




**State of West Virginia
Agency Expression of Interest
Architect/Engr**

Proc Folder: 1393933			Reason for Modification:
Doc Description: A&E Service- Hamblin Hall Elevator Renovation/Modernization			
Proc Type: Agency Contract - Fixed Amt			
Date Issued	Solicitation Closes	Solicitation No	Version
2024-03-12	2024-03-28 14:30	AEOI 0490 WSC2400000005	1

BID RECEIVING LOCATION
<p>WEST VIRGINIA STATE UNIVERSITY 5000 FAIRLAWN AVENUE FERRELL HALL RM 301 INSTITUTE WV 25112</p>

VENDOR
<p>Vendor Customer Code:</p> <p>Vendor Name : Alpha Associates, Incorporated</p> <p>Address : 209 Prairie Avenue</p> <p>Street : 209 Prairie Avenue</p> <p>City: Morgantown</p> <p>State : WV Country : US Zip : 26501</p> <p>Principal Contact : Richard A. Colebank, PE, PS; Preident & COO</p> <p>Vendor Contact Phone: (304) 296-8216 Extension: 102</p>

<p>FOR INFORMATION CONTACT THE BUYER</p> <p>Jerry D Rush 304-558-3397 jerry.rush@wvstateu.edu</p>
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<p>Vendor Signature X  FEIN# 550516286</p>	<p>DATE 28 March 2024</p>
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All offers subject to all terms and conditions contained in this solicitation



**WEST VIRGINIA STATE
UNIVERSITY**

Architectural & Engineering Services

AEOI WSC2405 – Hamblin Hall Elevator Renovation/Modernization

March 28, 2024



Alpha Associates, Inc.

Morgantown, WV 26501 | Martinsburg, WV 25401

Richard Colebank, PE, PS; President & COO

304.296.8216 ext. 102

rick.colebank@thinkalphafirst.com

<http://thinkalphafirst.com>

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SECTION A
GENERAL FIRM INFORMATION



28 March 2024

**West Virginia State University
5000 Fairlawn Avenue
Ferrell Hall, Rm 301
Institute, WV 25112**

Attn: Jerry Rush, Director of Purchasing

**RE: AEOI WSC2405 A&E Services
West Virginia State University, Hamblin Hall Elevator Renovation/Modernization**

Dear Mr. Rush,

Alpha Associates, Incorporated is pleased to submit our expression of interest to provide architectural and engineering design services requested for the Hamblin Hall Elevator Renovation/Modernization project at West Virginia State University located in Institute, WV. Our team not only possesses the capabilities and experience required, but also the passion to provide West Virginia State University with the elevator replacement needed for a safer environment for students, staff, and WVSU community. We are committed to providing your faculty with a design team that will not only meet but will surpass your expectation.

Project Experience

Alpha has extensive expertise and understanding when it comes to the design and renovation of Higher Education Facilities, having completed numerous college-level projects across the State of West Virginia. In addition to our Higher Education experience, Alpha's 54+ years of experience included partnerships with numerous Federal, State, and local governments to provide architectural and engineering services for projects around West Virginia, including our recent 23,089 square foot, ADA compliant elevator replacement project completed for the Wyoming County Commission at the Wyoming County Courthouse. Due to the building's historic nature, modifications and improvements were also made to their existing handrails; however, Alpha preserved the original wood staircase that encircles the elevator. More of our relevant

project experience includes the evaluation, renovation, design, and construction of a variety of office spaces including Building 770 at the West Virginia Regional Technology Park in Charleston, West Virginia, as well as the West Virginia State Office Building in Clarksburg, West Virginia, the Monongalia County Sheriff's Building in Morgantown, WV, the renovation of the Monongalia County Family Court, and the recently finished headquarters for the West Virginia Division of Highways District 7 for a multipurpose building that will house four different departments.

Currently, Alpha is engaged with West Virginia University to provide open-ended architectural and engineering services for design and implementation of projects across WVU's locations and various affiliated campuses. Our firm possess the capabilities and motivation necessary to assist our clients with achieving all project goals whether they be formally stated before kick-off or noticed after completion. We will ensure that both budget and schedule are met while maintaining the goals for the project.

Design Team

Alpha Associates, Inc. is a West Virginia owned and operated architectural and engineering design firm with office locations in Morgantown and Martinsburg. Our professional staff includes architects, civil and structural engineers, surveyors, cost estimators, field service representatives, landscape designers, interior designers, and technicians. We are well equipped to effectively and efficiently manage and produce your proposed project. Alpha's in-house combination of architectural design, civil and structural engineering will prove to be beneficial to your project. This project will be closely managed by Alpha's Corporate Office located in Morgantown, WV.

Project Understanding

West Virginia State University is seeking professional A/E design services for an elevator renovation/modernization project located on campus at Hamblin Hall. This building houses the College of Natural Sciences and Mathematics with offices, classrooms and laboratories for Biology, Chemistry, Physics and Biotechnology, as well as, the university computer center. The University is requesting design services for a complete elevator renovation/modernization. If selected, Alpha has the required knowledge and experience to provide project estimation, design, bidding, construction administration and post-contract services from within our Morgantown office.

Summary

The Alpha Team is looking forward to building a successful relationship with West Virginia State University by providing client centered design solutions. We are committed to providing the University's faculty, students and community with a design team that will surpass your every expectation. If you have any questions or wish to further discuss this project, please contact me at (304) 296-8216 ext. 102. We look forward to presenting our qualifications to you in a formal interview.

Sincerely,

ALPHA ASSOCIATES, INCORPORATED



Richard A. Colebank, PE, PS

President and COO

rick.colebank@thinkalphafirst.com

304.296.8216 ext. 102



Two West Virginia Owned and Operated offices in Morgantown and Martinsburg which offer multiple in-house services. Everyone at Alpha Associates, Inc. shares the same goal of exceeding expectations and successfully accomplishing projects.

Architecture

Commercial

Public

Private

Residential

Civil/Structural Engineering

Enhance

Conservational

Leadership

Surveying

Accurate

Clearly Communicated

State-of-the-Art

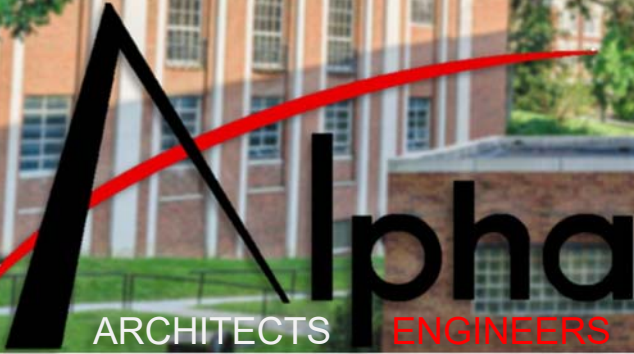
Alpha's clients are served by a local, unique combination of professionals who provide top-notch architectural design, civil engineering and structural engineering. The Alpha design experience begins with the design staff listening, interpreting, reviewing and designing what you, the client, wants. The conclusion of the design process is not the end of Alpha's involvement in your project. Alpha's staff will stay involved until your project is constructed.

"The engineer always has been, and is, a maker of history."

- James Kip Fitch

Throughout Alpha's decades of practice, our architects and engineers work closely, making history every day. With support from the Alpha Team, one can truly create a sense of place and a proper environment for the built atmosphere.

The firm mantra has always been to "*do good work*" and that philosophy is carried on today.



West Virginia University – Armstrong Hall Roofing Project

“Creating client-focused, innovation designs with quality and value that are sustainable and cost-effective”

LOCATIONS:

209 Prairie Avenue
Morgantown, WV 26501
304.296.8216

535 West King Street
Martinsburg, WV 25401
304.264.0051

WEBSITE:

<https://thinkalphafirst.com/>

EMPLOYEES:

21

Webster’s dictionary defines Alpha as “the first, the beginning”. In the case of Alpha, the beginning was 1969 and the location was Morgantown, West Virginia. Since 1969, Alpha has earned a reputation for producing exceptional architectural and engineering designs for high profile organizations. By 1995, Alpha’s client base had grown, demanding the need for a second location. The Eastern Panhandle of West Virginia was selected and the planning began.

The Eastern Regional Office is located in Historic Downtown Martinsburg and is conveniently located to serve clients in West Virginia, Maryland, Virginia and Pennsylvania. We continue to raise the bar with a design studio of cross-disciplined professionals that embrace technology and innovation while treating you, the client, with respect and dignity.

As you travel through the region, you will find Alpha’s influence on the built environment, especially in West Virginia. Alpha’s local project success reflects an architectural studio which encourages creativity and flexibility. Continuing the focus of success, Alpha’s architectural and engineering teams are experts with the planning of solutions for complex issues even before facing them head-on. Alpha’s team consists of industry leaders, consistently being called upon for advice and guidance for the future. Alpha Associates, Inc. will surpass all expectations while maximizing the client’s, your, vision.

With our client-first mission, we design spaces for now and the future.

Think Alpha First!

STATEMENT OF QUALIFICATIONS.

Alpha Associates, Incorporated is a local, West Virginia based Architectural/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. Alpha's work is diverse and includes clients in commercial, educational and government facilities, developers and private organizations.

Since 1969, Alpha's team provided architectural/engineering design services throughout the State and surrounding areas. For over 54+ years, we have worked with numerous local, state, and federal government entities on multiple projects of varying sizes and types. No project is too big or too small for us. Our team of licensed architects and engineers have recent, relevant experience with land assessment, civil/site planning, schematic and design layout, document preparation, and construction/bid administration to complete projects seamlessly.

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 take every step necessary to successfully complete and surpass a given project. We act in the client's best interest.

Everyone at Alpha, no matter the given role, all work towards the same goal of achieving success for not the project but the client too. Our principals are involved with all projects from the earliest stages through to the final completion and even beyond. They will consistently update you on your projects by using effective communication tools to manage the projects and all involved parties. Our skilled staff of architects, engineers, surveyors and administrative personnel at Alpha are professionals dedicated to providing superior services to the State of West Virginia and surrounding areas. While our staff is large enough to handle any size project, our firm is also capable of being small enough to give each and every one of our projects the individual attention to details it deserves. Alpha's local and unique approach to projects ensures success for all our clientele.



SECTION B
TECHNICAL EXPERTISE

SCHEDULE & BUDGET.

Project Track Record

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; however, the determining factor is the tools a firm utilizes to achieve the budgets, in regards to funds at that time. Alpha utilizes a number of both traditional & modern tools to exceed our client's expectations.

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

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

Successful Project Management/Schedule

Successful project management depends on consensus regarding work efforts, milestones and goals. Our team has found the development of detailed work plans, which delineate tasks and deliverables for each project phase, in consort with the client and full project team, is the most effective approach with establishing expectations of 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 the Owner and user reviews, comments and/or approvals.

Developing an overall project schedule is a critical task that must take account of many factors: building type, owner's desired occupancy, scope of work & level of documentation, whether contract(s) is bid or negotiable, available fee, and experiences on similar projects. Once the design process begins, a comprehensive, realistic project schedule can be developed and communicated to all involved.

In a world where "time is money", the schedule of a project is as important as controlling the cost. Alpha works diligently to control the budget of a project and avoid the "scope creep" which can occur.

Alpha's Unique In-House Features

Alpha's in-house cost estimators combined with our excellent relationships with contractors throughout the State provides the client with the most accurate estimates early in the design process. The Alpha estimators begin at the schematic design phase of the project and develop a line-item estimate of probable construction costs which can be carried through each of the project phases. At each phase, the estimate is updated to include a more detailed evaluation for enhanced accuracy. When updating estimates, specific increases or decreases can be identified allowing the owner to make informed decisions on important budget issues for the project.

Many projects use alternatives to control the budget through obtaining actual contractor pricing during the bid process. This allows flexibility in the owner's determining costs of portions for the project which may be optional and/or critical for budget control.



CAPACITY & SOFTWARE.

OUR CAPABILITIES

Alpha Associates, Incorporated is prepared to commit staff and resources to your project. Alpha has the qualified and experienced personnel, administrative support, along with the production equipment and resources, to ensure the successful completion of this project. We are confident in our ability to provide you with a committed and dependable design team. Our multidisciplinary design team is prepared to meet and exceed the expectations for your project 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 of 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:

- α AutoCAD24
- α REVIT
- α Civil 3D
- α RISA 3D
- α RISA Foundation
- α MathCAD Prime
- α DJI Phantom 4 RTK Drone
- α Office 365
- α Autodesk Civil 3D
- α Autodesk Suite
- α Autodesk Revit
- α Bentley Open Bridge Modeler & Designer
- α Enercalc
- α AutoTURN
- α TopCON GR5 GPS System
- α TopCON Total Station with Reflector-less Capabilities
- α Carlson Surveyor & Data Collector



FUNDING EXPERIENCE

Throughout our 54 years of business, Alpha Associates, Incorporated has worked with multiple funding agencies on projects, including State and Federal dollars. Our funding experience includes:

- State and Federal ARRA Funds
- West Virginia Infrastructure Loan Program
- HUD Grants and Loans
- West Virginia Economic Development Grants and Loans
- Transportation Enhancement Grants
- West Virginia State Historic Preservation Office Funds
- Small Cities Block Grants
- Tax Increment Financing
- BIG Grant (Boating Infrastructure Grant)
- USDA Rural Development/Rural Utility Service- Grants and Loans
- ARC
- School Building Authority of West Virginia
- WV DEP Revolving Loan Fund
- WV Bureau of Health Clean Water Loan Fund
- Private Bond Sales



LEED/SUSTAINABILITY

As the intellectual landscape of the new century becomes more and more environmentally conscious, there is increasing demand to see this attitude reflected in the “built environment” with which we surround ourselves. The measure of a project’s success is increasingly dependent on its environmental, as well as economic and social innovation. A truly holistic approach to sustainable design must recognize the impacts of every design choice on natural and cultural resources. Aside from being attractive and enjoyable for humans, sustainable projects promote biological diversity, contribute to the quality of the air and water and reduce the impacts of construction and human use to help preserve the planet for future generations.

Alpha Associates, Incorporated understands the importance of sustaining the environment for future generations. Alpha works closely with the client to determine the level of environmental impact that the project will have. For example, Alpha works very hard to preserve and reuse equipment and building materials where necessary. Projects that have been designed include reuse of elements from stained glass windows to commercial cafeteria equipment.

Our Design Team will make sure your facility is designed with cost effective, energy conserving features. Where appropriate, we provide the ability to obtain any level of LEED Certification that you may desire, or we can simply utilize the principals of sustainable design to benefit your project.



The firm currently has three professional staff members who are LEED Accredited Professionals. We have two projects that are LEED registered; The FBOP Hazelton Facility and the new State Office Building in Clarksburg, WV.

MEET THE ALPHA TEAM.

MANAGERS

Richard W. Klein
PE, PS
Chairman

Richard A. Colebank
PE, PS
President & COO

ARCHITECTURE

Rebecca Key
AIA-LEED-AP
Director of
Architecture

Casey Smith
AIA Associate
Architectural
Designer

Todd Lewis
AIA Associate
Architectural
Technician

Alex Hail
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

Kevin McClung
Engineering
Technician

Barbara Kerns
Survey Crew
Representative

Nick Perry
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

Alexis Petrovsky
Marketing Coordinator

Kim Coolmer
Administrative Assistant

SECTION C
MANAGEMENT AND STAFFING CAPABILITIES

KEY PERSONNEL.

TO BE ASSIGNED TO YOUR PROJECT

All work performed for West Virginia State University will be managed out of Alpha's Morgantown office. In addition to your dedicated project team, Alpha's staff of 21 includes engineers, architects, architectural designers, technicians and support staff that are available to assist you with any potential project need. Rick Colebank will serve as the project's Principal-in-Charge and Chuck Branch will serve as the day-to-day contact for the Project Team.



Richard "Rick" Colebank
PE, PS, President & COO
Principal in Charge



Rebecca Key
AIA, LEED AP
Director of Architecture



Charles "Chuck" Branch
PE, Senior Principal
Civil Engineer



Charlie Luttrell
PE, Senior Principal
Lead Structural Engineer



Matthew Ecard
PE
Structural Engineer

EXPERIENCE OF KEY PERSONNEL

Key Personnel <i>Role</i>	Description of Role	Licensed Architect/Engineer	Construction Administrator	Work w/ Similar Project/Scope	Experienced with BIM
Richard “Rick” Colebank, PE, PS <i>Managing Principal</i> Alpha Associates, Inc.	Mr. Colebank is responsible for overall management of the project and the coordination of partners and consultants. He is the spokesman for the team and will be involved from inception to completion of the project, bringing his 40 years of experience for benefit of the project.	X		X	
Rebecca Key, AIA, LEED-AP <i>Design Architecture</i> Alpha Associates, Inc.	Ms. Key is the Project Architect and the lead professional who will provide design services and ensure compliance with AIA codes and standards for the roof replacement projects.	X		X	X
Charles “Chuck” Branch, PE <i>Co-Project Manager, Civil Engineer</i> Alpha Associates, Inc.	Mr. Branch will work hand-in-hand with Mr. Colebank to successfully direct the day-to-day operations of the project team including the Owner, Partners and consultants. He will also provide civil engineering services.	X		X	
Charles “Charlie” Luttrell, PE <i>Lead Structural Engineer</i> Alpha Associates, Inc.	Mr. Luttrell will provide leadership of the structural team directing major decisions regarding the design and construction of the structural systems and will ensure QA/QC procedures are maintained.	X		X	
Matthew Echard, PE <i>Structural Engineer</i> Alpha Associates, Inc.	Mr. Echard will assist with structural services, regarding the design and construction of the structural systems and will ensure Alpha offers a suitable, up to code, structurally sound solution.	X		X	
Alex Hail, Associate AIA <i>Construction Administrator</i> Alpha Associates, Inc.	Alex will be the primary direct contact for information flow during construction of the project including receipt, distribution, returns of RFI's, Shop Drawings, and other submittals. He will periodically inspect the project and file reports on the progress and concerns during the construction. He will lead the construction administration team.		X	X	



Richard Colebank PE, PS

PRESIDENT & COO

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 managing projects.

PROFILE

Broad-based responsibilities in the following areas:

- Project Mangement
- Business Operations & 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 Rd; Morgantown, WV
 Mon General Access Rd; Morgantown, WV
 WVU Reedsville Farm Redevelopment; Reedsville, WV
 Monongalia General Hospital Access Road; Morgantown, WV
 DOH 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

EMPLOYMENT HISTORY

1985-Current | Alpha Associates, Inc.
 1983-1985 | Charles Townes & Assoc. P.C.
 1983 | US Army Corps of Engineers

EDUCATION

MA Business Administration | 1999
 BA Civil Engineering | 1982

QUALIFICATIONS

- License: Professional Engineer: West Virginia, Maryland, Pennsylvania, and 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 & Environmental Engineering Visiting Committee
- WVU College of Business & Economics MBA Advisory Committee
- WVU 2023 Academy of Civil Engineers



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 10346

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

Secretary
Frank Gaddy

By
Kenneth H. Means

President
Robert B. Scott



Rebecca Key AIA, LEED AP

DIRECTOR OF ARCHITECTURE

SUMMARY

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

PROFILE

Broad-based responsibilities in the following areas:

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

PROFESSIONAL HIGHLIGHTS

Education:

North Elementary School Connector; Morgantown, WV
 Mountaineer Middle School; Morgantown, WV
 Pineville Elementary School; Pineville, WV
 Washington High School; Charles Town, WV

Historic Renovations:

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

Recreation:

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

Dormitory & Multi-Family:

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

Municipal & State Government:

WV State Office Building; Clarksburg, WV
 Mon County Family Court Renovation; Morgantown, WV
 Mon County Sheriff's Department; Morgantown, WV
 Norwood Fire Station; Morgantown, WV
 WV State Office Building 25; Parkersburg, WV

EMPLOYMENT HISTORY

2000-Current | Alpha Associates, Inc.
 1983-1999 | Alexander Key & Associates
 1978-1983 | Webster Clothes; Director of Store Planning

EDUCATION

BA Architecture | 1977
 Coursework in Furniture Design | 1986-87

QUALIFICATIONS

- License: Professional Architect: Maryland, New York, Virginia, Washington DC, and 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
- US Green Building Council
- AIA Liveable Communities
- Leadership Kanawha Valley Class of 2014

Order of Examiners of the Board of Architects



No. 2693

OF WEST VIRGINIA.

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

W. E. Johnson President.
E. J. Smith Secretary.



Charles Branch PE

SENIOR PRINCIPAL & CIVIL ENGINEER

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 solely 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

EMPLOYMENT HISTORY

1992-Current | Alpha Associates, Inc.
 1988-1992 | Reimer, Muegge & Assoc., Inc.

EDUCATION

MA Civil Engineering | 2000
 BA Architectural Engineering
 Technology | 1988

QUALIFICATIONS

- License: Professional Engineer: West Virginia

AFFILIATIONS

- WV Society of Professional Engineers
- National Society of Professional Engineers



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 15056

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 Rieckhoff

By Frank D. Goddy

L. J. Burns, Jr

[Signature]

[Signature]



Charles Luttrell PE

SENIOR PRINCIPAL & STRUCTURAL ENGINEER

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 Mangement
- Business Operations & 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
 WVDOT Arnettsville Replacement Bridge; Morgantown, WV
 Clarksburg State Office Building; Clarksburg, WV
 Grant County Bank Addition & Renovation; Petersburg, WV
 South Berkeley Fire Station; Inwood, WV
 Alumni Center Structural Framing and Foundation; WVU
 Engineering Science Building, East Wing Addition; WVU
 Hazel Ruby McQuain Amphitheater Roof; Morgantown, WV
 Shepherd University Pedestrian Underpass; Shepherdstown, WV
 Washington High School; Charles Town, WV
 WVU Coliseum Structural Inspection; Morgantown, WV
 Alderson Broaddus College, Rex Pyles Arena Deck; Phillipi, WV
 Monongalia County Sheriff's Building; Morgantown, WV
 South High Street Bridge; Morgantown, WV
 Ices Ferry Bridge; Morgantown, WV
 Matthews Foundry Structural Evaluation; Martinsburg, WV
 Martinsburg Little League Fields; Martinsburg, WV
 Martinsburg WWTP; Martinsburg, WV
 Queen St. Underpass; Martinsburg, WV
 Winchester & Western RR Rt. 11 Bridge; Martinsburg, WV

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

MA Structural Engineering | 1995
 BA 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
- Buttoned Overlap Sheer Failures

Composite Cold Formed Steel & Concrete Deck

- Line Load Behavior/Failures
- Concentrated Load Behavior/Failures
- Web Crippling
- Punch Failures



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 14172

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



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

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

Handwritten signatures: G. R. Wickley, Frank H. Haddy, W. B. Faulkner, and others.



Matthew Echard PE

PRINCIPAL & STRUCTURAL ENGINEER

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 the United States, Europe, and the Mid-West, Mr. Echard returned to West Virginia to provide world-class service in a historically unreserved region while making positive contributions to his home state. Mr. Echard places a large value on collaborative work process, believing that a building's form and function are derived from many contexts. Mr. Echard's office is located in the corporate office in Morgantown, WV.

PROFILE

Broad-based responsibilities in the following areas:

- Structural Engineering & Forensics
- Design Management
- Construction Optimization
- New Business & Client Development

Current research area(s):

- Next generation sustainability strategies in design & construction

PROFESSIONAL HIGHLIGHTS

Pedestrian Bridges:

Coopers Rock Overlook Bridge Replacement; Monongalia Co., WV
Deckers Creek Rail-Trail Pedestrian Bridge; Morgantown, WV
Harvard U Allston Science Complex (HSAC); Boston, MA*

Buildings:

Burj Daman (60 stories); DIFC, Dubai, UAE*
Columber Center Parcel 16 (34 stories); Boston, MA*
Continuities of the Incomplete, Museum of Modern Art; Los Angeles, CA*
Falmouth High School Renovations & New Gymnasium; Falmouth, MA*
HASC Building 1 (8 stories); Harvard U, Boston, MA*
Logan Airport Central Parking Garage and Expansion; Boston, MA*
ND Paper Hydrapulper Expansion; Fairmont, WV
WVDOH District 7 Multi-purpose & Lab Buildings; Roanoke, WV

* project experience at previous firms

EMPLOYMENT HISTORY

2016-Current | Alpha Associates, Inc.
2010-2015 | Echard ingenieruBüro
2006-2009 | Buro Happold Consulting Engr.
2003-2006 | Risa Technologies, Inc.
2000-2003 | Zaldastani Associates, Inc.

EDUCATION

MA Engineering & Environ. Mechanics | 2002
BA Civil Engineering | 2000

QUALIFICATIONS

- License: Professional Engineer: West Virginia, California
- California OES SAP Evaluator

AFFILIATIONS

- American Concrete Institute
- American Institute of Steel Construction
- American Society of Civil Engineers
- American Wood Council

PUBLICATIONS

- Echard, M. & Tonis, D. Convergent Design Methodology for Bio-Science Labs: Architectonic and Performative Structural Considerations Using Geilinger Composite Column Solution. ICSA2010 International Conference on Structures and Architecture, 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



STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

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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 19830

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



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

Members of the Board

James D. Thomas, Jr. *Richard E. Dlyna*
Bhajan S. Saha *William E. Pison*

SECTION D
PROJECT EXPERIENCE

NORTH ELEMENTARY CONNECTOR

Monongalia County Schools



Location:

Morgantown, WV

Alpha Associates, Incorporated provided architectural Alpha Associates, Inc. is currently providing the North Elementary school with an enclosed connection between three (3) separate and distinct buildings. The design draws from its relationship to the outdoors and creates an outdoor classroom for Pre-K to Middle School age children within a safe and secure courtyard.

The main building link is a two-story connection with stairs and an elevator. The link extends in a T-like plan connecting two (2) single-story buildings to the Main building. Alpha was able to overcome constraints such as existing locations of windows and mechanical louvers on the main building, unifying the three (3) buildings with different materials, and not taking away from the learning environment, but enhancing the atmosphere.

Materials were chosen to reflect nearby structures and echo its Agrarian forms.



PROJECT INFORMATION:

- ⊛ Services Provided:
Architectural Design
- ⊛ Size:
120,000 sq. ft.
- ⊛ Completion Date:
End of Fall 2024
- ⊛ Cost:
\$ 2.5 Million
- ⊛ Reference:
Amanda Washington, Dir. Facility Mangement
1751 Earl L. Core Road
Morgantown, WV 26505
304.291.9210 ext. 1544

WYOMING COUNTY COURTHOUSE ELEVATOR REPLACEMENT

Wyoming County Commission



Location:

Wyoming County, WV

Alpha Associates, Inc. provided architectural and structural engineering services for the Wyoming County Courthouse in Pineville, WV. The project replaced the non-ADA compliant lift with an ADA compliant elevator between the main floor and the 2nd floor where the courtroom is located. Due to the historic nature of the building, every attempt was made to maintain the original wood staircase that encircles the elevator.

Modifications and improvements were also made to the existing staircase handrails as well. Tolerances within the existing building were so tight, the design team chose to have the steel frame structure of the elevator shaft fabricated off site, and lowered through the roof of the building.



PROJECT INFORMATION:

- ★ Services Provided:
Architectural, Engineering & Surveying
- ★ Size:
23,089 sq. ft.
- ★ Completion Date:
2023
- ★ Cost:
\$ 466,000
- ★ Reference:
Jewell Aguilar
Pineville, WV
304.732.8000



Alpha's Elevator Projects

Architectural & Engineering Services

WVU RCBHSC Freight Elevator Roof Morgantown, WV

West Virginia University was interested in installing a new freight elevator in the Robert C. Byrd Health Sciences Center. The new elevator required more room above the elevator beams than was currently available in the existing shaft. Due to this, Alpha provide engineering services related to modifying the roof of the freight elevator at the RCBHSC.



Items included in Alpha's Scope of Work:

- α Alpha provided on-site discussions for project progression.
- α Alpha reviewed the problem with WVU to decide the best, most cost-effective method for providing an elevated roof section.
- α Alpha reviewed the original construction drawings and provided a design of elevator roof modifications that worked with the existing structure.
- α Alpha provided draft drawings that included all the necessary plans and sections that was required for a Contractor to complete the Work.

Project Contact:

John Summers, Construction Manager
West Virginia University, Facilities Management
Planning, Design and Construction
Morgantown, WV 26506



Morgantown High School Elevator Replacement

Morgantown, WV

Monongalia County Schools intended to remove the existing elevator in the wing of the building that runs along Prairie Avenue and replace it with a code-compliant elevator that will continue to serve the four (4) floors.



Existing Condition:

The existing elevator was installed when the building was built in the mid-1920's, and served the 1st, 2nd, and 3rd floors of the building with an overhead machine room accessed from the 4th floor. The elevator pit sat nearly 5 feet below the 1st floor. The old shaft was approximately 4'-8" wide and 6'-9" deep. The small cab, control panel, swinging shaft doors, and manual sliding gate were not in compliance with current handicapped accessibility regulations. Parts were hard to find, the unit was out of operation for extended periods of time, and the most recent maintenance came with the stipulation that the elevator be used for freight use only. Upon review of the original drawings, it was determined that the building is a hybrid structure of structural steel columns, steel beams, and poured-in-place concrete joists and deck. This provided an opportunity to tie new structural framing into the existing to allow enlargement of the floor openings at the current elevator location.

New Elevator:

The new elevator would be a machine-room-less (MRL) roped-traction type with a 3,000 pound capacity. To accommodate this elevator, the current elevator pit was demolished and enlarged to a footprint of approximately 8'-6" wide and 6'-3" deep. New shaft walls aligned with this pit up through the building. Three-phase power was provided from the existing elevator service. Finishes were restored in the adjacent spaces. The elevator can be equipped with card reader, keypad, and/or key access.

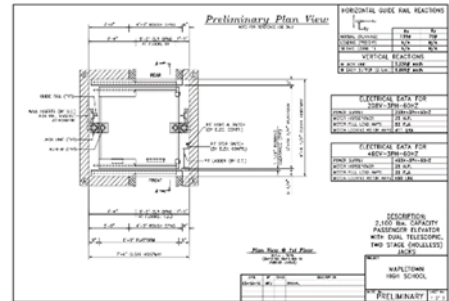
Project Contact:

Dr. Devono, Former Superintendent
 Monongalia County Schools
 13 South High Street
 Morgantown, WV 26501
 (304)291-9210



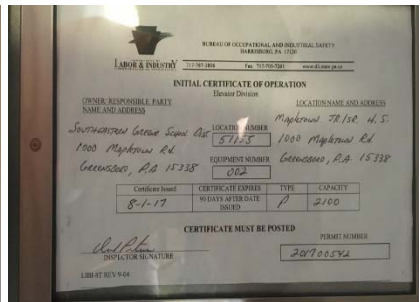
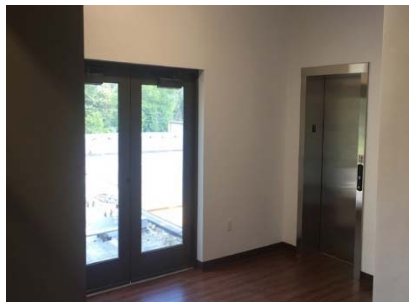
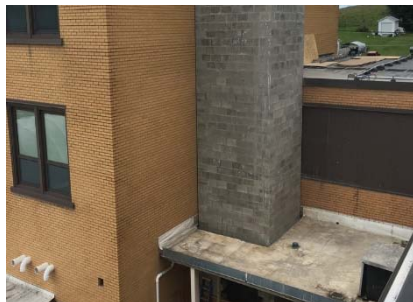
Mapletown High Elevator Greensboro, PA

The Southeastern Greene School District was looking to install a new elevator and three (3) story elevator shaft with a 200 sq. ft. vestibule onto the existing Mapletown High School. Per the request of the Southeastern Green School District, Alpha investigated the structural ramifications of moving the proposed elevator shaft approximately 6 feet to the West in order to retain access to the boiler room garage door and eliminate the need to relocate HVAC piping.



Alpha provided on-site investigation to determine the structural beams, joists, and columns in the next framing bay to the West of the current layout. From that information, Alpha reviewed the additional loads imposed and prepared a preliminary framing scenario, in words and basic diagrams, for review by the Owner. The loading dock roof structure was also reevaluated for the revised shaft location.

The new project included new foundations, demolition to masonry roofs and walls, completely new masonry elevator shaft, new structural steel vestibule, new roofing system, new architectural panels, and interior finishes.



Project Contact:
Southeastern Green School District
1000 Mapletown Road
Greensboro, PA 15338
724.943.3401



Higher Education Experience

Alpha Experience

- Alderson Broaddus College – Building Evaluations
- WVU – South Agricultural Sciences Building
- WVU – Alfred Galli Laboratory
- WVU – Chestnut Ridge Research Building, 7th Floor Renovation
- WVU – College of Physical Activity and Sports Studies (CPASS)
- WVU – Robert C. Byrd Health Sciences Center, Eastern Division
- WVU – Engineering Research Building, G07 Highboy Space Renovation
- Fairmont State University – Prichard Hall Renovation
- Fairmont State University – Merchant Street Retaining Wall
- WVU – National Research Center for Coal and Energy
- WVU – Robert C. Byrd Health Sciences Center, Cranial Laboratory
- Shepherd University Underpass Study and Design
- West Virginia Regional Tech Park Building 770 Renovation
- WVU – Erikson Alumni Center
- WVU – East Science Building Wing Addition
- WVU – Master Plan
- WVU Potomac State College – Connecting Link
- WVU Potomac State College – Library Renovation
- WVU Potomac State College – McKee Art Center Plaza
- WVU – Reedsville Farm Redevelopment
- WVU – Stalnaker Hall
- WVU – Student Leader Housing





WVU On-Call Projects

Various Project Completed by Alpha

Building Renovations & Additions

- Creative Arts Center (CAC) – New ADA elevator access
- Colson Hall – New Entrance & Canopy
- Dolls Run Mine Safety Site – Site Design
- Health Sciences Center (HSC) – over **50+** projects
(Multiple interior renovations, vivariums, HVAC supports)
- Hodges Hall – renovation site/civil design
(Bus loop, street access, retaining wall, mechanical pad)
- Lyon Tower Ballroom – New Partitions
- Mechanical Engineering Lab – New Mezzanine Addition
- Roof Replacements (Multiple Buildings)

Sports Upgrades

- Coliseum – New scoreboard, catwalks & fall protection
- Student Recreation Center – Climbing Wall Frame
- WVU Tennis – New Scoreboard

Infrastructure & Maintenance

- Mountainlair – Water infiltration study, plaza load studies (multiple), ballroom load study
- Multiple Buildings – Brick & stone façade assessments, fall protection, roof & floor evaluations
- Glycol Loop Pipe Supports
- Multiple Projects – PRT transit maintenance, steam tunnel rehabilitation



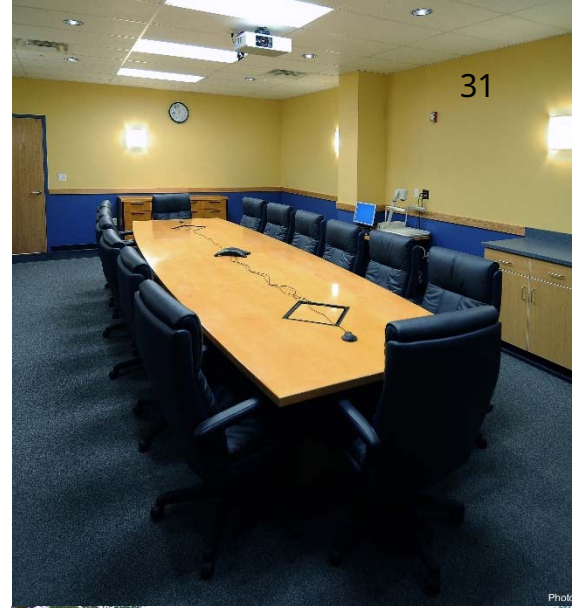


Infrastructure & Maintenance

- Various Locations – Sidewalks, stairs, curbs, structural concrete repair

Historical Assessments & Restorations

- Armstrong Hall – Post-fire assessment & limestone parapet replacement
- Chitwood Hall – Roof reinforcement & fall protection
- Purinton House – Wooden deck, railing, portico, and widow's walk assessment
- Stewart Hall – Stone retaining wall evaluation





Alpha's Fall Protection Expertise

Engineering Services

WVU Chemistry Research Building Rooftop Fall Protection Morgantown, WV

Alpha has worked with WVU for a majority of their Fall Protection projects. Our most recent protection project consisted of Alpha providing subconsultant engineering services related to designing the connections needed for a new roof top fall protection mounts for the WVU Chemistry Research Building.



Alpha's Scope of Work included:

- 1) Review of the available drawings for the building provided by WVU.
- 2) Visited the site to assess the condition of the structural elements of the roof system in the defined area.
- 3) Designed the fall protection mounting connections for both conditions based on standard fall protection mounting points as selected by WVU and the leading consultant.
- 4) Provided stamped and sealed drawings for both types of mounting conditions.

Project Contact:

John Bornak, Vice President
Tri-State Roofing and Sheet Metal
733 Fairmont Road
Morgantown, WV 26501



WVU Chitwood Hall Fall Protection

Morgantown, WV

Alpha was engaged by WVU to design a fall protection anchorage system for the roof of Chitwood Hall on the downtown campus. The anchorage points were necessary to achieve OSHA compliant fall protection anchorage points for roofers and maintenance personnel. Our personnel verified each of the proposed mounting point locations are capable of supporting the OSHA required 5,000 pound fall protection load.



Project Contact:

Brian Gillespie, Project Manager
 West Virginia University, Design & Construction Services
 979 Rawley Lane
 Morgantown, WV 26506

Resolute Roof Walking Paths

Fairmont, WV

Alpha was requested to visit the Resolute Fairmont Pulp Mill to establish safe walking paths on a portion of the roof that is due to have maintenance work performed on it. Our team provided drawings giving specifics on how to navigate safely through corrosion while walking up or down the roof slope. Alpha also demonstrated how to visibly sport “ghost” lines which are visible in the degrading surface finish. Given the two areas of the roof which were in poor condition, Alpha recommended to seriously consider the replacement of both areas for the value of the product and safety of personnel who are required to be on the roof.



Project Contact:

George Thomas, Senior Project Engineer
 Resolute Forest Production, Fairmont Pulp Mill
 702 AFR Drive
 Fairmont, WV 26554



WVU Rec Center Fall Protection

Morgantown, WV

Alpha was engaged by WVU to design a fall protection anchorage system for the roof of Rec Center. The anchorage points were necessary to achieve OSHA compliant fall protection anchorage points for roofers and maintenance personnel. Our personnel designed in accordance with the International Building Code, the Life Safety Code, and the West Virginia State Fire Code. The cable support designs were based on requirements of ASCE 19-96, structural applications of steel cables for buildings.



Project Contact:

West Virginia University, Design & Construction Services
979 Rawley Lane
Morgantown, WV 26506

WVU Fall Protection

Morgantown, WV

Alpha observed existing conditions of an existing access ladder leading up to WVU's Coliseum's compression ring platform, following OSHA's current regulations at that time. Our team deemed the ladder to be uneconomical to retrofit the existing ladder, as it was not in conformance with several Standards. Instead, it was more practical to obtain a completely new ladder and platform assembly.



Project Contact:

West Virginia University, Design & Construction Services
979 Rawley Lane
Morgantown, WV 26506



ROOF REPLACEMENT EXPERIENCE

UNIVERSITIES

- West Virginia University, Jackson's Mill 4-H Camp
- Kanawha Cottage and Mount Vernon Dining Hall
- The Robert C. Byrd Health Sciences Center – WVU
- West Virginia University, Agriculture Sciences Center
- West Virginia University, Admissions and Records
- West Virginia University, Doll's Run Fire Training Building
- West Virginia University, Wise Library Roof Consult

PUBLIC SCHOOLS

- Buckhannon Upshur Middle School Roof Replacement
- Buckhannon Upshur High School Roof/Ceiling Replacement
- South Junior High School Roof
- Cheat Lake Elementary Renovations and Additions
- Ridgedale Elementary School Addition/Renovation
- Jakes Run Elementary School Roof Evaluation/Replacement
- Morgantown High School Additions/Renovations
- Mountaineer Middle School Improvements/Renovations
- Maysville Elementary School Reroofing
- Tennerton Elementary School Reroofing
- Union Educational Complex
- Grafton High School Renovations



APPENDIX

REFERENCES

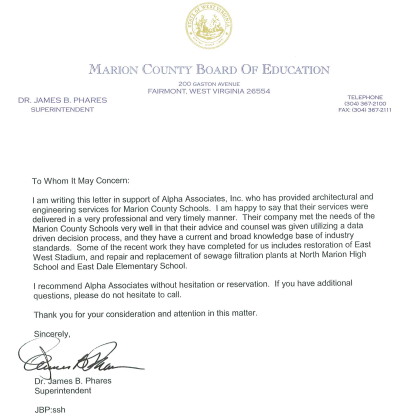
LETTERS OF RECOMMENDATION



Marion County Board of Education Fairmont, WV

"I am happy to say that their (Alpha's) services were delivered in a very professional and very timely manner. Their company met the needs of the Marion County Schools very well in that their advice and counsel was given utilizing a data driven decision process, and they have a current and broad knowledge base of industry standards. I recommend Alpha Associates without hesitation or reservation."

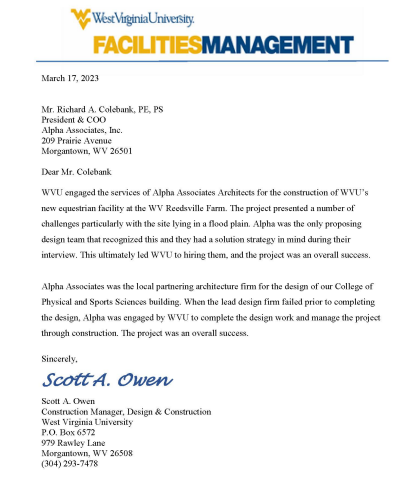
- Dr. James Phares, Former Superintendent



West Virginia University Morgantown, WV

"Alpha was the only proposing design team that recognized our project challenges and provided a solution strategy in mind during their interview. This ultimately led WVU to hiring them, and the project was an overall success. Alpha was the local partnering firm for the design of our College of Physical and Sports Sciences buildings. When the lead design firm failed prior, Alpha was engaged to complete the design work and managed the project through construction. Our partnered projects have been an overall success."

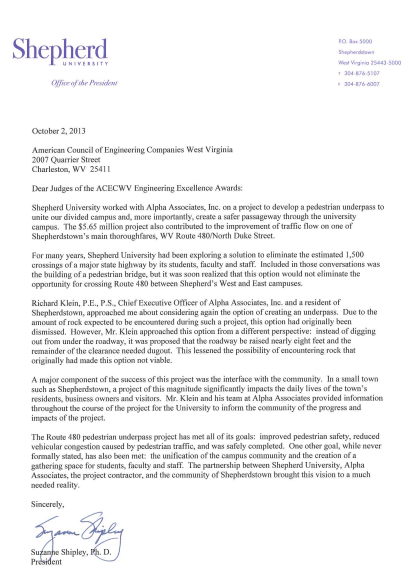
- Scott Owen, Design & Construction Manager



Shepherd University Shepherdstown, WV

"Alpha worked with Shepherd University on a pedestrian underpass development project to unite the divided campus and, more importantly, create a safer passageway. The Alpha team provided information throughout the course of the project so the University could inform the community of the progress and impacts of the project. The Route 480 pedestrian underpass project goals were met and even surpassed when another, while never formally stated, goal was met: the unification of the campus community and the creation of a gathering space for students, faculty and staff. The partnership between Shepherdstown University, Alpha, and the community of Shepherdstown brought this vision to a much needed reality."

- Suzanne Shipley, Ph. D.
Former President of Shepherd University



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.

Geoff E. Thomas Jr.

BOARD PRESIDENT

State of West Virginia



Certificate

I, Mac Warner, Secretary of State of the State of West Virginia, hereby certify that

ALPHA ASSOCIATES, INCORPORATED

was incorporated under the laws of West Virginia and a Certificate of Incorporation was issued by the West Virginia Secretary of State's Office on June 23, 1969.

I further certify that the corporation has not been revoked or administratively dissolved by the State of West Virginia nor has the West Virginia Secretary of State issued a Certificate of Dissolution to the corporation.

Accordingly, I hereby issue this Certificate of Existence

CERTIFICATE OF EXISTENCE

Validation ID:1WV25_3J5W7



*Given under my hand and the
Great Seal of the State of
West Virginia on this day of
January 26, 2024*

Mac Warner

Secretary of State

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.

(Printed Name and Title) Richard Colebank, PE, PS, President & COO

(Address) 209 Prairie Avenue, Morgantown, WV 26501

(Phone Number) / (Fax Number) (304) 296-8216 / (304) 296-8245

(email address) rick.colebank@thinkalphafirst.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation/Contract 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/Contract 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 this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; 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.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

Alpha Associates, Incorporated

(Company)

(Signature of Authorized Representative)

Richard Colebank, PE, PS, President & COO

(Printed Name and Title of Authorized Representative) (Date)

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

(Phone Number) (Fax Number)

rick.colebank@thinkalphafirst.com

(Email Address)