



H.F. LENZ
COMPANY

A/E SERVICES FOR CAMP DAWSON BUILDING 215 RENOVATIONS

CEOI 0603 ADJ20000000006

Architectural & Engineering Services

Public Notice Date: March 16, 2020

Submission Date: April 16, 2020

EXPRESSION OF INTEREST



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WV PURCHASING
DIVISION



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



April 16, 2020

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

Attn: Tara Lyle

**RE: CEOI 0603 ADJ2000000006
Camp Dawson Building 215 Medical Wing Renovation**

Dear Ms. Lyle,

Alpha Associates, Incorporated team is pleased to submit our qualifications to provide architectural and engineering services for the renovations of Building 215 at Camp Dawson located in Kingwood, West Virginia. We have established a strong team for this important project. As the original designer of the Medical wing we have a unique interest overseeing the renovation of this important space. Alpha's past experience with similar projects including the designing the original three dormitories currently being utilized by the Challenge Academy as well as the current Medical Wing, along with our intimate knowledge of Camp Dawson make us a perfect teaming partner for you on your completion project.

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

Design Team

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

and technicians. The personnel that will be dedicated to your project are highly qualified professionals and support staff with the technical expertise to meet and exceed expectations of this project. This project will be managed from Alpha's Corporate Office located in Morgantown, West Virginia. Alpha's Office in Morgantown is approximately 45 minutes from the site. This allows us to offer the WV National Guard and Camp Dawson a cohesive design team for a seamlessly completed project. Alpha has partnered with HF Lenz to perform the mechanical and electrical designs. Alpha has a successful partnership with HF Lenz that's developed over a decade and has included numerous projects. This successful history allows us to provide the WVARNG with a cohesive team on this project.

Project Understanding

The Army National Guard is looking to partner with a firm to provide interior and exterior renovations services for Building 215. This project will include a full renovation of the medical wing in the building. Key renovations will include a new floor plan, more efficient heating and cooling system, restroom renovations, as well as a new hot water system. These renovations will also consist of new interior doors, LED lighting and new fire alarm, and to provide electric and data to the classrooms.

Summary

The Alpha Team is looking forward to building a successful relationship with the WV Army National Guard and the State of West Virginia by providing excellent service at affordable costs. Our dedicated team of professionals will make your project a priority. If you would like to further discuss this upcoming project, please contact me at (304) 296-8216 ext. 102.

Sincerely,

ALPHA ASSOCIATES, INCORPORATED



Richard A. Colebank, PE, PS
President and COO

rick.colebank@thinkalphafirst.com

WELCOME TO ALPHA ASSOCIATES, INC.

FIRM PROFILE

Contract Role: Prime
Architect & Engineer

Principals

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

Address

209 Prairie Ave
Morgantown, West Virginia 26501

535 West King Street
Martinsburg, West Virginia 25401

Number of Employees

22

Services

Architectural Design
Civil Engineering
Structural Engineering
Surveying
Interior Design
Landscape Architecture
Construction Administration





H.F. Lenz Company

H.F. Lenz Company was established 1946 in its present form, under the name H.F. Lenz Company, R.E., and in 1953 the company was incorporated, as a Private Corporation, in Pennsylvania as H.F. Lenz Company. Our projects span the nation, with the heaviest concentration in the Northeast, and exceed \$530 million in MEP, Civil and Structural construction annually. Each market sector—corporate, government, health care, education, and industry—is served by a team of specialists who understand the unique needs of the clients they serve. Our staff consists of 160+ individuals, including 49 Licensed Professional Engineers and 20 LEED Accredited Professionals. Our headquarters is in Johnstown Pennsylvania with branch offices in Pittsburgh and Lebanon, Pennsylvania Conneaut, Ohio, and Middletown, Connecticut.

Johnstown Headquarters

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

Pittsburgh Office

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

Central Pennsylvania Office

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

Ohio Office

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

Connecticut Office

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

DISCIPLINES/SERVICES OFFERED IN-HOUSE INCLUDE:

- > Mechanical Engineering
- > Electrical Engineering
- > Data/Communications Engineering
- > Fire Protection / Life Safety Engineering
- > Structural Engineering
- > Civil Engineering
- > Surveying
- > GIS
- > Construction Phase Services
- > Commissioning and Training
- > 3D CADD with Full Visualization
- > Energy Modeling
- > Sustainable design/LEED Services
- > Building Information Modeling (BIM)

MEDICAL FACILITIES AND CLINICS

Our Healthcare Team's responsiveness and technical expertise has led to the development of long-term business relationships with many health care clients. Our team's experience includes new construction, renovation projects, and evaluations and studies. Our projects range from renovations of individual departments, to modifying or replacing building-wide mechanical, electrical, and fire protection/life safety systems to the new construction of full service acute care hospitals.

The **Department of Veterans Affairs** is a prime example of one of our partnering relationships. Our firm has been working with the DVA since the 1970s and has provided the engineering design for over two million sq.ft. of new and renovated space with a total construction value in excess of \$300 million. Our team is up-to-date with the current VA criteria as we continue to use it for ongoing projects. VA criteria is typically more stringent than FGI guidelines and other resources and often is discussed with the facility engineers before proceeding with design. Our experience includes medical clinics, outpatient centers, and new construction and infrastructure upgrades for VA Medical Centers in Pennsylvania, West Virginia and New York.

ALPHA ASSOCIATES, INC. STATEMENT OF QUALIFICATIONS

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

Since 1969, Alpha has provided architectural and engineering design services throughout the state of West Virginia. We have worked with many local, state, and federal government entities on numerous building renovation projects of varying sizes and types. In this proposal, you will find examples that showcase the Alpha Team's exceptional project experience on similar type facilities.

Alpha has a successful relationship with Camp Dawson that's developed over a decade and has included more than 8 projects. This successful history allows us to provide the State and the West Virginia Army National Guard with a cohesive team on this project. Alpha has the knowledge and understanding in design and construction to complete this project seamlessly from the initial project inspections to the development of plans. The Alpha team will be your expert for this project.

Alpha's philosophy has always been to provide exemplary services for fair fees. We have always believed that the best way to succeed as a business is to go above and beyond the basic requirements of our contracts and do everything necessary to successfully complete the given project. What is best for the client is inevitably best for us too.

Everyone at Alpha, from the President to the administrative staff, all work towards the goal of completing successful projects. Our principals are involved with projects from the earliest stages right through final completion and beyond. They will consistently update you on your project by using effective communication tools to manage the projects and all the involved parties. Our skilled staff of twenty two (22) architects, engineers, surveyors and administrative personnel all work diligently towards producing the drawings and specifications that will deliver our clients successful projects, completed on time and within budget.

Alpha has thrived for 51 years because we are a professional organization dedicated to providing superior architectural and engineering design services to our clients. While our staff is large enough to handle any size project, we are also small enough to give each and every one of our projects the individual attention to detail that will make them successful projects for our clients.

THINK ALPHA FIRST.

STAFF PLANNING

TO BE ASSIGNED YOUR PROJECT.

All work to be performed for the WVARNG will be managed out of Alpha's Morgantown office. In addition to your dedicated Project Team, Alpha's staff of 22 includes engineers, architects, architectural designers, interior designers, landscape designers, technicians, and support staff that are available to assist with any potential project need.



Richard A. Colebank
PE, PS
President & COO



Rebecca Key
AIA, LEED-AP
Director of Architecture



Casey Smith
AIA Associate
Architectural Designer



Thomas Deter
PE, LEED-AP
Mechanical Engineer



Steven Mulhollen
PE
Electrical Engineer



John Stewart
PE, LEED AP
Mechanical Engineer



Gregory Rummel
CPD
Plumbing/Fire
Protection Designer



MEET ALPHA'S 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

Gabrielle Dixon
Architectural
Technician

Alex Haill
Construction
Administration

CIVIL ENGINEERING

Charles Branch
PE; Principal
Senior Civil Engineer

Bradley Casdorph
PE, PS
Civil Engineer

Tom Simpson
PE
Civil Engineer

David Costello Jr.
PS
Manager of Surveying

Julie Frazee
Engineering Technician

Kevin McCung
Engineering Technician

Barbara Kerns
Survey Crew

Tyler Collins
Survey Crew

STRUCTURAL ENGINEERING

Charles Luttrell
PE, Principal
Senior Structural Engineer

Matthew Echard
PE
Associate Structural Engineer

Cody James
Engineering Technician

OFFICE ADMINISTRATION

Heather Fox
Business Manager

Kayla Facemire
Marketing Coordinator

Kim Coomler
Administrative Assistant

MECHANICAL, ELECTRICAL, PLUMBING

Thomas Deter
PE, LEED-AP
Mechanical Engineer

Steven Mulhollen
PE
Electrical Engineer

John Stewart
PE, LEED AP
Mechanical Engineer

Gregory Rummel
CPD
Plumbing/Fire Protection Designer

SCHEDULE AND BUDGET.

Alpha Associates, Incorporated has an excellent track record of producing projects on time and within the Owner's budget. Many A/E firms can claim the same successes, but the determining factor is the tools the firms utilize to achieve the budgets, both in regard to funds and time. Alpha utilizes a number of tools, both traditional and modern to exceed our clients' expectations.

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

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

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

Successful project management depends upon consensus regarding work efforts, milestones and goals. The team has found that the development of detailed work plans, which delineate tasks and deliverables for each project phase, in concert with the client and full project team, is the most effective means of establishing expectations about efforts required by the respective disciplines. In addition to guiding the efforts of the design team, the work plan sets forth specific time frames and decision points for Owner and user reviews, comments and approvals.

Developing an overall project schedule is a critical task that must take into account many factors: building type, owner's desire for occupancy, scope of work and level of documentation, whether contract(s) is bid or negotiated, available fee, and prior experiences on similar projects. Characteristic of the client, its organization, or the involvement of a construction manager and his responsibility for document review must also be considered.

This starts with a kick-off meeting which establishes ground rules, responsibilities, and line of communication. We have found that a team visioning session is a great way to get everyone started off on the right track. Determining a project schedule is a task that must be done with all parties involved in the process. Once the design process begins, a very detailed, realistic project schedule can be developed and communicated to all involved.

In a world where "time is money", the schedule of a project is almost as important as controlling the cost. Alpha also works diligently to control the budget of a project. The best way to control the cost of a project is to avoid the "scope creep" that can occur.

Alpha's in house cost estimators, combined with an excellent relationship with contractors throughout the area, will provide the WVARNG with the most accurate estimates of probable construction cost.

CAPACITY & SOFTWARE.

OUR CAPABILITIES

Alpha Associates, Incorporated is prepared to commit staff resources to the Building 215 Renovation 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 the WVARNG 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 19
 - REVIT (Editions up to 2020)
 - Civil 3D
 - RISA 3D
 - RISA Floor
 - RISA Foundation
 - MathCAD
 - D4I 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

Board-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
- Morgantown Municipal Airport Access Road; Morgantown, WV
- Clarksburg State Office Building; Clarksburg, WV
- College of Physical Activity & Sports Science; Morgantown, WV
- WVDOH Open End Engineering Contract; WV
- WVDOH Deckers Creek Pedestrian Bridge; Morgantown, WV
- WVDOH Deckers Creek
- 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
- Queen Street Underpass; Martinsburg, WV



RICHARD W. KLEIN

PE, PS; CHAIRMAN & CEO

☎ 304-264-0051 | 877-264-0051

✉ richard.klein@thinkalphafirst.com

EMPLOYMENT HISTORY

1995-Current | Alpha Associates, Inc.

1974-1995 Kelley, Gidley, Blair and Wolfe, Inc.

EDUCATION

University of Charleston
Masters of Business Administration; 1987

West Virginia Institute of Technology
Bachelor of Science- Civil Engineering;
1973

QUALIFICATIONS

License: Professional Engineer: West Virginia, Maryland, South Carolina

Professional Surveyor: West Virginia

AFFILIATIONS

WV Society of Professional Engineers
National Society of Professional Engineers
American Society of Civil Engineers
American Water Works Association
Water Pollution Control Federation
Main Street Martinsburg; Member
Shepherdstown Rotary Club
WVU Medicine, University Healthcare
Foundation Executive Board
For the Kids George Children's Museum

SUMMARY

Mr. Klein, in addition to Chairman & CEO, serves as Regional Manager and Civil Engineer of our Martinsburg pffoce. He has more than 43 years of experience in Civil Engineering Design, Construction Phase Services, Project Management and Operations Management. During the past 29 years, Mr. Klein worked on numerous projects in the Eastern Panhandle serving districts in Berkeley, Jefferson, and Morgan counties; industries such as Winchester and Western Railroad, Halltown Paperboard, Millville Quarry, ESSROC and major developments including Liberty Business Park, Coast Guard Operations Systems Center and the Eastern Management Development Center.

PROFILE

Board-based responsibilities in the following areas:

- Municipal Engineering
- Site Planning
- Storm Water Management
- Water Distribution Systems
- Waste Water Collection and Treatment
- New Business Development

PROFESSIONAL HIGHLIGHTS

Civil Engineering Projects:
Shepherd University Pedestrian Underpass; Shepherdstown, WV
Washington High School; CharlesTown, WV
Harpers Ferry/Bolivar WWTP Design Improvements
Bradstone-SHenandoah Casting Plant Site Plan
TB&H Ready-Mix Concrete Plant Site Design
The Woods Home Owners Association Water System Analysis
Shepherd College Interceptor Sewer; Shepherdstown, WV
Martinsburg Roundhouse Site Design; Martinsburg, WV
Cumberland Valley Railroad Department; Martinsburg, WV
Halltown Paperboard Company, Wastewater Treatment Plant
Corp. of Sheperdstown, Renovation of Main Sweage Pump Station
Martinsburg Little League Fields; Martinsburg, WV
Berkeley Co. Court House, Parking Lots and Guard House
Swift Transportation Truck Depot Site Plan
Eastern Management Development Center; Sheperdstown, WV
Berkeley Springs Water System Improvements Phase 1, 2, and 3
Rt. 522 Southm Water and Sewer System Extensions; Morgan County
Colonial Hills Subdivision; Jefferson County, WV
Quail Ridge Subdivision; Berkeley County, WV



CHARLES B. BRANCH

PE; PRINCIPAL & CIVIL ENGINEER

☎ 304-296-8216 | 800-640-8216

✉ chuck.branch@thinkalphafirst.com

EMPLOYMENT HISTORY

1992-Current | Alpha Associates, Inc.

1988-1992 | Reimer, Muegge, & Associates, Inc.

EDUCATION

West Virginia University
Bachelor- Civil Engineering; 2000

Fairmont State College
Bachelor- Architectural Engineering
Technology; 1988

QUALIFICATIONS

License: Professional Engineer;
West Virginia

AFFILIATIONS

WV Society of Professional Engineers
National Society of Professional Engineers

SUMMARY

As Chief Engineer for site development and planning projects, Mr. Branch us 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

Board-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 Evansdale Redevelopment; Morgantown, WV
- WVU Health Sciences Center Eastern Division; Martinsburg, WV
- Blackshere Bridge; Mannington, 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



CHARLES B. LUTTRELL

PE; 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 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

Borad-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; Morgantown, 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
West Buckeye Bridge; Core, WV
Washington High School; Charles Town, WV
WVU Coliseum Structural Inspection; Morgantown, WV
WVU Coliseum Scoreboard Hoist Project; Morgantown, WV
Alderson Broaddus College, Rex Pyles Arena Deck; Phillipi, WV
Mountaineer Middle School Renovation; Morgantown, WV
Salem International Building Inspections; Salem, WV
Monongalia County Sheriff's Building; Morgantown, WV
South High Street Bridge; Morgantown, WV
Ices Ferry Bridge; Morgantown, WV



REBECCA KEY

AIA, LEED-AP; DIRECTOR OF ARCHITECTURE

☎ 304-296-8216 | 800-640-8216

✉ rebecca.key@thinkalphafirst.com

EMPLOYMENT HISTORY

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

EDUCATION

University of Maryland
Bachelor of Architecture; 1977
Maryland Institute College of Art
Coursework in Furniture Design; 1986-1987

QUALIFICATIONS

License: Registered Architect: West Virginia, Maryland, Washinton DC, New York, Virginia, Pennsylvania
NCIDQ Certified (Interior Design)
Leadership in Energy and Environmental Design Accredited Professional
Meet Standards of Secretary of the Interior for Historic Architecture

AFFILIATIONS

American Institute of Architects
West Virginia Society of Architects
Fairmont, WV ICC Board of Appeal;
Board Member
U.S. Green Building Council
AIA Liveable Communities
Marion County Chamber of Commerce
Leadership Kanawha Valley
Class of 2014

SUMMARY

Ms. Key has worked in the architectural field for over 35 years. She serves as Project Architect/Project Manager for numerous architectural 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

Borad-based responsibilities in the following areas:

- Architeturual 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
- Huff Consolidated School; Hanover, WV

Historic Renovations:

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

Recreation:

- Ruby McQuain Amphitheater; Morgantown, WV
- North Fork Hughes Rover 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 Apartment

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



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, Incorporated

EDUCATION

West Virginia University
Masters - Soil Conditions & Foundation
Design; 1982
Bachelor - Civil Engineering; 1979

QUALIFICATIONS

License: Professional Engineer: West Virginia
Professional Surveyor: West Virginia
Certified Private Pilot

AFFILIATIONS

WV Society of Professional Engineers
National Society of Professional Engineers
WVSPS- Mountain Region Chapter
Aircraft Owners and Pilots Association

SUMMARY

Mr. Casdorff joined the Alpha Associates, Incorporated team in 2004 and currently works as a project engineer in the Morgantown office. He has 37 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

PROFESSIONAL HIGHLIGHTS

Civil Engineering:

- WVDOH Arnettsville Bridge Replacement; Monongalia County, WV
- WVDOH 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
- Morgantown Municipal Airport Access Road; Morgantown, 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

Surveying:

- WVDOH Arnettsville Bridge Replacement; Monongalia County, WV
- Morgantown Municipal Airport Access Road; Morgantown, WV
- Mon General Hospital Access Roadway; Morgantown, WV
- Freedom Automotive Three Dealerships; Morgantown, WV
- Freedom Kia Clarksburg; Clarksburg, WV



MATTHEW T. ECHARD

PE; STRUCTURAL ENGINEER & ASSOCIATE

☎ 304-296-8216 | 800-640-8216

✉ matthew.echard@thinkalphafirst.com

EMPLOYMENT HISTORY

2016-Current | Alpha Associates, Inc.
2010-2015 | Echard ingenieurBuro
2006-2009 | Buro Happold Consulting Engineers
2003-2006 | RISA Technologies, Inc.
2000-2003 | Zaldastani Associates, Inc.

EDUCATION

Massachusetts Institute of Technology
Masters- Engineering & Environmental
Mechanics, 2002

West Virginia University
Bachelors of Science- Civil Engineering,
2000

QUALIFICATIONS

License: Professional Engineer:
West Virginia, California

California OES SAP Evaluator

AFFILIATIONS

American Concrete Institute (ACI)
American Institute of Steel Construction (AISC)
American Society of Civil Engineers (ASCE)
American Wood Council (AWC)

PUBLICATIONS

Echard, M. and Tonis, D. Convergent Design
Methodology for Bio-Science Labs:
Architectonic and Performative Structural
Considerations Using the Geilinger Composite
Column Solution. Proceedings of ICSA2010-
First International Conference on Structures
and Architecture Guimaraes, Portugal, July
2010, Taylor & Francis.

Echard, M. Structural Analysis and Design
Within a BIM Framework. EASEC 10- East Asia
Structural Conference, Bangkok, Thailand,
August 2006.

SUMMARY

Mr. Echard joined Alpha Associates, Inc. in early 2016 with a strong belief that his clients deserve intelligent, performance-based and value-oriented solutions. Drawing on experience working across in the United States, Europe, and the Middle-East, Mr. Echard returned to West Virginia to provide world-class service in a historically 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

Borad-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



CASEY SMITH

AIA ASSOC.; ARCHITECTURAL DESIGNER

☎ 304-296-8216 | 800-640-8216

✉ casey.smith@thinkalphafirst.com

EMPLOYMENT HISTORY

- 2016-Current | Alpha Associates, Inc.
- 2014-2016 | MSES Architects
- 2011-2014 | Blackwood Associates
- 2007-2009 | Vandalia Heritage Foundation

EDUCATION

- Boston Architectural College
Master of Architecture
- Fairmont State University
Bachelor- Architecture
2009

SUMMARY

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

PROFILE

- Board-based responsibilities in the following areas:
 - Architectural/Structural Construction Drawings
 - Construction Administration
 - Project Management Assistance

PROFESSIONAL HIGHLIGHTS

- Construction Administration Projects:
 - Cacapon State Park Lodge Renovation
 - Los Mariachis New Restuarant; Morgantown, WV
 - Freedom Ford Automotive Dealerships; Granville, WV
 - Elkins Fordland; Elkins, WV
 - Federal Group GSA VA Tenant Improvement Project
 - Point Marion ADA Deck; Point Marion, PA
 - Los Mariachi Renovation; Morgantown, WV
 - WVU Hazel Ruby McQuain Education & Resource Center; Reedsville, WV



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

Principal-in-Charge of MEP Systems Engineering

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

PROJECT EXPERIENCE

Camp Dawson, U.S. Army National Guard, Kingwood, West Virginia

- › Three new billeting facilities

Mount Nittany Medical Center, State College, Pennsylvania

- › Design for 42,000 sq.ft. East Wing Addition
- › 12 kV primary distribution system
- › UPS evaluation
- › TVSS design
- › Generator #3 replacement

James E. Van Zandt Veterans Affairs Medical Center, Altoona, Pennsylvania

- › Segregation of emergency power distribution within the Main Patient Building, Emergency Department, and Ambulatory Surgical Center

Lincoln University, Chester County, Pennsylvania

- › New 150,000 sq.ft. Health and Wellness Center with clinics, fitness areas, indoor track, conference rooms, lounges, classrooms, offices and dining area

Pennsylvania Army National Guard, Pittsburgh, Pennsylvania

- › Rehabilitation of New Castle Readiness Center
- › Rehabilitation of Crane Readiness Center

U.S. Army Reserve Center, Wheeling, West Virginia

- › Design/build training building with classrooms, administrative areas, library, assembly hall, weaponeer room and medical section, and 17,000 sq.ft. OMS/AMSA

U.S. Army Reserve Aviation Center, Weirton, West Virginia

- › Design/build training building with classrooms, assembly hall, arms vault, armorer, weaponeer room, and Comsec training area, and a 6,300 sq.ft. OMS

EDUCATION

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

EXPERIENCE

H.F. Lenz Company 1992-Present • Parfitt/Ling Consulting Engineers 1990-1992 • Gary Johnston & Assoc., Inc. 1987-1990

PROFESSIONAL REGISTRATION / CERTIFICATION

Licensed Professional Engineer in PA, AR, ID, IL, IN, MD, NC, NE, NJ, OH, OK, OR, SD, VA and WV • LEED Accredited Professional

PROFESSIONAL AFFILIATIONS

NSPE/PSPE • U.S. Green Building Council



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

Mechanical Engineer

Mr. Stewart has over 35 years of experience in the design of HVAC, plumbing, and fire protection systems. His responsibilities have included code compliance verification, schematic layout, calculations, equipment selection, control system selection, specification writing, coordination, life cycle cost analyses, and cost estimating. His experience includes the design of mechanical systems for laboratories, hospitals, educational facilities, industrial plants, and military installations. He has also been involved in the design of chiller and boiler plants.

EDUCATION

Master of Science, Mechanical Engineering, 1995, University of Pittsburgh

Graduate Courses in Facilities Engineering, 1984-1987, Air Force Institute of Technology

Bachelor of Science, Mechanical Engineering, 1984, University of Pittsburgh

EXPERIENCE

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

PROFESSIONAL REGISTRATION / CERTIFICATION

Licensed Professional Engineer in Pennsylvania; LEED Accredited Professional

PROFESSIONAL AFFILIATIONS

American Society of Heating, Refrigerating, and Air-Conditioning Engineers; APPA; U.S. Green Buildings Council

PROJECT EXPERIENCE

Camp Dawson, U.S. Army National Guard, Kingwood, West Virginia

- › Three new billeting facilities

West Virginia University Heart Institute, Building 600 Suncrest Towne Centre, Morgantown, West Virginia

- › Design/build 30,000 sq.ft. medical office building
- › Tenant fit-up of 15,000 sq.ft. for the WVU Heart Institute
- › Remaining 15,000 sq.ft. of the building consists of medical office space

Lincoln University, Chester County, Pennsylvania

- › New 150,000 sq.ft. Health and Wellness Center with clinics, fitness areas, indoor track, conference rooms, lounges, classrooms, offices and dining area

Walter Reed Army Medical Center

- › Renovation and upgrade to Building 12, Provost Marshal's Facility
- › Repair and upgrade of the main steam distribution system from the Garrison's Steam Plant, Building 15, to the Main Hospital building, Building 2

Pennsylvania Army National Guard, Pittsburgh, Pennsylvania

- › Rehabilitation of New Castle Readiness Center
- › Rehabilitation of Crane Readiness Center

Letterkenny Army Depot, Chambersburg, Pennsylvania

- › Over 100 projects completed under seven consecutive term contracts including Building 1, New SCIF

911th Airlift Wing, U.S. Air Force Reserve, Greater Pittsburgh International Airport, Coraopolis, Pennsylvania

- › Various renovations and new construction under two term contracts



Steven P. Mulhollen, P.E.

Electrical Engineer

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

PROJECT EXPERIENCE

Camp Dawson, U.S. Army National Guard, Kingwood, West Virginia

- › Three new billeting facilities

West Virginia University Heart Institute, Building 600 Suncrest Towne Centre, Morgantown, West Virginia

- › Design/build 30,000 sq.ft. medical office building
- › Tenant fit-up of 15,000 sq.ft. for the WVU Heart Institute
- › Remaining 15,000 sq.ft. of the building consists of medical office space

Lincoln University, Chester County, Pennsylvania

- › New 150,000 sq.ft. Health and Wellness Center with clinics, fitness areas, indoor track, conference rooms, lounges, classrooms, offices and dining area

James E. Van Zandt Veterans Affairs Medical Center, Altoona, Pennsylvania

- › Segregation of emergency power distribution within the Main Patient Building, Emergency Department, and Ambulatory Surgical Center; included a new 1000 kW generator and automatic transfer switches

Pennsylvania Army National Guard, Pittsburgh, Pennsylvania

- › Rehabilitation of New Castle Readiness Center
- › Rehabilitation of Crane Readiness Center

Letterkenny Army Depot, Chambersburg, Pennsylvania

- › Over 100 projects completed under seven consecutive term contracts

911th Airlift Wing, U.S. Air Force Reserve, Greater Pittsburgh International Airport, Coraopolis, Pennsylvania

- › Various renovations and new construction under two term contracts
- › Primary underground site investigation, mechanical, plumbing, electrical, land survey and utility location consulting for 4160V electrical relocation

EDUCATION

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

EXPERIENCE

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

PROFESSIONAL REGISTRATION / CERTIFICATION

Licensed Professional Engineer in PA, AL, CA, DC, FL, HI, IA, NJ, KS, KY, LA, MA, MD, MI, MO, NC, NE, NM, NV, NY, OH, RI, SC, TN, and WV

PROFESSIONAL AFFILIATIONS

Institute of Electrical and Electronics Engineers, Inc.



Gregory D. Rummel, CPD

Plumbing/Fire Protection Designer

Mr. Rummel has designed complete plumbing and fire protection systems for colleges, schools, office buildings, hospitals, prisons, laboratories, industrial facilities, and military installations. He is fully knowledgeable of NFPA codes and is experienced in the design of wet, dry, preaction, FM200, and deluge fire protection systems. He is responsible for plumbing and sprinkler system design, layout, and calculations; selection and sizing of equipment; cost estimates; and site survey work. Mr. Rummel supervises drafting personnel; coordinates the plumbing design with utility companies, with other trades, and with the Project Engineer and Project Architect; and is responsible for assembling complete and accurate plumbing bid documents which meet H.F. Lenz Company standards.

EDUCATION

Bachelor of Science, Mechanical Engineering Technology, 2000, Point Park College

Associate in Specialized Technology 1984, Architectural Drafting and Construction with CAD Technology, Triangle Institute of Technology

EXPERIENCE

H.F. Lenz Company 1989- Present •
Newport News Ship Building 1984-1989

PROFESSIONAL REGISTRATION / CERTIFICATION

Certified in Plumbing Design, ASPE

PROJECT EXPERIENCE

Camp Dawson, U.S. Army National Guard, Kingwood, West Virginia

- › Three new billeting facilities

West Virginia University Heart Institute, Building 600 Suncrest Towne Centre, Morgantown, West Virginia

- › Design/build 30,000 sq.ft. medical office building
- › Tenant fit-up of 15,000 sq.ft. for the WVU Heart Institute
- › Remaining 15,000 sq.ft. of the building consists of medical office space

Lincoln University, Chester County, Pennsylvania

- › New 150,000 sq.ft. Health and Wellness Center with clinics, fitness areas, indoor track, conference rooms, lounges, classrooms, offices and dining area

Pennsylvania Army National Guard, Pittsburgh, Pennsylvania

- › Rehabilitation of New Castle Readiness Center
- › Rehabilitation of Crane Readiness Center

U.S. Army Reserve Aviation Center, Weirton, West Virginia

- › Design/build training building with classrooms, assembly hall, arms vault, armorer, weaponer room, and Comsec training area, and a 6,300 sq.ft. OMS

U.S. Army Reserve Center, Wheeling, West Virginia

- › Design/build training building with classrooms, administrative areas, library, assembly hall, weaponer room and medical section, and 17,000 sq.ft. OMS/AMSA

PARKERSBURG ARMORY RENOVATION & ADDITION

Parkersburg, WV; 2009

Alpha continues their relationship with the West Virginia Army National Guard with the renovation of a space originally designated as a rifle range at the Parkersburg Armory.

New offices, conference room, and break room provide new work space for officers. A secondary entrance was included in the design to serve the department that will occupy this space.

A fire alarm upgrade for the entire building was also included in the project scope as well as an alternate for an access control system and mass notification system.

At a Glance:

- CLIENT: WV Army National Guard
- LOCATION: Parkersburg, WV
- COMPLETION DATE: 2009
- SIZE: 2,600 Square Feet
- CONSTRUCTION COST: \$400,000



MINERS HEALTH AND SAFETY TRAINING BUILDING

Oak Hill, WV; 2018

Alpha Associates, Incorporated provided architectural design, civil and structural engineering services for renovations to the Miners Health and Safety Training Building. The building serves as an Training Building for the WV Miners Health and Safety.

Project consisted of:

- Renovation of Prefab Metal Building with added office space
- Poured Concrete
- Parking Lot
- New windows and doors
- Interior Finishes

At a Glance:

CLIENT: WVMHST
LOCATION: Oak Hill, WV
COMPLETION DATE: 2019
SIZE: 16,584 Sq. Ft.
CONSTRUCTION COST: \$690,000

Project Contact:

Eugene White
7 Players Club Dr. Ste 2
Charleston, WV 25311
304-469-8100



VA WEST VIRGINIA TRAINING ACADEMY

SHEPHERDSTOWN, WV; 2019

The VA WV National Training Academy consisted of the complete renovation of existing office space in Shepherdstown, WV. The space had to be re-designed to function as a place to hold training sessions as well as develop and film training videos for the VA.

To achieve this, high STC walls and doors had to be provided for the filming studios and the large training rooms. Standard enclosed offices, conference rooms, and open office space were also provided for the facility. Renovated restrooms and a new break area completed the project, providing all the spaces needed for the VA's intended usage of the site.

At a Glance:

CLIENT: The Federal Group
LOCATION: Shepherdstown, WV
COMPLETION DATE: 2019
SIZE: 14,825 Square Feet
CONSTRUCTION COST: Private

Project Contact:

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



CLARKSBURG STATE OFFICE BUILDING

CLARKSBURG, WV; 2017

Alpha Associates, Incorporated provided architectural design, civil and structural engineering and surveying services for a new State Office Building in Clarksburg, WV. The building is designed as an 88,491 square foot; four story office building that will hold State agencies.

The structure is brick, and structure glazed brick, and concrete frame. The project incorporated traditional and non-traditional interior partitions for offices. The building faces East/West to provide maximum passive solar benefit for energy savings, through the design of the mechanical systems. The project will be applying for Silver Certification under LEED standards.

At a Glance:

CLIENT: State of West Virginia
LOCATION: Clarksburg, WV
COMPLETION DATE: 2016
SIZE: 88,491 Square Feet
CONSTRUCTION COST: \$24.9 Million

Project Contact:

Robert Krause
1900 Kanawha Blvd, East
Charleston, WV 25305
304-558-2317



SOUTH AGRICULTURAL SCIENCES BUILDING

Morgantown, WV; 2005

Alpha provided architectural and engineering design services for a two-story addition to the south side of the WVU Agricultural Sciences Building. The addition included reroofing, a large 250 seat, multi-tier general purpose lecture lab, 7 research labs, 2 teaching labs, 12 faculty offices, a greenhouse, assorted support rooms, and an unfinished shell space for future expansion, all within 40,000 square feet.

The expediency of the project necessitated a building envelope that was fast and affordable, while at the same time providing a connection with the existing white/gray masonry construction of the 1950's era Agriculture Sciences Building.

At a Glance:

CLIENT: West Virginia University
LOCATION: Morgantown, WV
COMPLETION DATE: 2005
SIZE: 40,000 Sq. Ft.
CONSTRUCTION COST: \$7.3 Million

Project Contact:

John Sommers
PO Box 6572
Morgantown, WV 26506
304-293-2856



CPASS & STUDENT HEALTH CENTER

Morgantown, WV; 2014

The College of Physical Activity and Sports Studies (CPASS) is a combined project of 120,000 square foot that borders the newly renovated athletic fields, also designed by Alpha. It is home to the new WVU Student Health Center (SHC) as well as three large general purpose classrooms that seat 50 or more students and five other classrooms, among other features. In addition, there is an athletic training room and lab, fitness room and computer lab that serve students from all colleges within the University. The Student Health Center brings together the traditional student health services, WVU Urgent Care, and Carruth Mental Health under one roof. The adjacency to the Student Recreation Center and Towers dormitories make this an ideal location for these functions on the campus. Brick, cast stone, and natural stone facades bring the Georgian aesthetics from the original Downtown campus with a hint of the modern forms and detailing found elsewhere on the Evansdale Campus.

At a Glance:

CLIENT: West Virginia University
LOCATION: Morgantown, WV
COMPLETION DATE: 2014
SIZE: 120,000 Square Feet
CONSTRUCTION COST: \$24,751,000

Project Contact:

Scott Owen
WVU Facilities Management Project Manager
P.O. Box 6570
Morgantown, WV 26505
304-293-7478



CAMDEN-ON-GAULEY MEDICAL CENTER

Camden-On-Gauley, WV; 2015

Alpha Associates, Incorporated provided architectural design services for renovation of an existing rural medical clinic. Emphasis was placed on ease of patient access while providing privacy for interaction of patients with medical clinic personnel at the point of entry. Other amenities included ADA compliant public toilet rooms, lobby renovation, new entrance and staff offices.

A circular reception desk was created that provided maximum efficiency for personnel and defined areas for appointment and payment consultation. Specific challenge of keeping the clinic operational during construction renovation involved phasing of the project.

At a Glance

CLIENT: Camden Family Health
LOCATION: Camden-On-Gauley, WV
COMPLETION DATE: 2015
SIZE: 1,350 SQ.FT.
CONSTRUCTION COST: N/A

Project Contact:

Meg Hickey
Camden Family Health
10003 Webster Road
Camden-On-Gauley, WV 26208



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



MEDICAL CENTER

PRIVATE CLIENT; 2019

Alpha Associates, Incorporated created schematic designs for the renovation of an existing 94,841 sq.ft. Building.

These designs incorporated the following:

- Administration Headquarters
- Medical and Dental Clinic
- Drive-Thru Pharmacy
- Fitness Center
- Adult Day Care
- Childcare
- Outpatient Surgery
- Urgent Care Clinic
- Behavioral Health/Drug Rehabilitation

At a Glance

CLIENT: PRIVATE

LOCATION: N/A

COMPLETION DATE: N/A

SIZE: 94,841 SQ.FT.

CONSTRUCTION COST: N/A





DOD FACILITIES EXPERIENCE

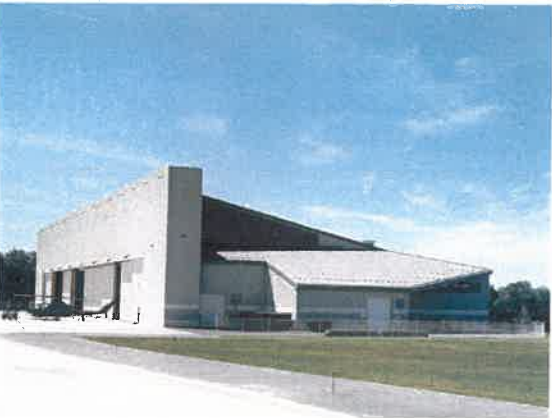
The team that will serve on this contract is comprised of dedicated, multi-discipline individuals, many of whom have been working together for over a decade. Together they have taken on the challenges of numerous high profile, complex projects and have derived workable, cost-effective solutions that have met the objectives of the client.

H.F. Lenz Company has provided engineering services for over \$100 million of construction for the Baltimore Corps of Engineers over the past 20 years including 7 indefinite delivery-type contracts and 11 new reserve centers, several of which were in West Virginia.



Our experience also includes the PA Army National Guard, Crane Readiness Center Rehabilitation project completed in 2015, and the PA Army National Guard, New Castle Readiness Center Rehabilitation, completed in 2018. We also recently awarded a project for the PA Army National Guard, Clearfield Readiness Center, which is just beginning design.

In addition, we have held six consecutive term contracts for Letterkenny Army Depot under which we have completed more than 100 projects requiring a variety of engineering expertise throughout the base.



Our experience at **Camp Dawson** includes the MEP/FP engineering services for the design of three new billeting facilities. The facilities were designed to resemble small, upscale hotels. Each facility consisted of eight sleeping rooms with full baths, a common gathering area with fire place, and a full kitchen. The project included the design of the heating, cooling, ventilation, lighting, power, fire alarm, telecommunications, fire protection, plumbing, and natural gas service. Each sleeping room had individual heating and cooling control.

Veterans Affairs Medical Center

Clarksburg, West Virginia

BEHAVIORAL HEALTH WING 4A & C RENOVATION

H.F. Lenz Company recently completed MEP and structural engineering design services for the renovation of existing wing 4A and C at the VAMC Clarksburg. The project renovated about 15,000 sq.ft. of existing original Building 1 patient areas into a current Behavioral Health Outpatient services space. The space was completely gutted and reworked to provide patient exam rooms, group rooms, office and conference room space, and support services.

The MEP work included complete demolition of all existing systems including the piping below the floor, a new AHU serving the entire space with new air distribution and terminal VAV boxes, new plumbing fixtures and piping, new sprinkler systems, and new lighting, power, and telecommunications systems.

The utility systems were taken from existing risers and distribution equipment available within or near the spaces. A new steam to hot water heat exchanger system was installed to serve the area under this project and also for the future area 4B renovation, which we are currently working on and is in the schematic design phase.

Construction was completed in 2014. The construction cost was \$3.7 million.

BEHAVIORAL HEALTH WING 4B RENOVATION

H.F. Lenz Company completed MEP and structural engineering design services for the renovation of existing wing 4B at the VAMC Clarksburg. The project renovated about 16,000 sq.ft. of existing original Building 1 patient areas into a current Behavioral Health Outpatient services space. The space was completely gutted and reworked to provide patient exam rooms, group rooms, office and conference room space, and support services.

The MEP work included complete demolition of all existing systems including the piping below the floor, extended the HVAC from the AHU installed in 4A & C with new air distribution and terminal VAV boxes, new plumbing fixtures and piping, new sprinkler systems, and new lighting, power, and telecommunications systems.

The utility systems were taken from existing risers and distribution equipment available within or near the spaces. Hot water was extended from area 4A & C renovation.

Construction was completed in 2014. The construction cost was \$5.8 million



Mount Nittany Medical Center

State College, Pennsylvania

NEW EAST WING ADDITION

H.F. Lenz Company provided the mechanical, electrical, plumbing and fire protection engineering services for Mount Nittany Medical Center's new state-of-the-art East Wing. The 52,000 sq.ft. overbuild addition added 68 new single patient rooms and increased the number of licensed beds by 25%. Despite challenges - such as a 10 week stop work order due to a volatile economy in Fall 2008 and the need to keep the campus fully operational during construction - the project was completed within 4 weeks of the original schedule, under budget and of the highest quality, while exceeding national safety measurables.

The overbuild addition, which is above an Intensive Care Unit on the floor below, is 4 stories high (second, third and fourth floors plus penthouse) and involved the construction of a 43,000 sq.ft. addition, 9,000 sq.ft. mechanical penthouse and 6,700 sq.ft. renovations.

The new second floor is a 12-bed Medical Intensive Care Unit and a 9-bed Acute Care Nursing Unit with telemetry monitoring, all in single-patient rooms. The new third and fourth floors are used for medical and surgical care with Acute Care Nursing Units, 24 single-patient rooms on the third floor which has become part of the Medical Center's Center of Excellence for Orthopedic in-patient care and 23 single-patient rooms on the fourth floor, used for the Medical Center's in-patient care for Medical Oncology.

Extensive upgrades to the infrastructure were required at the central utility plant which included a new utility tunnel with 12" chilled water mains, two new 1,000 KW emergency generators with paralleling gear and switchgear, a new above ground (AST) 15,000-gallon fuel tank, changeover to a new 12kV electrical service and two new chillers and cooling tower.

The addition was built directly above an active Medical/Surgical Intensive Care Unit and adjacent to occupied patient areas. Renovations included phasing for breakthrough points to the existing hospital involving 7 different departments. Nursing Managers were involved with planning and communications regarding plans for breakthrough and chase work which helped us complete the project with minimal impact on hospital patients and staff and no lost time accidents.

Construction on the \$28,500,000 project was completed in 2010.





Mount Nittany Medical Center

State College, Pennsylvania

NEW 12.47 kV ELECTRICAL SERVICE

H.F. Lenz Company was hired by Mount Nittany Medical Center to investigate the feasibility of restructuring the way they buy power from Allegheny Power Company. The Medical Center was buying 480 volt power from the utility at the schedule 30 rate. The study considered different options and presented a way for the Medical Center to restructure their electrical service to purchase 12.47 kV medium voltage power with the lower priced schedule 40 rate.

H.F. Lenz Company was authorized to proceed with the design phase of the project, which entailed the reconfiguration of the electrical distribution system and to replace the existing secondary service arrangement. The project involved the Medical Center purchasing new double-ended 15 kV switchgear to be located on their property. The new switchgear is fed from two service drops from the utility's 12.47 kV overhead distribution lines. The switchgear then feeds five 12.47 kV 480/277V transformers (four new, one purchased from the utility) for the building through an underground 15 kV distribution ductbank. The secondary services from the five transformers feed existing switchboards within the building.

The new system features the following advantages:

- › Construction was able to be funded by the cost savings resulting from the lower priced power
- › Replaced aging underground cables
- › Replaced aging and overloaded transformers
- › Standardized transformers size (1500 kVA)
- › Configured for future redundant service and feeders
- › Allows for future expansion
- › Begins to create a campus 12.47 loop



Veterans Affairs Medical Center

Lebanon, Pennsylvania

NEW BEHAVIORAL HEALTH OUTPATIENT FACILITY

H.F. Lenz Company provided the engineering services including commissioning for a new 17,000 sq.ft. Behavioral Health Outpatient Facility.

The space program consisted of exam rooms, classrooms, group conference rooms, work rooms, office space and support spaces.

The MEP work included demolition of two existing buildings on the future site, a new geothermal ground source heat pump system with central AHU, and a VAV chilled beam distribution system. A solar domestic hot water system was evaluated but was not selected.

An energy model and life cycle cost analysis are being conducted to determine the optimum efficient systems.

The building is designed to attain *LEED Silver, at minimum.*

The \$7.5 million project was completed in 2015.





Signet Enterprises

Bloomington, Illinois

NEW MCO HEALTH AND WELLNESS CENTER

H.F. Lenz Company provided the mechanical, electrical, plumbing, and fire protection engineering services for a new \$25 million, 105,000 sq.ft. Health and Wellness Center.

The new center is a partnership between Advocate BroMenn Medical Center, McLean County Orthopedics (MCO), Sequoia Wellness (Integrated Wellness Partners) and Method Sports Performance. The approximately 105,000 BGSF building contains clinical services, physical therapy, medical offices, medical fitness, conference, sports performance, track and aquatic facilities.

The building was designed to provide separate utility metering for the multiple tenants in the facility. The MEP systems are designed with flexibility to adjust for changes in future space distribution changes. The swimming pool area has separate utility services for the pool and domestic hot water heating due to the high load requirements for pools and locker room facilities.

The primary HVAC systems are gas-fired DX rooftop units with VAV distribution systems with supplemental hot water heating coils using high efficiency hot water boilers. The rooftop units are zoned to serve respective tenant spaces and specified for consistent configuration for sustainability and maintainability. An on-site generator provides emergency power for life safety systems, heating system, and other critical systems.

Date of Services: 2016



RELEVANT EXPERIENCE

Medical Office Buildings and Outpatient Facilities

CAMDEN CLARK MEMORIAL HOSPITAL, PARKERSBURG MEDICAL OFFICE BUILDING *Parkersburg West Virginia*

- › New 26,500 sq. ft. facility

MON GENERAL OUTPATIENT CENTER *Morgantown West Virginia*

- › Medical Offices and Surgery Center, phased project. Included three buildings with a total of 120,000 sq.ft. of floor area.

WEST VIRGINIA UNIVERSITY HEART INSTITUTE *Building 600 Surgical Tower Center Morgantown West Virginia*

- › Design/build 30,000 sq.ft. medical office building
- › Tenant fit-up of 15,000 sq.ft. for the WVU Heart Institute, housing:
 - › Radiology area
 - › Blood draw stations
 - › Stress test area
 - › Echocardiogram suites
 - › Exam rooms
 - › Cardiac rehabilitation center with fitness center and various classrooms
- › Remaining 15,000 sq.ft. of the building consists of office space for medical and interventional cardiologists, surgeons, radiologists, vascular specialists, as well as a dermatologist, and other medical practitioners

MARTINSBURG MEDICAL OFFICE BUILDING, TRI-STATE PROFESSIONAL COMPLEX *Martinsburg West Virginia*

- › New 42,000 sq.ft. medical office building that houses The Center For Orthopedic Excellence, Tri-State Surgery Center and Premier Physical Therapy and includes additional space for future tenants
- › 11,660 sq.ft. Martinsburg Outpatient Surgery Center, which is connected to the medical office building

ALLEGHENY HEALTH NETWORK *Pittsburgh Pennsylvania*

- › McCandless Outpatient Center, Renovation of 1,560 sq. ft. of outpatient radiology suite
- › CGH Family Practice, 3,000 sq. ft. renovation of existing strip center retail space into doctor's office

WASHINGTON HOSPITAL

- › Two story MOB and Outpatient surgery center with 50,000 sq. ft. of floor area in Washington County, PA
- › Cecil Family Practice - Renovation of 3,000 sq. ft. of existing medical office and expansion of 11,000 sq. of medical office space in Cecil, Pennsylvania





ELITE SURGICAL CENTER, UNIONTOWN AMBULATORY SURGERY ASSOCIATES *Uniontown, Pennsylvania*

- › Fit out of medical office shell space into outpatient surgery center totaling approximately 6,200 sq. ft.

PETERS AMBULATORY CENTER, CANNONBURG GENERAL HOSPITAL *Peters Township, Pennsylvania*

- › Renovation of 42,750 sq. ft. of existing strip shopping center grocery store and drug store space into outpatient medical offices and services center.

ALTOONA REGIONAL HEALTH SYSTEM *Altoona, Pennsylvania*

Station Medical Center:

- › New outpatient center constructed as 10,000 sq.ft. addition and 45,000 sq.ft. renovation at a former mall, houses:
 - Imaging Department includes two MRI's, Multiple X-Ray units, CT scanners, Fluoroscopy, and Ultrasound.
 - Physical Medicine and Rehabilitation
 - Cardiac Rehabilitation
 - Neuro Sleep Lab
 - Health Force (Examination rooms)
 - Outpatient Lab
 - Registration
 - IT Server rooms
 - Fire Alarm Upgrades
- › Sprinkler Zoning Upgrades

New Outpatient Center and Atrium:

- › New seven-story, 153,000 sq.ft. hospital addition to house outpatient services

BLOOMINGTON HEALTH AND WELLNESS CENTER *Bloomington, Indiana*

- › 100,000 sq.ft. medical office building
- › Sports and fitness facility

CONEMAUGH HEALTH SYSTEM *Johnstown, Pennsylvania*

1111 Franklin Street:

- › Ultrasound
- › Women's Health Center
- › Mammography
- › Nuclear medicine Cameras
- › CT Scan

Nursing Care Center:

- › Roof Drain replacement
- › MEP evaluation

Lee Campus Walnut Building Medical Office:

- › Electrical Service evaluation
- › CCA 5th Floor lighting review

Lee Campus Locust Street Medical Office Building:

- › Dr Rollins
- › PM&R relocation





Building E Medical Office Building:

- › 4th Floor Nursing Unit
- › Family Practice Expansion
- › Acute pain Management Offices
- › New Exit Corridor-6th Floor
- › Select Specialty Renovations

Somerset Medical Office Building

- › Convert Rite Aid Building into Medical Office Building. Project is currently in design

RICHLAND CARE CENTER *Johnstown, Pennsylvania*

- › Doctor Suite Renovation
- › X-Ray Replacement

EAST HILLS PROFESSIONAL BUILDING *Johnstown, Pennsylvania*

- › Neuro Science Office
- › Site Lighting
- › Dr Mathur Suite
- › X-Ray evaluation and Replacement
- › CT Scan
- › MRI
- › New Physician Office Suite
- › Master Planning

GOOD SAM MEDICAL ARTS BUILDING *Johnstown, Pennsylvania*

- › Oncology Center including Radiation and Medical Oncology
- › Heating System Study
- › AHU replacement
- › Telemetry relocation

WESSEL BUILDING *Johnstown, Pennsylvania*

- › Gamma Camera
- › Domestic Water heater replacement
- › Heating Boiler Conversion
- › Generator Replacement
- › Roof Top Replacement
- › Grounds Garage and Equipment Storage Building addition
- › Building HVAC upgrades

EBENSBURG CARE CENTER *Ebensburg, Pennsylvania*

- › Ultra Sound Room
- › X-Ray Room

EARS NOSE AND THROAT (ENT) ASSOCIATES *Johnstown, Pennsylvania*

- › 10,000 sq.ft. renovations of office building which houses Audio Booth, exam rooms, and offices

NASON HOSPITAL *Reading, Spring, Pennsylvania*

- › Medical Office Building Renovation
- › New Wound Clinic

WOMEN'S CHRISTIAN ASSOCIATION HOSPITAL *Ministertown, New York*

- › New medical office building

UPMC MURTHA CANCER CENTER *Pittsburgh, Pennsylvania*

- › Hematology
- › Medical Oncology
- › Pathology
- › Radiation Oncology
- › Radiation

WESTMORLAND REGIONAL HEALTH SYSTEM *Greensburg, Pennsylvania*

- › Medical office building renovations

WESTMORELAND MEDICAL OFFICE BUILDING *Greensburg, Pennsylvania*

- › New four-story, 40,000 sq.ft. medical office building, includes spaces for outpatient surgery and physical therapy

MOUNT NITTANY MEDICAL CENTER *State College, Pennsylvania*
Center Medical Science Building:

- › Digital Mammography replacement
- › Computer Room Air Conditioning
- › Additional Operating Room
- › Medical Air Compressor Study
- › Operating room study
- › Air Handling Equipment replacement
- › Steam Generator Replacement

THE MEDICAL CENTER *Beaver, Pennsylvania*

- › New 18,524 sq.ft. Outpatient Surgery and Cardiac Catheterization Laboratory Addition

WHEELER FAMILY MEDICAL CENTER, SOMERSET HOSPITAL*Somerset, Pennsylvania*

- › New 46,000 sq.ft. facility that houses medical clinics, optometry clinic, audiology clinic, radiological/imaging areas, physical therapy areas including a rehabilitation pool, occupational therapy, fitness/sports training, cardiac rehab, and work hardening therapy area, laboratory space, administration areas, server room

Department of Defense Facilities

U.S. ARMY CORPS OF ENGINEERS, BALTIMORE

ARMY RESERVE AVIATION FACILITY *Johnstown, Pennsylvania*

- › New 120,000 sq.ft. multi-building complex including an armed forces reserve center and an aviation maintenance shop

ARMY RESERVE CENTER *Beckley, West Virginia*

- › New 300-member reserve center with training building and maintenance shop

ARMY RESERVE CENTER *Morgantown, West Virginia*

- › New 300-member reserve center with training building and maintenance shop

ARMY RESERVE CENTER *Wheeling, West Virginia*

- › New 284-member reserve center with training building and maintenance shop

ARMY RESERVE CENTER *Rainelle, West Virginia*

- › New 200-member reserve center with training building and maintenance shop

ARMY RESERVE CENTER *Waynes, West Virginia*

- › New 200-member reserve center with training building and maintenance shop

ARMY RESERVE CENTER *Brownsville, Pennsylvania*

- › New 200-member reserve center with training building and maintenance shop

ARMY RESERVE CENTER *Johnstown, Pennsylvania*

- › New 200-member reserve center with training building and maintenance shop

ARMY RESERVE CENTER *Singwood, West Virginia*

- › Maintenance shop

ARMY RESERVE CENTER *Grantville, West Virginia*

- › New 100-member reserve center with training building and maintenance shop

ARMY RESERVE CENTER *Elkins, West Virginia*

- › New 60-member reserve centers with training building and maintenance shop





MORLOCK ARMY RESERVE CENTER *Pittsburgh, Pennsylvania*

- › HVAC modifications

COPELY ARMY RESERVE CENTER *Oil City, Pennsylvania*

- › Boiler addition

STEELE ARMY RESERVE CENTER *Pittsburgh, Pennsylvania*

- › Complete HVAC system replacement

CAMP DAWSON *Kingwood, West Virginia*

- › Three new billeting facilities

LETTERKENNY ARMY DEPOT *Camp Springs, Pennsylvania*

- › Six indefinite-delivery contracts for mechanical, electrical, civil, and structural engineering and surveying services

FORT RICHIE *Fort Ritchie, Maryland*

- › Two indefinite-delivery contracts for mechanical, electrical, civil, and structural engineering and surveying services

AMMUNITION PLANT *Springer, Pennsylvania*

- › Upgrade lighting system in production shop

911 AIRLIFT GROUP, GREATER PITTSBURGH INTERNATIONAL AIRPORT *Pittsburgh, Pennsylvania*

- › Study and design of new Base Civil Engineer Facility
- › Indefinite delivery contract for architectural and engineering services

U.S. ARMY CORPS OF ENGINEERS, NORFOLK

WALTER REED ARMY MEDICAL CENTER *Washington, D.C.*

- › Energy engineering analysis program, main hospital building

U.S. ARMY CORPS OF ENGINEERS, PHILADELPHIA

PHILADELPHIA, PENNSYLVANIA

- › Tenant fit-up

PA DEPARTMENT OF MILITARY AFFAIRS

FORD CITY ARMORY *Ford City, Pennsylvania*

- › New 24,400 sq.ft. training center with classrooms and kitchen/dining facilities





NAVAL FACILITIES ENGINEERING COMMAND (NAVFAC), NORTHERN DIVISION

NAVAL AIR STATION *Jackson, New Jersey*

- › Air conditioning tune-up study

NAVAL SHIP PARTS CONTROL CENTER *Mechanicville, Pennsylvania*

- › Administrative facility improvements

NAVAL FACILITIES ENGINEERING COMMAND (NAVFAC), CHESAPEAKE & ATLANTIC DIVISION

NAVAL RESEARCH LABORATORY *Washington, D.C.*

- › Three indefinite delivery contracts for mechanical, electrical, and structural engineering services (Chesapeake Division)

OCEANA NAVAL STATION *Virginia Beach, Virginia*

- › Energy monitoring and control system
- › Boiler plant modifications (Atlantic Division)

NAVAL FACILITIES ENGINEERING COMMAND (NAVFAC), SOUTHEAST DIVISION

P-8A INTEGRATED SIMULATION/TRAINING CENTER *Jacksonville, Florida*

- › New \$42.5 million, 165,000 sq.ft. operational training facility for a new Multi-Mission Maritime Aircraft (MMA)/P8-A located at the Naval Air Station; Project goal is LEED Gold

DEPARTMENT OF GENERAL SERVICES

PENNSYLVANIA NATIONAL GUARD *Johnstown, Pennsylvania*

- › New 23,560 sq.ft. Regional Maintenance Facility

PENNSYLVANIA ARMY NATIONAL GUARD, 128TH BRIGADE SUPPORT BATTALION

- › Renovation of the 26,700 sq.ft. Crane Readiness Center which houses 250 soldiers

PENNSYLVANIA ARMY NATIONAL GUARD, 107TH FIELD ARTILLERY BATTALION

- › Rehabilitation of 23,000 sq.ft. New Castle Readiness Center which houses approximately 120 soldiers





STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

To all to whom these presents shall come, Greeting

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

Charles B. Branch

DOES, IN PURSUANCE OF AUTHORITY VESTED IN IT

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

REGISTERED PROFESSIONAL ENGINEER

Registration Number [REDACTED]

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



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

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

[Signature]

By Frank D. Godby

[Signature]

[Signature]

[Signature]



STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

To all to whom these presents shall come Greeting

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

Bradley H. Casdorph

DOES IN PURSUANCE OF AUTHORITY VESTED IN IT

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

REGISTERED PROFESSIONAL ENGINEER

Registration Number [REDACTED]

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



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

Members of the Board

Signatures of board members: Leonard J. Thomas, Jr., Richard E. Deynas, Bhajan S. Sahja, William E. Piersen



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]

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 Dady

By
Secretary
Kenneth H. Means

President
Robert L. Smith



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

James D. Thomas, Jr.

Richard E. Dlyna

Bhajan S. Saha

William E. Penson

[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

[Signature] President.
[Signature] Secretary.



STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

To all to whom these presents shall come, Greeting

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

Charles B. Luttrell

DOES, IN PURSUANCE OF AUTHORITY VESTED IN IT

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

REGISTERED PROFESSIONAL ENGINEER

Registration Number [REDACTED]

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



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

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

Handwritten signature: [Signature]

Handwritten signature: Frank Kelly

Handwritten signature: [Signature]

Handwritten signature: [Signature]

CERTIFICATE OF *Authorization*

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

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

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.

Bryan S. Caldwell

BOARD PRESIDENT

Your **ACTIVE PE** renewal fee has been received...

Your ACTIVE PE renewal fee has been received. Your pocket card indicating you are entitled to practice engineering in West Virginia until the noted expiration date may be detached and used unless invalidated as a result of Board audit of your renewal form or formal disciplinary action.

IMPORTANT REMINDERS:


1. Please include your WV ACTIVE PE license number on any correspondence to this office.
2. To use this license as a pocket card, please cut along the dotted line and laminate if desired.
3. You are required to immediately notify the Board, in writing, of the following: loss or theft of license or seal, any name change, any address change, or any employment change.

West Virginia State Board of Registration for Professional Engineers

300 Capitol Street, Suite 910
Charleston, West Virginia 25301
304-558-3554 Phone
800-324-6170 Toll Free
www.wvpebd.org

**THIS IS ONE FORM OF YOUR RENEWAL RECEIPT
PLEASE SAVE THIS FOR YOUR RECORDS**

Date of Renewal: December 19, 2018
Amount Paid: \$70.00

	West Virginia State Board of Registration for Professional Engineers
	THOMAS F. DETER WV [REDACTED]
This is to certify that the above named PROFESSIONAL ENGINEER has met the requirements of the law, is duly registered and is entitled to practice engineering in the State of West Virginia.	
	EXPIRES December 31, 2020

THOMAS F. DETER
H. F. LENZ COMPANY
1407 SCALP AVENUE
JOHNSTOWN, PA 15904

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



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

State of West Virginia
 Centralized Expression of Interest
 02 - Architect/Engr

Proc Folder: 700460

Doc Description: Building 215 Medical Wing Renovation Camp Dawson

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2020-03-16	2020-04-02 13:30:00	CEOI 0603 ADJ2000000006	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Name, Address and Telephone Number:

Alpha Associates, Inc.
 209 Prairie Ave.
 Morgantown, WV 26501
 304-296-8216

FOR INFORMATION CONTACT THE BUYER

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

Signature X

FEIN # 550516286

DATE 4-10-20

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

West Virginia Ethics Commission
Disclosure of Interested Parties to Contracts

(Required by W. Va. Code § 6D-1-2)

Contracting Business Entity: Alpha Associates, Inc Address: 209 Prairie Ave, Morgantown, WV 26501

Authorized Agent: Richard A. Colebank Address: _____

Contract Number: CEOI 0603 ADJ200000006 Contract Description: Camp Dawson

Governmental agency awarding contract: West Virginia Purchasing Division Building 215 Renovation

Check here if this is a Supplemental Disclosure

List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below (attach additional pages if necessary):

1. Subcontractors or other entities performing work or service under the Contract

Check here if none, otherwise list entity/individual names below.

HF Lenz
Thomas Deter

2. Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)

Check here if none, otherwise list entity/individual names below.

Richard Colebank, President, COO
Richard Klein, Chairman, CEO

3. Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)

Check here if none, otherwise list entity/individual names below.

Signature: [Handwritten Signature] Date Signed: 4-10-20

Notary Verification

State of West Virginia, County of Upshur:

I, Kayla Facemire, the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken, sworn to and subscribed before me this 10th day of April, 2020.

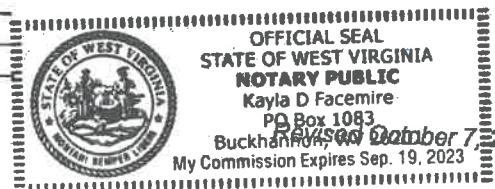
[Handwritten Signature]
Notary Public's Signature

To be completed by State Agency:

Date Received by State Agency: _____

Date submitted to Ethics Commission: _____

Governmental agency submitting Disclosure: _____



STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Alpha Associates, Inc

Authorized Signature: [Signature] Date: 4-10-20

State of West Virginia

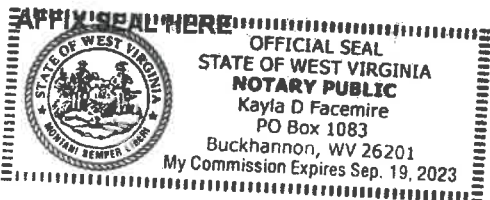
County of Upshur, to-wit:

Taken, subscribed, and sworn to before me this 10 day of April, 2020.

My Commission expires September 19, 2023.

NOTARY PUBLIC

[Signature]
Purchasing Affidavit (Revised 01/19/2018)



DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

Richard A. Colebank, President & COO

(Name, Title)



(Printed Name and Title)

209 Prairie Ave, Morgantown, WV 26501

(Address)

304-296-8216/ 304-296-8245

(Phone Number) / (Fax Number)

rick.colebank@thinkalphafirst.com

(email address)

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

Alpha Associates, Inc

(Company)



(Authorized Signature) (Representative Name, Title)

Richard A. Colebank

(Printed Name and Title of Authorized Representative)

4-10-20

(Date)

304-296-8216/ 304-296-8245

(Phone Number) (Fax Number)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.:

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

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

Addendum Numbers Received:
(Check the box next to each addendum received)

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

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

Alpha Associates, Inc
Company

Paul B. ...
Authorized Signature

4-10-20
Date

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