

June 17, 2010



RECEIVED

2010 JUN 16 P 12:20

ACQUISITION DIVISION
STATE OF WV

West Virginia Army National Guard
Buckhannon Field Maintenance Shop
Architectural/Engineering Services
RFQ #DEFK10020

Table of Contents

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5	Miller Engineering



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
 DEFK10020

PAGE
 1

ADDRESS CORRESPONDENCE TO ATTENTION OF
 BUYER 32
 304-558-2544

RFQ COPY

TYPE NAME/ADDRESS HERE

Alpha Associates, Incorporated
 209 Prairie Avenue
 Morgantown, WV 26501

DIV ENGINEERING & FACILITIES
 ARMORY BOARD SECTION

1707 COONSKIN DRIVE
 CHARLESTON, WV
 25311-1099 304-341-6368

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
05/21/2010				

BID OPENING DATE: 06/17/2010 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB		906-29		
BUCKHANNON FIELD MAINTENANCE SHOP THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA ARMY NATIONAL GUARD, IS SOLICITING EXPRESSIONS OF INTEREST FOR PROFESSIONAL ARCHITECTURAL ENGINEERING SERVICES FOR THE BUCKHANNON FIELD MAINTENANCE SHOP IN UPSHUR CO., WEST VIRGINIA, PER THE FOLLOWING BID REQUIREMENTS AND ATTACHED SPECIFICATIONS. BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.						
***** THIS IS THE END OF RFQ DEFK10020 ***** TOTAL:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>[Signature]</i>	TELEPHONE 304-296-8216	DATE June 14, 2010
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'

RFQ No. DEFK10020

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 owned 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 exceeds 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: [Handwritten Signature] Date: 6-15-10

State of West Virginia

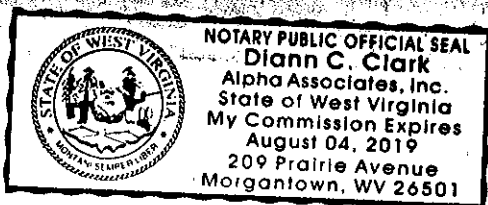
County of Monongalia, to-wit:

Taken, subscribed, and sworn to before me this 15th day of June, 2010.

My Commission expires August 4, 2019.

AFFIX SEAL HERE

NOTARY PUBLIC [Handwritten Signature: Diann C. Clark]





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

Request for Quotation

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ADDRESS CORRESPONDENCE TO ATTENTION OF
**BUYER 32
 304-558-2544**

VENDOR

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

SHIP TO

**DIV ENGINEERING & FACILITIES
 ARMORY BOARD SECTION**

**1707 COONSKIN DRIVE
 CHARLESTON, WV
 25311-1099 304-341-6368**

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
05/25/2010				

BID OPENING DATE: **06/17/2010** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
***** ADDENDUM NO. 1 *****						
ADDENDUM ISSUED FOR THE BUCKHANNON FIELD MAINTENANCE SHOP DESIGN CONTRACT TO CORRECT THE PROJECT LOCATION AS STATED IN SECTION 1.2 OF THE EXPRESSION OF INTEREST PROJECT IS LOCATED IN BUCKHANNON, WV, WITH AN ESTIMATED 32,955 SQUARE FOOTAGE.						
BID OPENING DATE AND TIME REMAIN 06/17/2010 AT 1:30 PM.						
***** NO OTHER CHANGES *****						
0001	1	JB		906-29		
BUCKHANNON FIELD MAINTENANCE SHOP						
***** THIS IS THE END OF RFQ DEFK10020 ***** TOTAL: _____						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>[Signature]</i>	TELEPHONE 304-296-8216	DATE June 14, 2010
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'



ARCHITECTS • ENGINEERS • SURVEYORS

June 17, 2010

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

Attn: Mr. Chuck Bowman

**Re: Expression of Interest – Architectural and Engineering Services
RFQ # DEFK10020 – Buckhannon Field Maintenance Shop**

Dear Mr. Bowman,

Alpha Associates, Incorporated is pleased to submit this Expression of Interest to provide professional architectural and engineering design services for the West Virginia Army National Guard Buckhannon Field Maintenance Shop located in Upshur County, West Virginia.

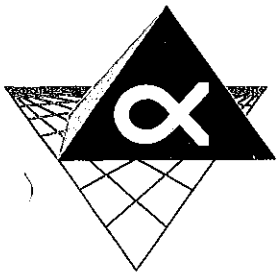
EXPERIENCE

Alpha has provided architectural and engineering design services throughout West Virginia for over 41 years. We have completed projects similar to yours in the past. For example, Alpha completed the design of an 11,180 square foot Vehicle Maintenance Facility for the U.S. Postal Service, as well as two projects for the U.S. Army Corp of Engineers that included the design of a training building and an organizational maintenance shop for the Rainelle, WV and Beckley, WV locations. These projects along with many other private projects provide us with the necessary experience to successfully complete your project.

Alpha is familiar with working with the WV Army National Guard, as we are recently completed a renovation project at the current Parkersburg Armory. We will use the knowledge and experience we have gained from past projects to ensure your satisfaction and the success of your new field maintenance shop. Detailed information on the above projects and other related experience can be found in the "Alpha Experience" section of this proposal.

DESIGN TEAM

Alpha was established in 1969 in Morgantown, West Virginia. Our firm is a multi-discipline design firm that provides the following services:



- Architectural Design
- Civil and Structural Engineering
- Interior Design
- Landscape Design
- Surveying
- Construction Administration

We have a staff of 37 professionals and support staff that will be dedicated to the success of your Field Maintenance Shop. Alpha's staff also includes LEED Accredited professionals who will be valuable in designing your new facility with cost effective energy conserving features. Even if certification is not desired, LEED principals may be used to design a cost effective project that performs well in the future energy environment.



Alpha has chosen Miller Engineering, Inc. located in Morgantown, WV to provide Mechanical, Electrical and Plumbing Engineering design services as part of our team. Alpha Associates and Miller Engineering have produced multiple projects together over the past several years. We are currently working together on the West Virginia Army National Guard project for the Parkersburg Armory. Miller's focus on maintainable systems provides us with an excellent addition to the team.

SUMMARY

Our team has the ability, capacity and experience to successfully complete all aspects of your project. Our currently workload will allow us to begin the design immediately upon your approval. We look forward to discussing this project in more detail with you. If you have any questions please contact me at 304-296-8216 x101.

Sincerely,
ALPHA ASSOCIATES, INCORPORATED

Richard A. Colebank, PE, PS
President and COO
rcolebank@alphaaec.com



Firm Profile

Alpha Associates, Incorporated

Firm Name: Alpha Associates, Incorporated

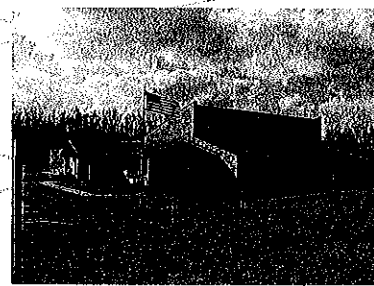
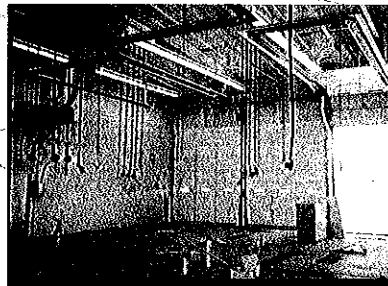
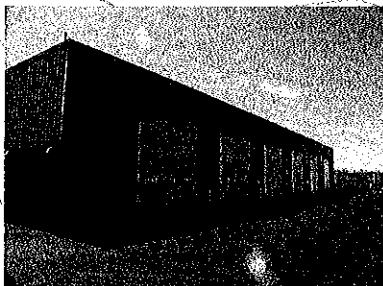
Corporate Office: 209 Prairie Avenue
Morgantown, West Virginia 26501

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, SECB; Principal
Steven V. Buchanan, PE, PS; Principal
Matthew S. Breakey, AIA, LEED-AP; Principal
Charles B. Branch, PE; Principal

Number of Employees: 37 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.



Airport Case Studies

Project Description

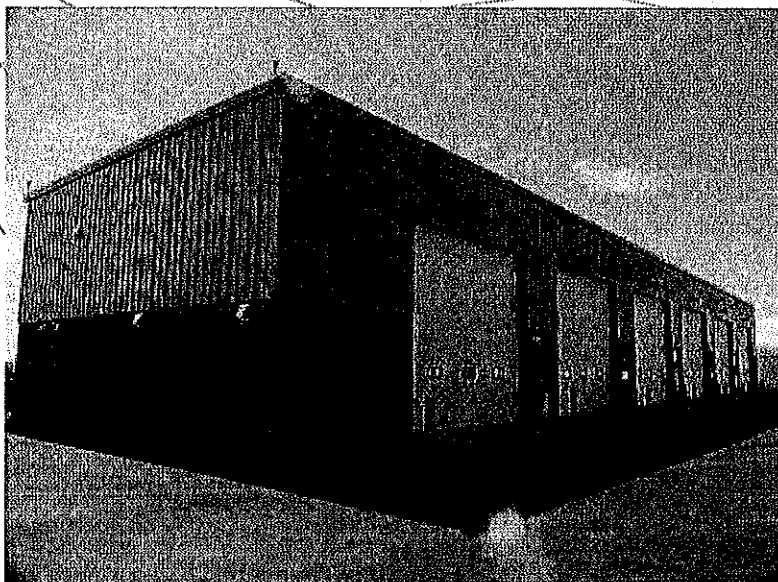
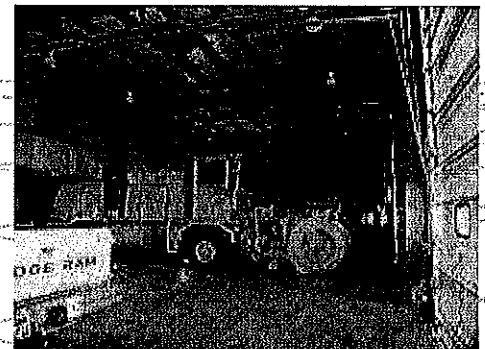
Morgantown Municipal Airport Maintenance Building Morgantown, WV

Alpha Associates, Incorporated designed and provided construction administration for the Hart Field Maintenance Building. The building provides garage and storage for the airport's snow-blowing and lawn-cutting machines. This project features six high-bay areas with one maintenance/repair pit. The balance of the area consists of auxiliary spaces such as dry and liquid storage, overhead crane hoist with access to a storage mezzanine. The building was constructed using split face block and metal panels over a pre-engineered steel rigid frame metal building.

ZDS Design provided Mechanical and Electrical Engineering Design for this project.

At A Glance..

- 1 Client:
City of Morgantown
- 2 Location:
Morgantown, WV
- 3 Completion Date:
2005
- 4 Size:
8000 SF
- 5 Construction Cost:
\$850,000



Miscellaneous Case Studies

Project Description

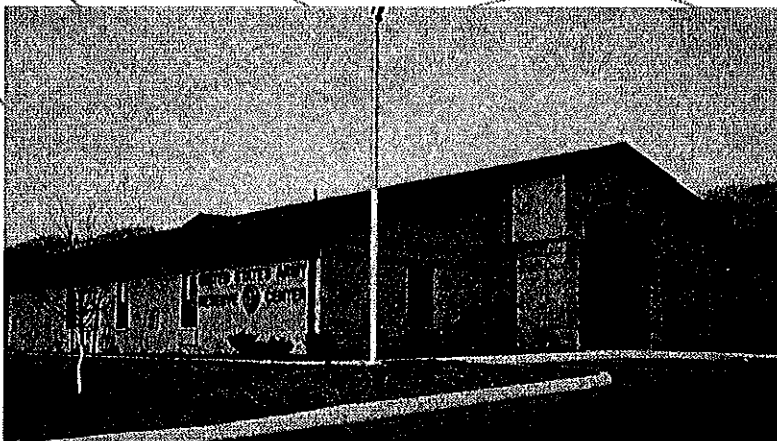
U.S. Army Reserve Center Rainelle, WV

Alpha Associates, Incorporated provided Architectural and Engineering Design for a Training Building and Organizational Maintenance Shop (OMS) at the U.S. Army Reserve Center in Rainelle, West Virginia. The Training Building is a 19,492-sf split face concrete block with accent bands and includes offices, a multi-purpose room, classrooms, offices, library, food storage and preparation areas, training centers, rifle range for three shooters with bullet trap, an arms vault and unit storage areas.

The 7,523-sf OMS houses two double work bays and one double wash bay, storage areas, support offices, hazardous materials storage area and mechanical and battery rooms. Services for this U.S. Army Corps of Engineers contract also included site planning, utilities, road and parking lot design for this 5-acre U.S. Army Reserve Center in Greenbrier County, West Virginia.

At A Glance..

- 1 **Client:**
U.S. Army Corp of Engineers
- 2 **Location:**
Rainelle, WV
- 3 **Completion Date:**
1994
- 4 **Size:**
19,492 SF Training Bldg.
7,523 SF OMS
- 5 **Construction Cost:**
\$5.4 Million
- 6 **Project Relevance:**
 - Maintenance facilities
 - Federally funded



Architectural Case Studies

Project Description

Jenkins Ford-Mercury Buckhannon, WV

Alpha Associates, Incorporated provided architectural services for this new automobile dealership in Buckhannon, WV. This state of the art facility utilized our engineers, landscape designer and architects. The entire building structural frame and portions of the siding and roofing are custom designed pre engineered metal building components.

At A Glance..

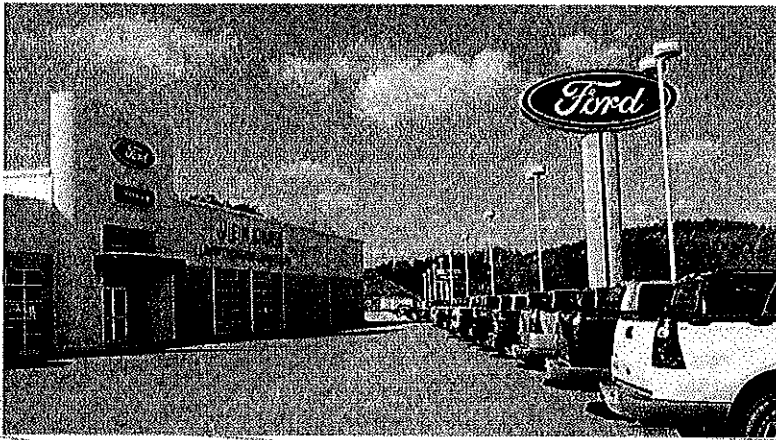
- 1 Client:
Jenkins Ford-Mercury
- 2 Location:
Buckhannon, WV
- 3 Completion Date:
2001
- 4 Size:
39,673 SF
- 5 Construction Cost:
Private Client



Architectural Case Studies

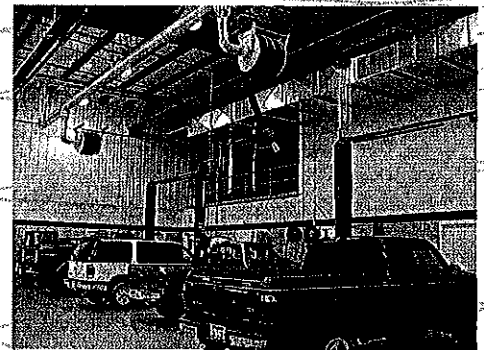
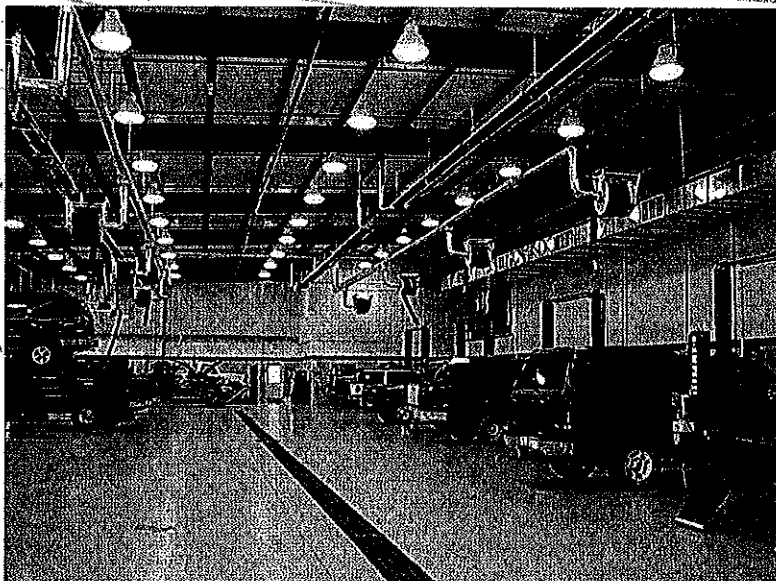
Project Description

Jenkins Ford-Mercury Buckhannon, WV



At A Glance..

- 1 Client:
Jenkins Ford-Mercury
- 2 Location:
Buckhannon, WV
- 3 Completion Date:
2001
- 4 Size:
39,673 SF
- 5 Construction Cost:
Private Client



Architectural Case Studies

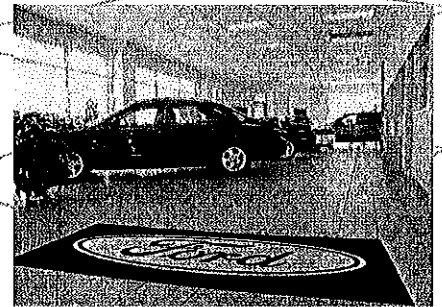
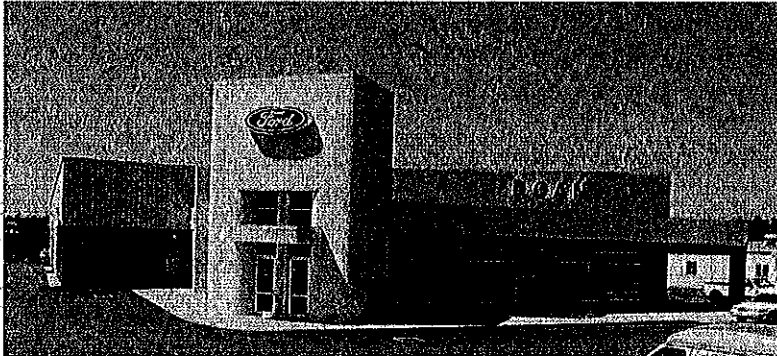
Project Description

Doan Ford Belmont, OH

Alpha Associates, Incorporated provided architectural services for this new automobile dealership in Belmont, Ohio. This 22,700-square foot dealership was completed in October 2003. Portions of the building structural frame, roofing and siding are custom designed pre-engineered metal building component.

At A Glance..

- 1 Client:
Doan Ford
- 2 Location:
Belmont, OH
- 3 Completion Date:
October 2003
- 4 Size:
22,700 SF
- 5 Construction Cost:
Private Client
- 6 Project Relevance:
 - Garage and maintenance facilities
 - Storm water design



Miscellaneous Case Studies

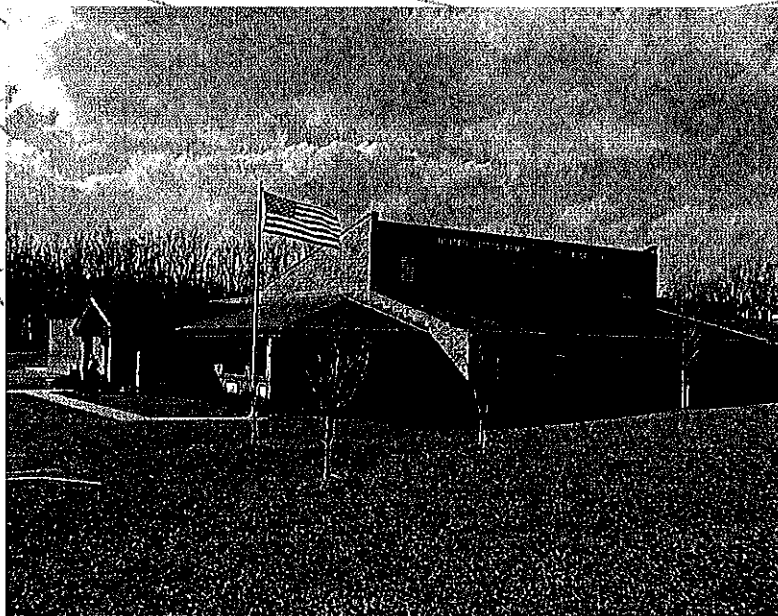
Project Description

**U.S. Army Reserve Center
 Beckley, WV**

Alpha Associates, Incorporated provided architectural and engineering design for a Training Building and Organizational Maintenance Shop at the U.S. Army Reserve Center in Beckley, West Virginia. The Training Building is 28,000 SF and includes offices, a multi-purpose room for general assemblies, drill formations and dining, library, food preparation area, rifle range, and arms vault and storage area. The 2,700 SF OMS houses a work and wash bays, storage areas, support offices, hazardous materials storage area and mechanical and battery rooms. Services for this U.S. Army Corps of Engineers contract also included site planning, utilities, road, and parking lot design for this 10-acre Reserve Center at the Raleigh Memorial Airport Industrial Park.

At A Glance...

- 1 **Client:**
U.S. Army Corps of Engineers
- 2 **Location:**
Beckley, WV
- 3 **Completion Date:**
1994
- 4 **Size:**
28,000 SF Addition
2,700 SF Addition
- 5 **Construction Cost:**
\$5.4 Million
- 6 **Project Relevance:**
 - Architectural design
 - Maintenance facilities
 - Site planning
 - Roadway design
 - Federally funded



Miscellaneous Case Studies

Project Description

**Clarksburg Postal Facility and Vehicle Maintenance Facility
 Clarksburg, WV**

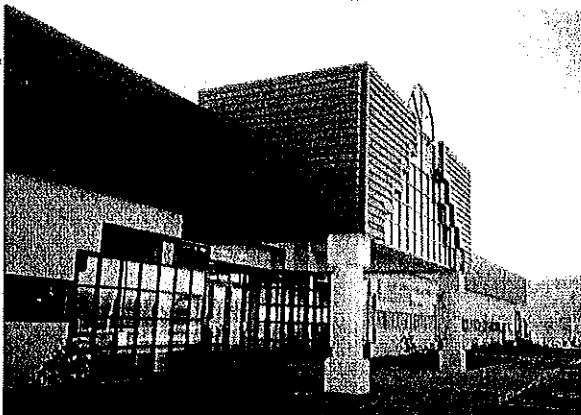
Alpha Associates, Incorporated provided architectural, structural and civil engineering design and construction administration for this \$10.5 million Mail Distribution Center. Located in a shopping mall, this facility includes a 132,550 SF General Mail Facility (GMF) and an 11,180 SF Vehicle Maintenance Facility (VMF). The facility is a single story steel frame structure with mechanical mezzanines. The partitions are steel stud with drywall and masonry at high impact areas. The roof was an adhered membrane on a series of gable roofs that formed a butterfly roof. The exterior is an insulated finish system with metal ribbed siding. The windows are in combinations to form horizontal bands at portions of the exterior. A landscaped outdoor eating area highlights the building's amenities.

The GMF consists of a 54,000 SF mail sorting/workroom with look-out galleries for security operations, and a 13,100 SF loading platform. In addition, this facility includes office space, expandable conference and training rooms, special operations, storage, maintenance, a luncheon room, lounge areas, equipment facilities, men's and women's locker rooms, restroom facilities and vault.

The VMF features a wash bay, a body shop, paint shop, diagnostic bay, a five loft service bays, office, parts and tools storage, tire repair, training and lunch room and restroom facilities. Civil-Engineering Services included an access road, complex-traffic design and parking lot.

At A Glance...

- 1 Client: U.S. Postal Service
- 2 Location: Clarksburg, WV
- 3 Completion Date: 1990
- 4 Size: 143,750 SF
- 5 Construction Cost: \$10.5 Million



Architectural Case Studies

Project Description

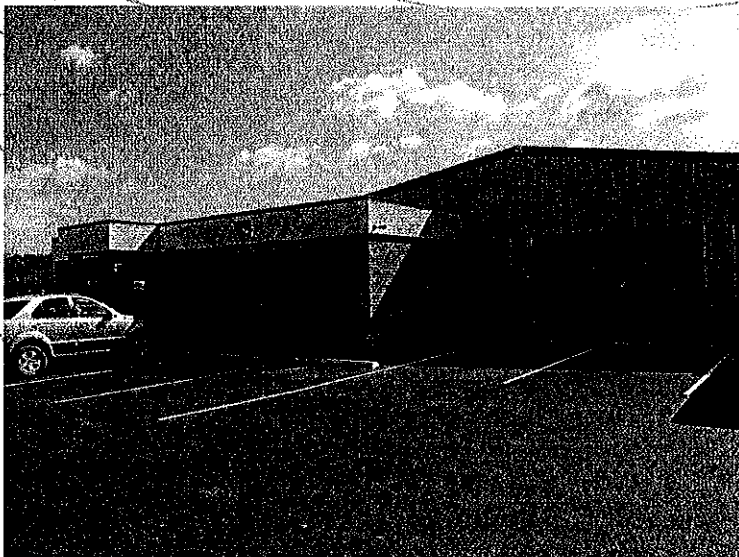
PVTA Vehicle Maintenance Facility Alterations and Additions Petersburg, WV

Alpha Associates, Incorporated provided architectural and engineering services for the Potomac Valley Transit Authority Vehicle Maintenance Facility in Petersburg, West Virginia.

The Scope of Work included a 1550 square foot addition and a 2400 square foot renovation of the existing facility.

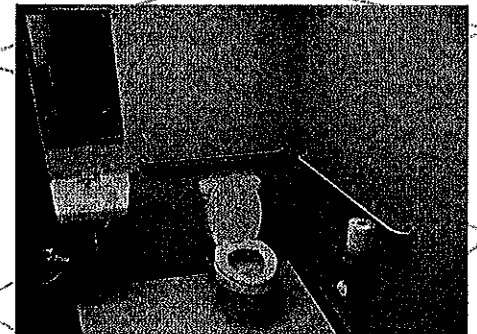
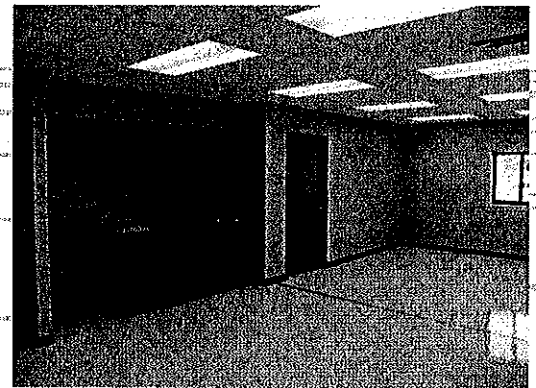
The work included:

- Selective demolition
- Three new offices
- New Workroom and storage room
- New toilets and training room
- Carpet Removal and Replacement
- Relocation of MEP Services and Security Fence



At A Glance...

- 1 Client:
WV Department of
Public Transit
- 2 Location:
Petersburg, WV
- 3 Completion Date:
2005
- 4 Size:
1550 Sq. Ft. Addition
2400 Sq. Ft. Renovation
- 5 Construction Cost:
\$456,725



Architectural Case Studies

Project Description

FMW Composite Systems Hazleton, WV

Alpha Associates, Incorporated is providing design services for a factory fit-out of an existing pre-engineered metal building shell for FMW Composite Systems. The building will house both a factory/plant facility and office facilities. The total square footage of the factory fit-out is approximately 16,200 square feet.

At A Glance...

- 1 Client:
FMW Composite
- 2 Location:
Hazleton, WV
- 3 Completion Date:
Est. 2010
- 4 Size:
16,200 SF
- 5 Construction Cost:
Private Client



Architectural Case Studies

Project Description

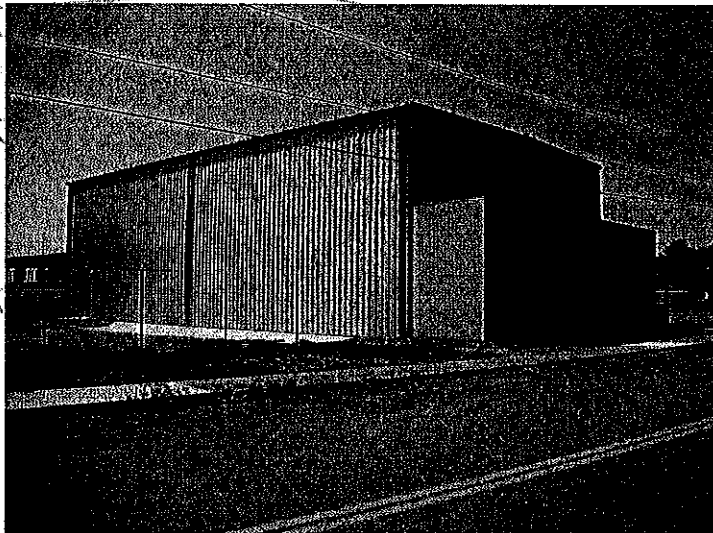
Town of Ridgeley Community Center Ridgeley, West Virginia

Alpha began the relationship with the Town of Ridgeley through a building evaluation for a potential adaptive reuse of an elementary school as a community center as part of a federal grant. The building evaluation aided the Town in determining construction cost for reuse that exceeded current funding.

As an alternative, a new building was proposed as a separate structure. The new project consists of a large multi-purpose room with support facilities including restrooms and an office. The center will provide practice space for youth basketball teams and open space that can be used for Town gatherings such as craft fairs. The design team strove to provide a quality structure that met the needs of the Town and the budget available.

At A Glance..

- 1 Client:
Town of Ridgeley
- 2 Location:
Ridgeley, WV
- 3 Completion Date:
2009
- 4 Size:
5,200 SF
- 5 Construction Cost:
Est. \$440,000



Architectural Case Studies

Project Description

Parkersburg Armory Parkersburg, West Virginia

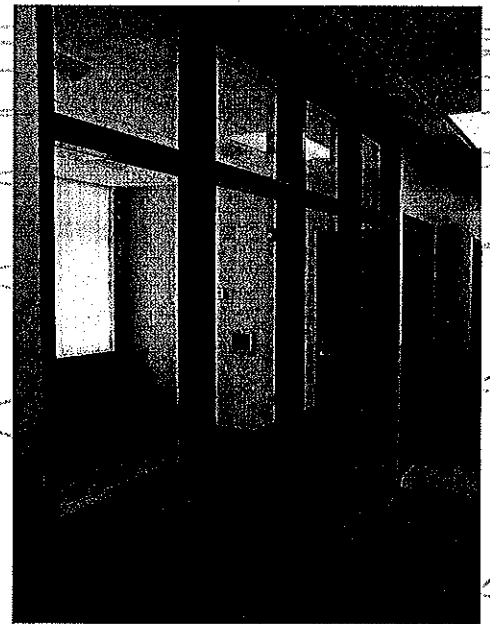
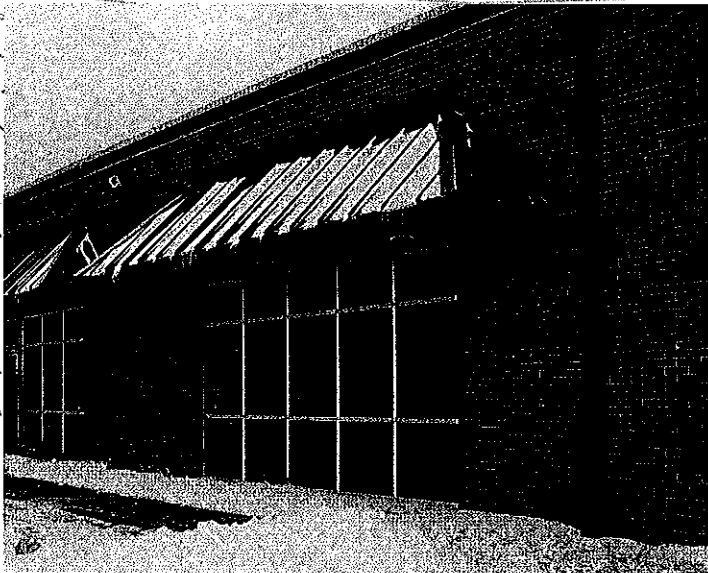
Alpha continues their relationship with the West Virginia Army National Guard with the renovation of a space currently designated as a rifle range at the Parkersburg Armory.

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

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

At A Glance...

- 1 **Client:**
WV Army National Guard
- 2 **Location:**
Parkersburg, WV
- 3 **Completion Date:**
2009
- 4 **Size:**
2400 sq. ft. renovation
200 sq. ft. addition
- 5 **Construction Cost:**
\$400,000



New Construction Case Studies

Project Description

R.E. Michel Building **Morgantown, West Virginia**

Alpha Associates, Incorporated provided Civil/Site Design, Structural Design, Surveying, and Stormwater Management for the new R.E. Michel Building to replace the building vacated in the Research Park Construction. This 11,000 square foot metal building was completed in 2006.

At A Glance..

- 1 Client:
WVU Research Center
- 2 Location:
Morgantown, WV
- 3 Completion Date:
2006
- 4 Size: 11,000 sq. ft.
- 5 Construction Cost:
Approx. 1 Million
- 6 Project Relevance:
 - Architectural Drawings
 - Civil/Site Design
 - Structural Design
 - Surveying
 - Stormwater Management





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

SUMMARY

Mr. Colebank is President and Chief Operating Officer of Alpha. 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

Project Management:

- WVU Research Park; Morgantown, WV
- Federal Bureau of Prison Hazelton Medium Security Prison; Hazelton, WV
- West Virginia Medal of Honor Recipients Plaza; Hazelton, WV
- West Virginia Division of Highways I-77 Welcome Center; Williamstown, WV
- Ices Ferry Bridge; Morgantown, WV
- Monongalia General Hospital-Expansion; Morgantown, WV
- Monongalia General Hospital Access Road; Morgantown, WV
- Airport Access Road; Morgantown, WV

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
- 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
- Prichard Hall Renovation, Fairmont State University; Fairmont, 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



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

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

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

CIVIC: Main Street Morgantown

AWARDS

DESIGN AWARDS: West Virginia Society of Architects Design Awards:
KCAD Professional Office Building
Morgantown High School
Engineering Research Building
Wheeling College Chapel





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 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:

- WVU Engineering Sciences Building East Wing Addition; Structural Design; Morgantown, WV
- WVU Alumni Center Structural Framing and Foundation Design; Morgantown, WV
- Hazel Ruby McQuain Amphitheater Roof; Morgantown, WV
- West Buckeye Bridge; Core, WV
- Washington 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



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





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

SUMMARY

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

PROFILE

Broad-based responsibilities in the following areas:

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

PROFESSIONAL HIGHLIGHTS

Educational Projects:

- WVU Parking Lot 81 Renovations; Morgantown, WV
- WVU Doll's Run Burn Room; Morgantown, WV
- WVU Alumni Center Parking Lot; Morgantown, WV
- WVU Evansdale Redevelopment; Morgantown, WV
- WVU Health Sciences Center Eastern Division; Martinsburg, WV

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
- Residence Inn; Morgantown, WV
- FFCU – Charles Pointe; Bridgeport, WV

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

AFFILIATIONS

CIVIC:	Marion County Youth Soccer Association - Coach
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THOMAS PRITTS, AIA, LEED-AP
ARCHITECT
tpritts@alphaaec.com

SUMMARY

Mr. Pritts joined the Alpha Associates staff in the Morgantown office in 2004. 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 and programmatic development.

PROFILE

Broad-based responsibilities in the following areas:

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

PROFESSIONAL HIGHLIGHTS

Architectural Design:

- Potomac State College, ADA Connector Link; Keyser, WV
- Potomac State College, Library Façade Replacement; Keyser, WV
- Potomac State College, McKee Arts Center Plaza; 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
- WVU Engineering Sciences Building, Basement Renovations; Morgantown, WV
- WV Army National Guard, Parkersburg Office Renovation; Parkersburg, WV
- Clear Mountain Bank; Reedsville, 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
Certified Construction Specifier

AFFILIATIONS

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





BRADLEY D. MILLER, PS
PARTY SURVEY CHIEF
bmiller@alphaaec.com

SUMMARY

Mr. Miller has gained experience in all phases of surveying with numerous civil engineering and site development projects throughout West Virginia and Pennsylvania. These project surveys include highway construction, power plant construction, geodetic survey control, boundary, topographic, subdivision layout, waterline construction, sanitary sewer line construction and storm drainage structure layout.

PROFILE

Broad-based responsibilities in the following areas:

- Surveying Technology
- Surveying

PROFESSIONAL HIGHLIGHTS

SURVEYING:

- WVU Old College Park Apartments, Boundary Survey; Morgantown, WV
- WVU Lot 8: Improvement, Topographic Survey; Morgantown, WV
- WVU Rawley Avenue, Construction Easement Survey; Morgantown
- WVU Engineering Sciences Building, Topographic Survey; Morgantown, WV
- Chemtura Plant 3-D.Pipe Survey; Morgantown, WV
- Power Plant Construction Surveying; Ft. Martin, WV
- Hart Field Airport – GPS Control Network, Boundary Survey and Various Construction Surveys in Menongalia County, WV.
- Augusta Project for McCoy 6, Boundary Survey; Morgantown, WV
- Greenbrier County Subdivision, Topographic and Boundary Survey; Lewisburg, WV
- Pittsburgh International Airport, GPS Control Network and Boundary Survey; Pittsburgh, PA
- PA Turnpike Commission – Findlay Connector, Stakeout References and Road Alignments; Washington County and Allegheny County, PA
- Penn DOT – Rt. 22 Widening Reconstruction, Stakeout References and Road Alignments; Indiana County and Cambria County, PA



EMPLOYMENT HISTORY

PRIVATE INDUSTRY:	2006 – Current	Alpha Associates, Incorporated
	1999 – 2006	Monaloh Basin Engineers
	1998 – 1998	Nemacolin Woodlands Resort & Spa
	1996 – 1998	Mon-Valley Surveying

EDUCATION

UNDERGRADUATE: West Virginia University
BS – Business Management – Human Resources, 1994

Potomac State College of West Virginia University
AA – Business and Economics, 1992

QUALIFICATIONS

LICENSE: Professional Surveyor
West Virginia

AFFILIATIONS

West Virginia Society of Professional Land Surveyors



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 FIBER PROCESSING FACILITY

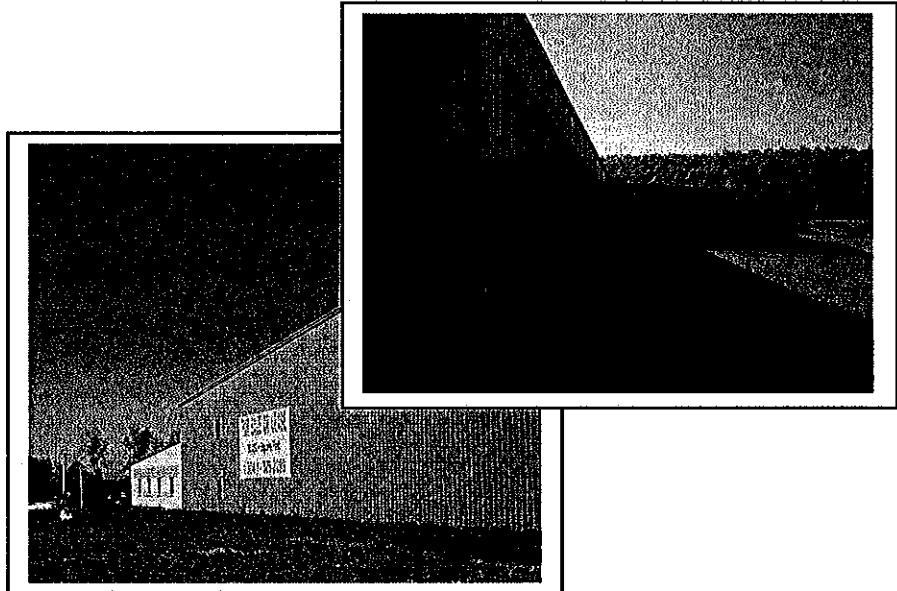
OWNER: FMW COMPOSITE SYSTEMS, Hazelton, WV



MEP TECHNICAL HIGHLIGHTS:

Total Project Budget	\$5.8M
MEP Budget	\$1.4M
Facility Area	18,000 sq. ft.
Services Provided	Facility and Site Mechanical, Electrical, Plumbing, Fire Protection
Project Status	Contract Awarded
Project Completion Date	August 2009

The facility's production process utilizes explosive Hydrogen and Propane requiring Electrical, HVAC, and Plumbing systems to be explosion proof. The project required extensive review of air movement (supply, exhaust, room-to room) within and outside the facility. The processes also use chemicals which can emit vaporous Hydrochloric Acid, requiring emergency ventilation systems. An extensive code review process was performed as well as design of a foam based fire suppression system. Process gasses flow from exterior bulk storage to the process equipment through a piping network. Significantly complexity was added as the roof structure could not support any HVAC equipment and location, footprint, and services were already established during building of the shell.



PROJECT DESCRIPTION:

The project involved incorporating a high technology production facility into a pre-fab metal building in an industrial park. The 18,000 ft² Fiber Processing Facility will house production equipment for reinforced carbon fiber. Used heavily in the aerospace and aircraft industries for its strength and light weight, carbon fiber production requires complex space conditions. The Facility also houses quality control, shipping, and a future 4000 ft² corporate office. The housing of such diverse functions in one facility required condensing boilers, multiple air systems, a chiller, and building pressurization functions to protect adjacent occupants. Emergency exhaust and spill containment systems were designed to enhance worker safety and satisfy environmental concerns.

REFERENCE:

Rob Grabow, FMW Composite Systems
1200 West Benedum Industrial Drive
Bridgeport, West Virginia 26330
304-842-1970

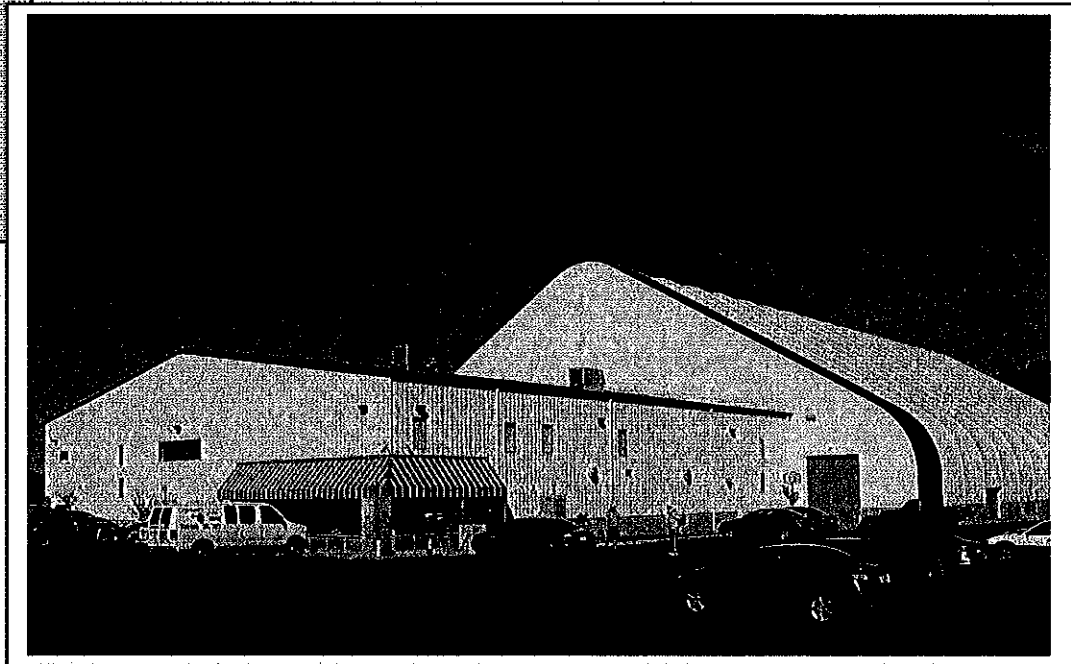
PROJECT: NEW SPORTS PERFORMANCE CENTER
OWNER: PRO PERFORMANCE, Morgantown, WV



MEP TECHNICAL HIGHLIGHTS:

Total Project Budget:	\$5M
MEP Budget:	\$500K
Facility Area:	28,800 ft ²
Services Provided:	Facilities, Mechanical, Electrical, Plumbing, Sprinkler, 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



B. CRAIG MILLER, PE
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
Miler 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.

BRANDON MERRIMAN FE
MECHANICAL DESIGNER

EDUCATION

Bachelor of Science in Mechanical Engineering
West Virginia University – May 2006

QUALIFICATIONS

Brandon is a graduate of the West Virginia University College of Engineering. Brandon assisted in the design and construction administration of multiple projects as an Engineering Intern during the summer of 2005 and his senior year at WVU. His work has proven invaluable and he possesses a keen ability to grasp and apply new information.

Brandon has come to MEI with an excellent academic record and a willingness to learn that seen him grow to be a highly valuable member of our team in a short period of time. His experience in the Engineering Projects with Industry while at WVU significantly increased his professional experience. Brandon's long term goal is to obtain his Professional Engineer's license and continue consulting.

REGISTRATIONS

Fundamentals of Engineering, West Virginias PE
Board – April 2006