



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***. 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*** with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header 1

List View

General Information

Procurement Folder: 915017


Procurement Type: Central Purchase Order

Vendor ID: 000000201753 

Legal Name: ALPHA ASSOCIATES INC

Alias/DBA:

Total Bid: \$0.00

Response Date: 08/11/2021 

Response Time: 10:07

Responded By User ID: JStemple 

First Name: Joanna

Last Name: Stemple

Email: joanna.stemple@thinkal

Phone: 3042968216

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: Building 106 Renovation Design
Camp Dawson 

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

CEOI 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

Website: 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

Proc Folder: 915017			Reason for Modification:
Doc Description: Building 106 Renovation Design Camp Dawson			
Proc Type: Central Purchase Order			
Date Issued	Solicitation Closes	Solicitation No	Version
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: [Signature] 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



[Signature: Joanna D Stemple]

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: _____

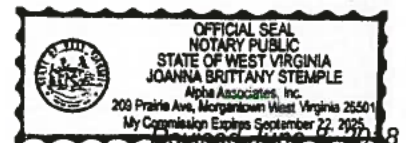


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August 11, 2021

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

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 State Park; Ritchie County, WV



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

CASEY SMITH

AIA ASSOC.; ARCHITECTURAL DESIGNER

☎ 304-296-8216 | 800-640-8216

✉ casey.smith@thinkalphafirst.com

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 Restaurant; 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



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

CHARLES B. BRANCH

PE; SENIOR PRINCIPAL & CIVIL ENGINEER

☎ 304-296-8216 | 800-640-8216

✉ chuck.branch@thinkalphafirst.com

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 Broadbush College, Rex Pyles Arena Deck; Phillippi, 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. 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 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.

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 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



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

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- › 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

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- › 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

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

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- › 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. Zambas 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 Stalnaker 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 Stalnaker 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

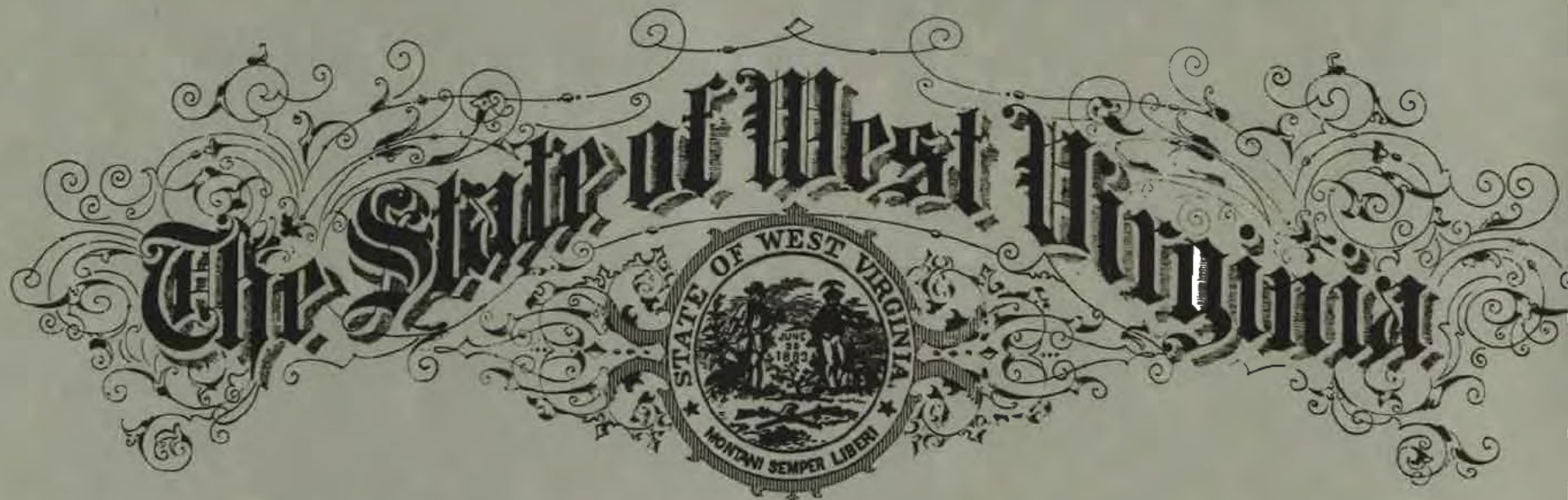
The New Castle Readiness Center consisted of two, two-story wings of the building with a one-story Maintenance Shop/Drill Hall which connects the two. The building is masonry type construction with stone, brick, and concrete block. Outside supporting facilities include military and privately-owned vehicle 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 Calvary 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 L. Gaddy

Secretary *Monroe P. Fickens* President
Kenneth H. Means *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

L. J. Puckett

By

Frank D. Goddy

L. J. Puckett, Jr.

[Signature]

[Signature]



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

Leland D. Thomas, Jr.

Richard E. Dlyns

Bhajan S. Saha

William E. Viersen

[Signature]



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. Nickles

Frank H. Naddy

W. L. Lunde
L. J. Lunde

W. B. Faulkner



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. Pierson

[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. Jones

President.

E. Keith Dean

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

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