

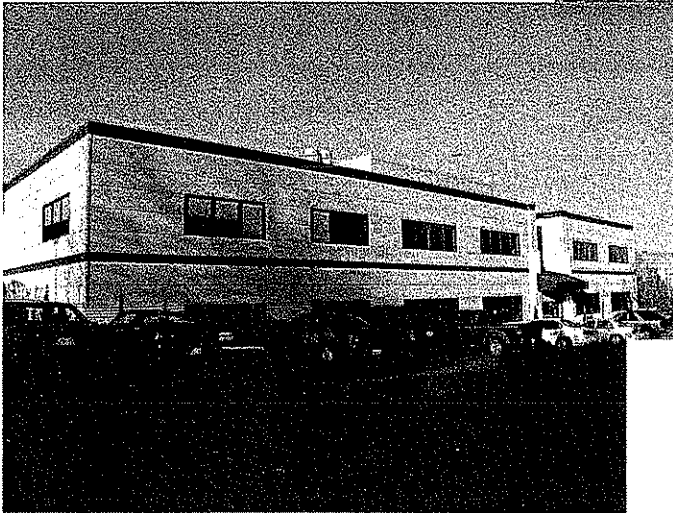
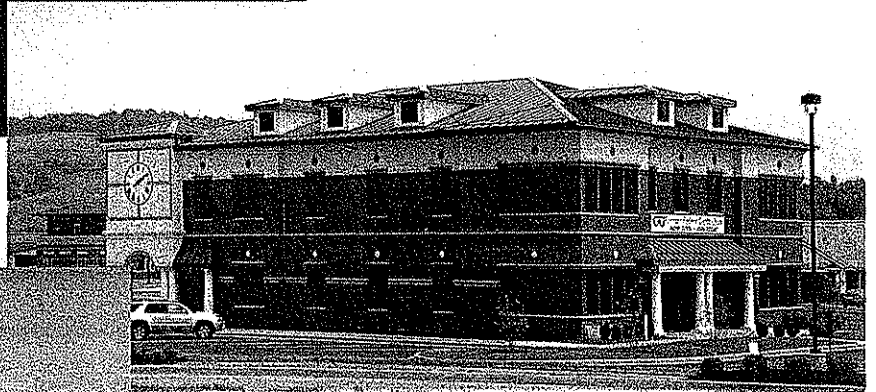
West Virginia Department of Agriculture

Architectural and Engineering Services

RFQ No. AGR1013

February 23, 2010

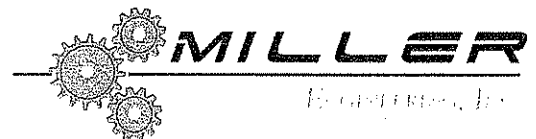
EXPRESSION OF INTEREST



RECEIVED

2010 FEB 22 PM 12:46

WV PURCH & ACQ
DIVISION





State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
AGR1013

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
RON PRICE
304-558-0492

BIDDING

RFQ COPY
TYPE NAME/ADDRESS HERE
 Alpha Associates, Incorporated
 209 Prairie Avenue
 Morgantown, WV 26501

SHIP TO

DEPARTMENT OF AGRICULTURE
ADMINISTRATIVE SERVICES
BUILDING 2, ROOM 106
4720 BRENDA LANE
CHARLESTON, WV
25312 **304-558-2221**

DATE PRINTED 01/21/2010	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
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BID OPENING DATE: **02/23/2010** **BID OPENING TIME 01:30PM**

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		906-07		
<p>DESIGN OF AN OFFICE BUILDING</p> <p>EXPRESSION OF INTEREST</p> <p>TO PROVIDE ARCHITECTURAL/ENGINEERING SERVICES FOR THE DESIGN OF A SIMPLIFIED OFFICE BUILDING PER THE ATTACHED.</p> <p>WRITTEN QUESTIONS WILL BE ACCEPTED UNTIL THE 4:30 PM ON FEBRUARY 2, 2010 AT THE FOLLOWING:</p> <p>RON PRICE PURCHASING DIVISION 2019 WASHINGTON STREET EAST CHARLESTON, WV FAX: 304-558-4115 EMAIL: RON.N.PRICE@WV.GOV</p> <p>NOTICE</p> <p>A SIGNED BID PLUS 3 CONVENIENCE COPIES MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE  TELEPHONE **304-296-8216** DATE **02-19-10**

TITLE **President and COO** FEIN **55-0516286** ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

West Virginia Code §5A-3-10a states: 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 the debt owed is an amount greater than one thousand dollars in the aggregate.

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.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "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 exceed five percent of the total contract amount.

EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this 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.

Under penalty of law for false swearing (*West Virginia Code §61-5-3*), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: Alpha Associates, Incorporated

Authorized Signature: [Signature] Date: 02-19-10

State of West Virginia

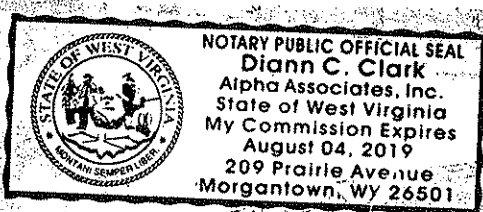
County of Morgantown, to-wit:

Taken, subscribed, and sworn to before me this 19th day of February, 2010

My Commission expires August 4, 2019, 20

AFFIX SEAL HERE

NOTARY PUBLIC [Signature]





ARCHITECTS • ENGINEERS • SURVEYORS

February 23, 2010

Purchasing Division
2019 Washington Street, East
P.O. Box 50130
Charleston, WV 25305-0130

Attn: Ron Price, Buyer

**Re: AGR1013 –Office Building – Gus R. Douglas Agriculture Center
Architectural and Engineering Services**

Dear Mr. Price,

Alpha Associates, Incorporated is pleased to submit this proposal to provide architectural and engineering design services for the design and construction of a two-story office building for the West Virginia Department of Agriculture.

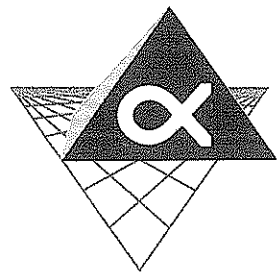
Over the past 41 years Alpha has been the lead architect and engineer for many new construction projects throughout West Virginia. We provide services from the conceptual idea phase through final acceptance of finished structure and appurtenances. We are currently working with the State of West Virginia on the design of a new WV State Office Building in Clarksburg, WV. We have also provided design services for new office buildings for a variety of other clients in West Virginia. More information on these projects is included in this Expression of Interest.

DESIGN TEAM

Alpha Associates, Incorporated is a multi-disciplined design firm located in Morgantown, WV. We provide services in the following areas:

- Architectural Design
- Civil Engineering
- Structural Engineering
- Interior Design
- Surveying
- Landscape Design





Alpha employs a team of 36 professionals and support staff who will make your project a priority. Our architects and engineers have the knowledge and experience that is needed to complete your office building.



Miller Engineering, Inc. is a Morgantown, WV based firm that has been involved in very similar projects for numerous clients, including projects with Alpha. Having worked with Alpha Associates, Incorporated on numerous projects over the past 7 years, the coordination between firms is seamless.

Our design team is familiar with all local, State, and Federal regulations needed for your project.

Throughout the duration of the design, Alpha will be the lead design firm and single point of contact for your project. The Expression of Interest that follows includes information and complete resumes on the Team selected.

SUMMARY

Alpha's design team is ready to begin the design of your new office building immediately. The Team has the capacity and ability to complete all aspects of your project in a timely manner. We look forward to working with the WV Department of Agriculture on the design and construction of the Gus R. Douglas Agriculture Center.

Sincerely,

Alpha Associates, Incorporated

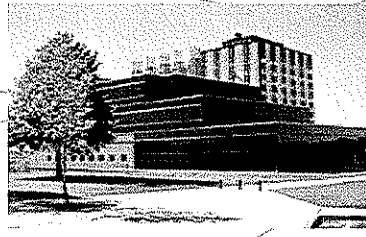
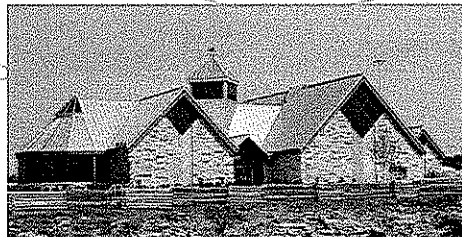
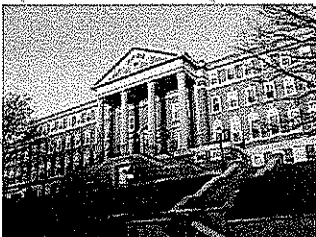
Richard A. Colebank, PE, PS

President and COO

rcolebank@alphaaec.com

Firm ProfileALPHA ASSOCIATES,
INCORPORATED
2010**Firm Profile**

Alpha Associates, Incorporated

Firm Name: Alpha Associates, Incorporated**Corporate Office:** 209 Prairie Avenue
Morgantown, West Virginia 26501**Eastern Regional Office:** 535 West King Street
Martinsburg, West Virginia 25401**Incorporated:** 1969; Morgantown, West Virginia**Firm Principals:** Richard A. Colebank, PE, PS; President and COO
Richard W. Klein, PE, PS; Chairman and CEO
William A. Atwell, Jr., PE; Senior Vice President
James A. Davison, AIA; Vice President
Charles B. Luttrell, PE; Principal
Steven V. Buchanan, PE, PS; Principal
Matthew S. Breakey, AIA; Principal
Charles B. Branch, PE; Principal**Number of Employees:** 36 Employees

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.



ARCHITECTS • ENGINEERS • SURVEYORS

Architectural Case Studies

Project Description

BSGG Professional Building Morgantown, WV

Alpha designed a Professional Medical Arts Building, anchored by Morgantown Dental Group with remaining areas developed as condominium style offices for other dental professionals. The other dental professionals will be "Referred" and "Preferred" professionals of Morgantown Dental Group.

Area will be approximately 8000 sq. ft. per floor. Height 3 and a half stories, with the half story being a partial basement, for mechanical system, etc.

At A Glance...

- 1 *Client:*
BSGG, LLC
- 2 *Location:*
Morgantown, WV
- 3 *Completion Date:*
Multi Phase Project
- 4 *Size:*
28,000 Square Feet
- 5 *Construction Cost:*
est. \$4Million



Financial Case Studies

Project Description

Clear Mountain Bank Formerly Bruceton Bank Glenmark Centre Morgantown, WV

Alpha Associates, Incorporated designed this new three-story building for construction in a new retail development. This 19,000 Square Feet building includes banking facilities on the first floor and leasable space for an insurance company and accounting offices on the second and third floors. Special design considerations have been made to separate the offices due to elevated security needed for the banking facility.

At A Glance...

1

Client:
Bruceton Bank

2

Location:
Morgantown, WV

3

Completion Date:
2002

4

Size:
19,000 SF

5

Construction Cost:
Private Client

6

Project Relevance:

- Access Issues
- Landscape Design
- Streetscape Design
- Architectural Design



Higher Education Case Studies

Project Description

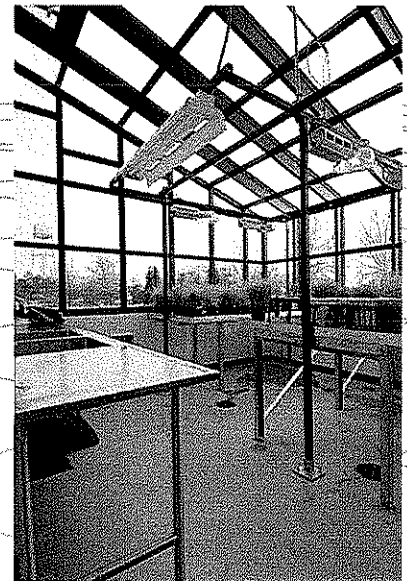
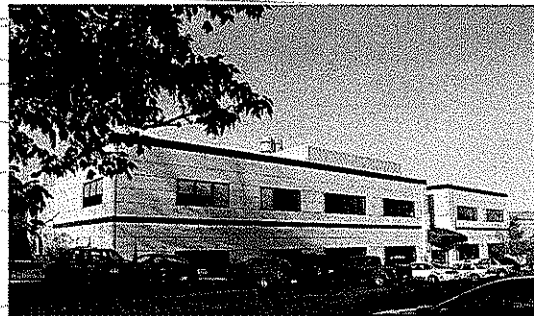
West Virginia University— South Agricultural Sciences Building Morgantown, WV

Alpha Associates, Incorporated provided architectural and engineering design services for a two-story addition to the south side of the Agricultural Sciences Building. The addition includes space for the Plant Pathology and Environment Microbiology Departments as well as research labs, lab support space, wet bench teaching labs, greenhouse, a 250 seat lecture hall and office space.

Alpha Associates has a cost estimating record that is very difficult to beat. This project came within less than an eighth of a percent of the low bid/contract amount.

At A Glance...

- 1 *Client:*
West Virginia University
- 2 *Location:*
Morgantown, WV
- 3 *Completion Date:*
2005
- 4 *Size:*
40,000 SF
- 5 *Construction Cost:*
\$7.3 Million



Architectural Case Studies

Project Description

Monongalia County Operations Center Morgantown, WV

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

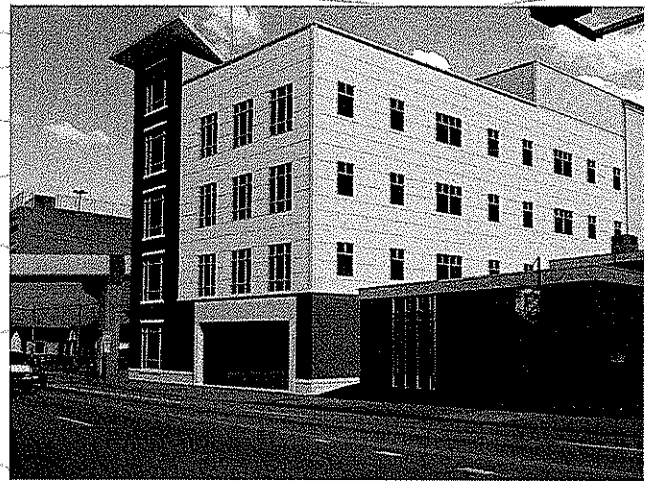
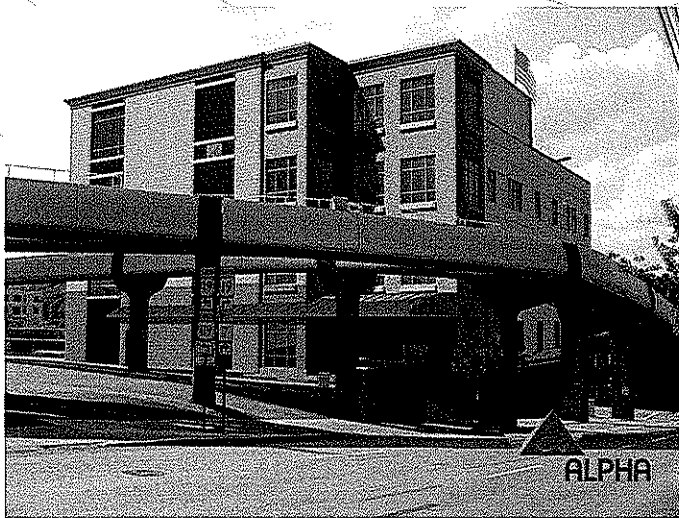
Site constraints and adjacent overhead structures made the development and construction of the project very challenging.

The building was designed as a 4-story building with the option to add two additional stories

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

At A Glance...

- 1 *Client:*
Monongalia County
Commission
- 2 *Location:*
Morgantown, WV
- 3 *Completion Date:*
Est. 2011
- 4 *Size:*
60,078 sq. ft.
- 5 *Construction Cost:*
Estimate \$9 Million



Historic Case Studies

Project Description

KCAD Professional Office Building Martinsburg, WV

Alpha Associates, Incorporated completed the restoration of this historic train station to be used as the Alpha Eastern Regional Office. The Martinsburg Train Station is part of the Boom Town Historic District. Originally constructed in 1889 to allow for the expansion of the Cumberland Valley Railroad, the Depot has not been used for passengers since the 1950's. Extensive care was taken to maintain the original windows and to restore much of the original façade. Alpha received a West Virginia Society of Architects Design award for this historical restoration.

At A Glance...

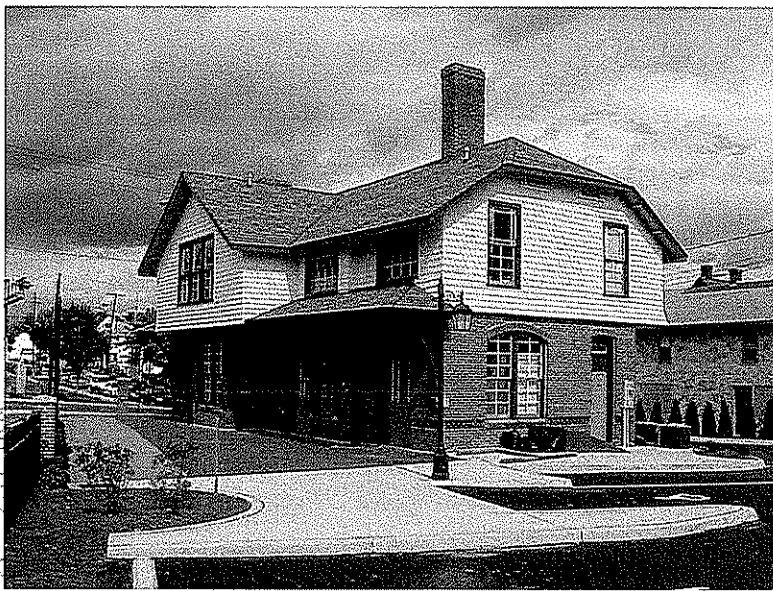
- 1 Client:
KCAD Properties
- 2 Location:
Martinsburg, WV
- 3 Completion Date:
2001
- 4 Size:
Private Client
- 5 Construction Cost:
Private Client



Historic Case Studies

Project Description

KCAD Professional Office Building Martinsburg, WV



At A Glance...

- 1 Client:
KCAD Properties
- 2 Location:
Martinsburg, WV
- 3 Completion Date:
2001
- 4 Size:
Private Client
- 5 Construction Cost:
Private Client



Architectural Case Studies

Project Description

EPTA Vehicle Maintenance Facility Alterations and Additions Martinsburg, WV

Alpha Associates, Incorporated is currently providing architectural and engineering services for the Eastern Panhandle Transit Authority Vehicle Maintenance Facility in Martinsburg, West Virginia.

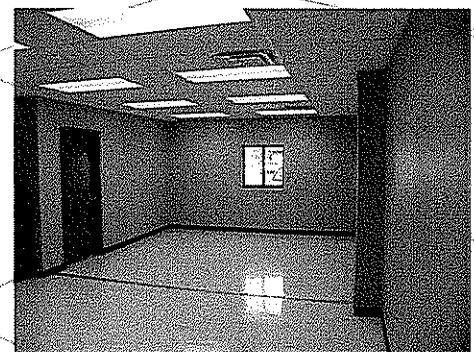
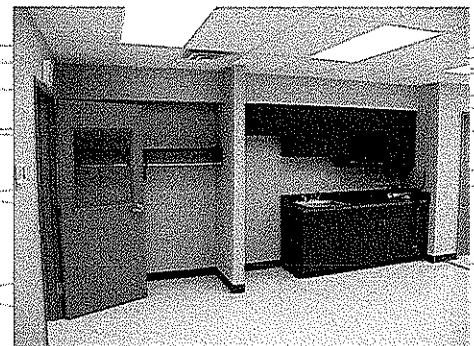
The Scope of Work included a 1550 square foot addition and a 2400 square foot renovation of the existing facility. Due to funding, the time constraints on this project were very tight.

The work included:

- Selective demolition
- Three new offices
- New Workroom and storage room
- New toilets and training room
- Carpet Removal and Replacement

At A Glance...

- 1 *Client:*
WV Department of
Public Transit
- 2 *Location:*
Martinsburg, WV
- 3 *Completion Date:*
TBD
- 4 *Size:*
1550 Sq Ft. Addition
2400 Sq Ft. Renovation
- 5 *Construction Cost:*
TBD



Higher Education Case Studies

Project Description

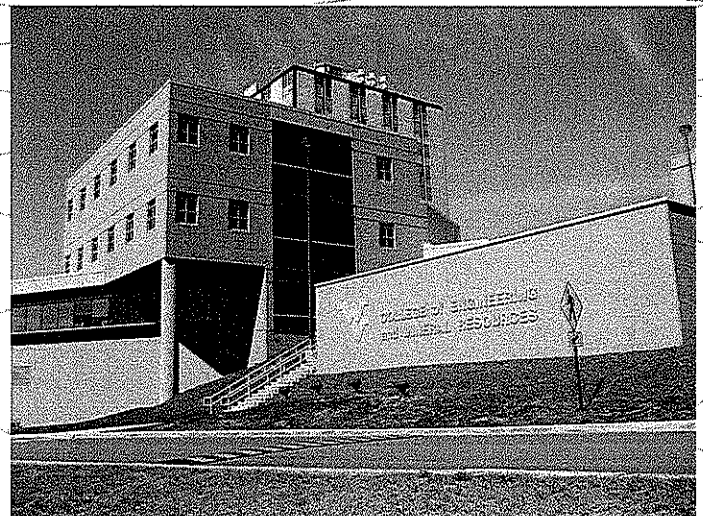
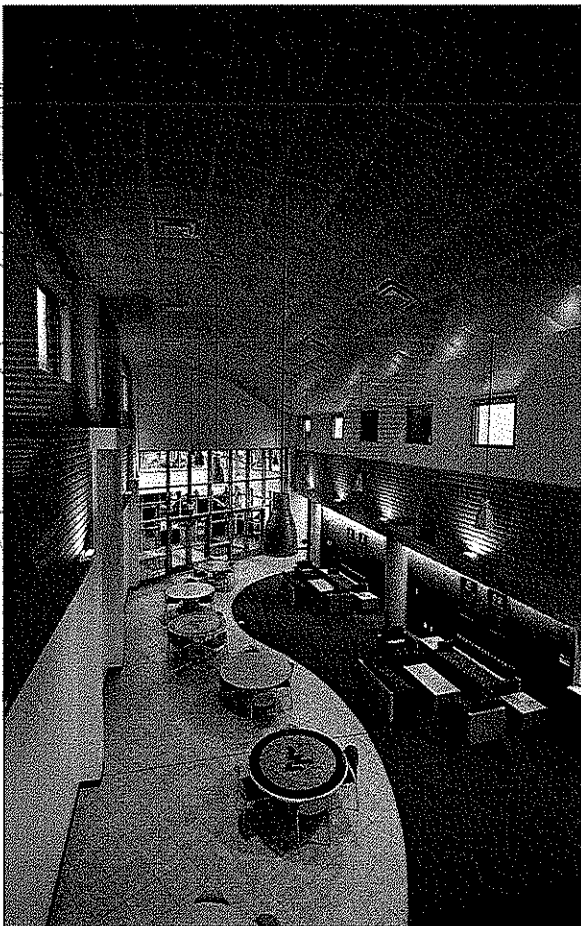
West Virginia University - East Wing Addition/Renovation Morgantown, WV

The first phase of this project was a feasibility study that evaluated the building to determine the nature and scope of the addition.

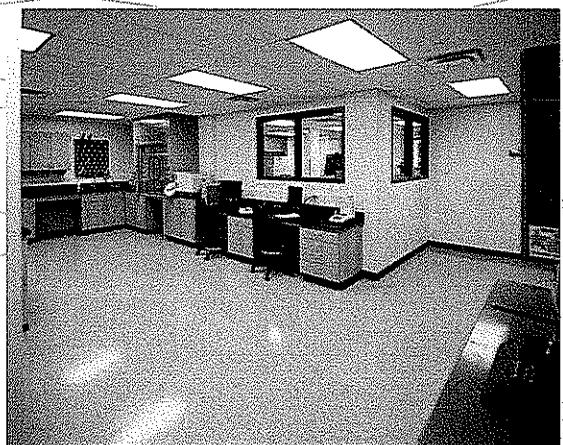
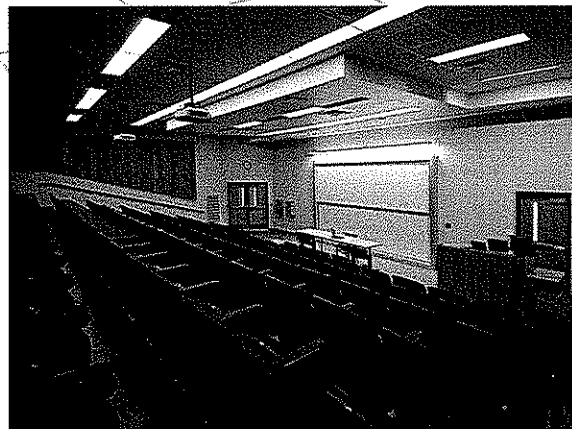
The WVU Engineering Science Building East Wing Renovation/Addition project was conceived to create a new primary entrance to the existing 228,000 square foot building on the Evansdale campus. It consists of a 4-story addition as well as the conversion of an abandoned 3 ½ story boiler room into usable program space. This 3 ½ story boiler space was subdivided into 3 floors supporting chemical-research labs and a tiered lecture hall.

At A Glance...

- 1 *Client:*
West Virginia University
- 2 *Location:*
Morgantown, WV
- 3 *Completion Date:*
2008
- 4 *Size:*
32,600 sq. ft. Addition
6,500 sq. ft. Renovation
- 5 *Construction Cost:*
\$11 Million



West Virginia University - East Wing Addition/Renovation
Morgantown, WV



At A Glance...

- 1 *Client:*
West Virginia University
- 2 *Location:*
Morgantown, WV
- 3 *Completion Date:*
2008
- 4 *Size:*
32,600 sq. ft. Addition
6,500 sq. ft Renovation
- 5 *Construction Cost:*
\$11 Million



Financial Case Studies

Project Description

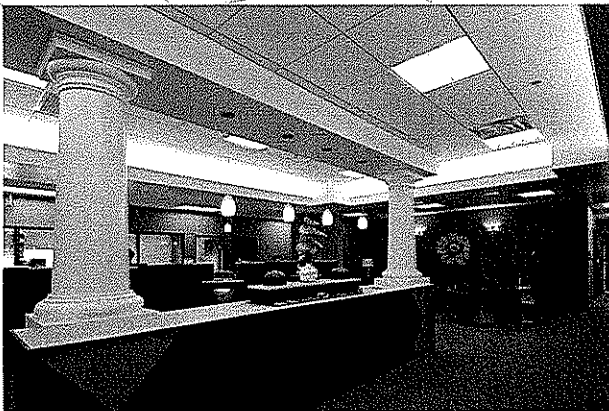
Fairmont Federal Credit Union Bridgeport, WV

Fairmont Federal Credit Union recently expanding into the newest development in Harrison County. Charles Pointe, located along the I-79 Corridor is the home to the new two story branch of the Credit Union.

Alpha Associates, Incorporated provided architectural design services, civil and structural engineering and expanded interior design services for the branch office. Additional unfinished space was design to allow for future growth in the area.

At A Glance...

- 1 Client:
Fairmont Federal Credit Union
- 2 Location:
Bridgeport, WV
- 3 Completion Date:
2007
- 4 Size:
12,500 SF
- 5 Construction Cost:
Private Client
- 6 *Project Relevance:*
 - Access Issues
 - Landscape Design
 - Streetscape Design
 - Architectural Design



Architectural Case Studies

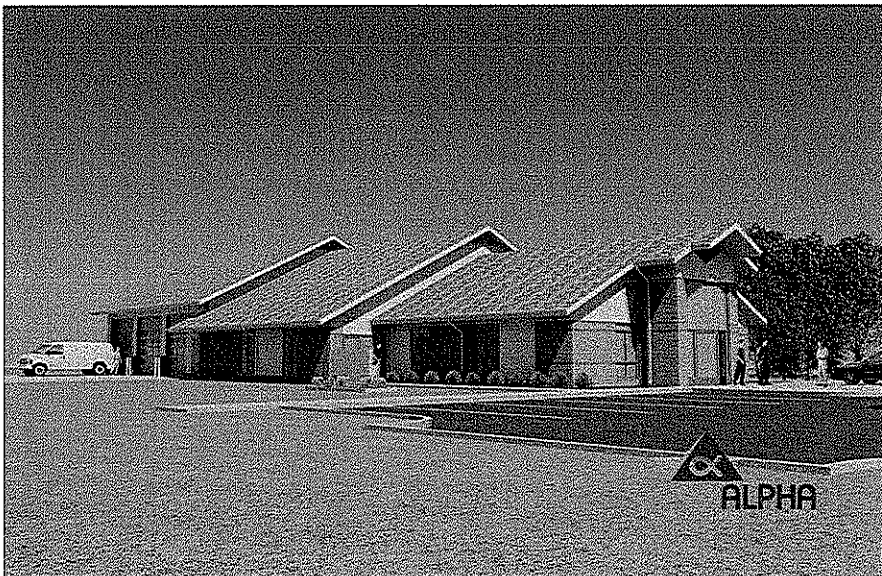
Project Description

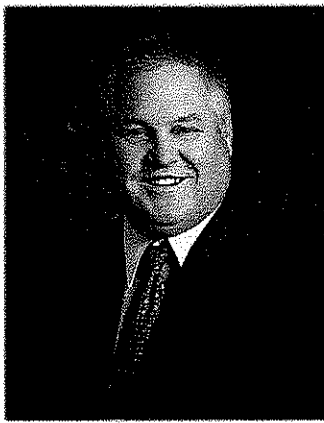
Jefferson County Emergency Services Agency Martinsburg, West Virginia

Alpha Associates, Incorporated provided design services for a new Operations Center for the Jefferson County Ambulance Authority that will hold vehicle bays, sleeping quarters, training room, and office spaces. The building will be designed to blend into the surrounding development and have a civic presence.

At A Glance...

- 1 Client:
Jefferson County
Ambulance Authority
- 2 Location:
Ranson, WV
- 3 Completion Date:
2010
- 4 Size:
6,750 SF
- 5 Construction Cost:
\$1.2 Million





RICHARD A. COLEBANK, PE, PS
PRESIDENT AND COO
CIVIL ENGINEER
rcolebank@alphaaec.com

SUMMARY

Mr. Colebank is President and Chief Operating Officer of the firm. Mr. Colebank 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 West Virginia University, City of Morgantown, The West Virginia Division of Highways, WVU Foundation and the Morgantown Municipal Airport, as well as numerous 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

PROFESSIONAL HIGHLIGHTS

Transportation Projects:

- Morgantown Municipal Airport-IDIQ Contract; Morgantown, WV
- Route 10 Relocation; Wyoming County, WV
- South High Street Bridge Replacement; Morgantown, WV
- Blackshere Bridge Replacement; Mannington, WV
- Lewis County High School Access Road and Bridge; Weston, WV
- University Avenue/Stadium Loop; Morgantown, WV
- West Buckeye Bridge; Blacksville, WV

Civil Engineering Projects:

- Monongalia General Hospital; Morgantown, WV
- WVU Research Park; Morgantown, WV
- West Virginia Medal of Honor Recipients Plaza; Hazelton, WV
- West Virginia Division of Highways I-77 Welcome Center; Williamstown, WV
- West Virginia High Technology Consortium Site Work; Fairmont, WV
- Greystone on the Cheat through Phase II; Morgantown, WV



RICHARD A. COLEBANK, PE, PS
PRESIDENT AND COO
CIVIL ENGINEER
rcolebank@alphaaec.com

Indefinite Delivery/Indefinite Quantity Contracts:

- Morgantown Municipal Airport Open End Contract; Morgantown, WV
- West Virginia Division of Highways Open End Contract; State of WV
- National Energy Technology Laboratories; Morgantown, WV
- West Virginia University Open End Contract; State of WV

EMPLOYMENT HISTORY

PRIVATE INDUSTRY: 1985 – Present Alpha Associates, Incorporated
1983 – 1985 Charles Townes and Associates, P.C.

CORPS OF ENGINEERS: 1983 US Army Corps of Engineers

EDUCATION

GRADUATE: West Virginia University
Masters – Business Administration; 1999

UNDERGRADUATE: West Virginia University
BS – Civil Engineering; 1982

QUALIFICATIONS

LICENSE: Professional Engineer:
West Virginia, Pennsylvania, Maryland, Virginia,
Professional Surveyor:
West Virginia
Certified Private Pilot

AFFILIATIONS

PROFESSIONAL: Former NSPE/PEPP Governor of WV
ACEC/WV; Former President and Current National Director

CIVIC: University High School Foundation; Charter Member; Current
President
Morgantown Area Chamber of Commerce; Past Chairman
Monongalia County MPO Technical Advisory Committee;
Member
Morgantown Area Economic Partnership; Member
University High School Athletic Field Committee





JAMES A. DAVISON, AIA
VICE PRESIDENT
ARCHITECT
jdavison@alphaaec.com

SUMMARY

Mr. Davison is the Vice President of Alpha Associates, Inc. Mr. Davison joined the firm in November of 1977. He became a principal of the firm and Vice President in 1980. He has designed numerous structures, including research facilities, post offices, religious facilities, commercial and office buildings, and educational and medical facilities. The West Virginia Society of Architects has recognized Mr. Davison for his excellence in architecture with design awards for the Engineering Research Building at West Virginia University in Morgantown, WV, Wheeling College Chapel in Wheeling, WV, Morgantown High School Addition in Morgantown, WV and the KCAD Professional Office Building located in Martinsburg, WV.

PROFILE

Broad-based responsibilities in the following areas:

- Educational Architecture
- Medical Architecture
- Religious Architecture
- Quality Control
- Client Development
- New-Business Development

PROFESSIONAL HIGHLIGHTS

Higher Educational Facilities:

- Agricultural Sciences Building Addition, West Virginia University; Morgantown, WV
- Prichard Hall Renovation, Fairmont State University; Fairmont, WV
- Engineering Science Building, East Wing Addition; Morgantown, WV
- Engineering Research Building; Morgantown, WV
- National Research Center for Coal and Energy, West Virginia University; Morgantown, WV
- Student Leader Housing, West Virginia University; Morgantown, WV
- Galli Laboratory, West Virginia University; Morgantown, WV

K-12 Educational Facilities:

- Washington High School, Charles Town, WV
- Westside High School; Clearfork, WV
- Wyoming East High School; New Richmond, WV
- Lewis County High School; Weston, WV
- Morgantown High School Addition/Renovation; Morgantown, WV
- Ridgedale Elementary School Addition; Morgantown, WV

Medical Facilities:

- Ruby Memorial Hospital Emergency Addition; Morgantown, WV
- Sundale Nursing Home Renovation/Addition; Morgantown, WV



Miscellaneous Architectural Design:

- Upshur County Senior Opportunity Center; Buckhannon, WV
- West Virginia Medal of Honor Recipients Memorial Plaza; Hazelton, WV
- Cumberland Valley Railroad Depot (KCAD Properties Professional Office); Martinsburg, WV
- Ronald McDonald House; Morgantown, WV
- Jenkins Ford; Buckhannon, WV

EMPLOYMENT HISTORY

PRIVATE INDUSTRY:	1977 – Current	Alpha Associates, Incorporated
	1976 – 1977	Carl G. Baker, Architects
	1974 – 1976	Architectural Firm of Laurie and Green
	1966 – 1974	Michael S. Molnar Associates

EDUCATION

UNDERGRADUATE:	Pennsylvania State University Bachelor of Architecture; 1973
-----------------------	---

QUALIFICATIONS

LICENSE:	Registered Architect: West Virginia, Pennsylvania, Maryland, Virginia, Ohio NCARB-Certified
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AFFILIATIONS

PROFESSIONAL:	American Institute of Architects West Virginia Society of Architects Council of Educational Facility Planners International American Arbitration Association Interfaith Forum on Religion, Art and Architecture
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CIVIC:	Main Street Morgantown
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AWARDS

DESIGN AWARDS:	West Virginia Society of Architects Design Awards: KCAD Professional Office Building Morgantown High School Engineering Research Building Wheeling College Chapel
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**MATTHEW S. BREAKEY, AIA,
LEED-AP**
PRINCIPAL
ARCHITECT
mbreakey@alphaaec.com

SUMMARY

Mr. Breakey began working at Alpha in 1998, and became a principal of the firm in 2004. Mr. Breakey has gained experience through working as a Project Manager on major capital construction projects throughout West Virginia. He deals with projects from schematic design to project close out.

PROFILE

Broad-based responsibilities in the following areas:

- Architectural Design
- Construction Administration
- Contract Negotiations
- New Business Development

PROFESSIONAL HIGHLIGHTS

Higher Education Projects:

- Potomac State College, ADA Connector Link; Keyser, WV
- ~~WVU Engineering Sciences Building East Wing Renovation/Addition; Morgantown, WV~~
- ~~WVU Engineering Sciences Building 10th Floor Renovation; Morgantown, WV~~
- ~~WVU Engineering Science Building Nano/Microtechnology Lab; Morgantown, WV~~
- ~~WVU Alfred F. Galli Laboratory Renovations; Morgantown, WV~~

K-12 Education Projects:

- Washington High School, Charles Town, WV
- Pocahontas County High School Science Wing Renovation/Addition; Marlinton, WV
- Buckhannon Upshur Middle School Roof Replacement; Buckhannon, WV
- Buckhannon Upshur Middle School HVAC Upgrades; Buckhannon, WV
- Stanesville Elementary School Addition; Hampshire County, WV
- Petersburg High School Science Lab Renovation; Petersburg, WV

Miscellaneous:

- Clear Mountain Bank, Reedsville Branch; Reedsville, WV
- BC Bank Renovation/Addition, Philippi Branch; Philippi, WV
- Clear Mountain Bank, Oakland Branch; Oakland, MD
- Fairmont Federal Credit Union, Charles Pointe Branch; Bridgeport, WV
- Robert C. Byrd Health Sciences Center SRP Lab Renovation; Morgantown, WV



**MATTHEW S. BREAKEY, AIA,
LEED-AP**
PRINCIPAL
ARCHITECT
mbreaky@alphaaec.com

- Upshur County Senior Opportunity Center Renovation and Addition; Buckhannon, WV
- Summersville Municipal Building; Summersville, WV
- Hart Field Air Rescue Fire Fighting Building; Morgantown, WV
- Bruceon Bank, Sabraton Branch; Morgantown, WV
- Camp Dawson Billeting Facilities; Kingwood, WV

EMPLOYMENT HISTORY

PRIVATE INDUSTRY:	1998 – Current	Alpha Associates, Incorporated
	1994 – 1998	West Virginia University Physical Plant Engineering and Construction
	1992 – 1994	West Virginia University Facilities Planning Management

EDUCATION

UNDERGRADUATE:	Pennsylvania State University Bachelor of Architecture; 1992 Bachelor of Science in Architecture; 1991
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QUALIFICATIONS

LICENSE:	Registered Architect; West Virginia; Maryland NCARB Certified Leadership in Energy and Environmental Design Accredited Professional
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AFFILIATIONS

PROFESSIONAL:	American Institute of Architects West Virginia Society of Architects The Council of Educational Facility Planner International U.S. Green Building Council
CIVIC:	Main Street Morgantown Board of Directors; Past President Main Street Morgantown Design Committee; Member Chestnut Ridge Park Board; Past President





CHARLES B. BRANCH, PE PRINCIPAL CIVIL ENGINEER cbranch@alphaaec.com	
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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/Storm Water Management Design
- Site Engineering
- Project Management

PROFESSIONAL HIGHLIGHTS

Highway Design:

- Blackshere Bridge - Mannington, WV
- I-68 Welcome Center - Hazelton, WV
- I-77 Information Center - Williamstown, WV
- Lewis County High School Bridge - Weston, WV
- Wyoming County Route 10 Relocation - Wyoming County, WV

Commercial Site Plans:

- West Virginia High Technology Consortium - Fairmont, WV
- West Virginia University Alumni Center - Morgantown, WV
- WVU Health Sciences Center Eastern Division - Martinsburg, WV
- Residence Inn - Morgantown, WV
- FFCU - Charles Pointe - Bridgeport, WV

Recreational Facilities Projects:

- Wyoming County Westside High School Athletic Facilities - Wyoming County, WV
- East/West Stadium Turf Replacement - Fairmont, WV
- Washington High School Athletic Complex - Charles Town, WV

Educational Projects:

- Anna Jarvis Elementary School - Grafton, WV
- Lewis County High School - Weston, WV
- Wyoming County East High School - Wyoming County, WV
- Wyoming County Westside High School - Wyoming County, WV
- Washington High School - Charles Town, WV



CHARLES B. BRANCH, PE
PRINCIPAL
CIVIL ENGINEER
cbranch@alphaaec.com

EMPLOYMENT HISTORY

PRIVATE INDUSTRY: 1992 - Present Alpha Associates, Incorporated
1988 - 1992 Reimer, Muegge, & Associates, Inc.

EDUCATION

UNDERGRADUATE: Fairmont State College
BS - Architectural Engineering Technology 1988
West Virginia University
BS - Civil Engineering 2000

QUALIFICATIONS

LICENSE: Professional Engineer
West Virginia



ARCHITECTS • ENGINEERS • SURVEYORS



CHARLES B. LUTTRELL, PE, SECB
PRINCIPAL
PROFESSIONAL ENGINEER
STRUCTURES
cluttrell@alphaaec.com

SUMMARY

Mr. Luttrell has worked with Alpha Associates, Inc. since 1996. He is the chief structural engineer for Alpha 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 West Virginia University Constructed Facilities Center. Since coming to Alpha, Mr. Luttrell has had a significant involvement in the effort to begin utilizing modern composite materials in practical bridge applications. Two recent Alpha bridge projects have been designed using these innovative materials.

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:

- Hazel Ruby McQuain Amphitheater Roof, Morgantown, WV
- West Buckeye Bridge, Core, WV
- South Jefferson High School, Charles Town, WV
- WVU Coliseum Asbestos Abatement Project (Scaffolding Design and Dome Structural Inspection); Morgantown, WV
- Morgantown Airport Air Rescue and Firefighting Building; Morgantown, WV
- WVU Coliseum Scoreboard Hoist Project; Morgantown, WV

PROJECT MANAGER:

Bridge Design:

- Blackshere Bridge; Mannington, WV
- South High Street Bridge; Morgantown, WV
- Market Street Bridge; Wheeling, WV
- West Buckeye Bridge; Core, WV
- Simpson Creek Covered Bridge; Marion County, WV
- Fletcher Covered Bridge; Marion County, WV
- Elkins Bypass, Spur A Bridge; Elkins, WV



CHARLES B. LUTTRELL, PE, SECB
PRINCIPAL
PROFESSIONAL ENGINEER
STRUCTURES
cluttrell@alphaaec.com

EMPLOYMENT HISTORY

PRIVATE INDUSTRY: 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

GRADUATE: West Virginia University
MS – Structural Engineering; 1995

UNDERGRADUATE: West Virginia University
BS – Civil Engineering; 1993

QUALIFICATIONS

LICENSE: Professional Engineer:
West Virginia, Maryland, Pennsylvania

AFFILIATIONS

PROFESSIONAL: West Virginia Society of Professional Engineers
National Society of Professional Engineers
Chi Epsilon; Member
American Concrete Institute; Member
Structural Engineering Certification Board

RESEARCH EXPERIENCE

STRUCTURAL: 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



SUMMARY

Ms. Key has worked in the architectural field for 30 years. Ms. Key is Project Architect/Manager for numerous architectural designs at Alpha Associates, Inc. She is involved from the programmatic stages and schematic designs all the way through construction documents to construction administration.

Prior to joining Alpha, Ms. Key initiated and developed her own architectural and interior design business. The 16 years she devoted to her own firm resulted in projects ranging in size from 450 to over 40,000 square feet of space and located in 20 states across the country.

PROFILE

Broad-based responsibilities in the following areas:

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

PROFESSIONAL HIGHLIGHTS

ALPHA ASSOCIATES

Educational Facilities:

- WVU South Agricultural Sciences; Morgantown, WV
- Prichard Hall Renovation; Fairmont State College; Fairmont, WV
- Washington High School; Jefferson County, WV
- WVU CRRB Renovation, 5th and 7th Floors; Morgantown, WV
- WVU Boreman Hall, Boreman Bistro; Morgantown, WV

Financial Institutions:

- Bruceton Bank; Glenmark Centre; Morgantown, WV
- Bruceton Bank Renovation; Bruceton Mills, WV
- Centra Bank; Wharf District; Morgantown, WV

Industrial Facilities:

- Hart Field Airport Maintenance Facility; Morgantown, WV
- Norwood Fire Station; Morgantown, WV
- FMW Composites, Inc.; Bridgeport, WV
- Hart Field Airport Terminal Renovation; Morgantown, WV

Medical Facilities:

- Ruby Memorial Hospital Emergency Addition; Morgantown, WV
- Fairmont Clinic Feasibility Study; Fairmont, WV



Residential Architectural Design:

- Augusta Apartments; Morgantown, WV

Historic Renovations:

- Cass Club House; Cass, WV
- Berkeley Springs Bath House; Berkeley Springs, WV

Miscellaneous Architectural Design:

- West Virginia Medal of Honor Recipients Plaza; Hazelton, WV
- Hazel Ruby McQuain Riverfront Park Amphitheater Roof; Morgantown, WV
- Municipal Building; Whitehall, WV
- Monongalia County Family Court; Morgantown, WV

EMPLOYMENT HISTORY

PRIVATE INDUSTRY:	2000 - Current	Alpha Associates, Incorporated
	1983 - 1999	Environmental Planners and Associates, LTD; President
	1978 - 1983	Webster Clothes; Director of Store Planning

EDUCATION

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

QUALIFICATIONS

LICENSE:	Registered Architect West Virginia, Maryland, Washington DC, New York, Virginia, Pennsylvania National Council of Interior Design Qualifications Certificate Holder Leadership in Energy and Environmental Design Accredited Professional
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AFFILIATIONS

PROFESSIONAL:	American Institute of Architects; Member AIA Liveable Communities; Board Member
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CIVIC:	Fairmont, WV IBC Board of Appeal; Board Member
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SUMMARY

Mr. Pritts joined the Alpha Associates staff in the Morgantown office in 2004. In 2008 he received his LEED Accredited Professional Certification and Construction Document Technologies 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 and programmatic development.

PROFILE

Broad-based responsibilities in the following areas:

- Educational Design
- Programmatic Development
- Civic Design
- Commercial Design
- Green Building Design

PROFESSIONAL HIGHLIGHTS

ALPHA ASSOCIATES

Architectural Design:

- Potomac State College, ADA Connector Link; Keyser, WV
- Potomac State College, Library Façade Replacement; Keyser, WV
- Fairmont Federal Credit Union, Charles Pointe; Bridgeport, WV
- Washington High School; Charles Town, WV
- WVU Engineering Sciences, East Wing Addition; Morgantown, WV
- Ridgeley Community Center; Ridgeley, WV
- Jefferson County Emergency Services Agency; Ranson, WV

EMPLOYMENT HISTORY

PRIVATE INDUSTRY:	2004 - Current	Alpha Associates, Incorporated
	2003 - 2004	Marshall Craft Associates, Baltimore, MD

EDUCATION

UNDERGRADUATE:	Virginia Tech
	Bachelor of Architecture; 2004



QUALIFICATIONS

LICENSE/CERTIFICATIONS: Registered Architect:
West Virginia, Maryland
National Council of Architectural Registration Boards Certificate
Leadership in Energy and Environmental Design Accredited
Professional
Construction Specification Institute – Construction Document
Technologist

AFFILIATIONS

PROFESSIONAL: AIA Member
USGBC – US Green Building Council
AUGI – Autodesk User Group International
Construction Specification Institute



MILLER ENGINEERING, INC.

SUMMARY

Miller Engineering, Inc. (MEI) provides professional services to facility owners and operators, architects, and contractors throughout West Virginia, Pennsylvania and Western Maryland. MEI services range through all facets of mechanical, electrical, and plumbing design as well as construction administration and project management. We utilize the abilities of designers with many years experience in their area of expertise, teamed with younger designers on a “best resource for the project approach”. We also provide project management services at levels ranging from general oversight to complete project delivery through all phases of design and construction. Our personnel have worked in both the private and public sector and are familiar with many methods of project delivery from classic design/bid/build to full design/build with partnering.

MEI has developed the following philosophy to guide the performance of its services:

- Provide superlative design services to our clients in new construction, renovations, and daily operations.
- Perform work in a timely, accurate, and professional manner.
- Present multiple alternative and solutions whenever possible.
- Work with our clients to control first and life cycle costs.
- Be a technical “sounding board” for our clients in all situations.
- Strive to maintain professional competency through continuing education and training.

MEI utilizes a “practical application” approach to all projects throughout the design process to provide a “well rounded” result. This methodology emphasizes the best overall solution, meeting all the client’s needs, instead of just the best technical solution. We believe our small size provides a distinct advantage to our clients and affords us the freedom to easily team with the clients to achieve the overall best possible result.

PROJECT: NEW SPORTS PERFORMANCE CENTER
OWNER: PRO PERFORMANCE, Morgantown, WV



MEP TECHNICAL HIGHLIGHTS:

Total Project Budget:
\$8M

MEP Budget:
\$800K

Facility Area:
28,800 ft²

Services Provided:
*Facility and Site,
Mechanical, Electrical,
Plumbing, Specialized
HVAC*

Project Status:
Complete

**Project Completion
Date:**
October 2006

The project was a design-build teamed effort with the Owner, Contractor, and MEI. The HVAC systems include heating and cooling except for the soccer field which is heated using an air rotation unit. The facility houses an indoor water therapy area which had unique requirements for air systems and a 48 deg F cold immersion tub. A chiller was used to accommodate the cold tub and process the rejected heat from dehumidification. The electrical system incorporates the current needs along with future owner requirements by use of a de-centralized electric distribution system. The lighting control for the soccer field required a high level of control to adjust the artificial lighting to the daytime natural light available.



Rendering Courtesy of ALPHA

PROJECT DESCRIPTION:

The 28,800 ft² facility incorporates a medical office facility with a gymnasium, sports performance area, and an indoor regulation soccer field. It is reportedly the most state of the art facility in terms of equipment, facilities and staff within a six state region.

REFERENCE:

Ron Lytle, Lytle Construction
1132 Hampton Rd
Morgantown, West Virginia 26505
304-692-6380

MEP TECHNICAL HIGHLIGHTS:

Total Project Budget:
\$13.5M

MEP Budget:
\$3.8M

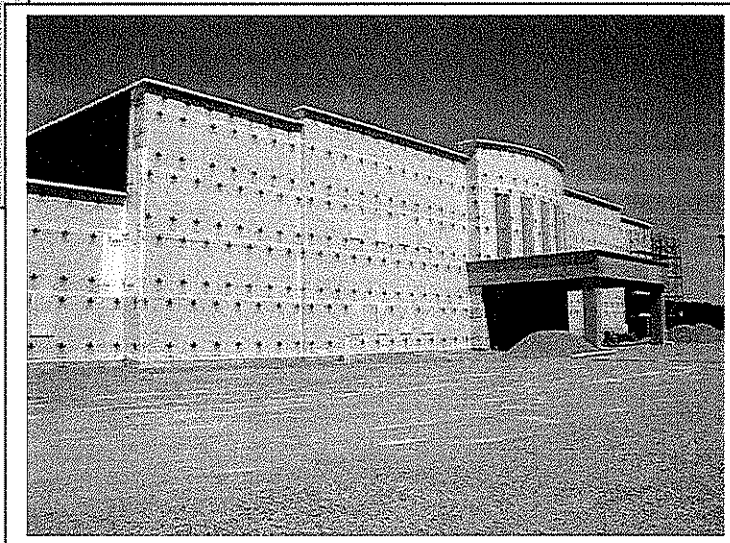
Facility Area:
67,000 ft²

Services Provided:
*Mechanical, Electrical,
Plumbing, Medical
Gases, Fire Protection,
Fire Alarm, Nurse Call*

Project Status:
In Construction

Project Completion
Date:
Spring 2010

The HVAC systems serving the suites are redundant; utilizing laminar air distribution, high level filtration, and UV in the air handling units. For energy efficiency, the ORs have the ability to “step down” their airflow in unoccupied mode while meeting pressurization standards. Either a simple pushbutton or the control system schedule returns the OR to design flow conditions. At the Owner’s request, the HVAC systems were design as smaller de-centralized systems to reduce the impact of system repair and maintenance. A complete NFPA 70 compliant emergency power system, medgas system, nurse call system, and fire alarm system were part of the scope of professional services. The facility has received regulatory approval and is under construction at this time.



PROJECT DESCRIPTION:

The project is a 67,000 sq. ft. design-build orthopedic hospital with a 5 OR suite surgery center including: Pre-Op, PACU, Phase II, and 21 patient rooms. The facility includes all supporting service such as dietary, diagnostic imaging (X ray, MRI, etc), lab, pharmacy, offices, and associated central and public spaces. The surgery suites are sized such and are mechanically capable of any surgery procedure through Orthopedic and open heart surgery.

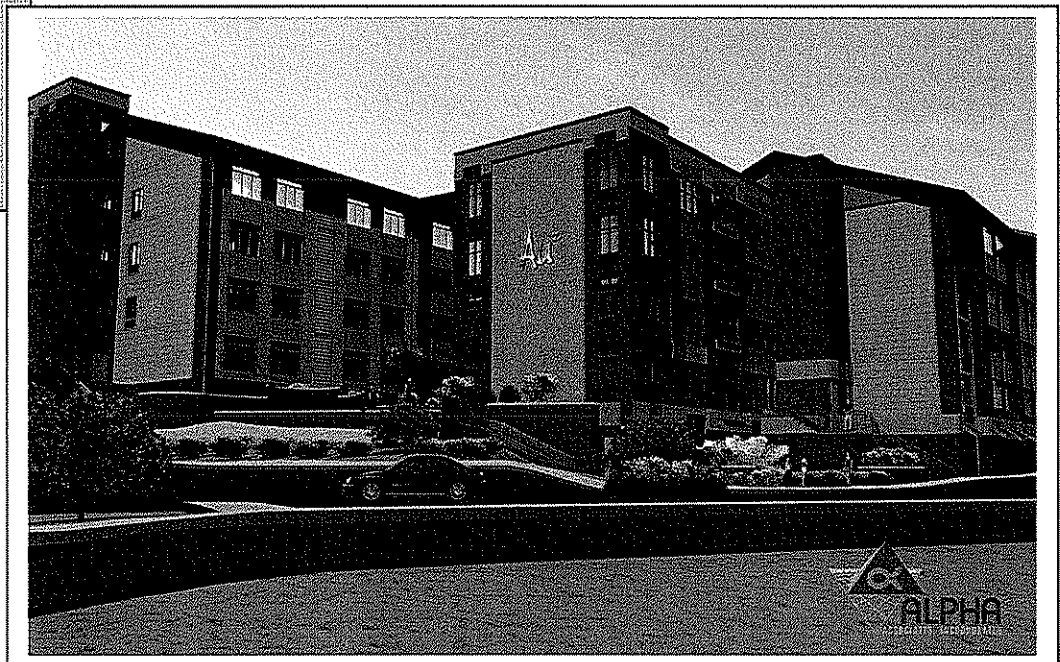
REFERENCE:

Richard Briggs, Lutz, Briggs Associates
Mercer, PA
724-758-5455

MEP TECHNICAL HIGHLIGHTS:

Total Project Budget	\$10M
MEP Budget	\$3.5M
Facility Area	150,862 SF
Services Provided:	Facility and Site, Mechanical, Electrical, Plumbing, Fire Protection, Fire Alarm
Project Status	Complete
Project Completion Date	August 2007

The 150,000 ft² facility incorporates modular construction which presented many design challenges. The HVAC systems are independent to each unit and had to be accomplished in a minimum footprint within each apartment. An underground parking garage added to the mechanical and fire protection complexity. The Fire protections systems presented a unique challenge as the apartment systems were installed at the modular factory and had to coordinate with the hallway header piping on site. The fire protection system incorporates both wet and dry systems. The building water, electric, and tel/dat/cable utilities each required special attention and coordination with the service providers. The construction has proceeded as designed with only minor issues for resolution.



Rendering Courtesy of ALPHA

PROJECT DESCRIPTION:

The Augusta Project is a 157 unit, 293 bed apartment complex located proximate to the WVU downtown campus. The urban inspired apartments are configured for maximum efficiency and use of space. The facility boasts underground parking, several social areas, centralized security systems, and limited retail area.

REFERENCE:

Richard Colebank PE, Alpha Associates
209 Prairie Ave.
Morgantown, West Virginia 26505
304-296-8216



B. CRAIG MILLER, PE, LEED-AP
PRESIDENT
ENGINEER IN RESPONSIBLE CHARGE

EDUCATION Bachelor of Science in Mechanical Engineering,
West Virginia University - 1995
Bachelor of Arts in Mass Communication,
University of Charleston (WV) - 1988

REGISTRATIONS Professional Engineer, West Virginia
Professional Engineer, Pennsylvania
Professional Engineer, Maryland

QUALIFICATIONS Craig has more than 10 years' experience in the design, specification, and construction/ project management of mechanical, electrical, and plumbing systems and 10 years experience in facilities operations, maintenance, and management. He specializes in retrofits and upgrades to existing systems and what he terms "operational engineering" or implementing changes to, while maintaining the operational requirements of, a facility or system. He has worked extensively in the educational/ institutional environment including spending several years as a systems mechanic performing various trades work prior to obtaining his engineering education. His trades work gives him a distinctive "hands on" approach to engineering application and design.

Prior to founding MEI, Craig worked as a staff engineer for Casto Technical Service (Trane) performing engineering evaluation and design on various mechanical system upgrades including: Marion County Courthouse, Davis & Elkins Student Union, Charleston Area Medical Center, Women's and Children's Hospital, and Wetzel County Hospital. Preceding his time with Casto Technical, Craig spent two years at Uniontown Hospital as Assistant Director of Engineering. He managed the day-to-day operations of maintenance personnel, managed projects and performed operational engineering service to the facility mechanical, electrical, and plumbing systems. His principal operational engineering foci were the hospitals' steam, chilled water, air handling infrastructure and their associated control systems. He managed real-time upgrade projects to the hospital facilities and the full



accreditation review of hospital systems operation and maintenance.

Craig worked as a staff engineer at West Virginia University Physical Plant for six years. During that time he managed multiple facility and infrastructure upgrade projects, performed engineering design, assisted maintenance personnel with operational issues, and managed the University's Energy Program. Additionally, he served as the Owner's design review engineer on approximately \$130 million in new capital construction. Craig's WVU projects included mechanical, electrical, plumbing, infrastructure, control, and energy systems repair and maintenance totaling approximately \$20 million.

Prior to his position at WVU, Craig worked in operations and facility maintenance for the Morgantown Board of Parks and Recreation while attending the WVU School of Engineering. He performed mechanical and electrical systems maintenance duties and associated engineering design work while helping to maintain and upgrade the park systems' facilities. Craig started his mechanical systems career as an apprentice and then as a maintenance systems mechanic in the Physical Plant at the University of Charleston.



Robert L Angus
Project Construction Representative
Miller Engineering, Inc.

EDUCATION

West Virginia University 1991-1996
Recreation & Parks Administration

Mon County Technical Education Center 1997-1998
Commercial/Residential HVAC Technology

CERTIFICATIONS

Licensed WV Contractor
Licensed Electrician
Licensed Master Plumber
Licensed HVAC Technician
Licensed Swimming Pool Operator

QUALIFICATIONS

Robert has more than 10 years experience in commercial facilities operation/management. Prior to working for MEI, Rob worked for the city of Morgantown, where he operated/maintained 2 commercial swimming pools, 2 waterslides, an Interactive Water Play Facility, and an Ice Rink.

Following Employment with the City of Morgantown, Rob founded Angus Contracting LLC in 2000. His company specialized in residential/commercial construction, HVAC, Electric, and Plumbing. Angus Contracting has completed projects including 10000 sq ft industrial buildings, Commercial Swimming Pool Repair/Retrofits, Commercial HVAC Retrofits involving multiple roof-top units, and all facets of residential construction.

During his employment with Miller Engineering Inc, Rob has performed construction administration on various projects involving all aspects of Mechanical Engineering/Construction totaling in excess of 15 million dollars.

Client References

ALPHA ASSOCIATES,
INCORPORATED
Firm Profile

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Client References

Recently Constructed Projects

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

John Sommers, Senior Construction Projects Manager
West Virginia University
PO Box 6572
Morgantown, WV 26505
304-293-2856

Mr. Leonard Lewis, Director
West Virginia University
Robert C. Byrd Health Sciences Center
G350 Health Science Center South
Morgantown, WV 26506
304-293-4832

Glen Kelly, Director
Morgantown Municipal Airport
100 Hart Field Drive
Morgantown, WV 26505
304-291-7461

Brian Thomas, President
Clear Mountain Bank
PO Box 205
Bruceeton Mills, WV 26524
304-379-2265

