

**WV State Police
Department of Administration,
Purchasing Division**

Architectural/Engineering Services

May 5, 2016
EXPRESSION OF INTEREST



05/05/16 09:35:39
WV Purchasing Division

think **Alpha** first.com

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI DPS1600000001

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 checked="" 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 that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Alpha Associates, Incorporated

Company

Michael P. ... #100

Authorized Signature

5-4-16

Date

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



May 5, 2016

Department of Administration, Purchasing Division
2019 Washington Street, East
Charleston, WV 25305

RE: Architectural for Various Projects

Selection Committee:

Alpha Associates, Incorporated is pleased to submit our qualifications to provide professional architectural and engineering services necessary for projects at various West Virginia State Police barracks throughout the state. Alpha's recent experience, as well as the location of our three firms in Morgantown, Martinsburg, and Charleston makes us the ideal partner for the State Police on any upcoming projects. Over the past 47 years, Alpha has performed work on similar facilities throughout the State of West Virginia.

In recent experience, Alpha has completed work for the Monongalia County Sheriff's Department which included both architectural and engineering design services of the new facility located in Downtown Morgantown.

Project Understanding

The West Virginia State Police are looking to provide architectural and engineering design services for the following projects:

- Roof Repair/Design at Troop 3 Headquarters; Kearneysville, WV
- Design Services for the Installation of New Roll Up Doors at the WV State Police Academy Hangar Facility; Dunbar, WV
- Plans for Garage Facility at Troop 3 Headquarters; Beverly, WV
- Plans for Storage Facility at the Procurement Division; South Charleston
- Renovations to the Old Logan State Police Office; Logan, WV
- Electrical Engineering Services to Install Military Surplus Generators to Provide Backup Power to Various Detachments and Facilities

DESIGN TEAM

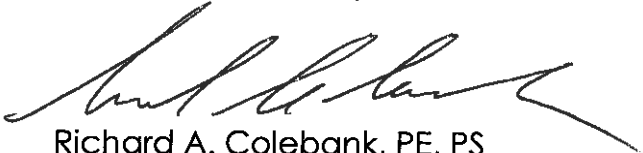
We have developed a team that can complete all aspects of your upcoming project. **Alpha Associates** will be the lead firm and your point of contact throughout the various projects. Alpha will provide all services related to the architectural, civil and structural engineering components at each of the barracks. **Miller Engineering** will provide all services related to mechanical, electrical, fire safety and plumbing engineering. Alpha and Miller have teamed together a countless number of projects of every size in the last ten years. Enclosed you will find resumes for Alpha and Miller Staff located in the portion labeled "Key Personnel."

These projects will be managed and produced in Alpha's Morgantown Office. Our staff will be available to be onsite within a day's notice as needed. This is particularly important during the construction of a renovation project where changes must be reacted to quickly.

The Alpha Team is looking forward to building a successful relationship with the West Virginia State Police. If you have any questions or require additional information please contact me at 304-296-8216 ext. 102. Thank you for your time and consideration.

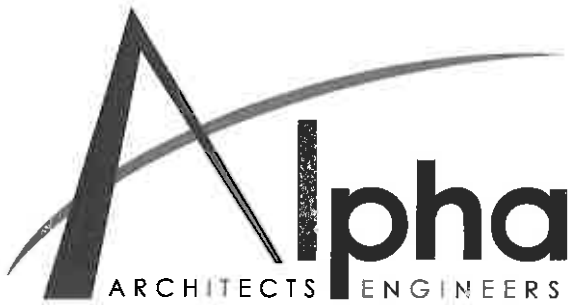
Sincerely,

ALPHA ASSOCIATES, INCORPORATED



Richard A. Colebank, PE, PS
President and COO

rick.colebank@thinkALPHAfirst.com



FIRM PROFILE

Firm Profile

FIRM NAME

Alpha Associates, Incorporated

OFFICE LOCATIONS

209 Prairie Avenue
Morgantown, West Virginia 26501

535 West King Street
Martinsburg, West Virginia 25401

2506 Kanawha Boulevard East
Charleston, WV 25311

INCORPORATED

1969; Morgantown, WV

FIRM PRINCIPALS

Richard A. Colebank, PE, PS; President and COO

Richard W. Klein, PE, PS; Chairman and CEO

Charles B. Luttrell, PE; Principal

Charles B. Branch, PE; Principal

NUMBER OF EMPLOYEES

22 Employees

SERVICES

Architectural Design

Civil Engineering

Structural Engineering

Surveying

Interior Design

Landscape Architecture

Construction Administration



Alpha Associates, Incorporated was established in 1969 and since that time has completed hundreds of projects throughout Morgantown and the state of West Virginia. Alpha's Corporate Office is located in Morgantown with our Eastern Regional Office located in Martinsburg.

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FIRM PROFILE

Our engineered solutions involve a **complete assessment process**: investigation, observation, communication with stakeholders, system analysis, building modeling, and engagement from our entire team. We approach each and every project with this process and the guiding principle that buildings are designed to be livable and function in their intended purpose.

Over the past (11) years Miller Engineering has engineered solutions for over \$17.2M in mechanical system upgrades, repairs, and renovations for projects of all scopes for private owners, local, and state government.

Our team has engineered repairs and stabilized systems to assist an owner to plan for required upgrades, system repair or develop a maintenance plan to extend the life of a system.

Our team has unique skill-sets regarding engineered renovation solutions. Each member of the team has hands-on mechanical system installation, construction, design, and maintenance experience.

Our designs will be practical, operable, and above all maintainable while meeting state fire and ADA compliances.

Dedicated and customary site visits will ensure that the intended, designed solution is installed and integrated into the building's system and project scope requirements.

We provide Solutions. You can expect Excellence.

Engineering Design and Consultation

- Mechanical
- Electrical
- Plumbing
- HVAC Design
- Fire Protection
- Fire Suppression
- Data
- Telephone

Construction Administration

Project Management
Maintenance/Facility Plans
Code Observation

Communication Systems

Intercomm & Public Address
Voice/Data/CATV
Urgent Response

Energy

Power Supply (main & backup)
Green & Renewable Consulting
Systems Utilization & Upgrades
Sustainable Solutions

Facility Maintenance

Systems Assessment & Solutions
Evaluation for Upgrading
Planning/Life-Cycle Control
Engineered Replacement

Life Safety Inspection/Design

Fire Protection & Alarm Systems
Access Control
Fire & Electrical Investigation

Markets Served

Government
Healthcare
Education
Commercial Development
Parks & Recreation

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, 2016 - December 31, 2017

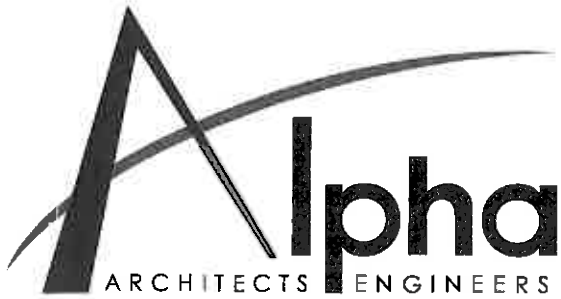
providing for the practice of engineering services in the State of West Virginia.

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



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

BOARD PRESIDENT



CAPACITY AND WORKLOAD

Capacity

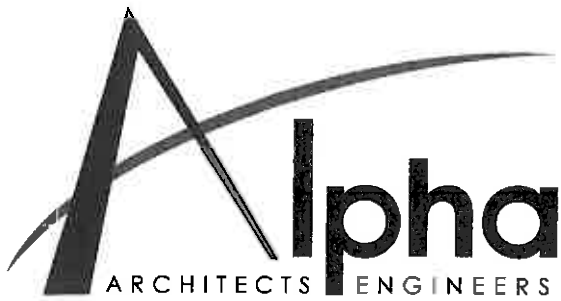
Alpha has the resources available to complete any and all projects for the West Virginia State Police for CEOI DPS1600000001. Our team has the qualified and experienced personnel, administrative support, and the production equipment and resources to ensure the successful completion of your projects. We are confident in our ability to provide the State Police with the best team available.

Our multidisciplinary design team is prepared to meet and exceed the expectations for each project by committing all resources necessary to meet the project schedules.

Present Workload

Alpha Associates, Incorporated's current workload includes Architectural and engineering design services for:

- WVU Reedsville Farm
- Tygart Valley State Park Parking Lot & Boating Improvements
- WV DOH Arnettsville Bridge
- Decker's Creek Pedestrian Bridge
- DNR Fish Hatchery Roof Replacement
- Jane Lew Truck Stop
- Watters Smith State Park Barn Stabilization
- Coopers Rock State Water System Upgrade



COST AND BUDGET

Alpha Associates, Incorporated has an excellent track record of producing projects on time and within the Owner's budget. Many architectural and engineering 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.

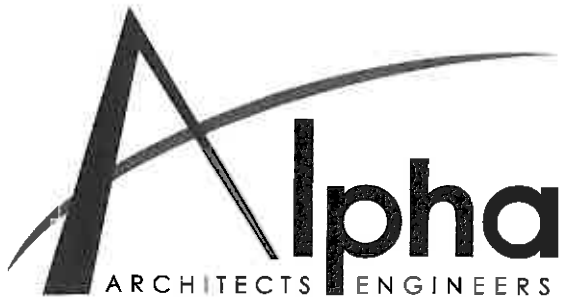
A project schedule is a dynamic, ever changing entity. Your project schedule depends on many factors including:

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

The Alpha Team has an excellent track record of meeting project design deadlines. Most recently, Alpha 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 West Virginia State Police with the most accurate estimates of probable construction cost.



ALPHA EXPERIENCE

Roof Replacement | 2014

Architectoral Case Study

DOH District 2 Shop Building
Huntington, WV

Alpha Associates, Incorporated provided architectural design, civil and structural engineering for a multi-phasic roof replacement of the WV Department of Highways Headquarters 2 Shop Building located in Huntington, WV.

Site constraints and adjacent overhead structures made the development and construction of the project very challenging.

The new roof included EPDM over insulated flute fillers and cover board. New stainless steel gutter liners with additional rain leaders were used to improve roof drainage and stop liquid rain infiltration.

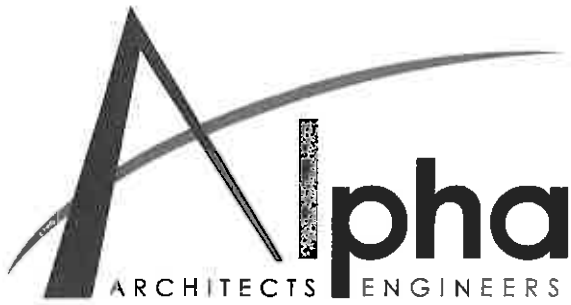


Project Contacts:
Chris Francis
WVDOH Project Manager
304-558-9693
chris.j.francis@wv.gov

At a Glance

CLIENT: WV Division of Highways
LOCATION: Huntington, WV
COMPLETION DATE: 2014
SIZE: 44,000 sq. ft.
CONSTRUCTION COST \$133,000





ALPHA EXPERIENCE

Sheriff's Building | 2011

Architectural Case Study

**Monongalia County Sheriff's Building
Morgantown, WV**

Alpha Associates, Incorporated provided architectural design, civil and structural engineering and surveying services for this new building that houses offices for the Monongalia County Sheriff's Department and other County agencies.

Site constraints and adjacent overhead structures made the development and construction of the project very challenging.

The ground floor includes the sheriff's department, evidence room and several bailiff rooms. The remaining floors are designed to house flexible office space.

Restricted access, combined with a high level of security, both passive and active systems were part of the design program.



Project Contacts:

Sheriff Al Kisner or **Robert Doyle**
116 Walnut St. **243 High St.**
Morgantown, WV **Morgantown, WV**
304-291-7290 **304-291-7268**

At a Glance

CLIENT: Mon County Commission
LOCATION: Morgantown, WV
COMPLETION DATE: 2011
SIZE: 31,655 sq. ft.
CONSTRUCTION COST: \$7.9 Million





ALPHA EXPERIENCE

State Office Building | 2016

Architectural Case Study

West Virginia State Office Building
Clarksburg, WV

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 a 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.

This project is currently going to construction and is estimated to be completed in 2016.

Project Contact:

Robert Krause

1900 Kanawha Blvd, East

Charleston, WV 25305

304-558-2317

At a Glance

CLIENT: State of West Virginia

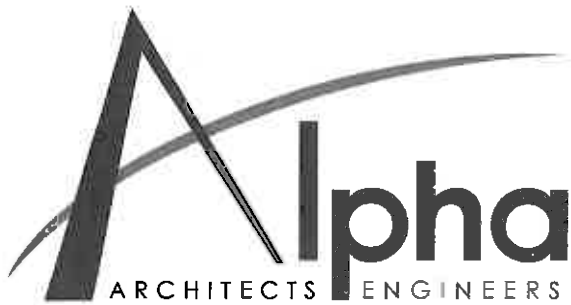
LOCATION: Clarksburg, WV

COMPLETION DATE: 2016

SIZE: 88,491 sq. ft.

CONSTRUCTION COST: \$24.9 Million





ALPHA EXPERIENCE

Municipal Building | 2006

Architectural Case Study

Town of White Hall Municipal Building
White Hall, WV

Alpha Associates, Incorporated designed a new Municipal Building for the Town of White Hall in Marion County. The new Municipal Building was designed for future expansion once funds become available.

Included in the design are City Council Chambers, City Clerk's Office, Private Offices and Conference Room. Alpha designed all architectural features, as well as the civil and structural engineering specifications.

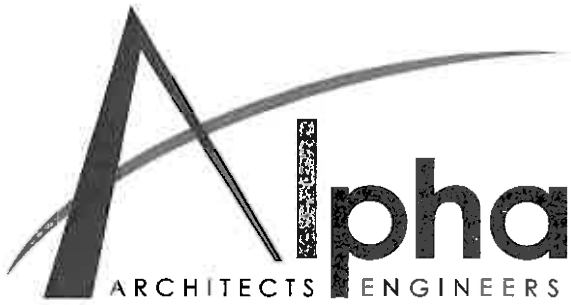
Miller engineering performed all necessary HVAC, Mechanical and Electrical Engineering Design.

Project Contact:
Mayor Jesse Corley
2119 Fairmont Avenue
White Hall, WV 26554
304-367-1687

At a Glance

CLIENT: Town of White Hall
LOCATION: White Hall, WV
COMPLETION DATE: 2006
SIZE: 2,600 sq. ft.
CONSTRUCTION COST: \$330,000

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ALPHA EXPERIENCE

Monongalia Family Court | 2009

Architectural Case Study

**Monongalia Family Court Renovation
Morgantown, WV**

The new facility for the Monongalia Family Court was created from a space that had previously been home to the County's Senior Center and provided storage for the County's voting machines. The challenges of creating a Family Court in a windowless mezzanine, while providing a design that would respect the dignity of the Court was successfully executed by Alpha Associates.

The layout of the space provided separate areas for the judiciary staff and the litigants before the court. The finish materials had to be durable and attractive, while at the same time easy to maintain. Low ceilings and an inadequate and outdated heating and air conditioning system was another challenge; one that was overcome by incorporating the ductwork layout into the design of the lighted bulkheads in the courtroom, thereby creating the illusion of higher ceilings, and allowing the judge to preside over the hearings from a position of height and dignity.

At a Glance

CLIENT: Monongalia County Commission

LOCATION: Morgantown, WV

COMPLETION DATE: 2009

SIZE: 5,000 sq. ft.

CONSTRUCTION COST: \$550,000



Project Contact:
Robert Doyle
243 High Street
Morgantown, WV 26505
304-291-7268



Bartlett House

Engineering Design

- Consultation for Phased Plan
- Mechanical, Electrical, Plumbing
- Fire Alarms and Sprinkler Systems
- Construction Administration

Project Budget: \$ 3.1M

Location: Morgantown, WV

Facility Area: 27,500 ft²



Project Goals:

The owner procured this property in a partial build out condition. The goal of the project was to repurpose the facility from an apartment building into an emergency housing shelter. The facility required outfitting the space for family apartments, temporary dorms, commercial kitchen, multi-purpose room, laundry facilities, and office spaces for staff social work activities.

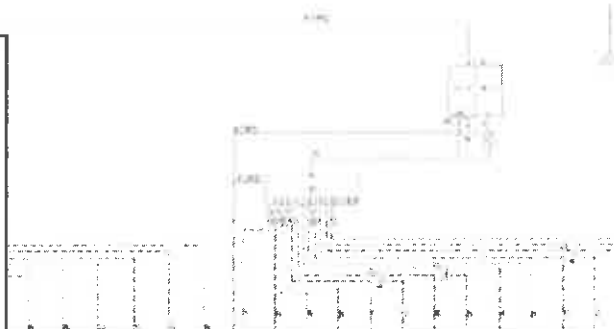
Project Outcome Highlights:

- Detailed field discovery and documentation to identify existing conditions.
- Engineered solutions to meet client goals, budget, and Fair Housing Act requirements.
- Fire alarms, sprinklers, and exit signage upgraded to meet state code requirements for public housing.
- Engineering design specifications to meet all ADA requirements.
- Electrical design to provide emergency power and back-up generator electric supply for emergency conditions.

The project is progressing well and is currently in phase 2 of the renovation process with Miller Engineering providing construction administration to support MEP design.

Project Manager: Keri DeMasi
Executive Director, Bartlett House
West Run Road, Morgantown, WV 26505
Phone: (304) 292-0101

**West Virginia University
Chestnut Ridge Research Building
HVAC Renovation**



(Miller Engineering Services)
**Mechanical, Electrical, Plumbing,
 Fire Protection, Fire Alarm, and
 Telephone/Data
 Renovation of HVAC and Tie-in
 to Systems**

Project Scope

**Total Project Budget: \$610k
 MEP Budget: \$185k
 Project Completion Date: 2009**

**Location: Morgantown, West Virginia
 Facility Area: 5,700 ft²**

The renovation of previous storage space into usable office and conference space was the goal of this project. The owner sought an aesthetic and architecturally appropriate, concealed mechanical system integrated into the structure. The existing systems were to be recycled and incorporated into the renovation to minimize expense.

Miller Engineering's Role

The project required the installation of a new HVAC system to serve the (5th) and (7th) floors of this building. A new air system was installed in the space while incorporating a rooftop condenser. During a field study, the need for a hot water system was discovered and resulted in re-piping the existing building's hot water system to increase heating capacity. Electrical and plumbing systems were developed to support the retrofit of this building. The air system incorporated enthalpy-based outside air economizer and (CO2) control of ventilation for increased energy efficiency. The mechanical, electrical, and plumbing systems had to be concealed where appropriate and work around existing building systems, such as roof drain leaders and space constraints. Extensive detailing of system components and aggressive construction management combined to bring this highly successful project to completion.

Project Owner	Project Manager	Prime Contractor
West Virginia University 979 Rawley Lane Morgantown, WV 26506	John Summers WVU Facilities 979 Rawley Lane Morgantown, WV 26506 Phone: (304) 293-7773	Landau Building Company Alex Dixon 9855 Rinaman Road Wexford, PA 15090 Phone: (724) 935-8800



We provide Solutions. You can expect Excellence.

Dominion Post Building HVAC Renovation



(Miller Engineering Services)

Mechanical and Electrical Engineering Design, Construction
Administration of Renovation
HVAC Upgrade with multi-level and zone tie-in

Project Scope

Total Project Budget: \$1.8M

MEP Budget: \$1.8M

Project Completion Date: 2010

Location: Morgantown, West Virginia

Facility Area: 18,000 ft²

The Greer building is home to the **Dominion Post** newspaper, several local radio stations, and office space for these media entities. This project entailed renovating, outdated, HVAC systems to better serve the floor plan of the multi-level building and create consistent atmospheric conditions for its residents; keeping in mind the unique electronic production needs of the facilities users. Temperature fluctuations throughout the building were extreme and posed issue to its residents and needed resolved.

Miller Engineering's Role

During a field study, Miller learned of HVAC system disintegration, interconnection of air systems between two levels of the building, and the need for the facility to maintain occupancy during the renovation process. The goal of the project was to be a phased approach that integrated, updated, and stabilized temperatures throughout the current floor plan, building levels, and pending office reconfigurations.

The main air handling systems, piping, and ductwork were replaced and reconfigured as a necessity to serve the building's multiple levels and floor plan. The project was a success as a newly designed system was implemented into the existing floor plan and designed as scalable for future needs of the building's owner.

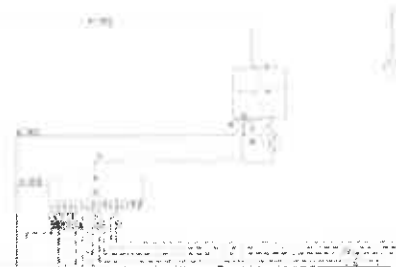
Temperature control issues were resolved and the residents of the building could enjoy a more hospitable, consistent working environment.

Project Owner	Project Manager	Prime Contractor
Greer Industries, Inc. 1201 Hal Greer Boulevard Morgantown, WV 26508 Phone: (304) 376-2642	Chris Halterman Director of Operations 1201 Hal Greer Blvd. Morgantown, WV 26508 Phone: (304) 376-2642	Delattre Corporation Marty Delattre 505 Hudson Avenue Monongahela, PA 15063 Phone: (724) 258-8571



We provide Solutions. You can expect Excellence.

Med Express National Headquarters



(Miller Engineering Services)

Mechanical, Electrical, Plumbing,
Fire Protection, Fire Alarm,
Construction Administration, and
Engineering Design

Project Scope

Location: Morgantown, West Virginia

MEP Budget: \$3.6M

Project Completion Date: 2009

Facility Area: 31,000 ft²

The Med Express National Headquarters office building is a facility adaptive re-use success story. Originally a grocery store, the facility was transformed into a modern, comfortable, user-friendly office building. The owner's needs for the new facility were vastly different than the previous tenant. The facility's completion has become the hallmark of an area wide revitalization project.

Miller Engineering's Role

A full mechanical, electrical, and plumbing upgrade was necessary to the former building in order to meet the needs and demands of the client's use. A full computational model of the building and the new floor plan revealed that use of rooftop units of varying configurations would effectively condition the facility. Variable air volume (VAV) and constant volume systems were utilized to accomplish this goal. In addition, a dedicated air system was required for the critical corporate data center which would also accommodate the current system load and anticipated growth of the owner.

Halon systems, extensive fire and alarm systems were installed to bring the facility to safety and state regulation codes. The critical corporate data center also required the design of a full standby power system with generator, uninterruptible power supply, and transient voltage surge suppression. All project goals were met and the project was a success.



We provide Solutions. You can expect Excellence.

Metropolitan Theater

Engineering Design

- Mechanical and Data
- Electrical
- Plumbing
- Fire Alarms and Sprinkler Systems

Project Budget: \$ 400k

Location: Morgantown, WV

Facility Area: 15, 400 ft²



Project Goals:

The scope of work required engineering design solutions to support renovations of the theater, a historic building.

Renovations required addressing humidity and atmosphere conditions. Updating code and public safety code requirements. Improving theatrical lighting and lighting controls while retrofitting electric capacity.

Project Outcome Highlights:

- Detailed field discovery and documentation, as previous blueprints were unavailable.
- Engineered solutions to respect the historic nature of the building and identify parameters.
- Fire alarms, sprinklers, and exit signage upgraded to meet current code requirements.
- Concealed sprinklers to update fire code yet protect the aesthetics of the architecture.
- Retro-fitted air handler within available space and addressed ductwork to dampen noise as not to interfere with stage performances.

The project has been deemed a success; as the owner and community are pleased with the preservation of the theater.

Project Manager: Terry Hough, PE, PS, CFM
Public Works Director, City Engineer
Third Floor, Room 26, Morgantown, WV 26505
Phone: (304) 284-7412



ALPHA RESUMES

Richard A. Colebank, PE, PS | President and COO

SUMMARY

Mr. Colebank is President and Chief Operating Officer of Alpha. He has been with Alpha Associates, Incorporated 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 many of the Civil Engineering projects developed at 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 Civil Engineering Projects.

PROFILE

Broad-based responsibilities in the following areas:

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

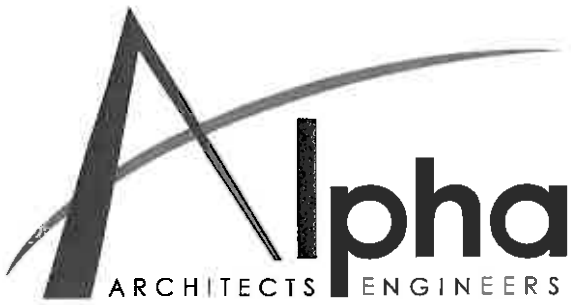
PROFESSIONAL HIGHLIGHTS

Project Manager:

- WVU Research Park; Morgantown, WV
- Federal Bureau of Prisons Hazelton Medium Security Prison
- WV Medal of Honor Recipients Plaza; Hazelton, WV
- North Fork Hughes River Recreation Facilities; Ritchie County, WV
- WVDOH I-77 Welcome Center; Williamstown, WV
- Ices Ferry Bridge; Morgantown, WV
- Monongalia General Hospital Expansion; Morgantown, WV
- Monongalia General Hospital Access Road; Morgantown, WV
- Morgantown Municipal Airport Access Road; Morgantown, WV

Indefinite Delivery/Indefinite Quantity Contracts:

- Morgantown Municipal Airport Open End Contract
- West Virginia Division of Highways Open End Contract
- National Energy Technology Laboratories Open End Contract
- West Virginia University Open End Contract
- United States Postal Service Open End Contract



ALPHA RESUMES

Richard A. Colebank, PE, PS | President and COO

EMPLOYMENT HISTORY

1985 – Current Alpha Associates, Incorporated
1983-1985 Charles Townes and 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
- ACEC/WV; Former President and National Director
- University High School Foundation; Charter Member; President
- Morgantown Area Chamber of Commerce; Past Chairman
- Monongalia County MPO Technical Advisory Committee; Member
- Morgantown Area Economic Partnership; Member
- American Red Cross, River Valley Chapter B.O.D.
- WVU College of Civil and Environmental Engineering Visiting Committee

think  **Alpha** first.com

Contact

Richard A. Colebank

304.296.8216

800.640.8216

rick.colebank@thinkalphafirst.com



STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

To all to whom these presents shall come, Greeting.

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

Richard A. Colebank

DOES, IN PURSUANCE OF AUTHORITY VESTED IN IT

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

REGISTERED PROFESSIONAL ENGINEER

Registration Number [REDACTED]

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



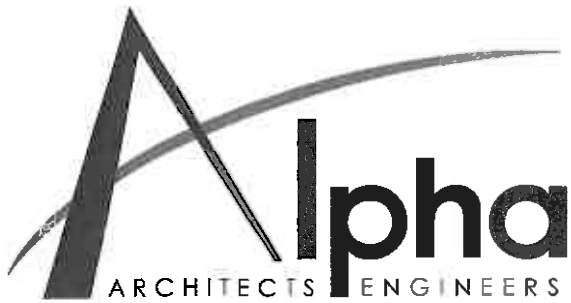
Given under the hand and the Seal of the Board, at the Capitol in the City of Charleston this 23rd day of Feb. in the year of our Lord One Thousand Nine Hundred and Eighty-Eight and of the State the One Hundred Twenty-Fourth.

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

Secretary
Frank Gaddy

By
Kenneth H. Means

President
Robert B. Scott



ALPHA RESUMES

Charles B. Luttrell, PE | Principal, Structural Engineer

SUMMARY

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

PROFILE

Broad-based responsibilities in the following areas:

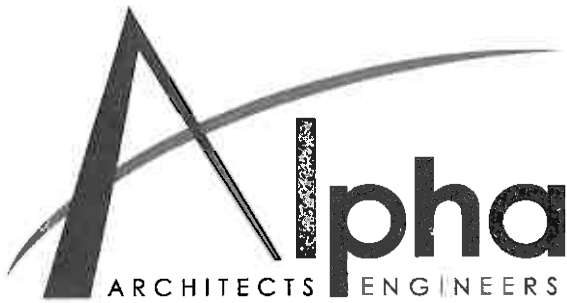
- Bridge Structural Design and Analysis
- Innovative Bridge Materials Applications
- Building Structural Design and Analysis
- Historical Restoration and Evaluations

PROFESSIONAL HIGHLIGHTS

Structural Engineer:

- 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; Philippi, 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





ALPHA RESUMES

Charles B. Luttrell, PE | Principal, Structural Engineer

EMPLOYMENT HISTORY

1996 – Current Alpha Associates, Incorporated
1995-1996 Larry D. Luttrell, PE, Ph D
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
 - ✓ Buttoned overlap shear failures
- Composite Cold Formed Steel and Concrete Deck Research
 - ✓ Line load behavior/failures
 - ✓ Concentrated load behavior/failures
 - ✓ Web crippling
 - ✓ Punch failures

Contact

Charles B. Luttrell

304.296.8216

800.640.8216

charlie.luttrell@thinkalphafirst.com

think  **Alpha** first.com



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]

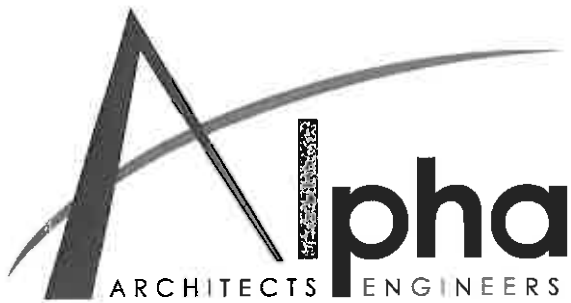
to hold and use such title, in the practice of his profession, subject to the conditions prescribed by law



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 signatures: G. R. Rockledge, Frank Huddy, H. W. Faulkner, and another signature.



ALPHA RESUMES

Charles Branch, PE | Principal, Civil Engineer

SUMMARY

As Chief Engineer for site development and planning projects, Mr. Branch is a vital part of the design process at Alpha. His involvement spans from strictly civil engineering projects, to the design of large scale educational projects and medical facilities. Mr. Branch acts as peer review for young engineers in the firm on issues ranging from storm water management to site design. Mr. Branch is also involved in commercial and residential development design, roadway and bridge design and utilities layout.

PROFILE

Broad-based responsibilities in the following areas:

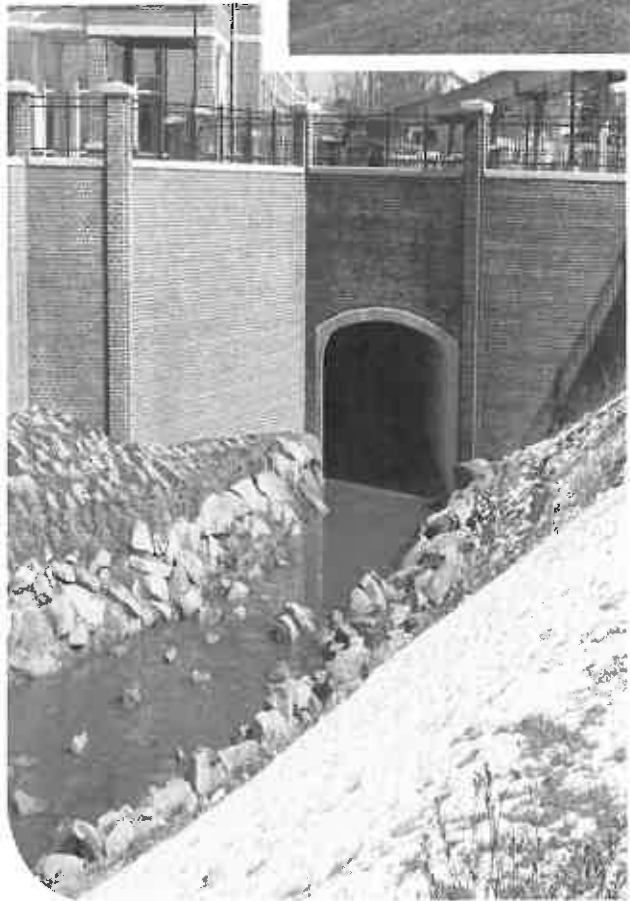
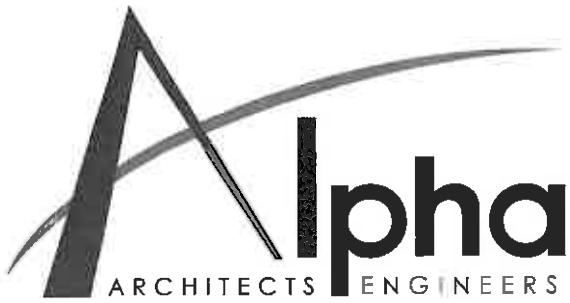
- Highway Design
- Municipal Engineering
- Wastewater Collection
- Storm Sewer System Design
- Storm Water Management
- Site Engineering
- Project Management

PROFESSIONAL HIGHLIGHTS

Civil Engineer/Project Manager:

- 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; Hazelton, WV
- Lewis County High School Bridge; Weston, WV
- Wyoming County Route 10 Relocation; Wyoming County, WV
- Fairmont Federal Credit Union; Bridgeport, WV





ALPHA RESUMES

Charles Branch, PE | Principal, Civil Engineer

EMPLOYMENT HISTORY

1992 – Current Alpha Associates, Incorporated
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

Contact

Charles B. Branch
304.296.8216
800.640.8216

chuck.branch@thinkalphafirst.com

think  **Alpha** first.com



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

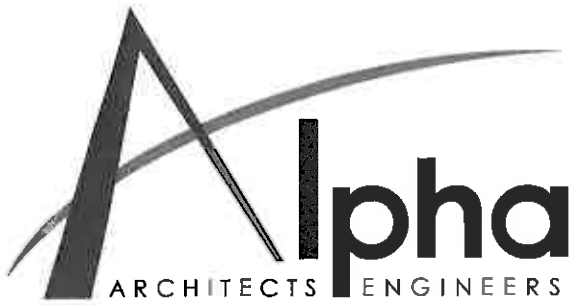
[Signature]

By Frank J. Godby

L. J. [Signature]

[Signature]

[Signature]



ALPHA RESUMES

Rebecca Key, AIA, LEED-AP | Architect, Associate

SUMMARY

Ms. Key has worked in the architectural field for over 35 years. She is Project Architect/Project Manager for numerous architectural designs at Alpha Associates, Incorporated. Ms. Key is involved from the programmatic stages and schematic designs all the way through construction documents to construction administration.

PROFILE

Broad-based responsibilities in the following areas:

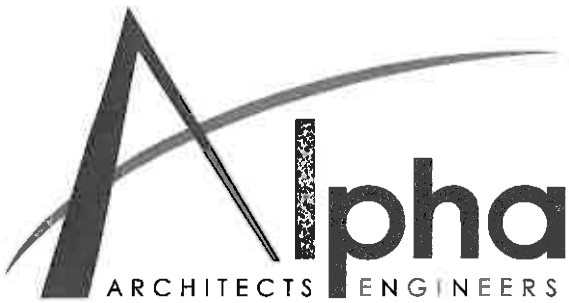
- Architectural Design
- Interior Design
- Medical Design
- Interior Space Planning
- Historic Renovation

PROFESSIONAL HIGHLIGHTS

Architectural Design:

- Mon County Family Court Renovation; Morgantown, WV
- West Virginia Regional Technology Park Renovation to Building 770; South Charleston, WV
- Mon County Sheriff's Building; Morgantown, WV
- WVU South Agricultural Sciences Building; Morgantown, WV
- Washington High School; Charles Town, WV
- Prichard Hall Renovation; Fairmont State University; Fairmont, WV
- WVU CRRB Renovation, 5th and 7th Floors; Morgantown, WV
- WVU Boreman Hall, Boreman Bistro; Morgantown, WV
- WVU Hatfields Restaurant; Morgantown, WV
- Hart Field Maintenance Facility; Morgantown, WV
- Norwood Fire Station; Morgantown, WV
- FMW Composites; Bridgeport, WV
- Hart Field Terminal Renovation; Morgantown, WV
- White Hall Municipal Building; White Hall, WV
- WV State Office Building; Clarksburg, WV
- Ruby McQuain Amphitheater Roof; Morgantown, WV
- Augusta Apartment Building; Morgantown, WV
- Cass Scenic Railroad Clubhouse Renovation; Cass, WV
- Berkeley Springs Bath House Renovation; Berkeley Springs, WV





ALPHA RESUMES

Rebecca Key, AIA, LEED-AP | Architect, Associate

EMPLOYMENT HISTORY

2000 – Current Alpha Associates, Incorporated
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, Washington DC, New York, Virginia, Pennsylvania
- NCIDQ Certified
- Leadership In Energy and Environmental Design Accredited Professional

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

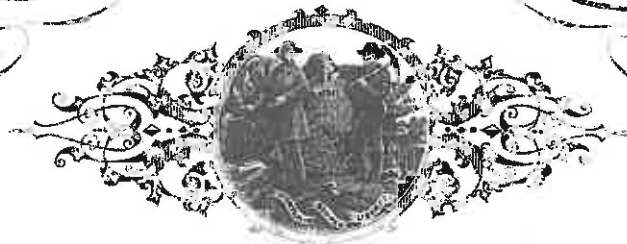
Contact

Rebecca Key
304.296.8216
800.640.8216

rebecca.key@thinkalphafirst.com

think  **Alpha** first.com

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.



ALPHA RESUMES

Thomas Pritts, AIA, LEED-AP | Associate, Architect

SUMMARY

Mr. Pritts is a licensed Architect who joined the Alpha Associates, Incorporated staff in the Morgantown office in 2004. His involvement in projects in West Virginia's Eastern Panhandle facilitated his relocation to Cumberland, MD in 2008 to better serve clients in that area. In 2008 he received his LEED Accredited Professional Certification from the USGBC and Construction Document Technologist designation from the Construction Specification Institute. Mr. Pritts has become a valuable asset to Alpha Associates with broad experience in K-12 and higher educational design, commercial design and programmatic development.

PROFILE

Broad-based responsibilities in the following areas:

- Architectural Design
- Programmatic Development
- Green Building Design

PROFESSIONAL HIGHLIGHTS

Higher Educational Facilities

- WVU CPASS and Student Health Building; Morgantown, WV
- Glenville State Skybox; Glenville, WV
- Potomac State College, ADA Connector Link; Keyser, WV
- Engineering Science Building, East Wing Addition, WVU
- Potomac State College, Library Façade Replacement, Keyser, WV
- Potomac State College, McKee Arts Center Plaza; Keyser, WV

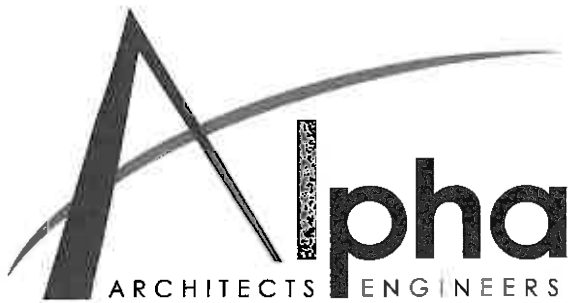
K-12 Educational Facilities:

- Huff Consolidated School; Hanover, WV
- Aurora Elementary School Addition; Preston County, WV
- Riverview High School Football Fieldhouse; McDowell County, WV
- Washington High School; Charles Town, WV
- Monongalia County Schools – School Access Safety; Morgantown, WV
- Pineville Elementary School; Wyoming County, WV

Miscellaneous:

- Harry Green Nissan; Clarksburg, WV
- Martinsburg Wastewater Treatment Plant; Martinsburg, WV
- Bavarian Inn Pool; Shepherdstown, WV
- Fairmont Federal Credit Union; Bridgeport, WV
- Clear Mountain Bank, Reedsville Branch; Reedsville, WV
- Clear Mountain Bank, Oakland Branch; Oakland, MD
- Jefferson County Emergency Operations Building; Ranson, WV
- Eastern Panhandle Transit Authority Renovation; Martinsburg, WV
- Yellow Brick Bank; Shepherdstown, WV





ALPHA RESUMES

Thomas Pritts, AIA, LEED-AP Associate, Architect

EMPLOYMENT HISTORY

2004 – Current Alpha Associates, Incorporated
2003-2004 Marshall Craft Associates

EDUCATION

Virginia Tech
Bachelor of Architecture; 2004

QUALIFICATIONS

- **License:** Registered Architect: West Virginia, Maryland
- NCARB Certified
- Leadership in Energy and Environmental Design Accredited Professional
- Construction Document Technologist
- Certified Construction Specifier

AFFILIATIONS

- American Institute of Architects
- West Virginia Society of Architects
- Autodesk User Group International
- U.S. Green Building Council
- Construction Specification Institute

Contact

Thomas Pritts
304.296.8216
800.640.8216

tom.pritts@thinkalphafirst.com

think  **Alpha** first.com

The Board of Architects



of West Virginia

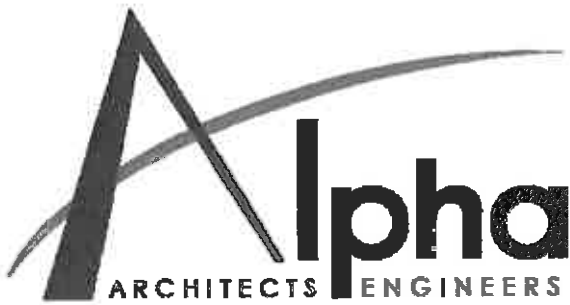
No. [REDACTED]

This Certifies that Thomas Franklin Britts of Morgantown
in the State of West Virginia, 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 20th
day of May 20 08

[Signature] President
[Signature] Secretary



ALPHA RESUMES

Matthew T. Echard, PE | Structural Engineer

SUMMARY

Matthew joined Alpha Associates, Inc in 2016 with a strong belief that his clients deserve intelligent, performance-based and value-oriented solutions. Drawing on experience working across the United States, Europe, and the Middle East, he returned to West Virginia to provide world-class service in an historically underserved region while making positive contributions to the future growth of his home state.

PROFILE

Broad-based responsibilities in the following areas:

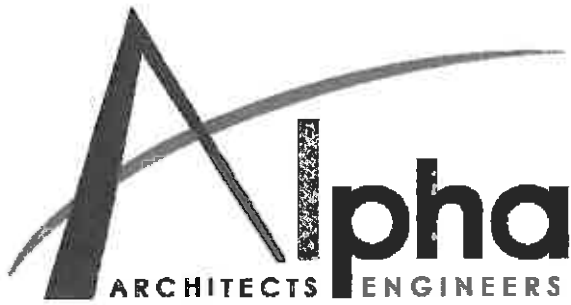
- Structural Engineering
- Structural Forensics
- Project Management

PROFESSIONAL HIGHLIGHTS

Structural Engineer:

- Grant County Bank; Petersburg, WV
- CAMC Utilities Bridge; Charleston, WV
- Weyerhaeuser Sutton - OSB Facilities Alterations; Heaters, WV
- Hotel America Tower & Residences; Dubai, UAE
- The Buildings by Daman; Dubai, UAE
- Harvard University Frist Science; Allston, MA
- Continuities of the Incomplete - MOCA; Los Angeles, CA
- Container House; Topanga Canyon, CA
- Columbus Center, Parcel 16; Boston, MA
- Logan International Airport, Seismic Retrofit; Boston, MA
- Falmouth High School Renovation & Gym; Falmouth, MA





ALPHA RESUMES

Matthew T. Echard, PE | Structural Engineer

EMPLOYMENT HISTORY

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

EDUCATION

Massachusetts Institute of Technology
Masters - Engineering and Environmental Mechanics 2002
Bachelor - 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)
- Chi Epsilon (XE)

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 ICSEA2010 - First International Conference on Structures and Architecture Guimarães, 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.

Contact

Matthew T. Echard

304.296.8216

800.640.8216

matthew.echard@thinkalphafirst.com



STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

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

Matthew T. Echard

DOES IN PURSUANCE OF AUTHORITY VESTED IN IT

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

REGISTERED PROFESSIONAL ENGINEER

Registration Number [REDACTED]

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



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

Members of the Board

Loren D. Thomas, Jr.

Richard E. Dignall

Bhajan S. Saha

William E. Venson

[Signature]



ALPHA RESUMES

Bradley Casdorff, PE, PS | Civil Engineer

SUMMARY

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

PROFILE

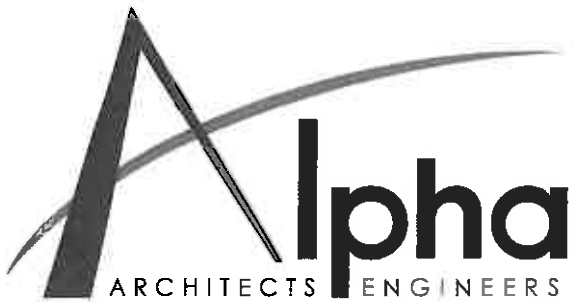
Broad-based responsibilities in the following areas:

- Airport Planning and Design
- Highway Design
- Hydraulic and Hydrology Studies
- Site Plan Development
- Land Surveying

PROFESSIONAL HIGHLIGHTS

Civil Engineering:

- Platinum Properties - Waterfront Conference Center; Morgantown, WV
- Hart Field - Runway Safety Area; Morgantown, WV
- Hart Field - Ramp Renovation and Deicing Facility; Morgantown, WV
- Hart Field - Signage and Lighting; Morgantown, WV
- Hart Field - Airport Certification Manual; Morgantown, WV
- Hart Field - Air Rescue and Fire Fighting Vehicle Procurement, WV
- WVU - Lot 81 Parking Area Improvements; Morgantown, WV
- WVU Animal Facilities Annex, Engineering Retrofit; Morgantown, WV
- McKee Crossing - 120 Acre Subdivision; Martinsburg, WV
- Morgantown Municipal Airport Access Road; Morgantown, WV
- Davisson Estates - 60 Acre Subdivision; Morgantown, WV
- Mon General Hospital - East Parking Area; Morgantown, WV
- Applebee's Restaurant, Site Plan; Morgantown, WV
- WVU CPASS/Student Health; Morgantown, WV
- WVU Research Park- 100 Acre ALTA/ACSM Survey; Morgantown, WV
- WVU Museum; Morgantown, WV



ALPHA RESUMES

Bradley Casdorff, PE, PS | Civil Engineer

EMPLOYMENT HISTORY

2004 – Current Alpha Associates, Incorporated
1979-2004 Triad Engineering, Incorporated

EDUCATION

West Virginia University
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 Regional Chapter; President
- Aircraft Owners and Pilots Association; Member

Contact

Bradley Casdorff

304.296.8216

800.640.8216

brad.casdorff@thinkalphafirst.com

think  first.com



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]

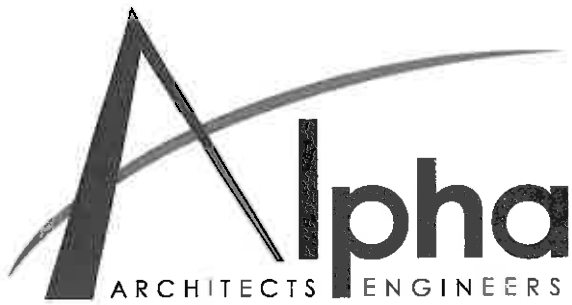
To Hold and use such title in the practice of his profession,
subject to the conditions prescribed by law.



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

Samuel D. Thomas, Jr. *Richard E. Dignas*
Blayne S. Sells *Wilbur E. Venson*



ALPHA RESUMES

Kevin McClung | Landscape Designer

SUMMARY

Mr. McClung comes to Alpha Associates, Incorporated after spending ten years in public service. He was formerly the Marion County Planner and his most recent position was Assistant Planner for the City of Fairmont. During his tenure in municipal government Mr. McClung has worked on grant writing and administration, comprehensive planning and code enforcement. Prior to working in municipal government Mr. McClung worked in the field of historic preservation as a delineator for the Eberly College of Arts and Sciences Institute for the History of Technology and Industrial Archaeology at WVU.

PROFILE

Broad-based responsibilities in the following areas:

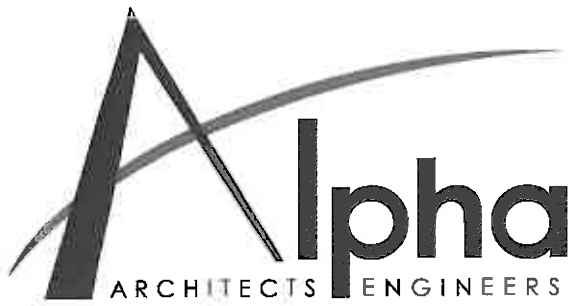
- Landscape Design
- Historic Landscape Preservation
- Delineation to HABS/HAER Standards
- Grant Writing
- Zoning Administration
- Comprehensive Planning
- Wetland Delineation

PROFESSIONAL HIGHLIGHTS

Landscape Designer:

- Clarksburg State Office Building; Clarksburg, WV
- Mon County Sheriff's Department Building; Morgantown, WV
- WVU Art Museum; Morgantown, WV
- WVU CPASS Building; Morgantown, 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
- ClearMountainBank; Reedsville, WV
- Mon General Medical Office Building Site Plan; Morgantown, WV
- Airport Access Road, Wetland Delineation; Morgantown, WV
- Glenville City Square; Glenville, WV
- J.B. Chambers Recreation Park; Wheeling, WV





ALPHA RESUMES

Kevin McClung | Landscape Designer

EMPLOYMENT HISTORY

2008 – Current Alpha Associates, Incorporated
2002-2008 City of Fairmont
1997-2002 Marion County Commission
1990-1997 IHTIA Eberly College of Arts and Sciences WVU
1989-1990 Landscapes Unlimited

EDUCATION

West Virginia University
Bachelor - Landscape Architecture; 1991

AFFILIATIONS

- City of Fairmont Board of Zoning Appeals
- Member of American Society of Landscape Architects

Contact

Kevin McClung

304.296.8216

800.640.8216

Kevin.mcclung@thinkalphafirst.com

think  first.com



B. Craig Miller PE, LEED-AP

President · Principal Engineer

Founder of Miller Engineering in 2003, he serves as President and Principal Engineer; Craig has more than (20) years of experience in project solution and design.

During his employment with WVU, he was directly involved with approximately \$130 million in new capital construction. Experienced in a wide range of projects and building types, including: renovations and adaptive reuse for building systems; he can add value to projects by leading the team to design constructable solutions. He is experienced at working with both owner's and teams to complete project goals.

Profile

President

- Design of MEP, Fire, Data, and Project Solutions
- Project Personnel Management
- Business Operations and Financial Management Oversight
- Quality Assurance and Control

Project Highlights

- \$75M in MEP Projects Completed to Date
- Multiple Project Experience with Buildings Aged 70+ years
- Metropolitan Theater Historic Renovation
- Bartlett House Phased Adaptive Renovation
- West Virginia Capitol Building Renovation
- Veteran's Memorial and Reflecting Pool

Professional History

2003- Present	Miller Engineering, Inc.	President and Principal Engineer
2002-2003	Casto Technical Services	Existing Building Services Staff Engineer
2001-2002	Uniontown Hospital	Assistant Director of Engineering
1995-2001	West Virginia University	Staff Engineer
1990-1995	BOPARC	Caretaker, Krapps Park
1983-1988	University of Charleston	Electrician/HVAC Mechanic

Education

1995	West Virginia University, BS-Mechanical Engineering
1988	University of Charleston, BA-Mass Communications

LICENSE/CERTIFICATION

- Professional Engineer (West Virginia, Pennsylvania, Maryland, and Ohio)
- Licensed Master Plumber
- LEED-AP Certified





Travis Taylor, PE

Staff Engineer

Experience in project management facilitates Travis's ability to create and design constructable projects. Prior to joining the Miller Engineering team he was directly responsible for managing \$10 million in electrical construction budgets. His experiences encompass both new construction and renovation. Travis maintains professional competencies by attending seminars and continuing education classes.

As a staff engineer, he provides HVAC, Mechanical, Plumbing, Electrical, and Fire Protection design solutions and services for our clients. Travis's hands-on construction experience enables him to provide engineered solutions for all types of building's fire protection and suppression requirements.

Profile

Staff Engineer

- Design of MEP, Fire, Data, and Phone Systems
- Constructable Design and Materials Evaluation
- Site Evaluation and Mechanical System Review
- Submittal and RFP Review
- RFI Coordination, Review, and Response
- Construction Observation

Project Highlights

- Bobtown Elementary School HVAC Renovation
- Electrical Contractor Project Manager for the *Louis Johnson VA Hospital* -- 3rd floor Inpatient Renovation
- WV Veterans Memorial Renovations
- Adaptive Renovation of the Bartlett House
- Pipestem state Park Switchgear, Piping, and Fire Alarm Upgrades
- WVU Hesland Hall Fire Alarm and Sprinkler Upgrades
- Adaptive re-use of Urings General Store into mixed-use facility

Professional History

2011-Present	Miller Engineering, Inc.	Staff Engineer
2006-2011	Tri-County Electric, Co.	Project Manager

Education

2006 West Virginia University, BS - Mechanical Engineering

LICENSE/CERTIFICATION

- Professional Engineer - State of West Virginia
- OSHA 10-hour Course: Construction Safety & Health





Joseph Machnik

MEP Designer

Joseph joined Miller in order to support computer aided design and modeling functions while enhancing design synergy to occur for our clients. He has experience with AutoCAD, MEP and Revit MEP. He provides modeling, drafting, and supervised design services and construction support for Miller Engineering.

PROFILE

Design of Mechanical, Electrical, and Plumbing Systems

- Drawing Coordination of New Construction and Renovation Designs including Autodesk Revit® & AutoCAD®
- Design of Plumbing & Mechanical Systems
- Assistance with Construction Administration

PROFESSIONAL PROJECT HIGHLIGHTS

- Bobtown Elementary School HVAC Renovation
- WW Veterans Memorial Renovation
- Bartlett House Renovation
- Adaptive Re-Use of Urllings General Store
- Tygart Lake State Park Lodge Kitchen HVAC Upgrades

EMPLOYMENT HISTORY

2010 - Present Miller Engineering, Inc. MEP Designer

EDUCATION

2008 Penn State - Fayette, AS • Building Engineering Systems Technology; Building Environmental Systems Technology

2007 Penn State - Fayette, AS • Building Engineering Systems Technology; Architectural Engineering Technology





Robert Angus

Construction Project Representative

Expertise in project management is at the forefront of Robert’s abilities and during the past (10) years he has been directly involved with over \$30 million dollars of construction projects. Years of maintenance, operations, plumbing, and HVAC construction add valuable knowledge and expertise to our complete assessment process.

Robert’s hands-on experience enables him to interface with construction personnel seamlessly alongside engineers and architects. He is adept at preventing, mitigating, and resolving construction issues. He is involved at the site evaluation and estimation phase to enhance outcomes of collaboration for all stakeholders’ interest and to help ensure constructable designs which meet project goals.

Profile

Construction Administration

- Construction Estimation and Building Information Modeling
- Site Evaluation, Mechanical System Review
- Submittal Review and Project Planning
- RFI, RFPCO Review and Response

Project Highlights

- 3rd Party Construction Observation – Canaan Valley Resort
- Bartlett House Renovation
- Veteran’s Memorial and Reflecting Pool
- Blackwater Falls Kitchen HVAC Renovation, Fire/Sprinkler System
- Metropolitan Theater Historic Renovation
- Holly Grove Historic Mansion Renovation

Professional History

2009- Present	Miller Engineering, Inc.	Construction Project Representative
2000-Present	Angus Contracting, LLC	Owner/Project Manager
1991-2000	SOPARC	Director of Maintenance

Education

2000	Monongalia County Technical Education Center	Heating, Cooling, and Refrigeration Certification
1996	West Virginia University	Recreation and Parks Administration

LICENSE/CERTIFICATION

- Licensed WV General Contractor
- Licensed HVAC Contractor and Certified Mechanical Contractor
- Licensed Journeyman Electrician
- Licensed Master Plumber
- OSHA 10-Hour Construction Safety & Health





Jack Jaminson

Code Professional

Jack brings (15) years as an electrical/building inspector and over (20) years of experience in the commercial electrical construction field. He is certified as a Master Code Professional and has many professional registrations and certifications. Jack also teaches code review classes throughout the year. Through his experience, he is familiar with many local and state code enforcement officials. His experience and knowledge are valuable resources to Miller's complete assessment process.

Profile

Design of Electrical Systems

- Facilities and Project Evaluation
- Management of Project Observations
- Field Observations and Issue Resolutions
- Code Research

PROFESSIONAL HIGHLIGHTS

- Board Member of the WV Code Officials
- Founder and Secretary of the West Virginia Division of the International Association of Electrical Inspectors
- IAEI Ohio Chapter – Membership Chair

Professional History

2010- Present	Miller Engineering, Inc.	Code Professional
1998-2010	Megco Inspections	Chief Inspector
1972-1998	Jaminson Electrical Construction	Electrician
1971-1972	General Electric	Inside Sales Engineer

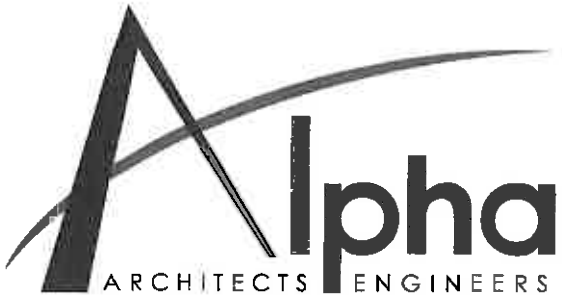
Education

1971 Fairmont State College, BS-Engineering Technology-Electronic

LICENSES/CERTIFICATIONS

- Master Code Professional
- ICC Commercial Building, Building Plans, Commercial Plumbing, Residential Energy, and Accessibility Inspector/Examiner
- IAEI Master Electrical Inspector
- Certified WV Home Inspector
- Class C Electrical Inspector – WV, PA, MD, & OH
- WV Master Electricians License
- NCPCCI-1A, 2A, 4A, & 5A: 1 & 2 Family Dwelling
- NCPCCI-2B, 2C, 4B, 4C: Electrical & Mechanical General/Plan Review
- OSHA 30 Hour Course: General Industry
- NFPA Code Making Panel 14 – NEC 2014 Edition





REFERENCES

Michael Evans, Architect
State of West Virginia
1900 Kanawha Blvd., East
Bldg. 1 Room MB-60
Charleston, WV 25305
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Melody Haynes, Procurement Officer
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Bldg. 1, Room MB-60
Charleston, WV 25305
304-957-7173

Kent George, Chief Executive Officer
Robinson & McElwee
Holiday Inn & Suites South Charleston
700 Virginia Street East
Charleston, WV 25301
304-344-5800

Real Estate Division
State of West Virginia
1409 Greenbrier Street
Charleston, WV 25311
304-558-3062

Mr. John Sommers, Senior Project Manager
West Virginia University
979 Rawley Lane
Morgantown, WV 26506
304-293-2856

Every aspect and detail of your planning, coordination, and completed projects have been exceptional and outstanding in every regard.

Robert Hammel, Former Director
Morgantown Municipal Airport

The entire staff at Alpha has always been responsive, professional, creative, and practical. Most importantly, they are always concerned about our needs as a client. They quickly respond to challenges that arise during construction.

Brian Thomas, President
Clear Mountain Bank