



# West Virginia Purchasing Division

2019 Washington Street, East  
Charleston, WV 25305  
Telephone: 304-558-2306  
General Fax: 304-558-6026  
Bid Fax: 304-558-3970

The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at [wvOASIS.gov](http://wvOASIS.gov). As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at [WVPurchasing.gov](http://WVPurchasing.gov) with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

## Header 1

List View

### General Information

Contact

Default Values

Discount

Document Information

Clarification Request

Procurement Folder: 915017

Procurement Type: Central Purchase Order

Vendor ID:

Legal Name: ALPHA ASSOCIATES INC

Alias/DBA:

Total Bid: \$0.00

Response Date:

Response Time:

Responded By User ID:

First Name:

Last Name:

Email:

Phone:

SO Doc Code: CEOI

SO Dept: 0603

SO Doc ID: ADJ2200000002

Published Date: 7/27/21

Close Date: 8/11/21

Close Time: 13:30

Status: Closed

Solicitation Description:

Total of Header Attachments: 1

Total of All Attachments: 1



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

**State of West Virginia  
 Solicitation Response**

**Proc Folder:** 915017  
**Solicitation Description:** Building 106 Renovation Design Camp Dawson  
**Proc Type:** Central Purchase Order

Solicitation Closes	Solicitation Response	Version
2021-08-11 13:30	SR 0603 ESR08112100000000890	1

**VENDOR**  
 000000201753  
 ALPHA ASSOCIATES INC

**Solicitation Number:** CEOI 0603 ADJ2200000002  
**Total Bid:** 0  
**Response Date:** 2021-08-11  
**Response Time:** 10:07:13  
**Comments:**

**FOR INFORMATION CONTACT THE BUYER**  
 David H Pauline  
 304-558-0067  
 david.h.pauline@wv.gov

**Vendor Signature X** **FEIN#** **DATE**

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

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Building 106 Renovation Design Camp Dawson				0.00

Comm Code	Manufacturer	Specification	Model #
81101508			

**Commodity Line Comments:**

**Extended Description:**

Provide professional architectural and engineering design services per the attached documentation.



**BUILDING 106  
RENOVATION DESIGN  
CAMP DAWSON**

**CE01 0603 ADJ2200000002**

*Architecture/Engineering Services*

Public Notice Date: July 27, 2021  
Submission Date: August 11, 2021

*EXPRESSION OF INTEREST*



CONTACT

Address

Richard Colebank, President & COO  
Alpha Associates, Incorporated  
209 Prairie Ave.  
Morgantown, WV 26501

Phone & Fax

Phone: 304-296-8216  
Fax: 304-296-8216

Online

Email: [rick.colebank@thinkALPHAfirst.com](mailto:rick.colebank@thinkALPHAfirst.com)

Website: [www.thinkALPHAfirst.com](http://www.thinkALPHAfirst.com)



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

State of West Virginia  
 Centralized Expression of Interest  
 Architect/Engr

<b>Proc Folder:</b> 915017		<b>Reason for Modification:</b>	
<b>Doc Description:</b> Building 106 Renovation Design Camp Dawson			
<b>Proc Type:</b> Central Purchase Order			
<b>Date Issued</b>	<b>Solicitation Closes</b>	<b>Solicitation No</b>	<b>Version</b>
2021-07-27	2021-08-11 13:30	CEOI 0603 ADJ2200000002	1

**BID RECEIVING LOCATION**

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

**VENDOR**

**Vendor Customer Code:**

**Vendor Name :** Alpha Associates, Incorporated  
 209 Prairie Avenue

**Address :** Morgantown  
 West Virginia USA 26501

**Street :** Richard A. Colebank

**City :** 304-296-8216 102

**State :** **Country :** **Zip :**

**Principal Contact :**

**Vendor Contact Phone:** **Extension:**

**FOR INFORMATION CONTACT THE BUYER**  
 David H Pauline  
 304-558-0067  
 david.h.pauline@wv.gov

**Vendor Signature X**  **FEIN#** 550516286 **DATE** 8-10-21

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

**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 Avenue, Morgantown, WV 26501

**(Address)**

(304) 296-8216/ (304) 296-8245

**(Phone Number) / (Fax Number)**

rick.colebank@thinkalphafirst.com

**(E-mail 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)**

8/10/21

**(Date)**

(304) 296-8216/ (304) 296-8245

**(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: Alpha Associates, Inc.

Authorized Signature: *Joanna D Stempl* Date: 8/10/21

State of West Virginia

County of Monongalia, to-wit:

Taken, subscribed, and sworn to before me this 10 day of August, 2021.

My Commission expires September 22, 2025.

AFFIX SEAL HERE



NOTARY PUBLIC *Joanna D Stempl*

Purchasing Affidavit (Revised 01/19/2018)

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

(Required by W. Va. Code § 6D-1-2)

Name of Contracting Business Entity: Alpha Associates, Inc Address: 209 Prairie Avenue  
Morgantown, WV 26501

Name of Authorized Agent: Richard A. Colebank Address: \_\_\_\_\_

Contract Number: CEOI 0603 ADJ2200000002 Contract Description: Building 106 Renovation Design Camp Dawson

Governmental agency awarding contract: WV Army National Guard

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.

H.F. Lenz Company

**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:  Date Signed: 8/10/21

**Notary Verification**

State of West Virginia, County of Monongalia:

I, Richard A. Colebank, 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 10 day of August, 21.

  
Notary Public's Signature

**To be completed by State Agency:**  
Date Received by State Agency: \_\_\_\_\_  
Date submitted to Ethics Commission: \_\_\_\_\_  
Governmental agency submitting Disclosure: \_\_\_\_\_



# TABLE OF CONTENTS.

---

## SECTION A

---

### GENERAL FIRM INFORMATION

A.1 LETTER OF INTEREST	1-2
A.2 FIRM PROFILES	3-4
A.3 STATEMENT OF QUALIFICATIONS	05

## SECTION B

---

### PROJECT MANAGEMENT

B.1 STAFFING PLAN	06
B.2 TEAM ORGANIZATION	07
B.3 SCHEDULE & BUDGET	08
B.4 CAPACITY & SOFTWARE	09

## SECTION C

---

KEY PERSONNEL	10-20
---------------	-------

## SECTION D

---

PROJECT EXPERIENCE	21-30
--------------------	-------

## APPENDIX

---

LICENSES & CERTIFICATIONS	31-37
REFERENCES	38



August 11, 2021

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

Attn: David Pauline

**RE: CEOI 0603 ADJ2100000002**  
**Building 106 Renovation Design Camp Dawson**

Dear Mr. Pauline,

Alpha Associates, Incorporated team is pleased to submit our qualifications to provide architectural and engineering services for the renovations of Building 106 at Camp Dawson located in Kingwood, West Virginia. We have established a strong team for this important project. As the original designer of the Medical wing we have a unique interest overseeing the renovation of this important space and seeing it brought to current standards. Alpha's past experience with similar projects including the designing the original three dormitories which are currently being utilized by the Challenge Academy as well as the current Medical Wing, along with our intimate knowledge of Camp Dawson make us a perfect teaming partner for you on your completion project.

Since 1969, Alpha has partnered with numerous Federal, State, and local governments to provide architectural and engineering services for projects around West Virginia, including several projects at Camp Dawson. In addition to our experience with Camp Dawson, Alpha has completed renovation projects of varying types and sizes, including more than 800,000 square feet of renovations at the WVU Health Sciences Center. This work ranged from small renovations of less than 200 square feet to large and very complicated renovations. These larger projects required not only architectural design but significant structural and mechanical and electrical modifications.

#### **Design Team**

Alpha is a West Virginia owned and operated architectural and engineering design firm with locations in Morgantown, and Martinsburg. Our 22-person professional staff includes architects, civil and structural engineers, surveyors, cost

estimators, construction representatives, 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. This project will be managed from Alpha's Corporate Office located in Morgantown, West Virginia. Alpha's Office in Morgantown is approximately 45 minutes from the site. This allows us to offer the WV National Guard and Camp Dawson a cohesive design team for a seamlessly completed project. Alpha has partnered with HF Lenz to perform the mechanical and electrical designs. Alpha has a successful partnership with HF Lenz that's developed over a decade and has included numerous projects. This successful history allows us to provide the WVARNG with a cohesive team on this project.

### **Project Understanding**

The Army National Guard is looking to partner with a firm to design and develop construction bid documents to fully renovate Camp Dawson Building 106. This project will consist of updates to the entire building, including a new hot water system, a more efficient heating and cooling system, new IT wiring, new energy efficient windows, new exterior and interior doors, and new interior and exterior LED lighting for the building. The design will also include complete renovations of the billeting rooms that will make the areas more suitable for long term billeting involving floor plan alterations, and bathroom and kitchen renovations. The design will also include renovation design for the laundry room and will also provide maintenance saving measures, such as covering exterior wood areas with weather resistance siding. The design shall bring the building up to current federal, state and local building code,

### **Summary**

The Alpha Team is looking forward to building a successful relationship with the WV Army National Guard and the State of West Virginia by providing 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)

# WELCOME TO ALPHA ASSOCIATES, INC.

---

## FIRM PROFILE

---

### **Contract Role: Prime**

Architect & Engineer

### **Address**

209 Prairie Ave  
Morgantown, West Virginia 26501

535 West King Street  
Martinsburg, West Virginia 25401

### **Number of Employees**

22

### **Principals**

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

### **Services**

Architectural Design  
Civil Engineering  
Structural Engineering  
Surveying  
Interior Design  
Landscape Architecture





#### Johnstown Headquarters

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

## 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 48 Licensed Professional Engineers and 19 LEED Accredited Professionals. Our headquarters is in Johnstown, 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)

#### PHILOSOPHY

Two essential prerequisites lay the foundation for every H.F. Lenz Company project. First, we take the time to understand the client's business and how it operates. Second, we proactively involve the client in the development of appropriate solutions. In our role as partner, we help the client understand how well the available alternatives satisfy the project's own unique, prioritized set of objectives.

A remarkable 85 percent of our work consists of repeat commissions from clients who appreciate our responsive, value added service.

#### LEED®

Our firm has been a member of the U.S. Green Building Council since 2000 and we currently have 19 LEED® Accredited Professionals on staff. Our experience includes 120+ projects that have attained various levels of LEED Certification and numerous additional projects designed for various levels of LEED Certification, in total over 16 million sq.ft. of facilities.



## ALPHA ASSOCIATES, INC. STATEMENT OF QUALIFICATIONS

Alpha Associates, Incorporated is an Architectural and Engineering design firm that provides services in the areas of Architectural Design, Civil Engineering, Structural Engineering, Landscape Design, Interior Design, Construction Administration, Project Management, and Surveying. Our clients benefit from our unique combination of extensive design and construction experience, advanced technical tools, dedicated principals and highly skilled staff members.

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.

**THINK ALPHA FIRST.**

# STAFF PLANNING

## TO BE ASSIGNED TO YOUR PROJECT.

All work to be performed for the Building 106 Renovation at Camp Dawson will be managed out of Alpha's Morgantown office in conjunction with H.F. Lenz headquarters in Johnstown, PA. In addition to your dedicated Project Team, Alpha's staff of 22 includes engineers, architects, architectural designers, technicians, and support staff that are available to assist with any potential project need.



Richard W. Klein  
PE, PS  
Principal in Charge



Richard A. Colebank  
PE, PS  
Project Manager



Charles Luttrell  
PE  
Structural Engineer



Rebecca Key  
AIA, LEED-AP  
Director of Architecture



Charles Branch  
PE  
Civil Engineer



Casey Smith  
AIA, Associate  
Architectural Designer



Thomas F. Deter  
PE, LEED AP  
Principal-in-Charge of Engineering



John C. Stewart  
PE, LEED AP  
Mechanical Engineer



Steven P. Mulhollen  
PE  
Electrical Engineer



Gregory D. Rummel  
CPD  
Plumbing/Fire Protection Designer



David A. Blackner  
PE  
Principal/Structural Engineer

# 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, Senior 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

Terry Higgins  
Field Representative

Kevin McClung  
Engineering Technician

Barbara Kerns  
Survey Crew

Tyler Collins  
Survey Crew

## STRUCTURAL ENGINEERING

Charles Luttrell  
PE, Senior Principal  
Senior Structural Engineer

Matthew Echard  
PE, Principal  
Structural Engineer

Cody Antoon  
Engineering Technician

## OFFICE ADMINISTRATION

Heather Fox  
Business Manager

Joanna Stemple  
Marketing Coordinator

Kim Coomler  
Administrative Assistant

## MECHANICAL, ELECTRICAL ENGINEERING

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

John C. Stewart  
P.E., LEED AP  
Mechanical Engineer

Steven P. Mulhollen  
P.E.  
Electrical Engineer

Gregory D. Rummel  
CPD  
Plumbing/Fire Protection Designer

# SCHEDULE AND 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

The Alpha Team has an excellent track record of meeting project design deadlines. Alpha recently completed construction on a project in Morgantown that went from design to completion in just over 12 months. This project was completed for a private developer and had a construction cost in excess of \$20 million.

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 client with the most accurate estimates of probable construction cost.

---

# CAPACITY & SOFTWARE.

---

## OUR CAPABILITIES

Alpha Associates, Incorporated is prepared to commit staff and resources to the Building 106 Renovation Project at Camp Dawson. 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 WVARNG by committing any resources necessary to meet the project schedule.

## USING THE LATEST SOFTWARE

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:

- AutoCAD 22
  - REVIT (Editions up to 2022)
  - Civil 3D
  - RISA 3D
  - RISA Floor
  - RISA Foundation
  - MathCAD
  - DJI Phantom 4 RTK Drone
  - Autodesk Suite
  - Enercalc
  - AutoTURN
  - TopCon GR5 GPS System
  - TopCon Total Station with Reflectorless Capabilities
  - Carlson Surveyor & Data Collector
-



# 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

Broad-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
- WVDOH Martinsburg Train Station Corridor Streetscape; Martinsburg, WV
- WV State Office Building; Parkersburg, WV
- College of Physical Activity & Sports Science; Morgantown, WV
- WVDOH Open End Engineering Contract; WV
- WVDOH Deckers Creek Pedestrian Bridge; Morgantown, WV
- 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



# 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: Maryland,  
New York, Pennsylvania, Virginia,  
Washington DC, West Virginia

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 projects 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:

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

## PROFESSIONAL HIGHLIGHTS

WV Boreman Hall; Morgantown, WV  
Ruby Memorial Hospital Emergency Room; Morgantown, WV  
Lewis County H.S. Medical Facility; Weston, WV  
Camden-On-Gauley Medical Center; Camden-On-Gauley, WV  
Camden Dental/Medical Arts Grant; Camden-On-Gauley, WV  
Camden Family Health Dental Suite; Camden-On-Gauley, WV  
WV Office of Miners Health Safety and Training Facility; Oak Hill, WV  
WV State Office Building; Clarksburg, WV  
WV State Office Building; Parkersburg, WV  
WV DOH District 7 Lab & Multi-purpose Building.; Weston, WV  
West Virginia Regional Technology Park Renovation to Building 770; South Charleston, WV  
Mon County Family Court Renovation; Morgantown, WV  
Mon County Sheriff's Department; Morgantown, WV  
Fairmont State University Prichard Hall Renovation; Fairmont, WV  
Augusta Apartment Building; Morgantown, WV  
Ridgedale Elementary; Morgantown, WV  
Mountaineer Middle; Morgantown, WV  
Washington High School; Charles Town, WV  
Ruby McQuain Amphitheater Roof; Morgantown, WV  
North Fork Hughes River Sate Park; Ritchie County, 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

Broad-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 Mariachis Renovation; Morgantown, WV
- WVU Hazel Ruby McQuain Education & Resource Center; Reedsville, WV
- Martinsburg Queen St. Underpass; Martinsburg, WV



# CHARLES B. BRANCH

PE; SENIOR PRINCIPAL & CIVIL ENGINEER

☎ 304-296-8216 | 800-640-8216

✉ [chuck.branch@thinkalphafirst.com](mailto: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 is 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

Broad-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 Health Sciences Center Eastern Division; Martinsburg, WV
- WVDOH Martinsburg Train Station Corridor Streetscape; Martinsburg, 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
- Queen St Underpass; Martinsburg, WV
- Martinsburg Little League Fields; Martinsburg, WV



# CHARLES B. LUTTRELL

## PE; SR. 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 been 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

Broad-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; Clarksburg, 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  
Shepherd University Pedestrian Underpass; Shepherdstown, WV  
Washington High School; Charles Town, WV  
WVU Coliseum Structural Inspection; Morgantown, WV  
Alderson Broaddus College, Rex Pyles Arena Deck; Phillipi, WV  
Monongalia County Sheriff's Building; Morgantown, WV  
South High Street Bridge; Morgantown, WV  
Ices Ferry Bridge; Morgantown, WV  
Matthews Foundry Structural Evaluation; Martinsburg, WV  
Martinsburg Little League Fields; Martinsburg, WV  
Martinsburg WWTP; Martinsburg, WV  
Queen St. Underpass; Martinsburg, WV  
Winchester & Western RR Rt. 11 Bridge; Martinsburg, WV



# MATTHEW T. ECHARD

## PE; PRINCIPAL & STRUCTURAL ENGINEER

☎ 304-296-8216 | 800-640-8216

✉ matthew.echard@thinkalphafirst.com

### EMPLOYMENT HISTORY

2016-Current | Alpha Associates, Inc.  
2010-2015 | Echard ingenieurBüro  
2006-2009 | Buro Happold Consulting Engineers  
2003-2006 | RISA Technologies, Inc.  
2000-2003 | Zaldastani 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. EAEC 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 undeserved 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. Mr. Echard also volunteers as the Chairman of the Gilmer County Unsafe Buildings and Lands Enforcement Authority.

### PROFILE

Broad-based responsibilities in the following areas:

- Structural Engineering
- Structural Forensics
- Project Management

### PROFESSIONAL HIGHLIGHTS

Project Manager & Structural Engineer:

- WVU Creative Arts Center Performance Access; Morgantown, WV
- WVU Aero/Combustion Lab Mezzanine; Morgantown, WV
- WVU Athletics Tennis Scoreboard; Morgantown, WV
- WVU Athletics Coliseum Scoreboard & Speakers; Morgantown, WV
- WVU CAFEE Building Addition; Morgantown, WV
- WVU Colson Hall, Admission & Records Access; Morgantown, WV
- WVU ESB Chiller Lines; Morgantown, WV
- WVU ESB Roof Fall Protection; Morgantown, WV
- WVU Health Sciences Center - Phase 1B HVAC; Morgantown, WV
- WVU Hodges Hall Renovation; Morgantown, WV
- WVU J.W. Ruby Research Farm; Reedsville, WV
- WVU Law School Precast Evaluation; Morgantown, WV
- WVU Mountainlair Façade Water Infiltration; Morgantown, WV
- WVU Mountainlair Gridiron Assessment; Morgantown, WV
- WVU Mountainlair Plaza Structural Assessment; Morgantown, WV
- WVU Stewart Hall MEP Upgrades; Morgantown, WV
- Westover Goodwill Structural Design; Morgantown, WV
- Weyerhaeuser Roof Evaluation; Heaters, WV
- Martinsburg Queen Street Underpass; Martinsburg, WV
- City Hall Façade Rehab; Morgantown, WV
- Metropolitan Theatre Roof; Morgantown, WV



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

*Principal-in-Charge of Engineering*

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

### EDUCATION

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

### EXPERIENCE

H.F. Lenz Company 1992-Present • 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 AFFILIATIONS

NSPE/PSPE • U.S. Green Building Council

### PROJECT EXPERIENCE

Camp Dawson New Billeting Facility, U.S. Army National Guard - Kingwood, West Virginia

- › Three new billeting facilities designed to resemble small, upscale hotels including design of the heating, cooling, ventilation, lighting, power, fire alarm, telecommunications, fire protection, plumbing, and natural gas service

New Cumberland Army Depot, New Billeting Facility, U.S. Army Corps of Engineers - New Cumberland, Pennsylvania

- › Developed a project definition for a proposed three-story billeting facility providing civil, mechanical, plumbing, fire protection, and electrical engineering services for the facility

911 Airlift Wing, Visiting Offices Quarters, Building 206, U.S. Air Force, Greater Pittsburgh International Airport - Coraopolis, Pennsylvania

- › Renovations to 24 single bedroom units and one two-bedroom suite, main lobby, hearth room and registration desk, in the two story building

Fort Detrick, Renovations to Buildings 1430, 1545, AND 1546 U.S. Army Corps of Engineers - Frederick, Maryland

- › Improvements and modifications to building access for disabled persons by addressing the deficiencies affecting compliance with the Americans with Disabilities Act

PA DGS, PA Army National Guard Readiness Center - New Castle, Pennsylvania

- › Renovation to 23,000 sq.ft. readiness center, including HVAC renovations involving replacement of the steam heating system with hot water, renovations to restrooms / shower rooms and other plumbing renovations
- › Renovation to 26,700 sq.ft. reserve center, including ADA compliance upgrades, code upgrades

PA Department of Military Affairs, Ford City, Pennsylvania

- › New 24,400 sq.ft. armory

H.F. LENZ COMPANY



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

*Mechanical Engineer*

Mr. Stewart has over 30 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 1996 – 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 New Billeting Facility, U.S. Army National Guard - Kingwood, West Virginia

- › Three new billeting facilities designed to resemble small, upscale hotels including design of the heating, cooling, ventilation, lighting, power, fire alarm, telecommunications, fire protection, plumbing, and natural gas service

New Cumberland Army Depot, New Billeting Facility, U.S. Army Corps of Engineers - New Cumberland, Pennsylvania

- › Developed a project definition for a proposed three-story billeting facility providing civil, mechanical, plumbing, fire protection, and electrical engineering services for the facility

911 Airlift Wing, Visiting Offices Quarters, Building 206, U.S. Air Force, Greater Pittsburgh International Airport - Coraopolis, Pennsylvania

- › Renovations to 24 single bedroom units and one two-bedroom suite, main lobby, hearth room and registration desk, in the two story building

Fort Detrick, Renovations to Buildings 1430, 1545, AND 1546 U.S. Army Corps of Engineers - Frederick, Maryland

- › Improvements and modifications to building access for disabled persons by addressing the deficiencies affecting compliance with the Americans with Disabilities Act

PA DGS, PA Army National Guard Readiness Center - New Castle, Pennsylvania

- › Renovation to 23,000 sq.ft. readiness center, including HVAC renovations involving replacement of the steam heating system with hot water, renovations to restrooms / shower rooms and other plumbing renovations
- › Renovation to 26,700 sq.ft. reserve center, including ADA compliance upgrades, code upgrades

PA Department of Military Affairs, Ford City, Pennsylvania

- › New 24,400 sq.ft. armory



## Steven P. Mulhollen, P.E.

*Electrical Engineer*

Mr. Mulhollen is experienced in the design of power distribution systems, control systems, emergency power systems, lighting and emergency lighting systems, fire alarm systems, security, sound, and telecommunication systems for correctional, educational, institutional, industrial, health care, and commercial facilities.

### PROJECT EXPERIENCE

#### Camp Dawson New Billeting Facility, U.S. Army National Guard - Kingwood, West Virginia

- › Three new billeting facilities designed to resemble small, upscale hotels including design of the heating, cooling, ventilation, lighting, power, fire alarm, telecommunications, fire protection, plumbing, and natural gas service

#### New Cumberland Army Depot, New Billeting Facility, U.S. Army Corps of Engineers - New Cumberland, Pennsylvania

- › Developed a project definition for a proposed three-story billeting facility providing civil, mechanical, plumbing, fire protection, and electrical engineering services for the facility

#### 911 Airlift Wing, Visiting Offices Quarters, Building 206, U.S. Air Force, Greater Pittsburgh International Airport - Coraopolis, Pennsylvania

- › Renovations to 24 single bedroom units and one two-bedroom suite, main lobby, hearth room and registration desk, in the two story building

#### Fort Detrick, Renovations to Buildings 1430, 1545, AND 1546 U.S. Army Corps of Engineers - Frederick, Maryland

- › Improvements and modifications to building access for disabled persons by addressing the deficiencies affecting compliance with the Americans with Disabilities Act

#### PA DGS, PA Army National Guard Readiness Center - New Castle, Pennsylvania

- › Renovation to 23,000 sq.ft. readiness center, including HVAC renovations involving replacement of the steam heating system with hot water, renovations to restrooms / shower rooms and other plumbing renovations
- › Renovation to 26,700 sq.ft. reserve center, including ADA compliance upgrades, code upgrades

#### PA Department of Military Affairs, Ford City, Pennsylvania

- › New 24,400 sq.ft. armory

### EDUCATION

Bachelor of Science, Electrical Engineering, 1988, The Pennsylvania State University

### EXPERIENCE

H.F. Lenz Company 1999 – Present  
• L. Robert Kimball & Associates  
1996 – 1999 • Leach Wallace Associates, Inc. 1990 – 1996 • E.A. Mueller, Inc. 1988 - 1990

### PROFESSIONAL REGISTRATION / CERTIFICATION

Licensed Professional Engineer in Pennsylvania, Alabama, California, Florida, Iowa, Kansas, Kentucky, Louisiana, Massachusetts, Maryland, Missouri, Nebraska, Nevada, New Jersey, New Mexico, New York, North Carolina, Ohio, Rhode Island, Tennessee, West Virginia, DC

### PROFESSIONAL AFFILIATIONS

Institute of Electrical and Electronics Engineers, Inc.



## 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 New Billeting Facility, U.S. Army National Guard - Kingwood, West Virginia**

- › Three new billeting facilities designed to resemble small, upscale hotels including design of the heating, cooling, ventilation, lighting, power, fire alarm, telecommunications, fire protection, plumbing, and natural gas service

**New Cumberland Army Depot, New Billeting Facility, U.S. Army Corps of Engineers - New Cumberland, Pennsylvania**

- › Developed a project definition for a proposed three-story billeting facility providing civil, mechanical, plumbing, fire protection, and electrical engineering services for the facility

**911 Airlift Wing, Visiting Offices Quarters, Building 206, U.S. Air Force, Greater Pittsburgh International Airport - Coraopolis, Pennsylvania**

- › Renovations to 24 single bedroom units and one two-bedroom suite, main lobby, hearth room and registration desk, in the two story building

**Fort Detrick, Renovations to Buildings 1430, 1545, AND 1546 U.S. Army Corps of Engineers - Frederick, Maryland**

- › Improvements and modifications to building access for disabled persons by addressing the deficiencies affecting compliance with the Americans with Disabilities Act

**PA DGS, PA Army National Guard Readiness Center - New Castle, Pennsylvania**

- › Renovation to 23,000 sq.ft. readiness center, including HVAC renovations involving replacement of the steam heating system with hot water, renovations to restrooms / shower rooms and other plumbing renovations
- › Renovation to 26,700 sq.ft. reserve center, including ADA compliance upgrades, code upgrades

**PA Department of Military Affairs, Ford City, Pennsylvania**

- › New 24,400 sq.ft. armory



## David A. Blackner, P.E.

*Principal/Structural Engineer*

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

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

### EDUCATION

Associate, Architectural Engineering Technology, 1988, Pennsylvania State University

Associate, Mechanical Engineering Technology, 1988, Pennsylvania State University

### EXPERIENCE

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

### PROFESSIONAL REGISTRATION / CERTIFICATION

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

### MEMBERSHIPS

Member of American Institute of Steel Construction (AISC), Member of American Concrete Institute (ACI), Member of American Society of Civil Engineers (ASCE), The Engineer's Society of Western Pennsylvania (ESWP), Pennsylvania Society of Professional Engineers - Johnstown, Chapter, Engineer of the Year Award 2005

### PROJECT EXPERIENCE

#### Candlewood Suites - Augusta, Georgia

- › Design of a new 311 room, 150,000 sq.ft. hotel, the largest Candlewood Suites in the world, at Fort Gordon Army Base; designed to attain LEED Certification

#### U.S. Air Force, 911th Airlift Group/CE, Greater Pittsburgh International Airport - Coraopolis, Pennsylvania

- › Expansion of Building 130

#### USACE Baltimore District, Letterkenny Army Depot, IDIQ Contract - Chambersburg, Pennsylvania

- › Multiple consecutive IDIQ Contracts for repair, renovations, additions, new construction, studies, investigations, and other A/E services for base buildings and site infrastructure at Letterkenny Army Depot; Over 100 projects completed to-date

#### University of Pittsburgh at Bradford, New Residence Hall - Bradford, Pennsylvania

- › A new 58,470 sq.ft multi-story building, principally programmed for 203 beds for student housing and related amenities

#### University of Charleston - Charleston, West Virginia

- › Four-story Brotherton Hall dormitory constructed of pre-cast hollow core plank on masonry bearing walls and miscellaneous steel framing. Exterior wall construction is brick veneer with metal stud back-up. Spread footing foundations bear on "CLFM" fill material

#### City of Pittsburgh - Pittsburgh, Pennsylvania

- › Structural modifications for restroom renovations in the City County Building; the project involved approximately 24 restroom on multiple floors

# WEST VIRGINIA UNIVERSITY REEDSVILLE FARM REDEVELOPMENT

## Reedsville, WV; 2017

The West Virginia University Reedsville Farm is operated by the WVU Davis College partnered with WVU Extension Services and is home to the Extension Service Equine Arena. Alpha is the lead architect and project engineer for this project, partnering with POPULOUS, world-renowned in equine facilities to assist with design. The goal of this project was to redevelop the farm as the Hazel Ruby McQuain Equine Education & Research Center with state-of-the-art facilities to increase student and stakeholder opportunities, enabling the equine studies program to flourish.

The project included:

- Design of a new gateway to improve appearance and identity along main road.
- Addressing site and infrastructure issues.
- Elevate and improve existing outdoor arena.
- Design a new 11,500 sq. ft. Multipurpose Building.
- Design a new 8,200 sq ft. Education & Research Center with dormitory rooms and facilities', offices, and classrooms.
- Construct new Welcome/Honor/Gathering Plaza with vertical tower element incorporating donor plaques.
- Master Planning which includes future horse barn, expanded multipurpose building, pasture improvements, RV Hookups, maintenance facilities, and further renovation of existing facilities.

### *At a Glance:*

CLIENT: West Virginia University  
LOCATION: Morgantown, WV  
COMPLETION DATE: 2017  
SIZE: 8.5 Acres  
CONSTRUCTION COST: \$6.5 Million

### *Project Contact:*

Scott Owen  
979 Rawley Lane  
P.O. Box 6572  
304-290-6613



# VA WEST VIRGINIA TRAINING ACADEMY

## Sheperdstown, WV; 2019

The VA WV National Training Academy project consisted of the complete renovation of existing office space in Sheperdstown, 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: Sheperdstown, WV  
COMPLETION DATE: 2019  
SIZE: 14,825 Square Feet  
CONSTRUCTION COST: Private

### *At a Glance:*

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



# 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



# THE AUGUSTA STUDENT HOUSING

## Morgantown, WV; 2007

(Left) The entry lobby into the residential student housing was designed to be an upscale experience. The lobby provides a 2-story space with durable but attractive finishes with access to mail boxes and a 24-hour receptionist.

(Right) View of the upper level lounge and coffee bar.

(Middle) View of a typical apartment kitchen. The apartments had stainless steel appliances, luxury vinyl flooring, and coordinating built-in cabinets. This creates a sophisticated but home-like atmosphere. The kitchens were furnished with high top tables and chairs. Solid, thru body resin countertops round out the durable finishes in the apartment spaces that will withstand years of occupancy.

### *At a Glance:*

CLIENT: Private  
LOCATION: Morgantown, WV  
COMPLETION DATE: 2007  
SIZE: 70,000 Square Feet  
CONSTRUCTION COST: \$21 Million

### *Project Contact:*

Steve Bishop  
Landau Building Company  
724-719-6301  
sbishop@landau-bldg.com



# FAIRMONT STATE COLLEGE— PRICHARD HALL

**Fairmont, WV; 2001**

Alpha Associates, Incorporated provided Architectural and Engineering Services for Fairmont State College for the renovation of a 1963 Co-Ed Dormitory. Design of ADA compliant entrance ramp and main entrance into the building were included in this project. Interior renovations of the 1,466-SF space included lobby, vending area, computer lab, TV lounge, poolroom, and ADA compliant restroom facilities.

Alpha's design staff chose large format porcelain tile for the exterior finish material of the landings in the entry. Utilizing this format allows for a slip resistant surface and provides a contrast from the sidewalk and ramp surface to the entry area of the building.

## *At a Glance:*

CLIENT: Fairmont State College  
LOCATION: Fairmont, WV  
COMPLETION DATE: 2001  
SIZE: 1,466 Square Feet  
CONSTRUCTION COST: \$240,000

## *Project Contact:*

Larry Lawrence  
1201 Locust Avenue  
Fairmont, WV 26554  
304-367-4295



# WEST VIRGINIA UNIVERSITY-- STALNAKER HALL

## Morgantown, WV; 1993

The original center section of Stalnakier Hall was completed in 1919, with two additional wings added in 1939. This renovation project replaced dormitory-style quarters with suites containing 306 bedrooms and shared living space. The food services area of Stalnakier Hall also underwent renovations. Alpha Associates, Incorporated teamed with a national A/E firm to provide civil engineering, structural engineering and construction administration. The 95,000 square foot project included the following: ADA parking area, ADA ramps, restoration/reconstruction of entire building, new sidewalks and steps, handrails and landscaping, asbestos abatement, skylights, new roof, elevator, window replacement.

This building required extensive demolition, including demolition of all rooms and load bearing walls on both the North and South wings. The center wing included complete gutting of all floors with only the exterior wall remaining. This project also included underpinning of the existing structure to add basement space.

### *At a Glance:*

CLIENT: West Virginia University  
LOCATION: Morgantown, WV  
COMPLETION DATE: 1993  
SIZE: 95,000 Square Feet  
CONSTRUCTION COST: \$12 Million

### *Project Contact:*

Charlie Robinson  
979 Rawley Lane  
Morgantown, WV 26506  
304-293-5280



## Billeting Facilities

H.F. Lenz Company provided engineering services for the design of new billeting facilities. A few of our project examples include:

### **CAMP DAWSON, NEW BILLETING FACILITY, U.S. ARMY NATIONAL GUARD -** *Kingwood, West Virginia*

H.F. Lenz Company provided mechanical, electrical, plumbing and fire protection engineering services for the design of three new billeting facilities for Camp Dawson. 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.

### **NEW CUMBERLAND ARMY DEPOT, NEW BILLETING FACILITY, U.S. ARMY** **CORPS OF ENGINEERS -** *NEW CUMBERLAND, PENNSYLVANIA*

H.F. Lenz Company provided engineering services to develop a project definition for a proposed three-story billeting facility to be located at the New Cumberland Army Depot. HFL provided civil, mechanical, plumbing, fire protection, and electrical engineering services for the facility.

Three HVAC options were proposed for the building including packaged through-the-wall air conditioning units, four pipe fan coil unit with gas heat, and water source heat pump with gas heat. HFL prepared a systems comparison between each of the options, comparing overall performance, equipment requirements, and order of magnitude cost comparison.

The MEP systems narrative defined the specific requirements recommended for the new billeting facility addressing utilities to the building, sizing of water, sanitary sewer, natural gas systems, addressing plumbing fixtures and piping types. The project definition included the fire protection system configuration in accordance with NFPA 13 and the Military Handbook. Electrical systems described the medium voltage service to the building with a pad mounted transformer to establish a secondary service for the billeting facility. The narrative described the electrical distribution system, lighting recommendations with fixture types and illumination levels for each type of space, emergency and egress lighting, branch circuiting approaches and detailed telecommunications systems arrangement.



**US Army Corps  
of Engineers®**



**911 AIRLIFT WING, VISITING OFFICES QUARTERS, BUILDING 206,  
U.S. AIR FORCE, GREATER PITTSBURGH INTERNATIONAL AIRPORT -  
Coraopolis, Pennsylvania**

H.F. Lenz Company was involved in a renovation project at Building 206 for the 911 Airlift Wing which consisted of improvements to the Visiting Officers Quarters. The improvements included 24 single bedroom units and one two-bedroom suite in the two-story building. The project also consisted of modifications and improvements to the main lobby, including hearth room and the registration desk. Some of the MEP system improvements included the following:

- › New boiler system
- › Building heating piping and fan coil units
- › Reused existing chiller
- › Replaced chilled water distribution piping
- › Building ATC system
- › Domestic water heater and storage tank
- › New domestic water piping system
- › New sanitary sewer and vent piping
- › Plumbing fixture replacement
- › Fire protection system for the entire building in accordance with NFPA 13
- › Dry type sprinkler system to protect the unheated attic of the building
- › A new pad-mounted 4160V primary 208/120V secondary transformer
- › New main distribution switchboard
- › Electrical devices including lighting, receptacles, switches, etc.



**FORT DETRICK, RENOVATIONS TO BUILDINGS 1430, 1545, AND 1546,  
U.S. ARMY CORPS OF ENGINEERS - Frederick, Maryland**

H.F. Lenz Company provided the mechanical, electrical, plumbing, fire protection, structural and civil engineering services for the renovations to buildings 1430, 1545, and 1546. Building 1430, the oldest of the three buildings, was originally constructed for use as a dormitory and converted to office space in the 1980's. Buildings 1545 and 1546, also originally constructed as dormitories, were converted into office space within the last 5 years. The intent of this project was to improve access to Buildings 1430, 1545, and 1546 for disabled persons by addressing the deficiencies affecting compliance with the Americans with Disabilities Act. Modifications to these buildings included the addition of an ADA compliant elevator to provide access to the three floors above grade at each building. Other modifications included the installation of ADA compliant automatic door openers and ADA compliant hardware to the building entry door assembly closest to where the elevator is located, modifications to door stoops, walkways, and ramps as required to provide an ADA compliant accessible path into the buildings and to the elevators.





## 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:

- › Restroom rehabilitation/installation of low-flow fixtures
- › American with Disabilities Act compliance upgrades
- › Code compliance upgrades
- › Construction of a 3,000 to 5,000 sq.ft. heated storage building equipped with supply caging
- › HVAC & electrical system evaluation and improvements
- › Emergency generator supporting up to 35% of facility's load requirements
- › Elevator installation
- › Parking lot lighting
- › Roof replacement
- › 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

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.





## 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.

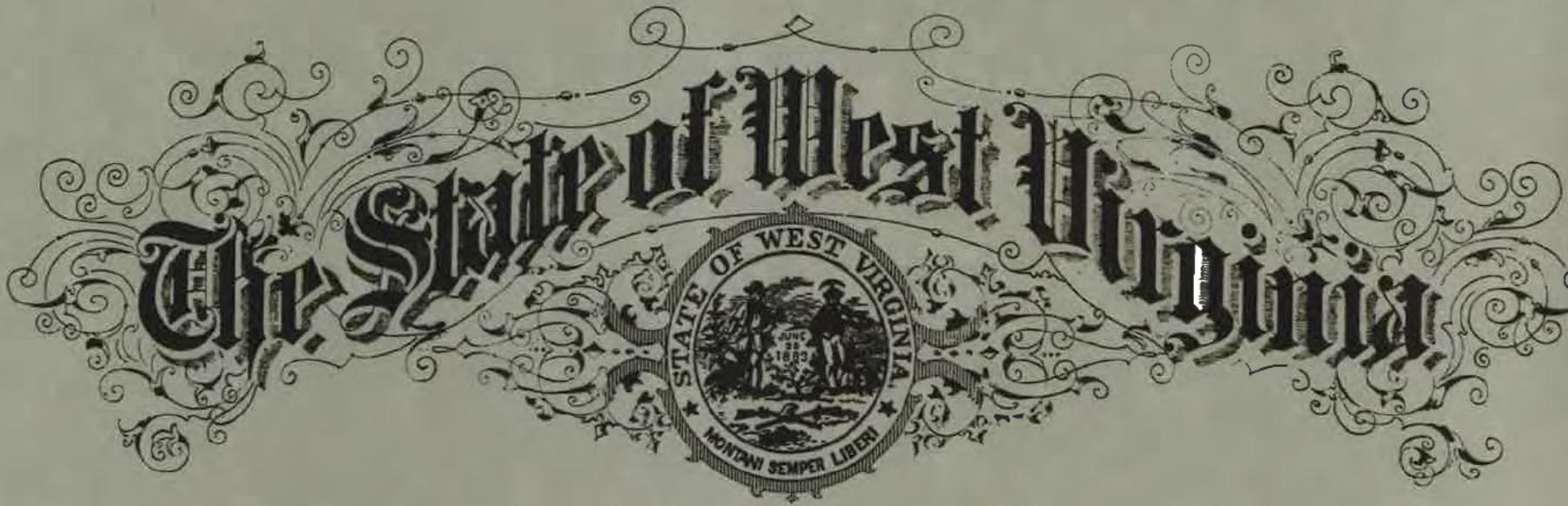
This project was focused on the Readiness Center or the main building. The size of the existing facility was approximately 23,000 sq. ft. The facility houses approximately 120 soldiers from the 107th Field Artillery Battalion for the Pennsylvania Army National Guard. The original building was constructed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

The rehabilitation scope of work included:

- › 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.
- › 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.

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





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 Gaddy

Secretary: Kenneth H. Means

By: Monroe P. Jickel President: Robert B. 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

Charles B. Branch

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 18th 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

[Signature]

By Frank D. Goddy

[Signatures]



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. Casdorff

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 J. Thomas, Jr. Richard E. Dlyns  
Bhajan S. Shuja William E. Verson



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

Handwritten signatures: [Signature 1], [Signature 2], [Signature 3], [Signature 4]



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

Loren D. Thomas, Jr.

Richard E. Dlyna

Bhajan S. Saha

William E. Verson

[Signature]

# 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. [Signature] President.  
E. [Signature] Secretary.

# 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.

BOARD PRESIDENT

# 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

---