office building
- › Tenant fit-up of 15,000 sq.ft. for the WVU Heart Institute
- › Remaining 15,000 sq.ft. of the building consists of medical office space

Lincoln University, Chester County, Pennsylvania

- › New 150,000 sq.ft. Health and Wellness Center with clinics, fitness areas, indoor track, conference rooms, lounges, classrooms, offices and dining area

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 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



## 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



## 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

### PROJECT EXPERIENCE

#### Camp Dawson, U.S. Army National Guard, Kingwood, West Virginia

- › Three new billeting facilities

#### West Virginia University Heart Institute, Building 600 Suncrest Towne Centre, Morgantown, West Virginia

- › Design/build 30,000 sq.ft. medical office building
- › Tenant fit-up of 15,000 sq.ft. for the WVU Heart Institute
- › Remaining 15,000 sq.ft. of the building consists of medical office space

#### Lincoln University, Chester County, Pennsylvania

- › New 150,000 sq.ft. Health and Wellness Center with clinics, fitness areas, indoor track, conference rooms, lounges, classrooms, offices and dining area

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

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

#### 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

# PARKERSBURG ARMORY RENOVATION & ADDITION

**Parkersburg, WV; 2009**

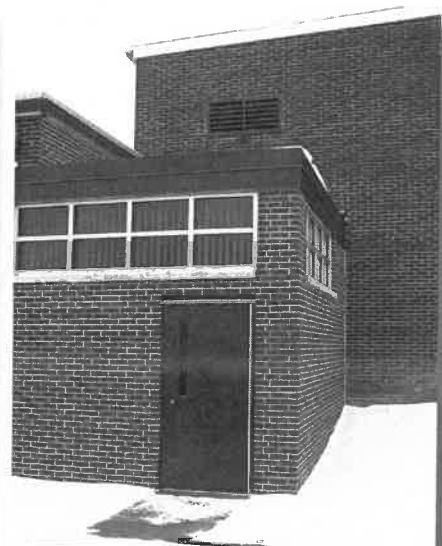
Alpha continues their relationship with the West Virginia Army National Guard with the renovation of a space originally designated as a rifle range at the Parkersburg Armory.

New offices, conference room, and break room provide new work space for officers. A secondary entrance was included in the design to serve the department that will occupy this space.

A fire alarm upgrade for the entire building was also included in the project scope as well as an alternate for an access control system and mass notification system.

## *At a Glance:*

CLIENT: WV Army National Guard  
LOCATION: Parkersburg, WV  
COMPLETION DATE: 2009  
SIZE: 2,600 Square Feet  
CONSTRUCTION COST: \$400,000





# MINERS HEALTH AND SAFETY TRAINING BUILDING

**Oak Hill, WV; 2018**

Alpha Associates, Incorporated provided architectural design, civil and structural engineering services for renovations to the Miners Health and Safety Training Building. The building serves as an Training Building for the WV Miners Health and Safety.

Project consisted of:

- Renovation of Prefab Metal Building with added office space
- Poured Concrete
- Parking Lot
- New windows and doors
- Interior Finishes

*At a Glance:*

CLIENT: WVMHST  
LOCATION: Oak Hill, WV  
COMPLETION DATE: 2019  
SIZE: 16,584 Sq. Ft.  
CONSTRUCTION COST: \$690,000

*Project Contact:*

Eugene White  
7 Players Club Dr. Ste 2  
Charleston, WV 25311  
304-469-8100



# FEDERAL CORRECTIONAL INSTITUTION MEDIUM SECURITY FACILITY

**Hazelton, WV; 2012**

Alpha Associates is the Architect of Record for a new medium security men's prison in Hazelton, WV. Hensel-Phelps Construction is the Design-Build Contractor. As part of the project Alpha provided architectural design and structural engineering for a new 13,805 square foot Administrative Building. The Administration Building serves as the main entrance and control center hub for the facility. The building contains a Lobby/Waiting Area, Squad Room/Armory/ Locksmith, Storage Area, Staff Offices/ Telephone & CCTV Monitoring, and the Warden's Suite.

The building serves both secure and non-secure activities. Sensitive areas such as Central Control, Electronic Equipment, Security LAN, and Telephone Equipment were constructed to the Federal Bureau of Prisons Security Standards to include secure doors and hardware, reinforced masonry and concrete walls, and precast concrete plank ceilings. The building is designed using Leadership in Energy and Environmental Design (LEED) principles and reinforces the goals set forth in the Energy Policy Act. The building is expected to achieve a LEED Gold Certification.

## *At a Glance:*

CLIENT: Hensel Phelps Construction

LOCATION: Hazelton, WV

COMPLETION DATE: 2012

SIZE: 13,805 sq.ft

CONSTRUCTION COST: \$160 Million



# VA WEST VIRGINIA TRAINING ACADEMY

## SHEPHERDSTOWN, WV; 2019

The VA WV National Training Academy consisted of the complete renovation of existing office space in Shepherdstown, WV. The space had to be re-designed to function as a place to hold training sessions as well as develop and film training videos for the VA.

To achieve this, high STC walls and doors had to be provided for the filming studios and the large training rooms. Standard enclosed offices, conference rooms, and open office space were also provided for the facility. Renovated restrooms and a new break area completed the project, providing all the spaces needed for the VA's intended usage of the site.

### *At a Glance:*

CLIENT: The Federal Group  
LOCATION: Shepherdstown, WV  
COMPLETION DATE: 2019  
SIZE: 14,825 Square Feet  
CONSTRUCTION COST: Private

### *Project Contact:*

Mr. Ken Lowe  
233 Lowe Drive  
Shepherdstown, WV 25443  
304-870-7001



# CLARKSBURG STATE OFFICE BUILDING

## CLARKSBURG, WV; 2017

Alpha Associates, Incorporated provided architectural design, civil and structural engineering and surveying services for a new State Office Building in Clarksburg, WV. The building is designed as an 88,491 square foot; four story office building that will hold State agencies.

The structure is brick, and structure glazed brick, and concrete frame. The project incorporated traditional and non-traditional interior partitions for offices. The building faces East/West to provide maximum passive solar benefit for energy savings, through the design of the mechanical systems. The project will be applying for Silver Certification under LEED standards.

### *At a Glance:*

CLIENT: State of West Virginia  
LOCATION: Clarksburg, WV  
COMPLETION DATE: 2016  
SIZE: 88,491 Square Feet  
CONSTRUCTION COST: \$24.9 Million

### *Project Contact:*

Robert Krause  
1900 Kanawha Blvd, East  
Charleston, WV 25305  
304-558-2317



# **SOUTH AGRICULTURAL SCIENCES BUILDING**

## **Morgantown, WV; 2005**

Alpha provided architectural and engineering design services for a two-story addition to the south side of the WVU Agricultural Sciences Building. The addition included reroofing, a large 250 seat, multi-tier general purpose lecture lab, 7 research labs, 2 teaching labs, 12 faculty offices, a greenhouse, assorted support rooms, and an unfinished shell space for future expansion, all within 40,000 square feet.

The expediency of the project necessitated a building envelope that was fast and affordable, while at the same time providing a connection with the existing white/gray masonry construction of the 1950's era Agriculture Sciences Building.

### *At a Glance:*

CLIENT: West Virginia University  
LOCATION: Morgantown, WV  
COMPLETION DATE: 2005  
SIZE: 40,000 Sq. Ft.  
CONSTRUCTION COST: \$7.3 Million

### *Project Contact:*

John Sommers  
PO Box 6572  
Morgantown, WV 26506  
304-293-2856



# US COAST GUARD OPERATIONS

## MARTINSBURG, WV; 2012

Working with DMJM Architects, Alpha Associates, Incorporated provided site and civil engineering services for this 75,000-square foot building.

Services included parking lot design, site grading, site mapping, surveying, drainage design, sewer and water connections and storm water management. Alpha's staff also provided all necessary paperwork for the County's Planned Unit Development process.

Alpha also provided drawings for the following:

- Site Plan for Generator #2 and #3
- Conversion of existing Generator Room to Electrical Room

### *At a Glance:*

CLIENT: U.S. Coast Guard Operations Systems  
LOCATION: Martinsburg, WV  
COMPLETION DATE: 2012  
SIZE: 75,000 Square Feet  
CONSTRUCTION COST: Multiple Projects

### *Project Contact:*

Mr. Ken Lowe  
233 Lowe Drive  
Shepherdstown, WV 25443  
304-870-7001



## 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.



#### 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.



#### Reference:

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





## 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.

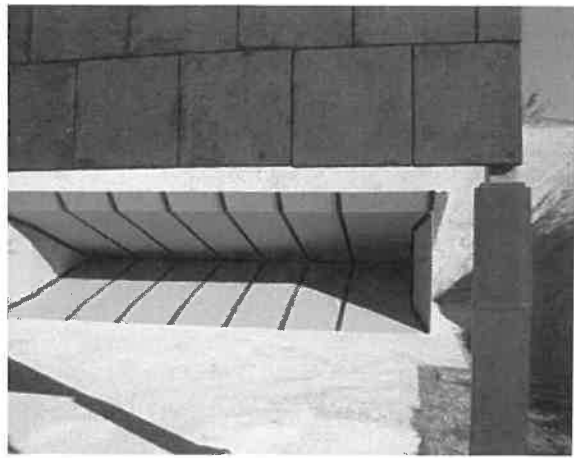
#### The following are a few of our recent project examples:

- › **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.
- › **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.
- › **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.
- › **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.
- › **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
- › **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
- › **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)



- › **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.
- › **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.

## 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 *Brooklet, 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 *Winton, 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 *Klappaville, 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 Richie, 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





STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

To all to whom these presents shall come, Greeting.

Know Ye That The State Board of Registration for Professional Engineers, of the State of West Virginia, reposing special confidence in the Intelligence, Integrity and Discretion of

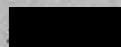
Charles B. Branch

DUES, IN PURSUANCE OF AUTHORITY VESTED IN IT

by law, hereby certify that he, having submitted satisfactory evidence, of his ability and experience, is a

REGISTERED PROFESSIONAL ENGINEER

Registration Number



(To hold) and use such title, in the practice of his profession, subject to the conditions prescribed by law.



Given under the hand and the Seal of the Board at the Capitol in the City of Charleston, this 15th day of February in the year of our Lord 2002 and of the State the One Hundred Thirty-Eighth

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

L. Ruckliff

By

Frank A. Goddy

L. J. Evans, Jr.

Thad





STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

**To** all to whom these presents shall come Greeting  
*"Know Ye That The State Board of Registration for Professional Engineers  
of the State of West Virginia, reposing special confidence in  
the Intelligence, Integrity and Discretion of*

**Bradley H. Casdorph**

**DOES IN PURSUANCE OF AUTHORITY VESTED IN IT**  
*by law hereby certify that he having submitted  
satisfactory evidence of his ability and experience is a*

**REGISTERED PROFESSIONAL ENGINEER**

Registration Number [REDACTED]

*(To Hold) and use such title in the practice of his profession,  
subject to the conditions prescribed by law.*



*Given under the hand of the  
Seal of the Board at the Capitol in the  
City of Charleston,  
This 29th day of December  
in the year of our Lord 2005  
and of the State  
the One Hundred Forty-Second*

Members of the Board

*Leonard D. Timms, Jr. Richard E. Dignas*

*Blair S. Salts William E. Viersen*



STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

To all to whom these presents shall come, Greeting.

Know Ye That The State Board of Registration for Professional Engineers, of the State of West Virginia, reposing special confidence in the Intelligence, Integrity, and Discretion of

Richard A. Colebank

DOES, IN PURSUANCE OF AUTHORITY VESTED IN IT

by law, hereby certify that he, having submitted satisfactory evidence of his ability and experience, is a

**REGISTERED PROFESSIONAL ENGINEER**

Registration Number [REDACTED]

To Hold and use such title in the practice of his profession, subject to the conditions prescribed by law.



Given under the hand and the Seal of the Board at the Capitol in the City of Charleston this 23rd day of Feb. in the year of our Lord One Thousand Nine Hundred and Eighty-Eight and of the State the One Hundred Twenty-Fourth.

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

Frank Eddy

By  
Secretary *Wm. R. Fickman* President  
Kenneth H. Means *Robert C. Scott*





STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

**To** all to whom these presents shall come Greeting  
"Know Ye" That The State Board of Registration for Professional Engineers  
of the State of West Virginia, reposing special confidence in  
the Intelligence, Integrity and Discretion of

**Matthew T. Echard**

**DOES IN PURSUANCE OF AUTHORITY VESTED IN IT**  
by law hereby certify that he having submitted  
satisfactory evidence of his ability and experience is a

**REGISTERED PROFESSIONAL ENGINEER**

Registration Number [REDACTED]

**To Hold** and use such title in the practice of his profession,  
subject to the conditions prescribed by law.



GIVEN under the hand of the  
Seal of the Board at the Capitol in the  
City of Charleston,  
This 17th day of August  
in the year of our Lord 2012  
and of the State  
the One Hundred Forty-Ninth

Members of the Board

James D. Thomas, Jr. Richard E. Dwyer

Bryan S. Smith William E. Pierson

# The Board of Architects



of West Virginia

No. [REDACTED]

*This Certifies that* Rebecca Jean Key *of* Baltimore  
*in the State of* Maryland *having successfully passed an examination*  
*before the Board of Architects of the State of West Virginia, and being*  
*otherwise qualified, is hereby authorized to practice Architecture in all its*  
*branches in the State of West Virginia.*



*Witness the signatures of the President and Secretary of the Board of*  
*Architects of West Virginia, and the seal of said Board, this* 26th  
*day of* September 1994

Will E. Johnson *President.*  
E. [illegible] *Secretary.*



STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

To all to whom these presents shall come, Greeting.

Know Ye That The State Board of Registration for Professional Engineers, of the State of West Virginia, reposing special confidence in the Intelligence, Integrity, and Discretion of

Charles B. Luttrell

DOES, IN PURSUANCE OF AUTHORITY VESTED IN IT

by law, hereby certify that he, having submitted satisfactory evidence of his ability and experience, is a

**REGISTERED PROFESSIONAL ENGINEER**

Registration Number [REDACTED]

To hold and use such title in the practice of his profession, subject to the conditions prescribed by law.



Given under the hand and the Seal of the Board at the Capitol in the City of Charleston this 28th day of July in the year of our Lord One Thousand Nine Hundred and Ninety-nine and of the State the One Hundred Thirty-sixth.

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

Geo. Nickle

Frank H. Naddy

Wm. L. Smith

Wm. J. F. Smith

# CERTIFICATE OF *Authorization*

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

*The West Virginia State Board of Registration for Professional Engineers  
having verified the person in responsible charge is registered in  
West Virginia as a professional engineer for the noted firm, hereby certifies*

**ALPHA ASSOCIATES, INC.**

**C00012-00**

**Engineer in Responsible Charge: RICHARD A. COLEBANK - WV PE 010346**

*has complied with section §30-13-17 of the West Virginia Code governing  
the issuance of a Certificate of Authorization. The Board hereby notifies you of its  
certification with issuance of this Certification of Authorization for the period of:*

**January 1, 2020 - December 31, 2021**

*providing for the practice of engineering services in the State of West Virginia.*

IF YOU ARE REQUIRED TO REGISTER WITH THE SECRETARY OF STATE'S OFFICE,  
PLEASE SUBMIT THIS CERTIFICATE WITH YOUR APPLICATION.



IN TESTIMONY WHEREOF, THE WEST VIRGINIA STATE BOARD OF  
REGISTRATION FOR PROFESSIONAL ENGINEERS HAS ISSUED THIS COA  
UNDER ITS SEAL AND SIGNED BY THE PRESIDENT OF SAID BOARD.

*Blayne S. Caldwell*

BOARD PRESIDENT

# 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](http://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

# HEAR FROM OUR CLIENTS.

---

“

**J. Paul Walden**  
**West Virginia University**

Alpha Associates have a proven record of customer satisfaction and successful client delivery with our organization. We would be confident in our recommendation in support of Alpha.

“

**Robert Hammel**  
**Former Director**  
**Morgantown Municipal Airport**

Every aspect and detail of [Alpha's] planning, coordination, and completed projects have been exceptional and outstanding in every regard.

## References

---

**Brad Leslie**  
**WV Parks and Recreation**  
**Division of Natural Resources**  
324 4th Avenue  
South Charleston, WV 25303  
304-558-2764

**Bill Clark, Executive Director**  
**Region 9 Planning & Development Council**  
400 West Stephen St Suite 301  
Martinsburg, WV 25401  
(304)-263-1743

**David Hildreth**  
**State of West Virginia**  
1409 Greenbrier Street  
Charleston, WV 25305

**Dirar Ahmad**  
**West Virginia Division of**  
**Highways**  
Building 5  
1900 Kanawha Blvd., East  
Charleston, WV 25305-0430  
304-558-2830

**Damien Davis, City Engineer**  
**City of Morgantown**  
389 Spruce Street  
Morgantown, WV 26505  
304-284-7412