

RFQ COPY

209 Prairie Avenue

Morgantown, WV 26501

TYPE NAME/ADDRESS HERE

Alpha Associates, Incorporated

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

Request for Quotation

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DIV ENGINEERING & FACILITIES ARMORY BOARD SECTION

1707 COONSKIN DRIVE CHARLESTON, WV 25311-1099

304-341-6368

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GENERAL TERMS & CONDITIONS REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

- 1. Awards will be made in the best interest of the State of West Virginia
- 2. The State may accept or reject in part, or in whole, any bid.
- 3. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
- 4. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods this Purchase Order/Contract becomes void and of no effect after June 30.
- 5. Payment may only be made after the delivery and acceptance of goods or services.
- 6. Interest may be paid for late payment in accordance with the West Virginia Code
- 7. Vendor preference will be granted upon written request in accordance with the West Virginia Code
- 8. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
- 9. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
- 10. The laws of the State of West Virginia and the Legislative Rules of the Purchasing Division shall govern the purchasing process.
- 11. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
- 12. BANKRUPTCY: In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
- 13. HIPAA BUSINESS ASSOCIATE ADDENDUM: The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, is available online at www.state.wv.us/admin/purchase/vrc/hipaa.htm and is hereby made part of the agreement. Provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
- 14. CONFIDENTIALITY: The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf.
- 15. LICENSING: Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, and the West Virginia Insurance Commission. The vendor must provide all necessary releases to obtain information to enable the director or spending unit to verify that the vendor is licensed and in good standing with the above entities.
- 16. ANTITRUST: In submitting a bid to any agency for the State of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the State of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, or person or entity submitting a bid for the same material, supplies, equipment or services and is in all respects fair and without collusion or Fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

INSTRUCTIONS TO BIDDERS

- 1. Use the quotation forms provided by the Purchasing Division. Complete all sections of the quotation form.
- 2. Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as EQUAL to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
- 3. Unit prices shall prevail in case of discrepancy. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
- 4. All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130
- 5. Communication during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited (W.Va. C.S.R. §148-1-6.6)

RFQ No.	DEFK10019

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:

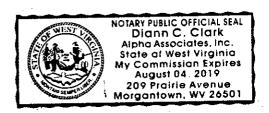
"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due 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 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.

Authorized Signature: State of West Virginia County of ___Monongalia to-wit: Taken, subscribed, and sworn to before me this 51/day of Decen My Commission expires AFFIX SEAL HERE



WITNESS THE FOLLOWING SIGNATURE



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

Request for Quotation DEFK10019

SHIP TO

DEFK10019

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304-558-2544

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DIV ENGINEERING & FACILITIES ARMORY BOARD SECTION

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ARCHITECTS • ENGINEERS • SURVEYORS

June 16, 2010

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

Attn: Mr. Chuck Bowman

Re: DEFK10019 - Expression of Interest - Buckhannon Readiness Center

Dear Mr. Bowman.

Alpha Associates, Incorporated is pleased to submit this Expression of Interest to provide architectural and engineering design services for the West Virginia Army National Guard, Buckhannon Readiness Center in Upshur County. The knowledge and experience Alpha has gained throughout our 41 years of providing architectural and engineering services will prove to be beneficial for the West Virginia Army National Guard during this project.

EXPERIENCE

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. Our experience ranges from small renovations to \$35 Million dollar new construction projects. Enclosed, we have included specific information regarding our military experience.

DESIGN TEAM

The key to any successful project is the Design Team. Alpha has carefully selected a team of professionals with past experience and current knowledge that will complete your project on time and within budget.

Alpha Associates, Incorporated, founded in 1969, is a multi-discipline design firm. We provide services in the following areas:



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



Alpha's team includes 37 dedicated professionals and support staff who will make your project a priority. Alpha's staff also includes LEED Accredited professionals who will be valuable in designing your new facility with cost effective energy conserving features.



Important to any project are the Mechanical, Electrical and Plumbing Engineering aspects. Alpha has selected Miller Engineering to join our team and provide these services. Alpha Associates and Miller Engineering have produced multiple projects together over the past 10 years. We recently worked together on the design of a West Virginia Army National Guard project for the Parkersburg Armory.



Cost control is a priority for all projects. Alpha has selected PCS, headquartered in Cleveland, OH to provide cost estimating services for this project. PCS has been providing cost estimating services for over 20 years. Alpha Associates and PCS have worked together on multiple projects.

Our design team has the competence and ability to design a fully functional facility that will exceed the West Virginia Army National Guard's expectations.

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 Buckhannon Readiness Center immediately. We will be your partner throughout all phases of the project: programming, design, and construction administration. The Team has the knowledge, capacity and ability to complete all aspects of your project in a timely manner. Our recent work on the Parkersburg Armory went well and we look forward to continue our relationship with you on this exciting project. If you require further information from us, please call me at 304-296-8216 x102.

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

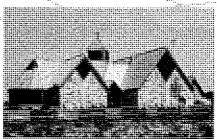
James A. Davison, AIA; Vice President Charles B. Luttrell, PE, SECB; Principal

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.



NEW CONSTRUCTION 2003

Airport Case Studies

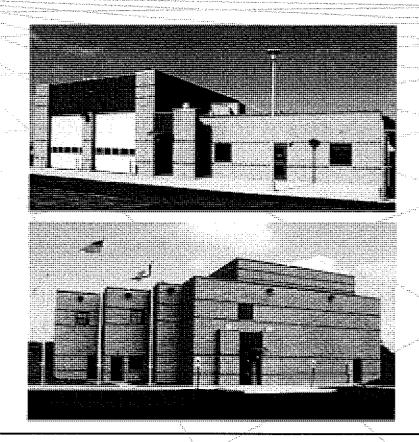
Project Description

Morgantown Municipal Airport Air Rescue and Fire Fighting Building Morgantown, WV

Alpha Associates, Incorporated completed design of the latest building at the Morgantown Municipal Airport. The building serves as an Air Rescue and Fire Fighting Building, housing two fire trucks and equipment. Additional space for Airport Management offices and a training center are also included.

Construction of this \$1,020,000 building was completed in 2003.

At A Glance 1 Client: City of Morgantown 2 Location: Morgantown, WV 3 Completion Date: 2003 4 Size: 7000 SF 5 Construction Cost: \$1,020,000





New Construction Est. 2011

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.

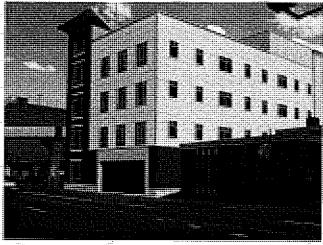
Site constraints and adjacent overhead structures made the development and construction of the project very challenging.

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 Client: Monongalia County Commission Location: Morgantown, WV Completion Date: Est 2011 Size: 60,078 sq. ft Construction Cost: Estimate \$9 Million





NE 1 CONSTRUCTION PROTECT 2009

Architectural Case Studies

Project Description

Jefferson County Operations Center Martinsburg, West Virginia

Alpha Associates, Incorporated is designing 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 Client: Jefferson County Ambulance Authority Location: Ranson, WV Completion Dafe: Est 2009 Size: 6.750 SF Construction Cost: TBD



Architectural Case Studies

Project Description

Wallace Fire Station Wallace, WV

Alpha Associates, Incorporated is designing a new fire station for the Town of Wallace in Harrison County. This station, designed to meet future needs consists of four bays, suitable for parking multiple fire vehicles. Additional support spaces include a radio room, lounge area and sleeping quarters.

At A Glance

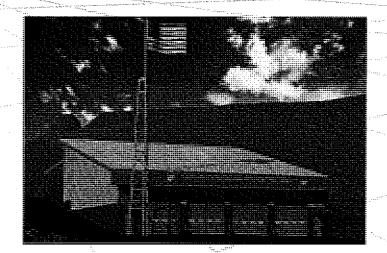
Client:
Wallace Volunteer
Fire Department

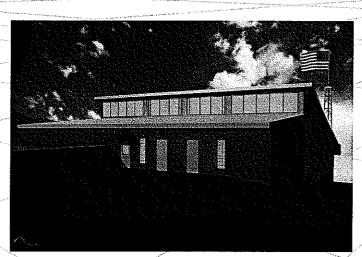
Location:
Wallace, WV

Completion Date:

4 Size: 11,000 SF

Construction Cost: Est. \$1,052,000







Federal Bureau of Prisons

New Construction Est. 2011

Architectural Case Studies

Project Description

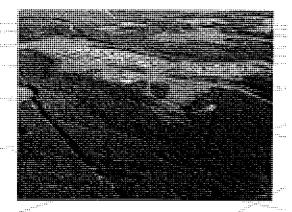
Federal Bureau of Prisons Hazelton, WV

Alpha Associates, Incorporated is the Architect of Record for a new medium security men's prison to be located in Hazelton, West Virginia. Alpha is part of the Design-Build team with Hensel-Phelps Construction and Mosley Architects. The prison is being constructed for the Federal Bureau of Prisons.

Alpha is providing architectural design and structural engineering services for the three buildings "outside of the fence": 19,285 sq ft. Administration Building, 13,805 sq. ft. Utility Plant and 603 sq. ft. Wastewater Plant as well as Architect of Record for the entire project.

Alpha's services also include surveying the site and construction administration for "outside the site" buildings. Alpha will also be providing full time representation on site during the construction period. The size and schedule of this project require multiple design and construction packages and significant coordination and review not only internally with the team but also with the Federal Bureau of Prisons and the technical design guidelines that govern the design and construction of the facility.

At A Glance Client: Hensel-Phelps Construction Location: Hazelfon, WV Completion Date: Est. 2011 Size: Multiple Buildings Total Contract: Estimate \$160 Million







ARCHITECTURAL AND ENGINEERING DESIGN 1994

Miscellaneous Case Studies

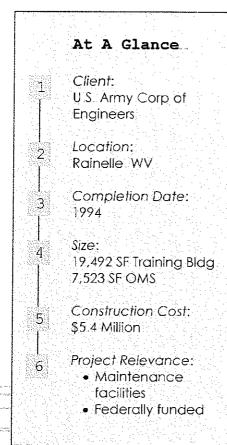
Project Description

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







Renovation

2000

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

Client:

WY Army National
Guard

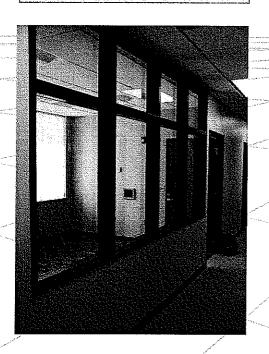
Location:
Parkersburg, WV

3 Completion Date: 2009

> Size: 2400 sq. ft. renovation 200 sq. ft. addition

5 Construction Cost: \$400,000







U.S. Army Reserve Center

ARCHITECTURAL AND ENGINEERING DESIGN 1994

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...

Client:

U.S Army Corps of Engineers

Location: Beckley: WV

Completion Date: 1994

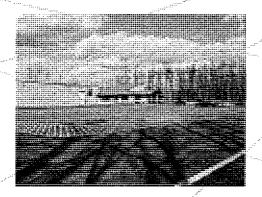
Size:

28,000 SF Addition 2,700 SF Addition

Construction Cost: \$5.4 Million

Project Relevance:

- Architectural design
- Maintenance
 facilities
- Site planning
- Roadway design
- Federally funded





New Construction Project

Architectural Case Studies

Project Description

BSGG Professional Building Morgantown, WV

Alpha is in the process of designing 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 Client: BSGG, LLC Location: Morgantown, WV Completion Date: Multi Phase Project Size: 28,000 Square Feet Construction Cost: est. \$4Million





South Agricultural Sciences Building

FLANNING, DESIGN AND CONSTRUCTION PROJECT 2005

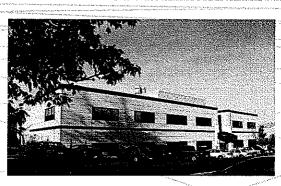
Higher Education Case Studies

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

Client:

West Virginia University

2 Location:

Morgantown, WV

Completion Date:

2005

Size:

40,000 SF

Construction Cost:

\$7.3 Million







U.S. Coast Guard Operations Systems Center

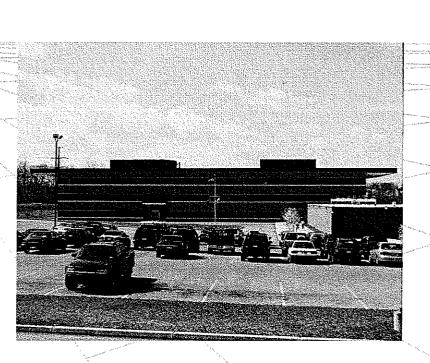
SITE AND CIVIL ENGINEERING SERVICES PROJECT 1999

Government Case Studies

Project Description

U.S. Coast Guard Operations Systems Center Martinsburg, WV

Working with DMJM Architects, Alpha Associates, Incorporated provided site and civil engineering services for this 75,000-square foot building. Services included site mapping, surveying, drainage design, sewer and water connections and storm water management. Alpha's staff also provided all necessary paperwork for the County's Planned Unit Development process.



At A Glance

Client:
U.S. Coast Guard
Operations Systems
Center

Location. Martinsburg, WV

Completion Date: 1999

Size: 75,000 SF Addition

Construction Cost: N/A – Portion of Larger Project

Project Relevance:

- Site engineering
- Permitting
- Storm water management
- Surveying
- Federally funded





Morgantown Municipal Airport

NEW CONFIRMOTION 2001

Airport Case Studies

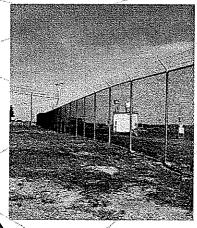
Project Description

Morgantown Municipal Airport Perimeter Fence Project Morgantown, WV

Alpha Associates, Incorporated provided surveying and consulting services for this project at the Morgantown Municipal Airport. This project was an 8-foot high fence around the perimeter of the Airport property with all necessary access gates. The 911 Emergency Gate was relocated during this project to accommodate emergency vehicles approaching from the north and south. Alpha's staff provided plans and specifications for this security enhancement. A boundary survey of the entire 600+ acre property was included in this project. Several important issues were addressed with this fencing project. First, the fence will provide a wildlife barrier that will assist in keeping wildlife from the property. Secondly, the fence provides security from individuals seeking to gain access to the site. The third issue is in regard to providing an easily maintained area around the fence. Alpha Associates, Incorporated also worked as a liaison between adjoining property owners and the owner during the planning and construction of the project.

At A Glance Client: Morgantown Municipal Airport Location: Morgantown, WV Completion Date: 2001 Size: N/A Construction Cost: \$800,000









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; Hazelfon, 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



RICHARD A. COLEBANK, PE, PS

PRESIDENT AND COC CIVIL ENGINEER

rcolebank@alphaaec.com

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 Gurrent 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 FRES DENT 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

FIGE PRESIDENT PROHITECT

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 prestressed 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 PROPESSION - L'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 Concréte Deck Research

Line load behavior/failures

Concentrated load behavior/failures

Web crippling

Punch failures





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. Mr. Breakey became a LEED Accredited Professional in 2009.

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
- Potomac State College Library Facade Renovation; 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
- Rabert C. Byrd Health Sciences Center SRP Lab Renovation; Morgantown, WV

K-12 Education Projects:

- Washington High School; Charles Town, WV
- University High/Middle School Renovation; Morgantown, 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
- Slanesville Elementary School Addition; Hampshire County, WV
- Petersburg High School Science Lab Renovation; Petersburg, WV

Miscellaneous:

- Fairmont Federal Credit Union, Charles Pointe Branch; Bridgeport, WV
- Clear Mountain Bank, Reedsville Branch; Reedsville, WV
- BC Bank Renovation/Addition, Philippi Branch; Philippi, WV
- Clear Mountain Bank, Oakland Branch; Oakland, MD
- Clear Mountain Bank; Sabraton, WV



MATTHEW S. BREAKEY, AIA, LEED-AP

ARCHHECT ARCHHECT

mbreakey@alphaaec.com

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

QUALIFICATIONS

LICENSE: Registered Architect: West Virginia; Maryland

NCARB Certified

Leadership in Energy and Environmental Design Accredited

Professional

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





REBECCA J. KEY, AIA, NCIDQ, LEED - AP

ASSOCIATE

rkey@alphaaec.com

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.

PROFILE

Broad-based responsibilities in the following areas:

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

PROFESSIONAL HIGHLIGHTS

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
- WVU Hatfields Restaurant; Morgantown, WV

Financial Institutions:

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

Industrial Facilities:

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

Medical Facilities:

Ruby Hospital Emergency Room Expansion; Morgantown, WV



REBECCA J. KEY, AIA, NCIDQ, LEED - AP

ASSOCIATE

rkey@alphaaec.com

Historic Renovation:

- Cass Scenic Railroad Clubhouse Renovation; Cass, WV
- Berkeley Springs Bath House Renovation; Berkeley Springs, 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

AFFILIATIONS

PROFESSIONAL: American Institute of Architects; Member

AlA Liveable Communities; Board Member

CIVIC: Fairmont, WV ICC Board of Appeal; Board Member





THOMAS PRITTS, AIA, LEED-AP

FROFITECT

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



THOMAS PRITTS, AIA, LEED-AP

ARCHITECT

tpritts@alphaaec.com

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:

AlA Member

USGBC - US Green Building Council

AUGI - Autodesk-User Group International

Construction Specification Institute





CHARLES B. BRANCH, PE

PRINCIPAL CILLENCINSER

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
- WVÜ 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



CHARLES B. BRANCH, PE
PRINCIPLE
CITE ENGINEER
cbranch@alphaaec.com

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





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 81 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 Monongalia 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
- PATurnpike 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



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

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: THE AUGUSTA PROJECT

OWNER: McCoy 6, Morgantown, WV



MEP TECHNICAL HIGHLIGHTS:

Form Property States

STON

STON

MICE Building

STON

STON

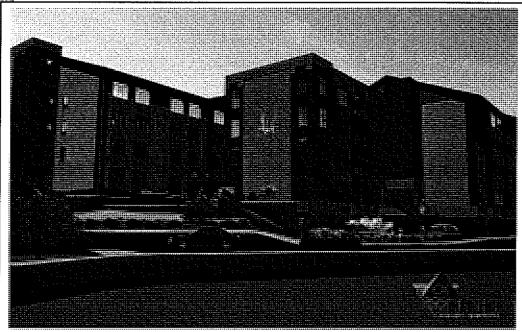
FREE STREET

FREET

FREE STREET

FR

The 150,000 ft² facility incorporates 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. 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

PROJECT: WVU CRRB 7TH FLOOR SHELL FIT OUT OWNER: WEST VIRGINIA UNIVERSITY, MORGANTOWN, WV



MEP TECHNICAL HIGHLIGHTS:

Total Project States:
Strok

MES Bardget;
Strok

Frielity Arec

Severess Province

American Strokney

Project State

Complete

Project Com

The Project required the installation of a new HVAC system to serve the 7th top floor fit out of shell space from the original construction. A new air system was installed in the rooftop penthouse incorporating a rooftop condenser, hot water system evaluation, and repiping the existing building hot water system for additional heating. Electrical and plumbing systems were developed to support the retrofit. The air system incorporates enthalpy-based outside air economizer and CO₂ control of ventilation for increased energy efficiency. The ductwork design was complicated by only two structurally possible air handling unit locations.



Photo Courtesy of ALPHA Associates

PROJECT DESCRIPTION:

The retrofit of approximately 5700 ft² of previous storage space into usable office/ conference space was successfully achieved. The Owner wanted a "warehouse look" utilizing exposed overhead mechanical. The MEP systems had to be aesthetically and architecturally appropriate while working around existing building systems such as existing roof drain leaders within the space. The existing systems were to be reused as much as possible to help control project costs. A full restroom and kitchen area was developed to meet the needs of the occupants. Extensive detailing of system components and aggressive Construction Administration resulted in a highly successful project.

REFERENCE:

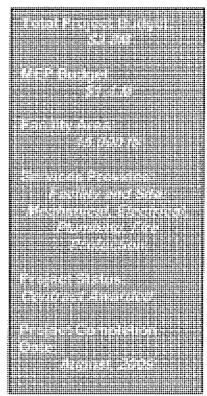
Bob Merow, WVU Facilities Management, PDC 979 Rawley Lane Morgantown, West Virginia 26506 304-293-2875

PROJECT: NEW FIBER PROCESSING FACILITY

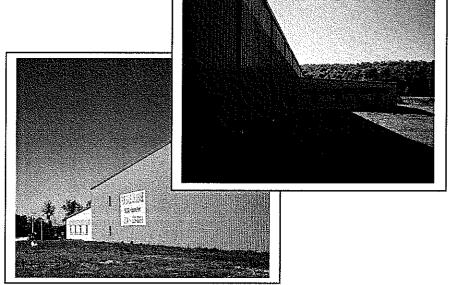
OWNER: FMW COMPOSITE SYSTEMS, Hazelton, WV



MEP TECHNICAL HIGHLIGHTS:



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



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 systems His principal operational engineering foci were the hospitals' steam, chilled infrastructure water. air handling and 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

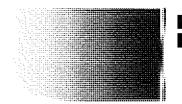
Licensed Swimming Pool Operator

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.



Firm History

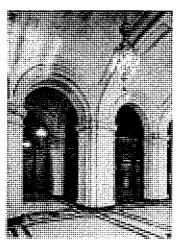
"P|C|S's ability to provide accurate cost estimates, with very early and sketchy information, has helped us establish budgets on projects ranging from \$1 million to over \$80 million."

Tom Schwartzmier, PE Director, Facilities & Construction UPMC Shadyside, Pittsburgh, Pennsylvania P|C|S, headquartered in Cleveland, OH, with a branch office in Wheeling, WV, has been providing professional cost estimating services for over 20 years P|C|S has extensive experience providing complete estimates to Owners, Architects, and Engineers at all phases of a project Since 1988, P|C|S has been serving clients in the government, commercial, institutional, industrial, healthcare and education markets.

P|C|S has provided estimating services as a stand alone service for project

Owners such as the West Virginia
University, Department of General
Services Administration, Harry S.
Truman Federal Building, Howard M.
Metzenbaum Federal Building & U.S.
Courthouse, Cuyahoga County
Department of Central Services, and
the Cleveland Clinic Foundation

We offer a complete menu of standalone design phase services. These include cost consulting, value engineering, scheduling, constructability reviews, bid package strategies, bidder evaluations, and building evaluations & assessments.



Howard M. Metzenbaum, Federal Building and US Courthouse, Cleveland, Ohio

P|C|S has developed over \$10 billion of construction project cost estimates. As an independent service, we provide in-house architectural, civil, structural, mechanical, electrical, plumbing, fire protection, and technology estimating to Owners and architectural firms nationally. Our accurate well-defined cost estimates are a critical step in successful projects and are significant when the value engineering process is undertaken because of our first-hand knowledge of all aspects of the building construction.

A lead estimator is assigned to each project with oversight from the estimating principal. Thus, each Client benefits from personalized contact with P|C|S's principals and the highest level of estimating advisory and management experience. With four corporate principals, most with more than 25 years of experience, and 36 additional construction professionals, P|C|S still maintains a very hands-on approach with every project assignment.



Cleveland Clinic





U.S. General Services Administration





Below is a partial client listing which illustrates our diverse background. P|C|S has provided valued services to the following entities;

- Akron City Hospital, Akron, OH
- Barnesville Exempted Village Schools, Barnesville, OH
- Bellaire City Schools, Bellaire, OH
- Bradford Regional Medical Center, Bradford, PA
- Cambridge City School, Cambridge, OH
- The Cleveland Clinic Foundation, Cleveland, OH
- The Cleveland Museum of Art, Cleveland, OH
- East Muskingum Local Schools, New Concord, OH
- Forest City Enterprises, Palm Desert, CA
- GSA; Celebrezze Building, Cleveland, OH
- GSA; Potter Stewart Courthouse, Cincinnati, OH
- Luke Air Force Base, 944th Civil Engineering Squadron, Phoenix, AZ
- Marshall County Schools, Marshall County, WV
- Moundsville Prison Renovations, Moundsville, WV
- Menorah Heights, Pittsburgh, PA
- MetroHealth Medical Center, Cleveland, OH
- Penn State University, Dobbin Hall, Happy Valley, PA
- Shamokin Area Community Hospital, Shamokin, PA
- USPS, Pittsburgh, PA
- Veteran's Administration Medical Center, Cleveland, OH
- West Muskingum Local Schools, Zanesville, OH
- WVU, Downtown Student Housing, Morgantown, WV
- WVU, Nursery and Child Care Center, Morgantown, WV
- WVU, Physical Education Building, Morgantown, WV
- WVU, Basketball Practice Facility, Morgantown, WV
- WVU, Maclin Hall, Montgomery, WV
- WVU, Fire Training Academy, Jackson Mill, WV
- WVU, Upgrades to Colson Hall, Morgantown, WV
- Wood County Schools, Parkersburg, WV
- Zane State College, Cambridge, OH

PICIS

HARRY S. TRUMAN FEDERAL BUILDING



Project Description:

P|C|S is providing cost estimating services to Westlake Reed Leskosky on an as needed basis for the renovations of 250,000 square feet spanning 8 floors of the Harry S. Truman Building. The total cost of this project is approximately \$85.75 Million.

Project Information:

Location:

Washington, DC

Construction Cost:

\$85 75 Million (approximate)

Square Footage:

250,000

Owner:

Harry S. Truman Federal Building 2201 C Street NW Washington, DC

Architect:

Mr Jason Adolff Westlake, Reed, Leskosky 1850 M Street NW, Suite 1095 Washington, DC 20036 (202) 296-4344



H.M. METZENBAUM FEDERAL U.S. COURTHOUSE



Project Description:

P|C|S provided cost estimating services for the interior renovations of the existing Howard M Metzenbaum Federal U.S. Courthouse. P|C|S completed several cost estimates including the buildings new HVAC systems.

Project Information:

Location:

Cleveland, Ohio

Construction Cost:

N/A

Square Footage:

235,000

Owner:

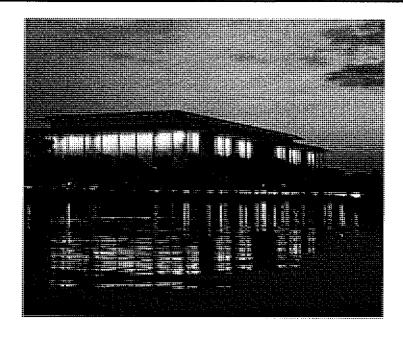
Howard M. Metzenbaum Federal U S. Courthouse 201 Superior Avenue Cleveland, Ohio 44114

Architect:

Mr Paul Westlake Westlake, Reed, Leskosky 925 Euclid Avenue, Suite 1900 Cleveland, Ohio 44115 (216) 522-1350



KENNEDY CENTER FOR THE PERFORMING ARTS COMPREHENSIVE BUILDING



Project Description:

P|C|S is providing cost estimating services to Westlake Reed Lesksoky on an as needed basis for this Capital Improvement Project.

Project Information:

Location:

Washington, DC

Project Cost:

\$104 Million

Square Footage:

1.5 Million

Owner:

Kennedy Center for the Performing Arts 2700 F Street NW Washington, DC 20566

Architect:

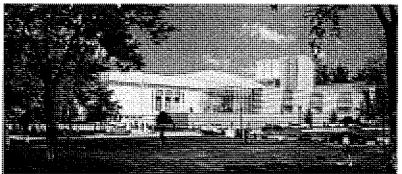
Mr. Jason Adolff Westlake, Reed, Leskosky 1850 M Street NW, Suite 1095 Washington, DC 20036 (202) 296-4344



THE CLEVELAND MUSEUM OF ART







Project Description:

Project and Construction Services, Inc provided cost estimating services on the Cleveland Museum of Art project. This project included new building construction and additions/renovations of existing buildings, including art galleries, theatres, classrooms, recording studios, and general office spaces. The 1916 Beaux-Arts building and the 1971 Breuer building will be completely renovated. Renovations and repairs compromise two-thirds of this construction project. Additionally, there are two building additions, an east wing and a west wing. A great piazza with a towering glass canopy will be at the center of the structure. PCS completed design phase services for this project in 2005 Construction is scheduled for completion in 2011.

Project Information:

Location:

Cleveland, Ohio

Project Cost:

\$248 Million

Square Footage:

801,799

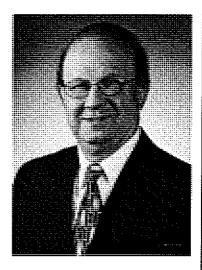
Owner:

The Cleveland Museum of Art 11150 East Boulevard Cleveland, Ohio 44106-1797 (216) 421-7340

Architect:

Ms Amy Coe Project Manager Rafael Viñoly Architects 50 Vandam Street New York, NY 10013 (212) 924-5060





Education
Bowling Green State University

Associations

American Society of Heating, Refrigerating, and Air Conditioning Engineers, Inc (ASHRAE)

American Society for Healthcare Engineering (ASHE)

Construction Management Association of America (CMAA)

American Society of Professional Estimators (ASPE)

KEVIN LAWLOR

Executive Vice President & Principal-in-Charge of Estimating

Kevin is Principal-in-Charge of all in-house estimating and systems support services. Additionally, he directs the coordination and preparation for value engineering services, constructability reviews, and adherence to contract documents on these elements. He brings over 34 years of design and construction phase experience to each project. During this period, he has provided cost estimates on over \$10 Billion of multi-use facility projects. Kevin has participated in numerous Value Engineering (VE) sessions, and has completed the 40-hour VE workshop that is a pre-requisite to becoming a certified Value Specialist.

Selected Project Experience

Government / Public Sector

- · City of Avon Lake, Avon Lake, OH
- · City of Bay Village, Bay Village, OH
- · City of Bedford, Bedford, OH
- · City of Lyndhurst, Lyndhurst, OH
- · City of Parma, Justice Center, Parma, OH
- GCRTA (Greater Cleveland Regional Transit Authority), Cleveland, OH
- · Celebrezze Federal Building, Cleveland, OH
- Howard M. Metzenbaum Federal Building, Cleveland, OH
- Harry S. Truman Federal Bldg. Washington D.C.
- Russell Township Fire Station, Russell Township, OH

Education

- · Akron University, Student Union, Akron, OH
- · Bay Village City Schools, Bay Village, OH
- · Bowling Green University, Huron, OH
- · Case Western Reserve University, Cleveland, OH
- · Cleveland State University, Cleveland, OH
- · Columbus State Community College, Columbus, OH
- · Hudson Local Schools, Hudson, OH
- · John Carroll University, Cleveland, OH
- · Kent State University, Kent, OH
- Marshall County Schools, Moundsville, WV
- · Ohio State University, Columbus, OH
- · Ashtabula Area City Schools, Ashtabula, OH
- Barnesville Exempted Village Schools, Barnesville, OH
- · Bellaire Local Schools, Bellaire, OH
- Cambridge City Schools, Cambridge, OH
- East Muskingum Local Schools, New Concord, OH
- Martins Ferry City Schools, Martins Ferry, OH
- · Morgan Local School Schools, McConnelsville, OH
- Steubenville City Schools, Steubenville, OH
- · West Muskingum Local Schools, Zanesville, OH
- Rocky River City Schools, Rocky River, OH
- · TRI-C, Student Library, Cleveland, OH
- · University of Cincinnati, Cincinnati, OH

- Ursuline College, Pepper Pike, OH
- · West Geauga Schools, Chesterland, OH
- West Geauga Transportation Facility (Serving WGSchools), Chesterland, OH
- · West Virginia University, Morgantown, WV
- Wood County Schools, Parkersburg, WV

Healthcare

- · Akron General Medical Center, Akron, OH
- · Barberton Citizens Hospital, Barberton, OH
- · Cleveland Site Center, Cleveland, OH
- · Fairview Hospital, Cleveland, OH
- · Geauga Regional Hospital, Chardon, OH
- Lake Hospital Systems, Mentor, OH
- · Medina Hospital, Medina, OH
- MetroHealth System, Cleveland, OH
- Ohio State University Medical Center, Columbus, OH
- · Parma Hospital, Parma, OH
- · Cleveland Clinic Foundation, Cleveland, OH
- Wade Park VA Hospital, Cleveland, OH

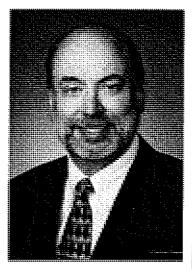
Commercial

- · Applied Industrial Technologies, Cleveland, OH
- · Aurora Community Center, Aurora, OH
- · BP Headquarters Building, Cleveland, OH
- · Dominion East Ohio, Cleveland, OH
- Hanna Theatre, Cleveland, OH
- · Higbee Building, Cleveland, OH
- · Key Tower & Parking Garage, Cleveland, OH
- · The Ohio Theatre, Toledo, OH
- · Tower City Center, Cleveland, OH
- · Westlake Recreation Center, Westlake, OH
- WVIZ, Ideastream, Cleveland, OH

Institutional

- · Cleveland Museum of Art, Cleveland, OH
- · Mentor Library, Mentor, OH
- Morley Library, Painesville, OH





Education B.S. Construction Engineering Technology, Pittsburg State University, Pittsburg, KS

Associations
American Society of Professional
Estimators (ASPE)
Associated General Contractors
American Institute of Design and
Drafting
Epsilon Pi Tau, Industrial Arts
Honorary Fraternity
Sigma Lambda Chi, Construction
Technology Honorary Fraternity

LEW HEIFNER

Lead Estimator

As Lead Estimator at P|C|S, Lew provides in-house estimating support for all disciplines including architectural, structural, civil, mechanical, plumbing, and electrical systems. He has been providing construction estimates for over 28 years. Primarily having worked on estimating for both design-build projects and hard bid projects, Lew has provided services for project documentation, bid documentation preparation, and bid solicitation.

Selected Project Experience

Government / Public Sector

- Celebrezze Federal Building Renovations, Cleveland, OH
- American Electric Power Tornado Proof Buildings, Shreveport, LA
- American Electric Power Tornado Proof Buildings, Corpus Christi, TX
- RTA (Greater Cleveland Regional Transit Authority), Cleveland, OH
- National City Bank Call Center, Upper Sinclair, PA
- · WPXI New Studio, Pittsburgh, PA
- · WQED Studio Renovation, Pittsburgh, PA
- North Canton Army Reserve Center, North Canton, OH
- US Customs Service, Advanced Training Center, Harpers Ferry, WV
- · Constitution Center, Philadelphia, PA
- · Seattle Courthouse, Seattle, WA
- · Federal Campus, Oklahoma City, OK
- · Pentagon Renovations, Washington, DC
- · Prettyman US Courthouse, Washington, DC
- · Federal Building, Fresno, CA
- · George Bush Airport FIS Building, Houston, IX
- Jacksonville Federal Courthouse, Jacksonville, FL
- USARC/OMS/AMSA Training Center, Oakdale, PA
- New Domestic Terminal, JFK International Airport, Long Island, NY
- FDOT Turkey Lake Law Enforcement & Maintenance Facility, Orlando, FL

Education

- Ohio State University, Columbus, OH
- Wood County Schools, Parkersburg, WV
- · Steubenville City Schools, Steubenville, OH
- · St Ignatius High School, Cleveland, OH
- · Martins Ferry City SD, Martins Ferry, OH

- Ohio College of Podiatric Medicine, Cleveland, OH
- Clarion University Dorm, Clarion, PA
- Marshall County Schools, Marshall County, WV
- West Virginia University, Morgantown, WV
- West Virginia University Fire Iraining Academy, Morgantown, WV
- Morgan State University, Baltimore, MD
- Chapel & Performing Arts Center, Northwestern College, Orange County, IA
- Muskingum College, New Concord, OH
- · ITT, Dublin, OH

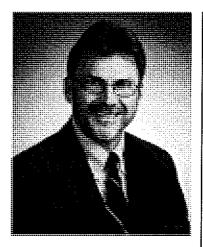
Institutional

- · Ohr Shalom Synagogue, San Diego, CA
- North Branch Correction Institution, Cumberland, MD
- Mercer County Jail, Mercer, PA
- St. Paul Homes, Assisted Care Living Facility, Greenville, PA

Healthcare

- · Fairview Hospital, Cleveland, OH
- Shamokin Area Community Hospital, Coal Township, PA
- Salem Community Hospital, Surgery Expansion, Salem, OH
- · Mercy Medical Center, Canton, OH
- Ohio State University Medical Center, Columbus, OH
- · St Clair's Hospital, Upper St. Clair, PA
- · Wade Park VA Hospital, Cleveland, OH





Education
BS, Civil Engineering
University of Detroit

Associations American Society of Professional Estimators (ASPE)

TOM KAUKER

Lead Estimator

As Lead Estimator at P|C|S, Tom is responsible for the preparation of estimates for all architectural, civil, structural, and sitework elements for each project. During Tom's 40-year career, he has estimated over \$10 Billion of construction projects. In addition to his vast experience, Tom completed the 40-hour Value Engineering Workshop, which is a pre-requisite to becoming a Value Specialist. Tom is also a founder of P|C|S.

Selected Project Experience

Education

- · Akron University, Student Union, Akron, OH
- Baldwin Wallace College, Berea, OH
- Bowling Green University, Technology Center, Firelands Campus, Huron, OH
- · Case Western Reserve Univ., Cleveland, OH
- · Cleveland State University, Cleveland, OH
- Columbus State Community College, Academic Center, Columbus, OH
- · John Carroll University, Cleveland, OH
- · Kent State University, Kent, OH
- Muskingum Area Technical College, Zanesville, OH
- · Ohio State University, Columbus, OH
- Penn State University, State College, PA
- TRI-C, Student Library, Cleveland, OH
- · University of Cincinnati, Cincinnati, OH
- · University of Pitt, Pittsburgh, PA
- · Ursuline College, Pepper Pike, OH
- · West Virginia University, Morgantown, WV
- · Wilmington College, Wilmington, OH
- · Oberlin College, Oberlin, OH
- · SUNY at Cortland, Cortland, NY

Government / Public Sector

- · Allen Correctional Institution, Lima, OH
- · Asheville Civic Center, Asheville, NC
- · City of Avon Lake, Avon Lake, OH
- · City of Bay Village, Bay Village, OH
- · City of Bedford, Bedford, OH
- · City of Lyndhurst, Lyndhurst, OH
- City of Parma, Justice Center, Parma, OH
- Corning Decker Building, Corning, NY
- · Federal Reserve Bank, Cleveland, OH
- · Greater Cleveland Regional Transit
- Greater Cleveland Regional Transii
 Authority, Cleveland, OH
- Celebrezze Federal Building, Cleveland, OH
- J.W Peck Federal Building, Cincinnati, OH
- · J.W Bricker Federal Building, Columbus, OH
- Howard M. Metzenbaum Federal Building, Cleveland, OH
- · Potter Stewart Federal Bldg., Cincinnati, OH
- · Internal Revenue Service, Brooklyn, NY
- Medina County Jail, Medina, OH
- · USPS Pittsburgh, Pittsburgh, PA

Healthcare

- · Akron General Medical Center, Akron, OH
- Barberton Citizens Hospital, Barberton, OH
- · Bradford Regional Medical Center, Bradford, PA
 - Elyria Memorial Hospital, Elyria, OH
- · Fairview Hospital, Cleveland, OH
- · Geauga Regional Hospital, Chardon, OH
- Lake Hospital Systems, Mentor, OH
- Medina Hospital, Medina, OH
- Memorial Hospital of York, York, PA
- MetroHealth System, Cleveland, OH
- · Ohio State University Medical Ctr , Columbus, OH
- · Parma Hospital, Parma, OH
- · Salem Community Hospital, Salem, OH
- Shamokin Community Area Hospital, Coal Township, PA
- · Cleveland Clinic Foundation, Cleveland, OH
- · Wade Park VA Hospital, Cleveland, OH

Commercial

- Applied Industrial Technologies, Inc., New Corporate Headquarters, Cleveland, OH
- Aurora Community Center, Aurora, OH
- Bardavan Theatre, Poughkeepsie, NY
- Chapel Hill Mall, Akron, OH
- · Clemens Center Stagehouse, Elmira, NY
- Cleveland Convention Center, Cleveland, OH
- · Emerald Corporate Park, Cleveland, OH
- · Hanna Theatre, Cleveland, OH
- Higbee Building, Cleveland, OH
- · Hopkins Airport Skymall, Cleveland, OH
- Key Tower & Parking Garage, Cleveland, OH
- · McDonald's Corp., Chicago, IL
- Rock-N-Roll Hall of Fame, Cleveland, OH
- · Station Square, Pittsburgh, PA
- Station Square, Pittsburgh, PA
 The Avenue at Tower City, Cleveland, OH
- TRW Headquarters Building, Cleveland, OH
- WVIZ, Ideastream, Cleveland, OH

Institutional

- · Cleveland Museum of Art, Cleveland, OH
- · Mentor Library, Mentor, OH
- · Morley Library, Painesville, OH
- St. Christopher's Church, Rocky River, OH
- · White Tank Mountains Library, Waddell, AZ



Client References

ALPHALASSOCIATES INCORPORATED Firm Profile

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

Don Reinke, Director Mon County Development Authority PO Box 188 Morgantown, WV 26507 304-296-6684

Monty Warner
McCoy 6 Properties

401 Grand Central Station Dr #6002 Morgantown, WV 26505 304-291-2548

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

Glen Kelley, Director Morgantown Municipal Airport 100 Hart Field Morgantown, WV 26505 304-291-7461 Every aspect and detail of your planning, coordination, and completed projects have been exceptional and outstanding in every regard

Bob Hammel Former Airport Director

Time and again an immediate answer or solution was needed to keep the project on an unforgiving critical path Alpha personnel were there on the spot. They have a contagious "can-do" spirit.

Monty Warner

McCoy 6 Apartments

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

Paul Walden West Virginia University

