



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 Contact Default Values Discount Document Information Clarification Request

Procurement Folder: 851767

Procurement Type: Central Contract - Fixed Amt

Vendor ID: 000000201753

Legal Name: ALPHA ASSOCIATES INC

Alias/DBA:

Total Bid: \$0.00

Response Date: 04/13/2021

Response Time: 11:49

Responded By User ID: JStemple

First Name: Joanna

Last Name: Stemple

Email: joanna.stemple@thinkalp

Phone: 3042968216

SO Doc Code: CEOI

SO Dept: 0310

SO Doc ID: DNR2100000001

Published Date: 4/6/21

Close Date: 4/13/21

Close Time: 13:30

Status: Closed

Solicitation Description: A/E Services-Tomblin WMA Elk Visitor Center (NEW)

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: 851767
Solicitation Description: A/E Services-Tomblin WMA Elk Visitor Center (NEW)
Proc Type: Central Contract - Fixed Amt

Solicitation Closes	Solicitation Response	Version
2021-04-13 13:30	SR 0310 ESR04132100000007010	1

VENDOR
000000201753
ALPHA ASSOCIATES INC

Solicitation Number: CEOI 0310 DNR2100000001
Total Bid: 0
Response Date: 2021-04-13
Response Time: 11:49:02
Comments:

FOR INFORMATION CONTACT THE BUYER
Joseph E Hager III
(304) 558-2306
joseph.e.hageriii@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	Civil engineering				0.00

Comm Code	Manufacturer	Specification	Model #
81101500			

Commodity Line Comments: Contract Amount N/A at this time.

Extended Description:

Architectural/engineering services and contract administration for the Tomblin WMA Elk Visitor Center.



**ARCHITECTURAL/ENGINEERING
SERVICES FOR
TOMBLIN WILDLIFE MANAGEMENT
AREA ELK VISITOR CENTER
CEOI 0310 DNR2100000001**

Architectural & Engineering Services

Public Notice Date: March 8, 2021

Submission Date: April 13, 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: 851767			Reason for Modification: Addendum #1 issued to extend bid due date and publish agency responses to vendor questions.
Doc Description: A/E Services-Tomblin WMA Elk Visitor Center (NEW)			
Proc Type: Central Contract - Fixed Amt			
Date Issued	Solicitation Closes	Solicitation No	Version
2021-04-06	2021-04-13 13:30	CEOI 0310 DNR2100000001	2

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

Address : 209

Street : Prairie Avenue

City : Morgantown

State : WV

Country : USA

Zip : 26501

Principal Contact : Richard A. Colebank

Vendor Contact Phone: 304-296-8216

Extension: 102

FOR INFORMATION CONTACT THE BUYER

Joseph E Hager III
(304) 558-2306
joseph.e.hageriii@wv.gov

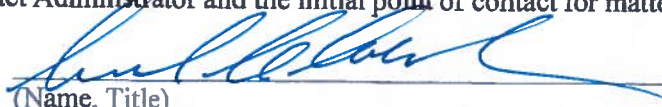
Vendor
Signature X

FEIN# 550516286

DATE 4-13-21

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.



(Name, Title)
Richard A. Colebank, President & COO

(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

(email address)

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

Alpha Associates, Incorporated

(Company)


(Authorized Signature) (Representative Name, Title)
Richard A. Colebank, President & COO

(Printed Name and Title of Authorized Representative)
4/13/2021

(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, Incorporated

Authorized Signature: *Joanna B. Stemple* Date: 4-13-21

State of West Virginia

County of Monongalia, to-wit:

Taken, subscribed, and sworn to before me this 13 day of April, 2021.

My Commission expires Sept 22, 2025, 20 .

AFFIX SEAL HERE

NOTARY PUBLIC

Joanna B. 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: 209 Prairie Avenue, Morgantown, WV 26501

Contract Number: CEOI 0310 DNR2100000001 Contract Description: A/E Services Tomblin WMA Elk Visitor Center

Governmental agency awarding contract: WV Division of Natural Resources

☐ 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.

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.

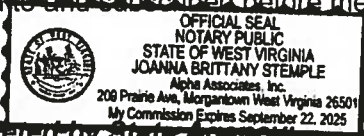
Signature:  Date Signed: 4/13/2021

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 13 day of April, 2021.




Notary Public's Signature

To be completed by State Agency:

Date Received by State Agency: _____

Date submitted to Ethics Commission: _____

Governmental agency submitting Disclosure: _____

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI DNR21*01

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

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

Addendum Numbers Received:

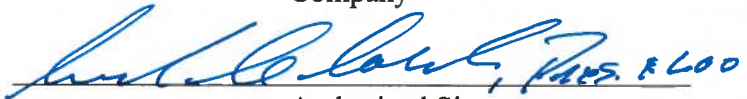
(Check the box next to each addendum received)

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

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

Alpha Associates, Incorporated

Company



Authorized Signature

4-13-21

Date

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

Revised 6/8/2012

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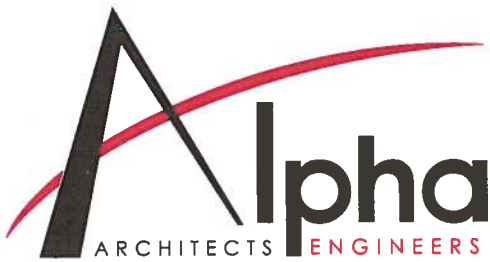
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April 13, 2020

Division of Natural Resources
Parks & Recreation – PEM Section
324 4th Avenue
South Charleston, WV 25305

Attn: Joseph E. Hager

RE: CEOI 0310 DNR2100000001
A/E Services Tomblin WMA Elk Visitor Center

Dear Mr. Hagar

Alpha Associates, Incorporated is pleased to submit this Expression of Interest to provide architecture, engineering and construction administration services for the Tomblin WMA Elk Restoration Visitor Center near Holden in Logan County, WV. Our ongoing experience with the WVDNR combined with the knowledge of our highly skilled personnel make us the perfect partnering firm for the Department of Natural Resources on this upcoming project.

Over the past 51 years Alpha has been providing high quality professional architectural and engineering design services to various clients throughout the State of West Virginia, including multiple WVDNR projects such as the Cass Scenic Railroad Clubhouse and the Hawks Nest CCC Museum and Picnic Pavilion.

The Project Team

Alpha Associates, Incorporated is a West Virginia owned and operated small business that offers several services under one roof, including architecture, civil and structural engineering, surveying, interior design, and construction administrative services. 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. H.F. Lenz will be the Mechanical, Electrical and Plumbing Consultants for this project.

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
Construction Administration

Project Understanding

The WV DNR is looking to partner with an architectural and engineering firm to provide architecture and engineering services to design and provide construction administration for the construction of the Elk Education/Visitor Center on Tomblin Wildlife Management Area. Services for this project will include all necessary designs and permitting including WV DEP.

Summary

Alpha's full team of architects, civil and structural engineers, landscape designers, surveyors, cost estimators, and construction administrators will prove to be a benefit to the WVDNR Parks and Recreation throughout this project. We are excited about the opportunity to work with the Division of Natural Resources to complete this project and look forward to discussing it with you in more detail.

Thank you for your time and consideration.

Sincerely,

ALPHA ASSOCIATES, INCORPORATED



Richard A. Colebank, PE, PS
President and COO

rick.colebank@thinkalphafirst.com



Johnstown Headquarters

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

Pittsburgh Office

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

Central Pennsylvania Office

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

Ohio Office

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

Connecticut Office

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



H.F. Lenz Company

H.F. Lenz Company was established 1946 in its present form, under the name H.F. Lenz Company, R.E., and in 1953 the company was incorporated, as a Private Corporation, in Pennsylvania as H.F. Lenz Company. Our staff consists of 160+ individuals, including 49 Licensed Professional Engineers and 20 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)

EXPERIENCED PROJECT TEAM

H.F. Lenz Company (HFL) has a long history of providing engineering services for state parks and visitor centers. This experience comes from several direct DCNR open-end contracts under which we have provided services at over 15 parks, contracts with PA DGS for state park projects including the Elk Country Visitor Center, Bald Eagle State Park and Cook Forest State Park, and other park experience that involved DCNR funding.

HFL has also been involved in the design of numerous projects for the National Park Service at more than 20 sites throughout the U.S. under the past three Indefinite Delivery/Indefinite Quantity Contracts that we have been awarded. While the Park Service does not register or submit projects to the U.S. Green Building Council, they do require that projects be designed utilizing the LEED Rating system concepts, within the constraints of the project's budget.

LEED®

Our firm has been a member of the U.S. Green Building Council since 2000 and we currently have 20 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.

STATEMENT OF QUALIFICATIONS.

Alpha Associates, Incorporated is a West Virginia-based architectural and engineering design firm that provides services in the areas of architectural design, interior design, construction administration, civil engineering, structural engineering, landscape design, project management, and surveying. Our clients benefit from our unique combination of extensive design and construction experience, advanced technological tools, dedicated principals and highly skilled staff members.

Since 1969, Alpha has had provided architectural and engineering design services for clients throughout the state of West Virginia. We have also designed several recreation projects and managed them through construction. Our work is diverse and includes clients in commercial, educational and governmental facilities, developers and private organizations. In this proposal, you will find examples that showcase the Alpha Team's exceptional project experience on similar park development.

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 drawings and specifications that will deliver our clients successful projects, completed on time and within budget.

Alpha has thrived for over 50 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 Tomblin Wildlife Management Area Elk Restoration Visitor Center Project 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 A. Colebank
PE, PS
Principal in Charge



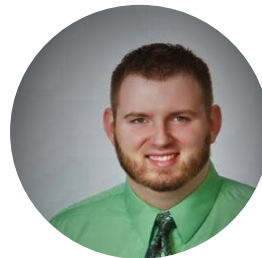
Charles Branch
PE
Senior Principal, Project Manager



Charles Luttrell
PE
Principal, Structural Engineer



Rebecca Key
AIA, LEED-AP
Director of Architecture



Casey Smith
AIA, Associate
Architectural Designer



Thomas F. Deter
PE, LEED AP
Principal in Charge
H.F. Lenz



John C. Stewart
PE, LEED AP
Mechanical Engineer
H.F. Lenz



Stephen P. Mulhollen
PE
Electrical Engineer
H.F. Lenz



Gregory D. Rummel, CPD
Plumbing/Fire Protection
Designer
H.F. Lenz

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 Casdorph
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 resources to the WV Division of Natural Resources for the Tomblin Wildlife Management Area Elk Visitor Center Project. Alpha has the qualified and experienced personnel, administrative support, along with the production equipment and resources to ensure the successful completion of any project over the next five years. We are confident in our ability to provide the WV DNR with a committed and dependable design team. Our multidisciplinary design team is prepared to meet and exceed the expectations of the WVDNR 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 19
 - REVIT (Editions up to 2020)
 - 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
- Clarksburg State Office Building; Clarksburg, WV
- College of Physical Activity & Sports Science; Morgantown, WV
- WVDOH Open End Engineering Contract; WV
- WVDOH Deckers Creek Pedestrian Bridge; Morgantown, WV
- 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

WVU 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



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



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 Broadus 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

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

Elk Country Visitor Center, PA DCNR, Forest District # 13 -
Benezette Township, Pennsylvania

- › New 8,500 sq.ft. Elk Viewing Center which contains a 4D theatre, hands-on education center, various exhibits, gift shop, office space, several elk viewing blinds and an outdoor amphitheater - LEED Gold
- › 3,200 sq.ft. ECCO (Elk Country Campus Outdoors) Building
- › New generator - *Current project*

New Wildlife Center, PA Game Commission, Ford Island in
Pymatuning Reservoir, Pennsylvania

- › New 10,000 sq.ft. Wildlife Center with visitor and educational areas and an outdoor viewing area - *Current project*

Bald Eagle State Park, PA DCNR, Howard, Pennsylvania

- › Renovation of the 895 sq.ft. existing building and a new 5,738 sq.ft., two-story addition

Penn Nursery, PA DCNR, - Spring Mills, Pennsylvania

- › New 8,000 sq.ft. office building designed to attain LEED™ Gold

Cook Forest State Park, PA DGS, – Cooksburg, Pennsylvania

- › New 4,087 sq.ft. Cook Forest State Park Office/Visitor Center

Rock Run Visitor Center, Patton, Pennsylvania

- › New 2,000 sq.ft. Welcome Center for a new ATV park. The facility incorporates offices, a meeting area, toilet rooms and storage, outdoor shower areas and camp grounds



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

PROFESSIONAL REGISTRATION / CERTIFICATION

Licensed Professional Engineer in Pennsylvania; LEED Accredited Professional

PROFESSIONAL AFFILIATIONS

ASHRAE; APPA; U.S. Green Buildings Council

PROJECT EXPERIENCE

Elk Country Visitor Center, PA DCNR, Forest District # 13 - Benezette Township, Pennsylvania

- › New 8,500 sq.ft. Elk Viewing Center which contains a 4D theatre, hands-on education center, various exhibits, gift shop, office space, several elk viewing blinds and an outdoor amphitheater - LEED Gold
- › 3,200 sq.ft. ECCO (Elk Country Campus Outdoors) Building
- › New generator - *Current project*

New Wildlife Center, PA Game Commission, Ford Island in Pymatuning Reservoir, Pennsylvania

- › New 10,000 sq.ft. Wildlife Center with visitor and educational areas and an outdoor viewing area - *Current project*

Bald Eagle State Park, PA DCNR, Howard, Pennsylvania

- › Renovation of the 895 sq.ft. existing building and a new 5,738 sq.ft., two-story addition

Penn Nursery, PA DCNR, - Spring Mills, Pennsylvania

- › New 8,000 sq.ft. office building designed to attain LEED™ Gold

Cook Forest State Park, PA DGS, – Cooksburg, Pennsylvania

- › New 4,087 sq.ft. Cook Forest State Park Office/Visitor Center

Rock Run Visitor Center, Patton, Pennsylvania

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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

Elk Country Visitor Center, PA DCNR, Forest District # 13 -
Benezette Township, Pennsylvania

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- › 3,200 sq.ft. ECCO (Elk Country Campus Outdoors) Building
- › New generator - *Current project*

New Wildlife Center, PA Game Commission, Ford Island in
Pymatuning Reservoir, Pennsylvania

- › New 10,000 sq.ft. Wildlife Center with visitor and educational areas and an outdoor viewing area - *Current project*

Bald Eagle State Park, PA DCNR, Howard, Pennsylvania

- › Renovation of the 895 sq.ft. existing building and a new 5,738 sq.ft., two-story addition

Penn Nursery, PA DCNR, - Spring Mills, Pennsylvania

- › New 8,000 sq.ft. office building designed to attain LEED™ Gold

Cook Forest State Park, PA DGS, – Cooksburg, Pennsylvania

- › New 4,087 sq.ft. Cook Forest State Park Office/Visitor Center

Rock Run Visitor Center, Patton, Pennsylvania

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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.

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.

PROJECT EXPERIENCE

Elk Country Visitor Center, PA DCNR, Forest District # 13 -
Benezette Township, Pennsylvania

- › New 8,500 sq.ft. Elk Viewing Center which contains a 4D theatre, hands-on education center, various exhibits, gift shop, office space, several elk viewing blinds and an outdoor amphitheater - LEED Gold
- › 3,200 sq.ft. ECCO (Elk Country Campus Outdoors) Building
- › New generator - *Current project*

New Wildlife Center, PA Game Commission, Ford Island in
Pymatuning Reservoir, Pennsylvania

- › New 10,000 sq.ft. Wildlife Center with visitor and educational areas and an outdoor viewing area - *Current project*

Bald Eagle State Park, PA DCNR, Howard, Pennsylvania

- › Renovation of the 895 sq.ft. existing building and a new 5,738 sq.ft., two-story addition

Penn Nursery, PA DCNR, - Spring Mills, Pennsylvania

- › New 8,000 sq.ft. office building designed to attain LEED™ Gold

Cook Forest State Park, PA DGS, – Cooksburg, Pennsylvania

- › New 4,087 sq.ft. Cook Forest State Park Office/Visitor Center

Rock Run Visitor Center, Patton, Pennsylvania

- › New 2,000 sq.ft. Welcome Center for a new ATV park. The facility incorporates offices, a meeting area, toilet rooms and storage, outdoor shower areas and camp grounds

Daniel Stowe Botanical Garden - Belmont, North Carolina

- › New 11,000 sq.ft. facility, designed to be utilized for meetings, events, and receptions. In addition to the conservatory and head house, it contains classroom space, offices, public restrooms, and storage space

STATE BUILDING 25 ADA ENTRANCE SOLUTION

Parkersburg, WV; 2020

The existing main entrance of the State Office Building was not only failing, and pulling away from the building, it did nothing to enhance the entrance to the building. The solution was to celebrate the entrance and showcase the ramp, so that it would be a truly universal design for all visitors and staff to the building.

The new entrance incorporates the same “rain screen” system on the façades as the dominate street facing facades of 5th & Avery Street. The ramp is an intersection of stairs, landings, and a curved sloping ramp, of poured concrete and stainless steel railings. The changes in elevation provide a new area for a landscaped garden.

At a Glance:

CLIENT: State of West Virginia
LOCATION: Parkersburg, WV
COMPLETION DATE: 2020
SIZE: Building Exterior
CONSTRUCTION COST: \$2,924,450

Project Contact:

Scot Casdorph, A&E Manager
112 California Ave.
Bldg. 4 5th Floor
Charleston, WV 25305
304-957-7145



HAWKS NEST STATE PARK PICNIC PAVILLION

Anstead, WV; 2011

The picnic pavilion at the Hawks Nest State Park, located off of Route 60 in Anstead, West Virginia, was established under The New Deal. The main goal of restoration was to provide guests with an esthetically pleasing historic site during their visit at Hawks Nest State Park. Alpha Associates, Incorporated provided plans for the park to restore the pavilion. These plans included the repair and repoint of fireplace and surround wall, cleaning existing foundation drains, clear vegetation away from building, recapping chimney, roof repair, and installation of a waterproof wall to prevent water damage.

At a Glance:

CLIENT: WV DNR Parks & Recreation

LOCATION: Anstead, WV

COMPLETION DATE: 2011

Project Contact:

Brad Leslie

324 4th Street

Charleston, WV 25303

304-558-2764



NORTH FORK HUGHES RIVER RECREATIONAL DESIGN

Ritchie County, WV; 2009

Alpha Associates, Incorporated provided architectural, engineering and landscape design for the implementation of a \$12 million Master Plan for the USDA Camping Area.

The project included:

- Restrooms and Bath Houses
- Amphitheater
- Trails
- Parking Areas
- Check in Building
- Water Transmission and Distribution
- Navigational Aids
- Camping Areas
- Picnic Areas
- Sports Fields
- Roadways
- Maintenance Building
- Sewage Collection and Treatment

At a Glance:

CLIENT: USDA
LOCATION: Ritchie County, WV
COMPLETION DATE: 2009
SIZE: Over 100 Acres
CONSTRUCTION COST: \$12 Million

Project Contact:

Sam Ware
91 Boyles Lane
Parkersburg, WV 26104
304-422-9072



CASS SCENIC RAILROAD— CLUBHOUSE RENOVATION AND RESTORATION

Cass, WV; 2009

Alpha performed an evaluation of the building condition, structural foundation, and MEP systems for the Clubhouse to document the historic structure and determine the highest and best use for the long vacant building. Alpha then designed the renovation of this historic landmark originally built in 1916, following all Department of Interior Guidelines for Preserving Historic Buildings.

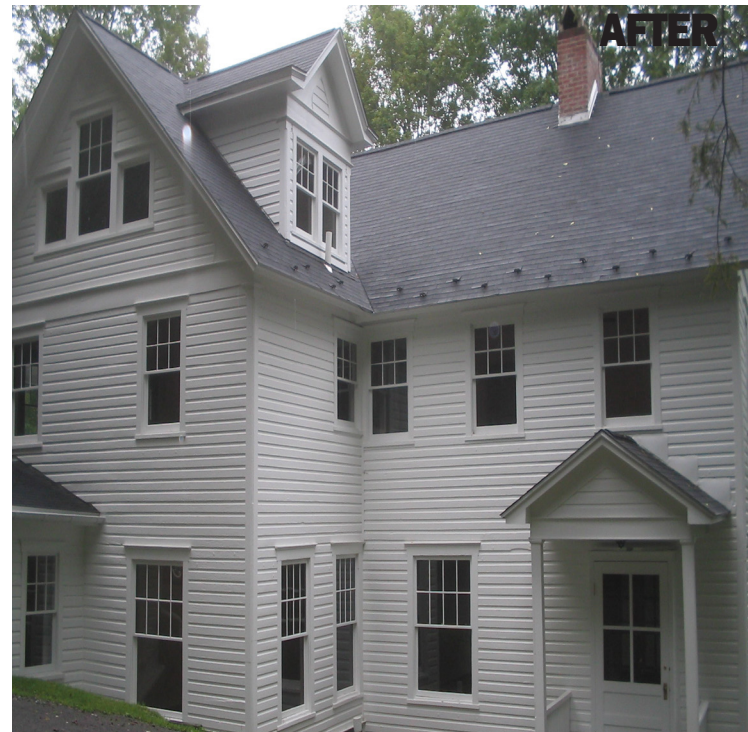
Renovation of the Cass Clubhouse was first developed as a lodge concept. When that was deemed too costly, the renovation/restoration design was confined to the exterior of the building shell and first floor. This stabilized the building and fixed major problems while allowing the first floor to be operated as a museum.

At a Glance:

CLIENT: WV DNR
LOCATION: Cass, WV
COMPLETION DATE: 2009
SIZE: Bldg: 5,163 Square Feet
CONSTRUCTION COST: \$505,000; \$75,617 Fee

Project Contact:

Brad Leslie
324 4th Street
Charleston, WV 25303
304-558-2764



I-77 WELCOME CENTER

Williamstown, WV; 2004

The I-77 Welcome Center in Williamstown, WV was designed for the West Virginia Division of Highways. The building is designed using native West Virginian materials as a central design theme. The design has steeply sloped, metal-clad roofs evocative of West Virginia's hills. Exposed heavy timber framing, native ledge rock stonework and rough-cut cedar siding are used both inside and outside of the building as a symbolic reminder of the beauty and ruggedness of the State's rustic environment.

The Welcome Center is a single-story building of approximately 7,700 square feet in area. It has separate spaces for public restrooms, vending, landscaped sitting "mall", arts and crafts display and offices. A state of the art, multiple-monitor, computerized theater having multi-media presentation capabilities is also included, as well as interactive computer kiosks bringing the latest updates on regional and state-wide information (such as accommodations, travel conditions, weather and festival events) to residents and visitors alike.

At a Glance:

CLIENT: WV Division of Highways
LOCATION: Williamstown, WV
COMPLETION DATE: 2004
SIZE: Bldg: 7,700 Square Feet
CONSTRUCTION COST: \$4.9 Million

Project Contact:

Dirar Ahmad
State Capital Complex
Bldg. 5, Room 317
Charleston, WV 25301
304-558-9721





Elk Viewing Center

Benezette Township, Pennsylvania

NEW ELK VIEWING CENTER

H.F. Lenz Company provided MEP/FP and civil engineering services for a new visitor center in Benezette Township, Forest District #13. The project included a new 8,500 sq.ft. building, several elk viewing blinds, an outdoor amphitheatre, trails, entrance road and parking areas. The goals of the project were to take advantage of the existing landscape to create a center that would lend itself to viewing elk nearby, while minimizing disruption to the natural in and around the center for educating the public on the importance of the natural environment. The visitor center contains a 4D theatre, observation and display gallery, hands-on education center, gift shop and office space. It serves as a living classroom, using "green technology" throughout to present the story of the eastern elk.

PROJECT FEATURES

- › Energy efficient design
- › Rustic design
- › Designed to be a "living classroom"
- › Educational spaces
- › Outdoor amphitheatre
- › Various types of outdoor recreational spaces
- › Nature viewing areas
- › Office spaces
- › Maintenance facilities

THE PROJECT ALSO INCLUDED:

- › Rainwater harvesting system and domestic well water
- › Electric service extension
- › Ground-couple heat pump system
- › Outdoor air energy recovery ventilator
- › Energy efficient lighting
- › Light pollution reduction
- › Low-flow and waterless fixtures

This project has attained a LEED™ Gold Rating.

Subsequently we were retained to provide the engineering services for a separate 3,200 sq.ft. ECCO Building (Elk Country Campus Outdoors). The facility is utilized for education and social activities including reunions, wedding and other events. Engineering features include a bio-mass boiler for heating and six-zone radiant floor heating system.

We are currently providing the engineering services for a new generator at the Visitor Center.

Completion Date: 2010 (Main Visitor Center)
Construction Cost: \$5,200,000

Project Owner / Contact

Rocky Mountain Elk Foundation

Mr. Steve Mecca

Maintenance Coordinator

(814) 787-5172

SteveM@KeystoneElkCountryAlliance.com



Pennsylvania Game Commission

State Game Lands #214, Ford Island in Pymatuning Reservoir

NEW WILDLIFE CENTER

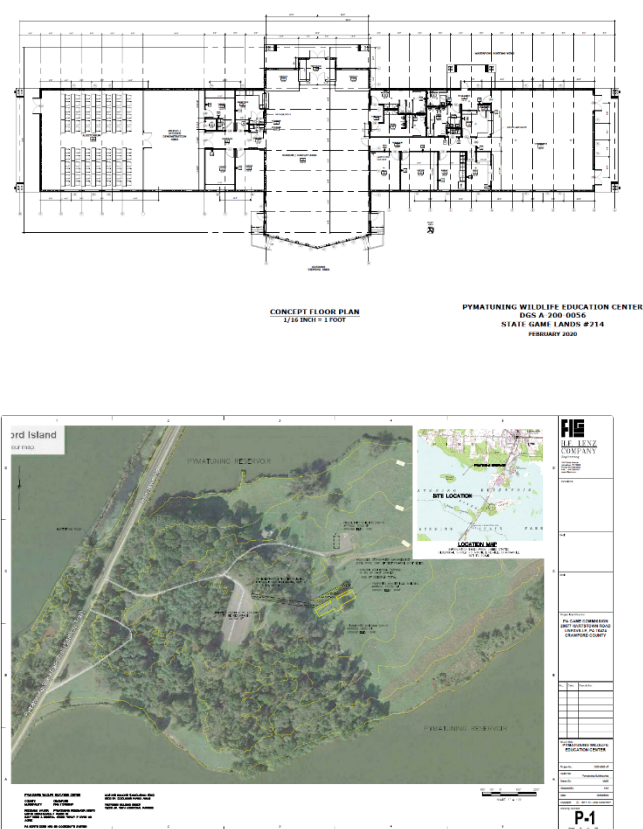
H.F. Lenz Company was recently retained to provide full mechanical, electrical, plumbing, civil, and structural engineering services for the construction of a new 10,000 sq.ft. Wildlife Center. The goals and objectives of this project are to construct a state-of-the-art, comfortable, flexible and energy efficient facility that will be a major attraction to visitors, tourists, wildlife enthusiasts and hunters in the Pymatuning area and northwest Pennsylvania. The facility will be designed to meet the current and future needs of the PGC and the public for wildlife viewing, education, and waterfowl hunting in the area. The design intent is to provide a building that is rustic in appearance and will include provisions for an outdoor viewing area on the east side. There is an existing parking lot and wildlife walking trail system at the site.

Features of the project will include:

- › Geothermal HVAC system
- › Electrical service and distribution system to meet the anticipated new addition loads
- › LED lighting fixtures and digital lighting controls
- › A new parking area
- › Resurfacing of the existing parking area
- › A driveway to connect the new parking area to the existing parking area
- › Paved walking paths to connect to the existing paved trail system
- › New landscaping around new building
- › A new storm water system
- › Domestic water service extended from the new potable water well
- › The building structure will be configured as slab-on-grade, shallow spread footings and utilize ICF or wood stud exterior bearing walls. The roof structure will utilize wood or steel roof trusses.
- › Evaluate the potential for incorporating a Photo Voltaic collection system to offset electrical energy usage

The building design will comply with the PA Governor's Office Executive Order 2019-01 and constructed as a high-performance building achieving a 10-percent reduction in energy consumption over ANSI/ASHRAE/IES Standard 90.1.2016.

The project is currently in design. Estimated Construction Cost: \$4 million.





Sandstone Visitor/Orientation Center

New River Gorge National River, Summers County, West Virginia

NEW VISITOR/ORIENTATION CENTER

The H.F. Lenz Company provided MEP/FP and civil/site design services for a new visitor/orientation center in Summers County, West Virginia. The new visitor center functions as a gateway to the southern end of the New River Gorge National River, a fifty-mile long, 62,000-acre national river corridor located in the Appalachian Mountains in southern West Virginia. It was the desire of the entire project team to have the new visitors center exhibit a harmony with nature, integrated into the surrounding natural environment, and conserve our natural resources. The project embodies the principles of sustainable design, takes advantage of available renewable energy sources, and interprets the southern region of the New River Gorge.

The project, located along Interstate 64, in a remote area of West Virginia had limited public utilities. Power was available, but water for domestic and fire protection; and sanitary sewer did not exist. As a result, an on-site water well was drilled and pumped to a new storage tank located in the hilltop above the site was provided. A constructed wetlands design was developed to treat the sanitary waste and recover gray water for non-potable use; however, prior to construction, public sewer was extended past the site to serve the nearby town of Sandstone and the project was obligated to connect to the public system.

The project was designed to obtain a LEED 2.0 Platinum Rating.

Key features of the 11,000 sq.ft. visitor center:

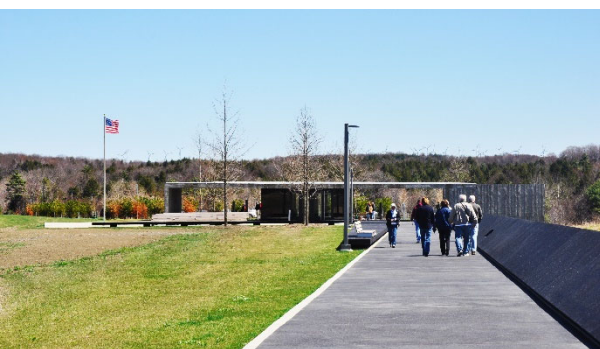
- › Visitor Orientation
- › Permanent and Changing exhibit areas
- › Auditorium
- › Gift shop
- › Administrative offices
- › Visitor Comfort Station
- › Daylight harvesting in administrative areas.
- › Geothermal heating and cooling
- › Exterior exhibits and teaching/work areas.
- › 30,000 gallon dual fire and domestic water storage
- › Site restoration and ground water recharge systems.

Completion Date: 2003

Construction Cost: \$6,000,000

Project Owner / Contact

National Park Service
Denver Service Center
12795 West Alameda Parkway
Denver, CO 80225-0287
Mr. Randy Copeland / 303-969-2459



Flight 93 Memorial (National Park Service)

Shanksville, Pennsylvania

NEW MEMORIAL AND VISITOR CENTER

The Flight 93 National Memorial was mandated by Congress which established the Flight 93 Advisory Commission to make recommendations by September 25, 2005 regarding the design, management and boundaries of a national memorial to honor the passengers and crew of Flight 93 and begin construction there after. In 2007, initial schematic design services were completed for Phase I of the National Memorial, which resulted in the development of three sub-phases 1A, 1B and 1C based on the availability of funding for the project. H.F. Lenz Company has provided MEP/FP and Civil Engineering services for the development of Park and its facilities.

Phase 1B of the project, completed in 2015, and consisted of the design of the Visitor Center, Memorial Walls, Flight Path, Pedestrian Bridge, Visitor Comfort Station and Learning Center. The project has been registered with the US Green Building Council under the LEED NC v2009 Rating System and upon completion of the LEED Online design submission has achieved 42 of the 60 points and is **LEED Gold**.

Key features of the 12,500 sq.ft. visitor center:

- › Usage by 1,400 to 2,000 people per day
- › Exhibition and Orientation Space
- › Learning Center
- › Comfort Station
- › The Project has received 19 of 19 points for EAc1 Optimize Energy Performance achieving and energy cost savings of 49.3% over the ASHRAE 90.1-2007 Basecase
- › Central geothermal heating/cooling plant
- › Displacement ventilation system air handling system design coupled with radiant ceilings
- › High efficiency LED light sources

We also provided the mechanical, electrical, and civil engineering services for the new 93-foot Tower of Voices on the site.

Completion Date: 2019
Construction Cost: \$57,000,000

Project Owner / Contact
 National Park Service
 Flight 93 National Memorial
 P.O. Box 911
 Shanksville, PA 15560
 (814) 893-6322
 Mr. Paul Rothgery / 303-987-6685
 Email: Paul_Rothgery@nps.gov



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

By
Secretary: *Monroe P. Jickles* President: *Robert B. Scott*
Kenneth H. Means



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

Ed. Beckly

By

Frank D. Goddy

L. J. Dumas, Jr.

[Signature]

[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. G. Jones

President.

E. J. Smith

Secretary.



STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

To all to whom these presents shall come Greeting

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

Bradley H. Casdorph

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

REGISTERED PROFESSIONAL ENGINEER

Registration Number [REDACTED]

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



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

Members of the Board

Leonard D. Timms, Jr.

Richard E. Dlyns

Bhajan S. Shuja

William E. Viers

[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

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

Leonard D. Turner, Jr.

Richard E. Dlyns

Blair S. Smith

William E. Penson

[Signature]

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*

*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:*

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

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Region 9 Planning & Development Council
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Martinsburg, WV 25401
(304)-263-1743

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Charleston, WV 25305

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

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City of Morgantown
389 Spruce Street
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304-284-7412