



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: 1053663

Procurement Type: Central Purchase Order

Vendor ID: 000000201753

Legal Name: ALPHA ASSOCIATES INC

Alias/DBA:

Total Bid: \$0.00

Response Date: 06/21/2022

Response Time: 9:24

Responded By User ID: hailey.hill

First Name: Hailey

Last Name: Hill

Email: hailey.hill@thinkalphafirst.cor

Phone: 3042968216

SO Doc Code: CEOI

SO Dept: 0613

SO Doc ID: VET2200000001

Published Date: 6/8/22

Close Date: 6/21/22

Close Time: 13:30

Status: Closed

Solicitation Description: Beckley Veterans Nursing Facility
Architectural/Engineering

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: 1053663
Solicitation Description: Beckley Veterans Nursing Facility Architectural/Engineering
Proc Type: Central Purchase Order

Solicitation Closes	Solicitation Response	Version
2022-06-21 13:30	SR 0613 ESR06212200000007913	1

VENDOR
000000201753
ALPHA ASSOCIATES INC

Solicitation Number: CEOI 0613 VET2200000001

Total Bid: 0 **Response Date:** 2022-06-21 **Response Time:** 09:24:33

Comments:

FOR INFORMATION CONTACT THE BUYER

Tara Lyle
(304) 558-2544
tara.l.lyle@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	Develop A&E EOI & Other Documents For Beckley Facility	1.00000	EA	0.000000	0.00

Comm Code	Manufacturer	Specification	Model #
81101508			

Commodity Line Comments:

Extended Description:

.



EXPRESSION OF INTEREST

ARCHITECTURAL/ENGINEERING SERVICES

BECKLEY VETERANS NURSING FACILITY

CEIO 0613 VET2200000001

Public Notice Date: June 7, 2022
Submission Date: June 21, 2022



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: 1053663			Reason for Modification:
Doc Description: Beckley Veterans Nursing Facility Architectural/Engineering			
Proc Type: Central Purchase Order			
Date Issued	Solicitation Closes	Solicitation No	Version
2022-06-07	2022-06-21 13:30	CEOI 0613 VET2200000001	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code:

Vendor Name: Alpha Associates, Incorporated

Address :

Street: 209 Prairie Ave.

City: Morgantown

State: West Virginia

Country: USA

Zip: 26501

Principal Contact: Matthew Echard

Vendor Contact Phone: 304-296-8216

Extension: 139

FOR INFORMATION CONTACT THE BUYER

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

Vendor
Signature X

Matthew Echard

FEIN# 550516286

DATE 6/21/2022

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) Matthew Echard
(Printed Name and Title) Matthew Echard
(Address) 209 Prairie Ave. Morgantown, WV 26501
(Phone Number) / (Fax Number) 304-296-8216 / 304.296.8245
(email address) matthew.echard@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 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 entire entering into this contract is prohibited from engaging in a boycott against Israel.

Alpha Associates, Incorporated
(Company) Matthew Echard
(Authorized Signature) (Representative Name, Title)
Matthew Echard, Principal
(Printed Name and Title of Authorized Representative) (Date)
304-296-8216 / 304.296.8245
(Phone Number) (Fax Number)
matthew.echard@thinkalphafirst.com
(Email Address)

TABLE OF CONTENTS.

SECTION A

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

SECTION B

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

SECTION C

MANAGEMENT AND STAFFING CAPABILIIES	10-17
-------------------------------------	-------

SECTION D

PROJECT EXPERIENCE	18-23
--------------------	-------

APPENDIX

LICENSES & CERTIFICATIONS	24-30
REFERENCES	31



June 21, 2022

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

RE: CEOI - 0613 VET 2200000001 – Beckley Veterans Nursing Facility

Dear Ms. Lyle,

Alpha Associates, Incorporated is pleased to submit this Expression of Interest to provide architecture, engineering services for Beckley Veterans Nursing Facility. Our highly skilled personnel make us the perfect partnering firm for this upcoming project.

Over the past 52 years Alpha has been providing high quality professional architectural and engineering design services to various clients throughout the State of West Virginia. We have completed numerous laboratory design projects for the WVU Health Science Center including renovation of more than 80,000 square feet of among others.

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.

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 Beckley Veterans Nursing Facility throughout this project. We are excited about the opportunity to work with you 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



Matthew Echard, PE

Principal

Matthew.echard@thinkalphafirst.com

WELCOME TO ALPHA ASSOCIATES, INC.

FIRM PROFILE

Contract Role: Prime

Architect & Engineer

Address

209 Prairie Ave
Morgantown, West Virginia 26501

535 West King Street
Martinsburg, West Virginia 25401

Number of Employees

21

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



WHY BARTON

54+	Years' Experience
180+	Healthcare Clients
2300+	Healthcare Projects

ABOUT US

Barton Healthcare—a division of Barton Associates—has completed more than 2,300 projects for over 180 healthcare facilities which have given us an unwavering knowledge of their infrastructure needs. We understand that healthcare projects are often highly sensitive and complex in nature and require a customized engineering approach. Barton Healthcare has an extensive portfolio of state-of-the art facilities including surgical, emergency, outpatient surgical, treatment/diagnostic, nursing services, patient support services, medical offices and general support services. Our history of working with many repeat clients since our inception in 1968 is a testament to our commitment to technical accuracy and customer service. We apply focus, dedication, practicality, precision, and longevity to each project we deliver and live by these principles to help us achieve our mission—**We Make Buildings Work.**

Barton Associates, an employee-owned company, provides quality engineering solutions for clients throughout the Mid-Atlantic Region with office locations in York, State College and Pittsburgh, PA. Our team of registered professional engineers, designers, technicians, and support staff do more than just design MEP and architectural lighting systems. We offer a holistic approach to any new construction, addition or renovation project ranging from energy studies and facility master planning to systems design and sustainability. Barton considers ways to minimize energy consumption, conserve resources and enhance indoor environmental quality for every project we complete. Energy Conservation is a priority in every design and our staff of professionals are trained, licensed and/or certified to design MEP systems and evaluate the performance of these systems. We also utilize building information modeling for greater team collaboration.

PERSONNEL

77	Total
29	Registered Engineers
24	Designers
7	CADD/BIM Technicians
3	Construction Services
8	Administrative
5	Interns

Whether we are serving as the prime professional or as a sub consultant to an architectural, engineering, contracting, construction management or other professional firm, Barton provides an extensive list of services within various MEP-related disciplines:

SERVICES

- Feasibility Studies, Facility Assessments & Master Planning
- Energy Modeling, Life Cycle Costs & Payback Analysis
- Construction Cost Estimating
- Construction Drawings & Specifications Preparation
- Construction Contract Administration
- Peer Review Services
- Trouble-shooting existing Systems and Components

MECHANICAL SYSTEM DESIGN

- Heating, Ventilation & Air Conditioning
- Plumbing
- Fire Protection
- Central Energy/Utility Plants
- Building Automation Systems

ELECTRICAL SYSTEM DESIGN

- Lighting
- Power Generation & Distribution
- Information Technology
- Fire Alarm & Security

ARCHITECTURAL LIGHTING DESIGN

ADDED VALUE SERVICES

- Building Information Modeling (BIM)
- Sustainable Design
- Energy Analysis & Audits



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 worked with many organizations as well as local, state and federal governments on numerous building projects, including additions, renovations and new construction. Our work is diverse and includes clients in historical renovations, 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 type facilities.

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-one (21) 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 52 years because we are a professional organization dedicated to providing superior architectural and engineering design services to our clients. While our staff is large enough to handle any size project, we are also small enough to give each and every one of our projects the individual attention to detail that will make them successful projects for our clients.

THINK ALPHA FIRST.

STAFF PLANNING

TO BE ASSIGNED TO YOUR PROJECT.

All work to be performed for the Building 22 Interior Renovations Design Project 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 with any potential project needs.



Richard A. Colebank
PE, PS
Principal in Charge



Rebecca J. Key
AIA, LEED-AP
Project Architect



Charles Luttrell
PE, Senior Principal
Structural Engineer



Charles B. Branch
PE, Senior Principal
Civil Engineer



Matthew T. Echard
PE, Principal
Structural Engineer

MEET THE ALPHA TEAM.

MANAGERS

Richard W. Klein
PE, PS
Chairman & CEO

Richard A. Colebank
PE, PS
President & COO

ARCHITECTURE

Rebecca Key
AIA-LEED-AP
Director of
Architecture

Casey Smith
AIA Assoc.
Architectural Designer

Todd Lewis
AIA Assoc.
Architectural Technician

Alex Haill
Construction
Administration

CIVIL ENGINEERING

Charles Branch
PE; Senior Principal
Senior Civil Engineer

Bradley Casdorff
PE, PS
Civil Engineer

Tom Simpson
PE
Civil Engineer

David Costello Jr.
PS
Manager of Surveying

Julie Frazee
Engineering Technician

Terry Higgins
Field Representative

Kevin McClung
Engineering Technician

Barbara Kerns
Survey Crew

Tyler Collins
Survey Crew

STRUCTURAL ENGINEERING

Charles Luttrell
PE, Senior Principal
Senior Structural Engineer

Matthew Echard
PE, Principal
Structural Engineer

Cody Antoon
Engineering Technician

OFFICE ADMINISTRATION

Heather Fox
Business Manager

Hailey Hill
Marketing Coordinator

Kim Coomler
Administrative Assistant

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 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 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. 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 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 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 that can be carried through each of the project phases. At each phase the project estimate is updated to include a more detailed estimate in order that the accuracy can be enhanced. During these updated estimates, specific increases or decreases can be identified allowing the owner to make informed decisions moving forward on important budget issues for the project.

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

CAPACITY AND SOFTWARE.

OUR CAPABILITIES

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

USING THE LATEST SOFTWARE

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

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



RICHARD A. COLEBANK

PE,PS; PRESIDENT & COO

☎ 304-296-8216 | 800-640-8216

✉ rick.colebank@thinkalphafirst.com

EMPLOYMENT HISTORY

1985-Current | Alpha Associates, Inc.

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

1983 | US Army Corps of Engineers

EDUCATION

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

QUALIFICATIONS

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

Professional Surveyor: West Virginia

Certified Private Pilot

AFFILIATIONS

Former NSPE/PEPP Governor of WV

American Red Cross- State Board

University High School Foundation; Charter Member; President

Morgantown Area Chamber of Commerce; Past Chairman

WVU College of Civil and Environmental Engineering Visiting Committee

WVU College of Business and Economics MBA Advisory Committee

SUMMARY

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

PROFILE

Broad-based responsibilities in the following areas:

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

PROFESSIONAL HIGHLIGHTS

Project Principal:

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



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



BRADLEY CASDORPH

PE,PS; CIVIL ENGINEER

☎ 304-296-8216 | 800-640-8216

✉ brad.casdorph@thinkalphafirst.com

EMPLOYMENT HISTORY

2004-Current | Alpha Associates, Inc.

1979-2004 | Triad Engineering, Inc.

EDUCATION

West Virginia University

Masters- Soil Conditions and

Foundation Design; 1982

Bachelor- Civil Engineering; 1979

QUALIFICATIONS

License: Professional Engineer: West Virginia

Professional Surveyor: West Virginia

Certified Private Pilot

Certified FAA Part 107 Remote Pilot

AFFILIATIONS

WV Society of Professional Engineers

National Society of Professional Engineers

WVSPS- Mountain Regional Chapter; President

Aircraft Owners and Pilots Association; Member

SUMMARY

Mr. Casdorph joined the Alpha Associates, Inc. team in 2004 and currently works as a project engineer in the Morgantown office. He has 36 years of professional experience with roadway design, storm sewer design, airport airside renovation and design, storm water management including conveyance and detention, environmental permitting, project administration supervision and inspection, as well as boundary and construction surveying.

PROFILE

Broad-based responsibilities in the following areas:

Airport Planning and Design

Highway Design

Hydraulic and Hydrology Studies

Site Plan Development

Land Surveying , including the use of Aerial Drone Technology

PROFESSIONAL HIGHLIGHTS

Civil Engineering:

WVDOH Arnettsville Bridge Replacement; Monongalia County, WV

WV DOH Open Engineering Open End Contract; WV

WVDOH Deckers Creek Pedestrian Bridge; Morgantown, WV

Freedom Automotive Three Dealerships; Morgantown, WV

Freedom Kia Clarksburg; Clarksburg, WV

Morgantown Municipal Airport Access Road; Morgantown, WV

Mon General Hospital Access Road; Morgantown, WV

WVU - Lot 81 Parking Area Improvements; Morgantown, WV

McKee Crossing - 120 Acre Subdivision; Martinsburg, WV

WVU Reedsville Farm Redevelopment; Reedsville, WV

Mon General Hospital - East Parking Area; Morgantown, WV

Jane Lew Truck Stop; Jane Lew, WV

Point Marion Borough; Point Marion, PA

Clarksburg State Office Building; Clarksburg, WV

WVU College of Physical Activity & Sports Sciences; Morgantown, WV

VA Parking Lot SWM; Shepherdstown, WV

Arcland RV Parking Lot SWM; Charles Town, WV

Surveying:

WVDOH Arnettsville Bridge Replacement; Monongalia County, WV

Morgantown Municipal Airport Access Road; Morgantown, WV

Mon General Hospital Access Road; Morgantown, WV

Freedom Automotive Three Dealerships; Morgantown, WV

Freedom Kia Clarksburg; Clarksburg, WV



CHARLES B. LUTTRELL

PE; SR. PRINCIPAL & STRUCTURAL ENGINEER

☎ 304-296-8216 | 800-640-8216

✉ charlie.luttrell@thinkalphafirst.com

EMPLOYMENT HISTORY

1996-Current | Alpha Associates, Inc.
1995-1996 | Larry D. Luttrell, PE, PhD
1991-1994 | West Virginia University
1990-1991 | WVU Constructed Facilities Center

EDUCATION

West Virginia University
Masters- Structural Engineering; 1995
Bachelor- Civil Engineering; 1993

QUALIFICATIONS

License: Professional Engineer: West Virginia,
Pennsylvania

AFFILIATIONS

WV Society of Professional Engineers
National Society of Professional Engineers
Chi Epsilon; Member
American Concrete Institute; Member

RESEARCH EXPERIENCE

Cold Formed Steel Deck Research
Fastener Failures
Edge Conditions/Failures
Buttressed Overlap Shear Failures

Composite Cold Formed Steel and
Concrete Deck
Line Load Behavior/Failures
Concentrated Load Behavior/Failures
Web Crippling
Punch Failures

SUMMARY

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

PROFILE

Broad-based responsibilities in the following areas:

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

PROFESSIONAL HIGHLIGHTS

Structural Engineer:

- Freedom Automotive Group 3 Dealerships; Morgantown, WV
- Hazel Ruby McQuain Equine Education & Resource Center; WVU
- WVDOH Arnettsville Replacement Bridge; Morgantown, WV
- Clarksburg State Office Building; Clarksburg, WV
- Grant County Bank Addition & Renovation; Petersburg, WV
- South Berkeley Fire Station; Inwood, WV
- Alumni Center Structural Framing and Foundation; WVU
- Engineering Science Building, East Wing Addition; WVU
- Hazel Ruby McQuain Amphitheater Roof; Morgantown, WV
- Shepherd University Pedestrian Underpass; Shepherdstown, WV
- Washington High School; Charles Town, WV
- WVU Coliseum Structural Inspection; Morgantown, WV
- Alderson Broadbush College, Rex Pyles Arena Deck; Phillippi, WV
- Monongalia County Sheriff's Building; Morgantown, WV
- South High Street Bridge; Morgantown, WV
- Ices Ferry Bridge; Morgantown, WV
- Matthews Foundry Structural Evaluation; Martinsburg, WV
- Martinsburg Little League Fields; Martinsburg, WV
- Martinsburg WWTP; Martinsburg, WV
- Queen St. Underpass; Martinsburg, WV
- Winchester & Western RR Rt. 11 Bridge; Martinsburg, WV



MATTHEW T. ECHARD

PE; PRINCIPAL & STRUCTURAL ENGINEER

☎ 304-296-8216 | 800-640-8216

✉ matthew.echard@thinkalphafirst.com

EMPLOYMENT HISTORY

2016-Current | Alpha Associates, Inc.

2010-2015 | Echard ingenieurBüro

2006-2009 | Büro 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 underserved region while making positive contributions to the future growth of his home state. Mr. Echard places a large value on the collaborative work process, believing that a building's form and function are derived from many contexts. Mr. Echard's office is located in the corporate office in Morgantown, WV.

PROFILE

Broad-based responsibilities in the following areas:

Structural Engineering

Structural Forensics

Project Management

PROFESSIONAL HIGHLIGHTS

Project Manager & Structural Engineer:

Westover Goodwill Structural Design; Morgantown, WV

Weyerhaeuser Roof Evaluation; Heaters, WV

Los Mariachis UTC; Morgantown, WV

WVU Creative Arts Center Performance Access; Morgantown, WV

WVU Mountain Lair Grid Iron Assessment; Morgantown, WV

Martinsburg Queen Street Underpass; Martinsburg, WV

Charles Town Water Plant Clearwell Emergency Repair; Charles Town, WV



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

Leadership Kanawha Valley
Class of 2014

REBECCA KEY

AIA, LEED-AP; DIRECTOR OF ARCHITECTURE

☎ 304-296-8216 | 800-640-8216

✉ rebecca.key@thinkalphafirst.com

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

PROFESSIONAL HIGHLIGHTS

Education:

- Ridgedale Elementary; Morgantown, WV
- Mountaineer Middle School; Morgantown, WV
- Pineville Elementary; Pineville, WV
- Washington High School; Chares Town, WV

Historic Renovations:

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

Recreation:

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

Dormitory and Multi-Family

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

Municipal & State Government

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



EMPLOYMENT HISTORY

2016-Current | Alpha Associates, Inc.

2014-2016 | MSES Architects

2011-2014 | Blackwood Associates

2007-2009 | Vandalia Heritage Foundation

EDUCATION

Boston Architectural College
Master of Architecture

Fairmont State University
Bachelor- Architecture
2009

CASEY SMITH

AIA ASSOC.; ARCHITECTURAL DESIGNER

☎ 304-296-8216 | 800-640-8216

✉ casey.smith@thinkalphafirst.com

SUMMARY

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

PROFILE

Broad-based responsibilities in the following areas:

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

PROFESSIONAL HIGHLIGHTS

Construction Administration Projects:

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

**YANCY D. UNGER, PE, LEED AP / PRINCIPLE IN CHARGE/ 26 YEARS EXPERIENCE****Vice President | Pennsylvania State University, Bachelor of Architectural Engineering**

Yancy has over 26 years of management, engineering, and sustainable building design experience. As Principal-in-Charge, Yancy will provide his experience to the design team to assist in system selection and layout for the project as well as applying the lessons learned on past projects. Relevant experience:

- Highlands at Wyomissing - Hybrid Apartments
- St. Francis Hospital - Delaware Hospice Center
- Masonic Village at Sewickley - Apartment Buildings 1 & 2 Interior Renovations
- Masonic Village at Sewickley - Apartment Buildings 4, 5, 6, & 7 Interior Renovations

**LAWRENCE R. ZDINAK, JR., PE / PROJECT MANAGER / 26 Years EXPERIENCE****Director of Operations, Pittsburgh | Penn State University, Bachelor of Architectural Eng.**

Larry has over 26 years in engineering, management, and business development as well as an extensive list of experience in the education market and with West Virginia University. As Project Manager, Larry will lead project team meetings and will coordinate schedules and deliverables with the owner and members of the design team to maintain project schedules, deliverables, and budgets. Relevant experience:

- Masonic Village at Sewickley - Skilled Care Facility 3rd Floor Renovations
- Masonic Village at Sewickley - Apartment Buildings 1 & 2 Interior Renovations
- Masonic Village at Sewickley - Apartment Buildings 4, 5, 6, & 7 Interior Renovations

**DOUGLAS C. BARNHART, PE / LEAD MECHANICAL ENGINEER / 25 YEARS EXPERIENCE****Director of Mechanical Engineering, York | Penn State University, Bachelor of Architectural Engineering**

As Lead Mechanical Engineer, Doug will lead and direct Barton's mechanical engineering staff that will be assisting him on this project. He will attend engineering project team meetings and be an integral team member in assessing existing mechanical systems and evaluating potential replacement systems. The following is some of his relevant experience:

- Masonic Village at Sewickley - Apartment Buildings 1 & 2 Interior Renovations
- Highlands at Wyomissing - Hybrid Apartments
- St. Francis Hospital - Delaware Hospice Center

**JOHN M. SUNDY, LC / LEAD ELECTRICAL DESIGNER / 29 YEARS EXPERIENCE****Senior Electrical Designer | Point Park University, Bachelor of Electrical Engineering**

As Lead Electrical Designer, John will lead and direct Barton's electrical engineering staff that will be assisting him on this project and will attend engineering project team meetings. He will provide oversight of the assessment of all electrical systems for the project and will be an integral team member in sizing of the electrical infrastructure. Relevant experience:

- Masonic Village at Sewickley - Apartment Buildings 1 & 2 Interior Renovations
- Oak Street Health – Multiple PCP Office Fit-outs in PA, NC, SC, MI & OH
- DaVita Healthcare - Multiple Dialysis Clinics in PA, NC, NJ & VA

RUBY MEMORIAL HOSPITAL EMERGENCY ROOM ADDITION & RENOVATION

Morgantown, WV; 2003

Ruby Hospital had only one vacant area in which to create an expansion to its already too small emergency facilities. Alpha successfully inserted the new two and a half story addition between two existing buildings and an elevated pedestrian bridge. The site was steep and confined; an elevated floor slab was used at the main floor, creating a large enclosed mechanical room on the lowest level eliminating the need for roof top units on the addition.

The addition replicated many of the same architectural elements of the adjacent structures, so as to appear of the same time and materials as the existing hospital buildings.

The addition was completed first to accommodate the 24/7 emergency room services, while the existing emergency room was remodeled with larger waiting areas and more exam rooms.

There were no interruptions to medical care during the expansion and remodeling.

At a Glance

CLIENT: WVU Hospitals, Inc.
LOCATION: Morgantown, WV
COMPLETION DATE: 2003
SIZE: 5,000 SF Addition; 10,000 SF Renovation
CONSTRUCTION COST: \$1.9 Million

Project Contact:

Alexis Behrens
P.O. Box 8059
Morgantown, WV 26506
304-598-4125



WVU CHILDREN'S HOSPITAL RONALD MCDONALD HOUSE FAMILY ROOM

Morgantown, WV; 2013

Alpha Associates, Incorporated provided architectural design and construction administration services for the construction of a Ronald McDonald House Family Room at WVU Children's Hospital. The client previously occupied a suite of waiting rooms that were dark, uninviting, and not suited for handling larger groups. The goal was to open up the space to provide a welcoming, relaxing environment for families dealing with the illness of babies and small children. A dining area, kitchen, mother's room, restroom, waiting area, and reception area were all provided.

At a Glance

CLIENT: Ronald McDonald House Charities
LOCATION: Morgantown, WV
COMPLETION DATE: 2013
SIZE: 1,400 Square Feet
CONSTRUCTION COST: Private

Project Contact:

Steve De Jesus
Ronald McDonald House Charities
841 Country Club Drive
Morgantown, WV 26505



PHYSICIAN'S OFFICE CENTER-- UNIVERSITY HEALTHY ASSOCIATES

Morgantown, WV

Alpha provided architectural services to renovate portions of the first, second and third floors of the Physician's Office Center.

The eye clinic and dentistry clinic located on the first floor were completely renovated to accommodate the relocation of the Ear Nose and Throat Clinic from the second floor and to construct a new MRI Center. The project was phased so that all departments were minimally affected and still be able to fulfill patient needs.

The second floor was renovated to enlarge the existing Departments of Pediatrics and Orthopedics clinic spaces, as well as add an additional X-Ray room for the Radiology Department.

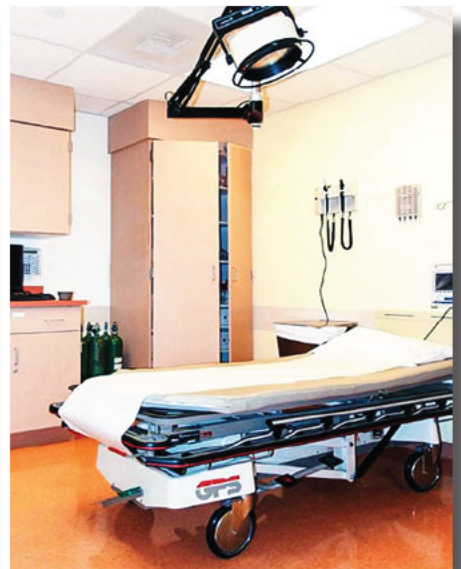
The third floor renovation included enlarging spaces, addition of casework, and selective demolition and remodeling for the Department of Medicine Clinics.

At a Glance

CLIENT: University Health Associates
LOCATION: Morgantown, WV
COMPLETION DATE: Multiple Phases
SIZE: Multiple Projects
CONSTRUCTION COST: Multiple Projects

Project Contact:

Paul Chico
P.O. Box 782
Morgantown, WV 26506
304-598-6834



Patient Rooms Improvement & Modernization

Evangelical Community Hospital

Lewisburg, PA

PROJECT DETAILS

Project Area
112,000 sq. ft.

Construction Cost
\$54 million

Completion Date
September 2020

CLIENT REFERENCE

William Anderson
Evangelical Community
Hospital
570-522-2752

PROJECT MANAGER

Michael Jacobs, PE, LEED AP
Barton Associates, Inc.
717-845-7654
maj@ba-inc.com



Barton Healthcare provided mechanical, electrical, plumbing engineering and architectural lighting design services for additions and renovations to the 112,000 square foot, four-floor, 88 bed addition and 11,000 square foot renovation to Evangelical Community Hospital's existing 132 bed acute care hospital. The construction project provided new single-occupancy patient rooms to replace the hospital's aging double occupancy rooms. Several other amenities for patients, families, and staff were constructed to improve the patient experience and optimize delivery of care. On the first floor, the addition included a new main entrance and lobby, guest services suite, conference center, a café and gift shop, and shared registration for new pre-admission care and medical infusion suites. The second floor contains a 24-bed intermediate care unit and a renovation that included a new 12-bed intensive care unit. The third floor included a 28-bed medical/surgical unit and the fourth floor encompasses a 24-bed orthopedics unit and gym.

West Wing Unit Renovations

UPMC Shadyside

Pittsburgh, PA

PROJECT DETAILS

Project Area
80,000 sq. ft.

Construction Cost
Estimated \$40 million

Completion Date
February 2021

CLIENT REFERENCE

Douglas Spies
University of Pittsburgh
Medical Center
412-864-1968

PROJECT MANAGER

Jonathan B. Slagel, PE, LEED
AP, HFDP
Barton Associates, Inc.
717-845-7654
jbs@ba-inc.com



Photo Copyright Ed Massery

Barton Healthcare provided mechanical, electrical and plumbing design for an approximately 80,000 square foot renovation of 5 patient floors in the West Wing of UPMC Shadyside. Project included two floors of ICU patient units, two floors of medical-surgical patient units and one floor for stem cell and bone marrow transplant patients. The project construction was e phased floor by floor which requires significant coordination of work to minimize shut-downs and service outages for functioning patient floors. The project also incorporated mechanical system infrastructure improvements including cooling tower upgrades, custom air handler unit refurbishments and upgrades, and building controls upgrades.

New Hospital

UPMC Memorial

York, PA

PROJECT DETAILS

Project Area
275,000 sq. ft.

Construction Cost
\$111 million estimated

Completion Date
August 2019

CLIENT REFERENCE

Paul Toburen
UPMC
717-782-3622

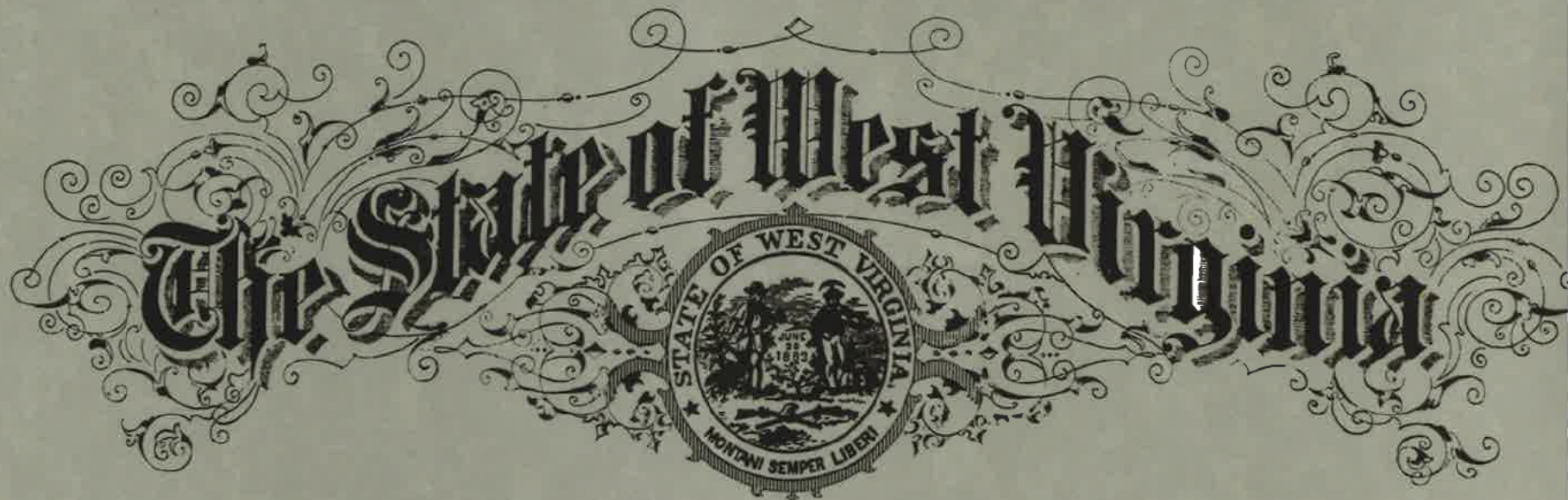
PROJECT MANAGER

Michael A. Jacobs, PE, LEED AP
Barton Associates, Inc.
717-846-7654
maj@ba-inc.com



Barton Healthcare provided mechanical, electrical, plumbing and fire protection engineering services for a new, five-story, 275,000 square-foot replacement hospital for UPMC. The new 130-bed hospital was built on the former Hawk Lake Golf Course in West Manchester Township. The project constructed a new state-of-the-art healthcare facility complete with Emergency, Surgical, Women and Babies, Radiology, Cardiac Catherization and general Inpatient Care services for the surrounding community of York.

Barton Healthcare's design of the engineered building systems for the new facility was focused on improving the health, safety and comfort of all patients, employees and community members who are served by this hospital. Barton was proud to collaborate with UPMC, Stantec, Quandel Construction Group and Dawood Engineering for the design of the important new facility.



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. Fickens* President
Kenneth H. Means *Robert B. Scott*



STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

To all to whom these presents shall come, Greeting

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

Charles B. Branch

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

Registration Number



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



Given under the hand and the Seal of the Board at the Capitol in the City of Charleston,
this *18th* day of *February* in the year of our Lord *2002*
and of the State the *One Hundred Thirty-Eighth*

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

L. R. Ricketts

By

Frank D. Gaddy

L. J. Burns, Jr.

Lucretia

[Signature]



STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

To all to whom these presents shall come Greeting

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

Bradley H. Casdorph

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

REGISTERED PROFESSIONAL ENGINEER

Registration Number [REDACTED]

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



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

Members of the Board

Leland D. Thomas, Jr.

Richard E. Dlyns

Bhajan S. Sharma

William E. Viersen

[Signature]



STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

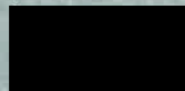
To all to whom these presents shall come, Greeting.

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

Charles B. Luttrell

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

Registration Number



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

For Record

Frank H. Naddy

W. L. Lunde
L. J. Lunde

W. B. Faulkner



STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

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

Matthew T. Echard

DOES IN PURSUANCE OF AUTHORITY VESTED IN IT

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

REGISTERED PROFESSIONAL ENGINEER

Registration Number [REDACTED]

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



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

Members of the Board

Louise D. Thomas, Jr.

Richard E. Dlyna

Bhajan S. Saha

William E. Viersen

[Signature]

The Board of Architects



of West Virginia.

No. [REDACTED]

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



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

Will E. [Signature]

President.

E. [Signature]

Secretary.

CERTIFICATE OF *Authorization*

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

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

ALPHA ASSOCIATES, INC.

C00012-00

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

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

January 1, 2020 - December 31, 2021

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

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



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

BOARD PRESIDENT

HEAR FROM OUR CLIENTS.



J. Paul Walden
West Virginia University

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



Robert Hammel
Former Director
Morgantown Municipal Airport

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

References

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

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

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

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

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