



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
GSD106405

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
**KRISTA FERRELL
 304-558-2596**

RFQ COPY
 TYPE NAME/ADDRESS HERE

DEPARTMENT OF ADMINISTRATION
 GENERAL SERVICES DIVISION
 BLDG. 9 - CULTURE & HISTORY
 1900 KANAWHA BOULEVARD, EAST
 CHARLESTON, WV
 25305 304-558-2317

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
07/21/2009				

BID OPENING DATE: **08/13/2009** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		906-07		
<p>A&E SERVICES: DESIGN OF BLDG#9 EXTERIOR RENOVATIONS</p> <p>EXPRESSION OF INTEREST (EOI)</p> <p>PROFESSIONAL ARCHITECTURAL/ENGINEERING SERVICES</p> <p>THE WEST VIRGINIA STATE PURCHASING DIVISION FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF GENERAL SERVICES, IS SOLICITING PROPOSALS FOR PROFESSIONAL ARCHITECTURAL AND ENGINEERING SERVICES FOR THE DESIGN EXTERIOR CLEANING & REPAIRS FOR BUILDING #9 (CULTURAL CENTER) LOCATED ON THE WEST VIRGINIA STATE CAPITOL COMPLEX IN CHARLESTON, WEST VIRGINIA AND RENOVATIONS TO TWO SUNKEN COURTYARDS INCLUDING ADA COMPLIANT ACCESS AND WATER FEATURES PER THE ATTACHED SPECIFICATIONS.</p> <p>TECHNICAL QUESTIONS CONCERNING THIS PROJECT MUST BE SUBMITTED TO KRISTA FERRELL IN THE WEST VIRGINIA STATE PURCHASING DIVISION VIA FAX AT 304-558-4115 OR VIA EMAIL AT KRISTA.S.FERRELL@WV.GOV. DEADLINE FOR ALL TECHNICAL QUESTIONS IS AUGUST 4, 2009 AT THE CLOSE OF BUSINESS. ALL TECHNICAL QUESTIONS RECEIVED, IF ANY, WILL BE ANSWERED BY ADDENDUM AFTER THE DEADLINE LAPSED.</p> <p>QUESTIONS CONCERNING THE PROCESS BY WHICH A VENDOR MAY SUBMIT A PROPOSAL TO THE STATE OF WEST VIRGINIA ARE NOT CONSIDERED TO BE TECHNICAL QUESTIONS AND MAY BE SUBMITTED AT ANY TIME PRIOR TO THE BID OPENING AND IN</p>						

RECEIVED
 2009 AUG 12 A 10:39
 PURCHASING DIVISION
 STATE OF WV

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Krista Ferrell</i>	TELEPHONE 304-296-8216	DATE August 11, 2009
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'

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. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
5. 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.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **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.
14. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) 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.
15. **WEST VIRGINIA ALCOHOL & DRUG-FREE WORKPLACE ACT:** If this Contract constitutes a public improvement construction contract as set forth in Article 1D, Chapter 21 of the West Virginia Code ("The West Virginia Alcohol and Drug-Free Workplace Act"), then the following language shall hereby become part of this Contract: "The contractor and its subcontractors shall implement and maintain a written drug-free workplace policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act, as set forth in Article 1D, Chapter 21 of the West Virginia Code. The contractor and its subcontractors shall provide a sworn statement in writing, under the penalties of perjury, that they maintain a valid drug-free work place policy in compliance with the West Virginia and Drug-Free Workplace Act. It is understood and agreed that this Contract shall be cancelled by the awarding authority if the Contractor: 1) Fails to implement its drug-free workplace policy; 2) Fails to provide information regarding implementation of the contractor's drug-free workplace policy at the request of the public authority; or 3) Provides to the public authority false information regarding the contractor's drug-free workplace policy."

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** 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. Complete all sections of the quotation form.
4. Unit prices shall prevail in case of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** 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



State of West Virginia
 Department of Administration
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VENDOR

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DEPARTMENT OF ADMINISTRATION
 GENERAL SERVICES DIVISION
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 1900 KANAWHA BOULEVARD, EAST
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DATE PRINTED 07/21/2009	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
BID OPENING DATE: 08/13/2009		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
	ANY FORMAT. EXHIBIT 10					
	REQUISITION NO.:					
	ADDENDUM ACKNOWLEDGEMENT					
	I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.					
	ADDENDUM NO.'S:					
	NO. 1					
	NO. 2					
	NO. 3					
	NO. 4					
	NO. 5					
	I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.					
	VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.					
					

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>[Signature]</i>	TELEPHONE 304-296-8216	DATE August 11, 2009
TITLE President and COO	FEIN 55-0516286	ADDRESS CHANGES TO BE NOTED ABOVE

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<p>SIGNATURE</p> <p>..Alpha Associates.. Incorporated. COMPANY</p> <p>...August 11.. 2009..... DATE</p>						
<p>REV. 11/96</p> <p>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.</p> <p style="text-align: center;">NOTICE</p> <p>A SIGNED PROPOSAL MUST BE SUBMITTED TO:</p> <p style="text-align: center;">DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>THE PROPOSAL SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED PROPOSAL</p>						
BUYER:				KRISTA FERRELL-FILE 21		

SEE REVERSE SIDE FOR TERMS AND CONDITIONS		
SIGNATURE 	TELEPHONE 304-296-8216	DATE August 11, 2009
TITLE President and COO	FEIN 55-0516286	ADDRESS CHANGES TO BE NOTED ABOVE

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**DEPARTMENT OF ADMINISTRATION
 GENERAL SERVICES DIVISION
 BLDG. 9 - CULTURE & HISTORY
 1900 KANAWHA BOULEVARD, EAST
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RFQ. NO.:				GSD106405		
BID OPENING DATE:				08/13/2009		
BID OPENING TIME:				1:30 PM		
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: 304-296-8245						

CONTACT PERSON (PLEASE PRINT CLEARLY): Richard A. Colebank, PE, PS						

***** THIS IS THE END OF RFQ GSD106405 ***** TOTAL: _____						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Richard A. Colebank</i>	TELEPHONE 304-296-8216	DATE August 11, 2009
TITLE President and COO	FEN 55-0516286	ADDRESS CHANGES TO BE NOTED ABOVE

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STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

VENDOR OWING A DEBT TO THE STATE:

West Virginia Code §5A-3-10a provides that: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

If this is a solicitation for a public improvement construction contract, the vendor, by its signature below, affirms that it has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the **West Virginia Code**. The vendor **must** make said affirmation with its bid submission. Further, public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the **West Virginia Code** and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the **West Virginia Code** may take place before their work on the public improvement is begun.

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 materials, 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.

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, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, 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.

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>.

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.

Vendor's Name: Alpha Associates, Incorporated

Authorized Signature:  Date: 8-11-09

Purchasing Affidavit (Revised 01/01/09) President & COO

Attn: Ms. Krista Ferrell

From: Alpha Associates, Incorporated
209 Prairie Avenue
Morgantown, WV 26501

RE: Addendum # 1

REQ #: GSD106405

OPENING DATE: 08/20/09

OPENING TIME: 1:30 PM

RECEIVED
2009 AUG 20 PM 12:11
WV PURCHASING
DIVISION



State of West Virginia
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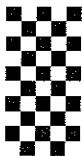
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				ADDENDUM NO. 1		
				THIS ADDENDUM IS ISSUED TO:		
				1.) ANSWER ALL TECHNICAL QUESTIONS SUBMITTED PRIOR TO THE DEADLINE FOR TECHNICAL QUESTIONS AND		
				2.) EXTEND THE BID OPENING DATE.		
				BID OPENING DATE IS EXTENDED TO: 08/20/2009		
				BID OPENING TIME REMAINS: 1:30 PM		
				***** END ADDENDUM NO. 1 *****		
0001	1	LS		906-07		
				A&E SERVICES: DESIGN OF BLDG#9 EXTERIOR RENOVATIONS		
				***** THIS IS THE END OF RFQ GSD106405 ***** TOTAL:		

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE: *Chris B. Roberts* TELEPHONE: 304-296-8216 DATE: August 18, 2009
 TITLE: Principal FEIN: 55-0516286 ADDRESS CHANGES TO BE NOTED ABOVE

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



Attn: Ms. Krista Ferrell

From: Alpha Associates, Incorporated
209 Prairie Avenue
Morgantown, WV 26501

RE: Addendum # 1

REQ #: GSD106405

OPENING DATE: 08/20/09

OPENING TIME: 1:30 PM

RECEIVED
2009 AUG 19 P 3: 39
MEASURING DIVISION
STATE OF WV



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

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				***** THIS IS THE END OF RFQ GSD106405 ***** TOTAL:		

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SIGNATURE: *C. B. Beards* TELEPHONE: 304-296-8216 DATE: August 18, 2009
 TITLE: Principal FEIN: 55-0516286 ADDRESS CHANGES TO BE NOTED ABOVE

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ARCHITECTS • ENGINEERS • SURVEYORS

August 13, 2009

Purchasing Division
2019 Washington Street, East
Charleston, WV 25305-0130

Attn: Krista Ferrell, Senior Buyer

**Re: Expression of Interest – GSD106405
WV Science & Cultural Center Building (#9)**

Dear Ms. Ferrell,

Alpha Associates, Incorporated is pleased to submit this Expression of Interest to provide architectural and engineering design services for exterior cleaning and renovations of the West Virginia Culture & History Building in Charleston, West Virginia. Let us put our 40 years of knowledge and experience to work for you.

Alpha has provided architectural and engineering services throughout our great state of West Virginia since 1969. Our projects range from small renovation to \$35 Million new construction projects. We are a multi-discipline design firm ready to make your project our priority. More information on Alpha's design team is included in the "Project Approach" section of this proposal.

Alpha currently has two projects under construction that are similar in nature to your project. These projects include the renovation of the Cass Scenic Railroad Clubhouse and the Berkeley Springs Bath House. Both projects are for the West Virginia Division of Natural Resources and include renovation/restoration to the exterior of the buildings. You will find more information on these projects and more enclosed in the "Alpha Experience" section of this proposal.

Alpha's design team has the knowledge, experience, and capacity to complete all aspects of your building renovation/restoration and sunken courtyards project. We look forward to sharing additional information and qualifications with you in an interview.

Sincerely,

ALPHA ASSOCIATES, INCORPORATED

Richard A. Colebank, PE, PS

President and COO

rcolebank@alphaaec.com



Project Approach

Alpha Associates, Incorporated

Alpha Associates, Incorporated is unique in the manner in which we approach projects. Each project is approached individually and a project team is selected. The project team consists of internal and external participants. Internally at Alpha, we provide architectural design, civil and structural engineering, surveying, interior design and landscape design. Many of those services will be utilized for your project.

At Alpha Associates, even though you are provided multiple services, you still have a single point of contact. For your project, **Mr. Richard Colebank** was selected to act as Principal-In-Charge and your single point of contact. **Ms. Rebecca Key** will be the Architect and Project Manager for your project. Alpha has 33 staff members with available capacity to begin your exterior renovations immediately. The staff will make your project a priority.

Alpha has chosen two design partners to enhance our team:



CL Pifer & Associates has more than 10 years experience providing landscape design services throughout West Virginia. Their influence can be seen throughout West Virginia, with designs for the Morgantown Board of Parks and Recreation, Bridgeport Parks, the Erickson All Sports Complex, as well as The Highlands Development in Wheeling. CL Pifer will be an integral part of the sunken courtyards and water feature design.



Miller Engineering, Inc. will provide design of the mechanical, electrical, fire safety and plumbing engineering that may be needed. **Miller Engineering** is a Morgantown, WV based design firm that has multiple projects with Alpha Associates. Miller designs systems that meet the needs of the client, without over designing and equipping the facility.



Your Project

Alpha will approach the restoration and cleaning of Building No. 9 (Cultural Center) with a respect for the 1976 modern stone façades. The first element in any approach to the repair, restoration and/or cleaning of any masonry structure is to determine the reasons for cleaning. The reasons could range from a mere desire to improve the appearance by removing decades of soil or to retard further deterioration of existing masonry by removal of material that is damaging the masonry

Identification of the material to be removed in conjunction with identifying the gentlest removal method available is crucial to a successful project. It may also become necessary to provide test areas to determine the “best” method of cleaning, prior to developing contract documents.

If the building is suffering leaks and moisture either through the exterior envelope or near joints, and roofs, then these elements need to be identified and repaired prior to any cleaning process that is undertaken. Moisture penetration to the interior of a masonry building is usually not because of porosity of the masonry, but due to maintenance issues that have been deferred. These items will have to be identified during the development of contract documents.

The courtyard features will be evaluated for ADA accessibility with solutions provided in accordance with the latest accessibility guidelines. The overall design incorporating water features and accessibility should have a goal of complimenting the existing building and not to detract from, but to enhance the appearance and usability of the spaces.

Crucial to the development of any contract documents is an evaluation of the building and courtyard, along with a discussion held with the building occupants so as to provide the most complete design and bid documents.

Firm Profile

ALPHA ASSOCIATES,
INCORPORATED

2009



Firm Profile

Alpha Associates, Incorporated

Firm Name: Alpha Associates, Incorporated

Corporate Office: 209 Prairie Avenue
Morgantown, West Virginia 26501

Eastern Regional Office: 535 West King Street
Martinsburg, West Virginia 25401

Incorporated: 1969; Morgantown, West Virginia

Firm Principals: Richard A. Colebank, PE, PS; President and COO
Richard W. Klein, PE, PS; Chairman and CEO
William A. Atwell, Jr., PE; Senior Vice President
James A. Davison, AIA; Vice President
Charles B. Luttrell, PE; Principal
Steven V. Buchanan, PE, PS; Principal
Matthew S. Breakey, AIA; Principal
Charles B. Branch, PE; Principal

Number of Employees: 33 Employees



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



ARCHITECTS • ENGINEERS • SURVEYORS



Firm Overview

C. L. Pifer & Associates, LLC is a design and engineering firm focused on our Clients. We invest the necessary time and resources to understand the Clients' latest developments, regulatory issues, trends, drivers, challenges and success factors. It is our business to meet the needs of --

Government

Infrastructure Design and Engineering; Stormwater Management; Regulatory Compliance; GIS; Financing; Construction Administration; Transportation Services.

Land Development

Planning; Zoning; Site Development with Preliminary and Final Design; Site Utilities; Transportation and Access Management; Environmental Studies; Landscape Architecture; Master Planning; Survey and Construction Staking.

Institutional Development

Master Planning for New and Existing Campuses; New Building Sites; Utilities, Traffic and Parking; Pedestrian spaces and Walkways; Amphitheaters; Courtyards; ADA compliance Playgrounds; Athletic Fields; Landscaping; Site Lighting; Signage.

Parks, Trails and Greenways

Entry Features (Signage); Passive and Active Park Design; Master Planning; Streetscapes; Trail and Greenway Systems; Wetland and Stream Preservation and Restoration.

Survey Services (sub-consultant)

GPS; Utility Mapping; Boundary; Right of Way; Topographic; ALTA; Platting.

WHO WE ARE

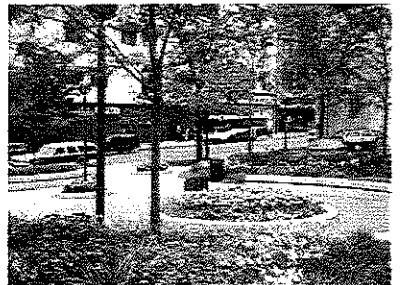
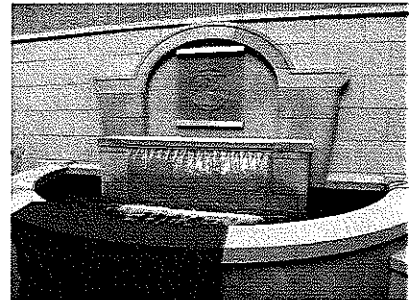
C. L. Pifer & Associates, LLC is a design firm with the mission to serve our clients needs while keeping our clients budget in mind. We have over eleven years of experience of serving our clients in the state of West Virginia. We have been in the state since the firm inception and take pride in our local community development.

LOCATIONS

We are located in Parkersburg, West Virginia. We are within sixty minutes of the project site to provide immediate assistance if any problems arise. We are available by phone, internet and car to be available for the Project's needs at all times. Being a smaller firm, we are there for all issues and have the ability to focus our attention for our clients needs.

SOLUTIONS

We deliver superior client service. Others can say this, but C. L. Pifer delivers practical, innovative, executable plans and solutions. We measure our success through *Client Relationships, Project Delivery, Funding Assistance and Innovative Technical Expertise*. We also base our success on our long line of repeat clientele who continue to use our services due to project successes.



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.

Berkeley Springs Bath House

HISTORICAL
RENOVATION
2009

environmental

Historic Case Studies

Project Description

Berkeley Springs Bath House Berkeley Springs, WV

Alpha Associates, Incorporated designed the renovation of this historic landmark originally built in 1929 with a 1949 addition. The Bath House in Berkeley Springs State Park is open to the public and is operated year round by the Park Service. Approximately 12,000 people are served by the facility in a typical year, most staying at the nearby inn while others are from the surrounding community.

The renovation includes restoration of the historic masonry exterior. New hot water storage tanks and boilers are a major component of the design, as well as, central air-conditioning, which the Bath House never had before.

The interior will have added amenities such as whirlpool baths. The Bath House will be upgraded to reflect a more "spa-like" ambiance. The existing Roman Baths will have new liners and saunas will be added for the benefit of the Bath House patrons. It is anticipated the project will be completed summer of 2009.

At A Glance...

- 1 *Client:*
Division of Natural Resources
- 2 *Location:*
Berkeley Springs, WV
- 3 *Completion Date:*
Summer 2009
- 4 *Size:*
7,127 square feet
- 5 *Construction Cost:*
2.2 Million

Reference:

Brad Leslie, PE
WV Division of Natural Resources
Capitol Complex,
Bldg. 3, Room 723
Charleston, WV 25305
304-558-2764



ARCHITECTS • ENGINEERS • SURVEYORS

Cass Scenic Railroad Clubhouse

HISTORICAL
RENOVATION
2009

11

Historic Case Studies

Project Description

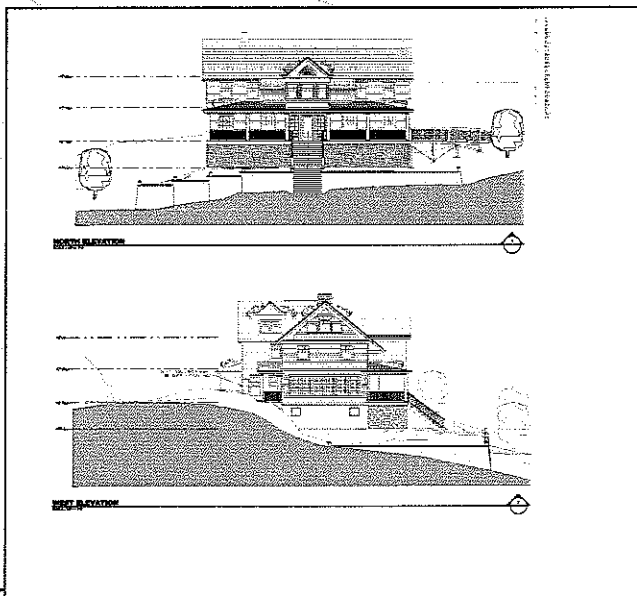
Cass Scenic Railroad - Clubhouse Renovation Cass, WV

Alpha Associates, Incorporated performed an evaluation of the building condition, structural foundation, and mechanical and electrical systems of the Clubhouse at Cass Scenic Railroad to document the historic structure and utilize the information to determine what the best use of the building would be for the Division of Natural Resources. Alpha then designed the renovation of this historic landmark originally built in 1916.

Renovation of the Cass Clubhouse was first developed as a lodge concept. When that was deemed too costly, the renovation/restoration design was confined to the exterior building shell and first floor. This will stabilize the building and "fix" major problems while allowing the first floor to be operated as a museum. The upper floor will be "moth-balled" until another use and/or funding is available. The project is anticipated to be completed in late spring 2009.

At A Glance...

- 1 *Client:*
Division of Natural Resources
- 2 *Location:*
Cass, WV
- 3 *Completion Date:*
Spring 2009
- 4 *Size:*
5,163 SF
- 5 *Construction Cost:*
\$505,000



Reference:

Brad Leslie, PE
WV Division of Natural Resources
Capitol Complex,
Bldg. 3, Room 723
Charleston, WV 25305
304-558-2764



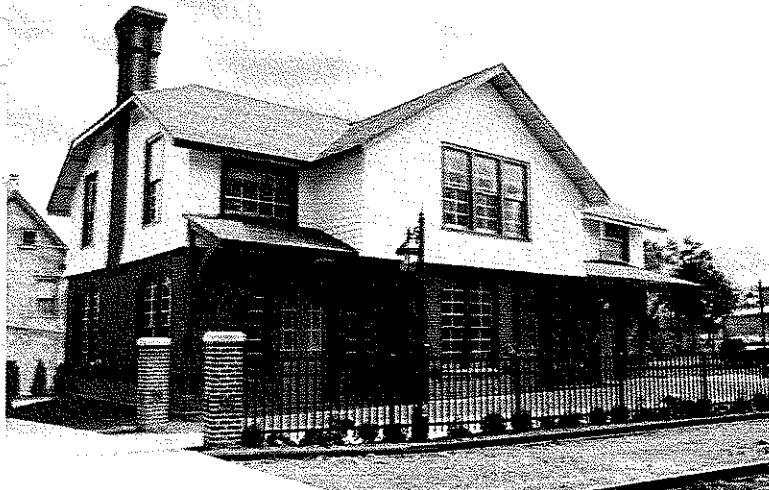
ARCHITECTS • ENGINEERS • SURVEYORS

Historic Case Studies

Project Description

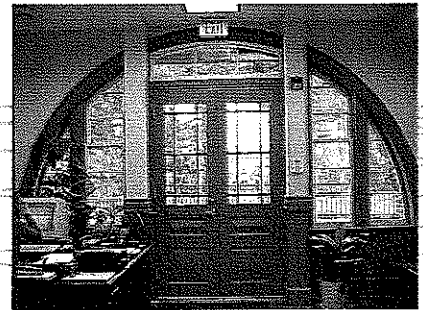
KCAD Professional Office Building Martinsburg, WV

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



At A Glance...

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



Reference:

Richard Klein, PE, PS
KCAD Properties
535 West King Street
Martinsburg, WV 25401
304-264-0051



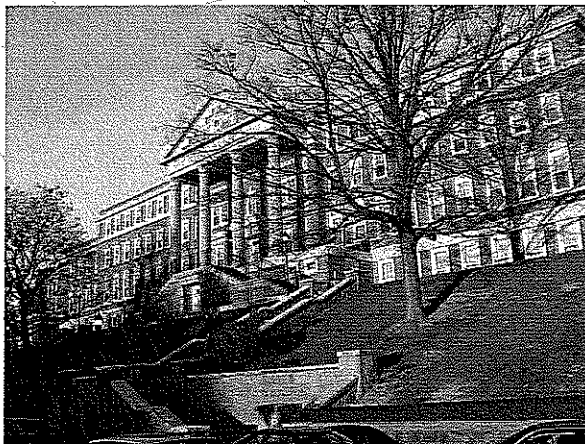
Higher Education Case Studies

Project Description

West Virginia University-Stalnaker Hall Morgantown, WV

The original center section of Stalnaker Hall was completed in 1919, with two additional wings added in 1939. This renovation project replaced dormitory-style quarters with suites containing 306 bedrooms and shared living space. The food services area of Stalnaker Hall also underwent renovations. Alpha Associates, Incorporated teamed with a national A/E firm to provide civil engineering, structural engineering and construction administration. The 95,000 square foot project included the following: restoration/reconstruction of entire building, ADA parking area, ADA ramps, new sidewalks and steps, handrails and landscaping, asbestos abatement, skylights, new roof, elevator, window replacement.

This building required extensive demolition, including demolition of all rooms and load bearing walls on both the North and South wings. The center wing included complete gutting of all floors with only the exterior wall remaining. This project also included underpinning of the existing structure to add basement space.



At A Glance...

- 1 Client:
West Virginia University
- 2 Location:
Morgantown, WV
- 3 Completion Date:
1993
- 4 Size:
95,000 SF
- 5 Construction Cost:
\$12 Million

Reference:

Charlie Robison
Contract Specialist
West Virginia University
979 Rawley Lane
Morgantown, WV 26506
304-293-5280



Education Case Studies

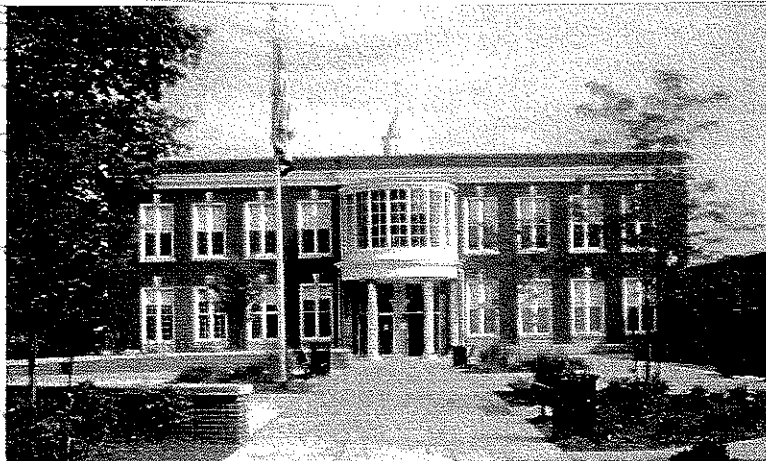
Project Description

Morgantown High School **Morgantown, WV**

This \$9 million renovation/addition project was designed to connect existing buildings on a restricted in-town site with underground utilities, complex traffic issues and the need to maintain school operations during construction. Working closely with the Division of Culture and History of West Virginia, a design was created for the addition that blends a modern, updated facility with the architectural beauty of the School's historic surroundings. The project received a Design Award from the West Virginia Society of Architects.

At A Glance...

- 1 *Client:*
Monongalia County
Board of Education
- 2 *Location:*
Morgantown, WV
- 3 *Completion Date:*
2000
- 4 *Size:*
54,000 SF Addition
- 5 *Construction Cost:*
\$9 Million



Reference:

Frank Devono
Superintendent
13 South High Street
Morgantown, WV 26501
304-291-9210



Education Case Studies

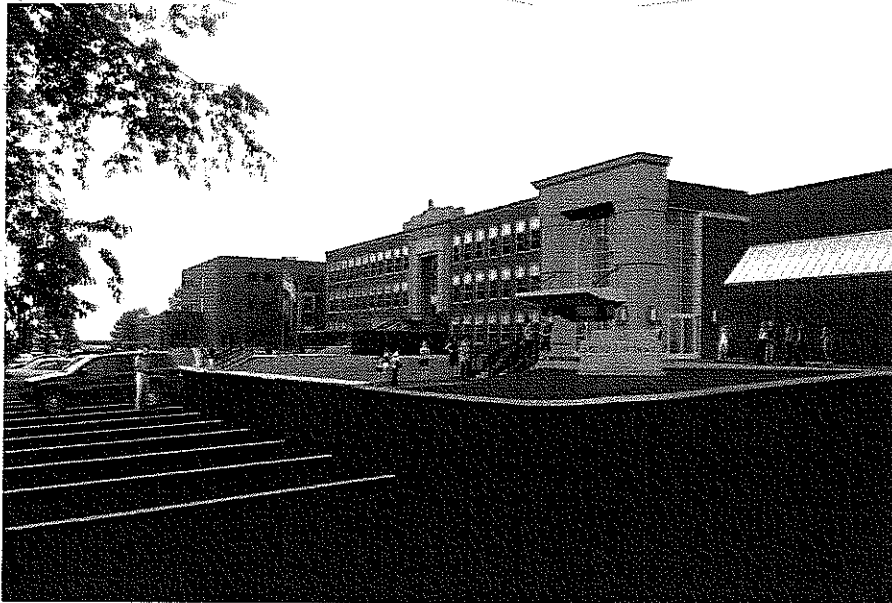
Project Description

**University Middle School
Morgantown, WV**

Alpha Associates, Incorporated designed the renovation of the old University High School building to transform it into a middle school. The renovation includes new interior finishes, new HVAC and sprinkler systems, new roof, new entryway, and the paving of parking lots and access road to comply with ADA regulations.

The project consisted of the demolition of the 80 year old boiler heating system, removing existing wall partitions and floor coverings, and the abatement of asbestos containing materials.

The renovation also includes relocating the administrative offices adjacent to the buildings primary entrance. The lobby addition adds a secure entry to the building during school hours to enhance student safety.



At A Glance...

- 1 *Client:*
Mon County Board of Education
- 2 *Location:*
Morgantown, WV
- 3 *Completion Date:*
Est. 2009
- 4 *Size:* N/A
- 5 *Construction Cost:*
\$8.4 Million

Reference:

**Frank Devono
Superintendent**
13 South High Street
Morgantown, WV 26501
304-291-9210



**WVU Potomac State
College Connecting
Link**

PLANNING, DESIGN, AND
CONSTRUCTION PROJECT
2008

Higher Education Case Studies

Project Description

**WVU Potomac State College
Connecting Link
Keyser, WV**

The main purpose of the project is to provide handicapped individuals access to two of the most utilized buildings on the campus: the Administration Building and Academy Hall. An addition constructed between these two buildings with differing floor elevations allowed this to occur.

Through the use of an elevator, multiple ramps, and new corridors, wheelchair access is available to all public areas of both buildings. Renovations of classrooms and toilet rooms were also made to meet ADA regulations.

At A Glance...

- 1 *Client:*
West Virginia University
- 2 *Location:*
Keyser, WV
- 3 *Completion Date:*
2008
- 4 *Size:*
3,600 SF Addition
11,200 SF Renovation
- 5 *Construction Cost:*
\$1.4 Million



ARCHITECTS • ENGINEERS • SURVEYORS

Higher Education Case Studies

Project Description

West Virginia University—Coliseum Renovation Morgantown, WV

Alpha Associates, Incorporated provided design services as a consultant to Apex Environmental during the WVU Coliseum asbestos abatement project. Alpha provided design services for the new structural scaffold system, wood gymnasium floor, motorized bleacher system, repairs and design of ceiling replacement in the concourse area and structural inspection of the dome. Alpha also provided consultation and design services for the scoreboard structural support system.



At A Glance...

- 1 *Client:*
West Virginia University
- 2 *Location:*
Morgantown, WV
- 3 *Completion Date:*
2000
- 4 *Size:*
N/A*
- 5 *Construction Cost:*
N/A*

**This portion of the contract is a small part of entire project*

Reference:

Joe Fisher
West Virginia University
P.O. Box 6572
Morgantown, WV 26506
304-293-7202



SUMMARY

Mr. Colebank is President and Chief Operating Officer of the firm. Mr. Colebank has been with Alpha Associates, Incorporated since 1985. He began his career with Alpha as a staff engineer and progressed through the ranks from Project Manager to his current position. Mr. Colebank has worked with diverse clients such as West Virginia University, City of Morgantown, The West Virginia Division of Highways, WVU Foundation and the Morgantown Municipal Airport, as well as numerous private clients. Since 1988, Mr. Colebank has been the Principal-In-Charge of many of the Civil Engineering projects developed at Alpha. In his current capacity, Mr. Colebank provides financial and administrative guidance for the day-to-day operations of the company while continuing to manage Civil Engineering Projects.

PROFILE

Broad-based responsibilities in the following areas:

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

PROFESSIONAL HIGHLIGHTS

PRINCIPAL-IN-CHARGE

Transportation Projects:

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

Civil Engineering Projects:

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

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, Ohio
Professional Surveyor:
West Virginia
Certified Private Pilot

AFFILIATIONS

PROFESSIONAL: West Virginia Society of Professional Engineers; Member
American Society of Civil Engineers; Member
National Society of Professional Engineers; Member
Former NSPE/PEPP Governor of WV
ACEC/WV; President

CIVIC: University High School Foundation; Charter Member; Current
President
Morgantown Area Chamber of Commerce; Past Chairman
Arts Monongalia Board; Member
Monongalia County MPO Technical Advisory Committee;
Member
Morgantown Area Economic Partnership; Member
University High School Athletic Booster; Member
Aircraft Owners and Pilots Association (AOPA)
University High School Athletic Field Committee



SUMMARY

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

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

PROFILE

Broad-based responsibilities in the following areas:

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

PROFESSIONAL HIGHLIGHTS

ALPHA ASSOCIATES

Educational Facilities:

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

Financial Institutions:

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

Industrial Facilities:

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

Medical Facilities:

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



Residential Architectural Design:
 • Augusta Apartments; Morgantown, WV

Historic Renovations:
 • Cass Club House; Cass, WV
 • Berkeley Springs Bath House; Berkeley Springs, WV

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

EMPLOYMENT HISTORY

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

EDUCATION

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

QUALIFICATIONS

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

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

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

PROFILE

Broad-based responsibilities in the following areas:

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

PROFESSIONAL HIGHLIGHTS

STRUCTURAL ENGINEER:

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

PROJECT MANAGER:

Bridge Design:

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



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

EMPLOYMENT HISTORY

PRIVATE INDUSTRY: 1996 – Current Alpha Associates, Incorporated
1995 – 1996 Larry D. Luttrell, PE, Ph D
1991 – 1994 West Virginia University
1990 – 1991 WVU Constructed Facilities Center

EDUCATION

GRADUATE: West Virginia University
MS – Structural Engineering; 1995

UNDERGRADUATE: West Virginia University
BS – Civil Engineering; 1993

QUALIFICATIONS

LICENSE: Professional Engineer:
West Virginia, Maryland, Pennsylvania

AFFILIATIONS

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

RESEARCH EXPERIENCE

STRUCTURAL: Cold Formed Steel Deck Research

- Fastener failures
- Edge conditions/failures
- Buffered overlap shear failures

Composite Cold Formed Steel and Concrete Deck Research

- Line load behavior/failures
- Concentrated load behavior/failures
- Web crippling
- Punch failures



SUMMARY

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

PROFILE

Training and expertise in the following areas:

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

PROFESSIONAL HIGHLIGHTS

Delineator:

- Supervised field teams and office staff delineating historic industrial sites, processes, and structures to the Secretary of the Interior's Standards for Historic American Building Survey/Historic American Engineering Record.
- Supervised field team for the study and preservation of historic landscapes as a supplement to the Nomination of the Skyline Drive to the National Register of Historic Places.

Zoning Administrator:

- Collaborated with the City Planner, City Attorney, and City Planning Commission to draft and facilitate the adoption of a substantive amendment to the City of Fairmont Zoning Code.
- Collaborated with City Planner and Planning Commission of the substantive amendment of the City of Fairmont Zoning Map.
- Provide staff reports and technical assistance to the Fairmont Board of Zoning Appeals on Variance and Appeals hearings.
- Provide zoning assistance to builders, and general public on a daily basis.



Planner:

- Collaborated with the City Planner, and Planning Commission to draft and facilitate the adoption of the ten year update of the City of Fairmont Comprehensive Plan.
- Written applications, and administered Small Cities Block Grant, Department of Justice Grant, Governors Community Partnership, and Local Economic Development Assistance Grant, Transportation Enhancement, and Recreational Trail Grants

Landscape Designer:

- Designed the planting plan for the Alumni Drive Parking Lot in Morgantown WV.
- Developed site design including planting plan for the Clear Mountain Bank in Reedsville, WV.
- Designed planting plan for Monongalia General Hospital Medical Office Building parking lot in Morgantown, WV.
- Assisted with wetland delineation for Lamberts Run Passive Acid Mine Drainage Treatment System in Harrison County, WV.
- Assisted with wetland delineation for Morgantown Municipal Airport Access Road Project in Morgantown, WV.
- Assisted with pedestrian circulation study for three locations at West Virginia University in Morgantown, WV.
- Collaborated on planting plan of West Virginia University Evansdale Campus Improvement Project in Morgantown, WV.

EMPLOYMENT HISTORY

PRIVATE INDUSTRY:	2008	Alpha Associates, Incorporated
	2002-2008	City of Fairmont
	1997-2002	Marion County Commission
	1990-1997	IHTIA Eberly College of Arts and Sciences WVU
	1998-1989	Landscapes Unlimited

EDUCATION

UNDERGRADUATE:	West Virginia University BS – Landscape Architecture; 1991
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AFFILIATIONS

CIVIC:	Habitat for Humanity, Marion County Affiliate Board Vice President
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Water Feature Designs



C. L. PIFER & ASSOCIATES LLC
 LANDSCAPE ARCHITECTURE • LAND PLANNING

CLIENT:

Marietta Memorial Hospital, The Diocese of Wheeling/Charleston, The Highlands Development in Wheeling, WV

LOCATION:

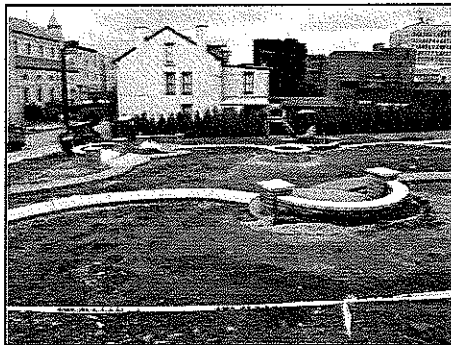
Marietta, OH; Wheeling, WV

C. L. Pifer & Associates, LLC has worked with several water features within the state of West Virginia and Ohio for more than twelve years. Water features have included central focus features reaching \$250,000 in construction costs, water features in healing centers for acoustic and aesthetic amenities, and water features in central courtyard areas.

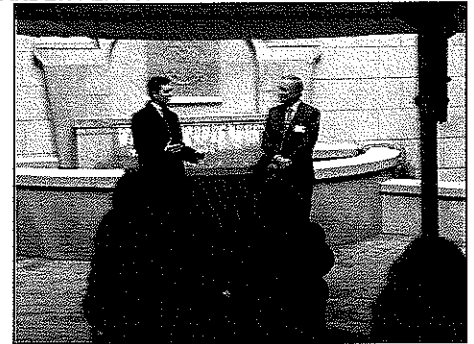
Water features can be used in many ways and for multiple purposes. C. L. Pifer's most recent projects are currently under construction other than the healing center water wall in Marietta, OH. Currently, C. L. Pifer is working on water features totaling over \$350,000 in construction costs.



MARIETTA MEMORIAL HOSPITAL COURTYARD WATER WALL HEALING GARDEN FEATURE

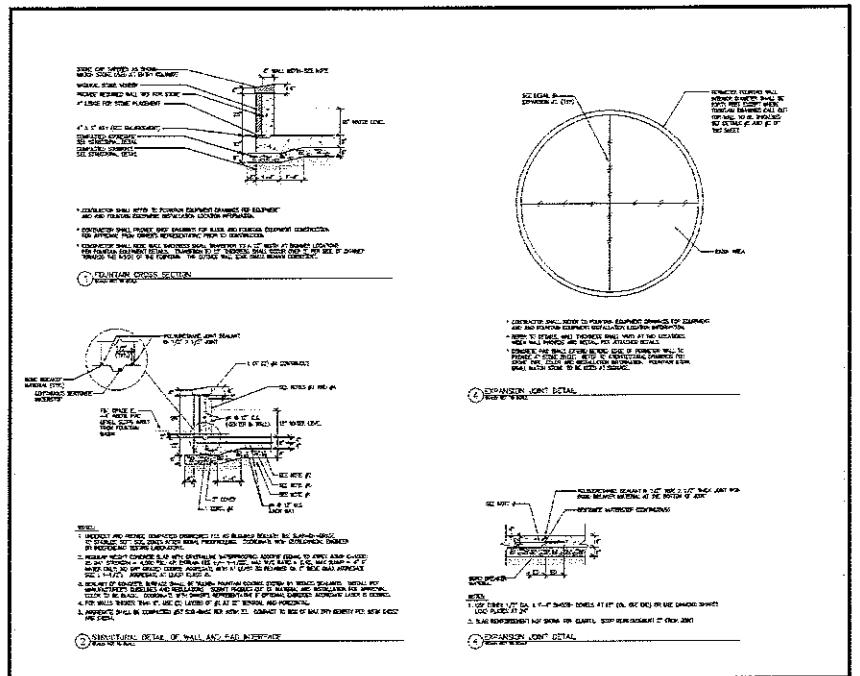
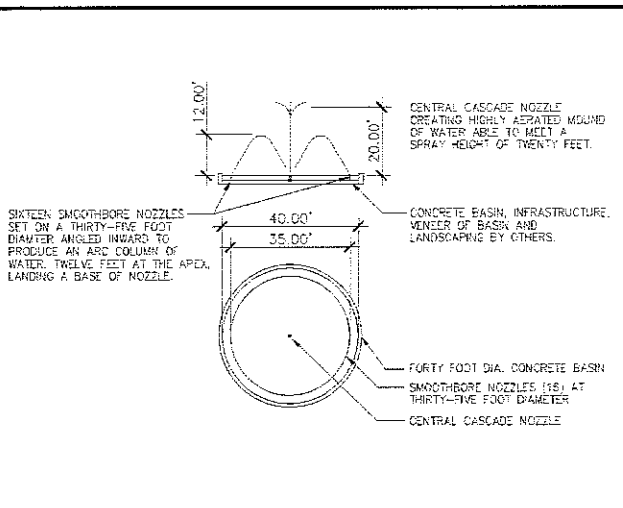


DIOCESSE OF WHEELING-CHARLESTON BUBBLER FOUNTAIN UNDER CONSTRUCTION



MARIETTA MEMORIAL HOSPITAL COURTYARD WATER WALL HEALING GARDEN FEATURE

THE HIGHLANDS PROJECT IN WHEELING, WV NEAR THE NEW CABELLA'S PROJECT. CENTRAL WATER FEATURE BID AT MORE THAN \$250,000. PROJECT WILL BE CONSTRUCTED VERY SOON, MATERIAL HAS BEEN PURCHASED.





Clay Center for the Arts and Sciences of WV

CLIENT:

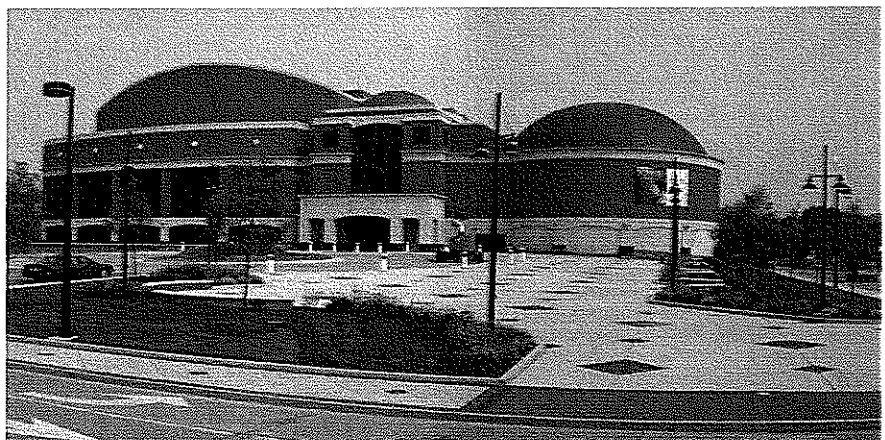
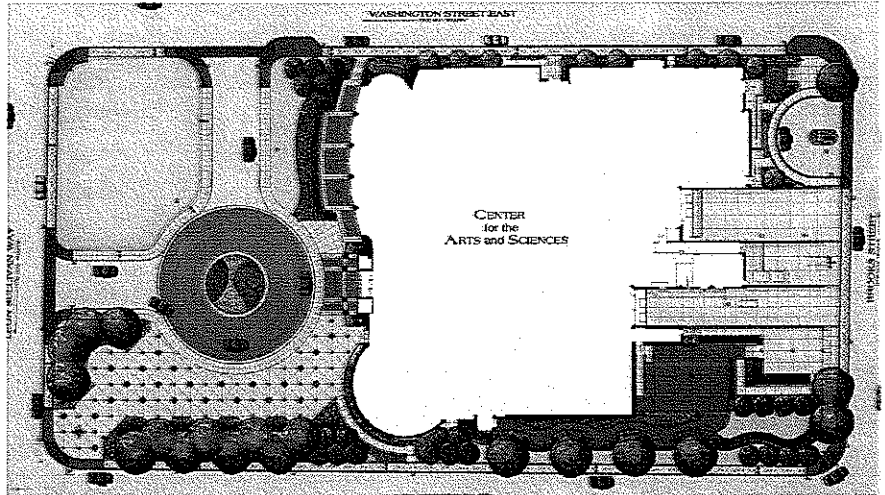
Gates Calloway Moore & West
Architects and
The Clay Center for the Arts and Sciences
of West Virginia

LOCATION:

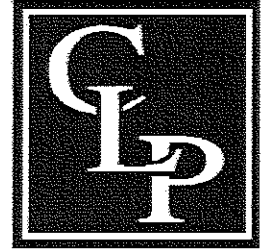
Charleston, West Virginia

The Clay Center for the Arts and Sciences of West Virginia is a \$114 mil. (estimated) project that houses a 1800 seat performing arts center and the relocated Sunrise Museum and Planetarium. The facility is situated in downtown Charleston, West Virginia on a highly visible city block near the Broad Street exit and Brooks Street entrance to Interstate 64.

Clinton L. Pifer was integrally involved in the design process for the facility from the beginning of the design development phase in 1998 and has subsequently been involved with or responsible for all site design elements which included vehicular and pedestrian circulation, the performance hall terrace, the entry plaza, and science museum courtyard, site lighting, site utilities, service areas and site landscape development. Mr. Pifer was also involved in all aspects of the construction administration for the project. This project has also set the theme for future streetscape enhancements along Washington Street from the Clay Center to the WV State Capitol.



Highlands Town Center Development



CLIENT:

Ohio County Development Authority

LOCATION:

Wheeling, West Virginia

Highlands Town Center

Although currently under construction, C. L. Pifer & Associates is on the design team for the Highlands Town Center Development near Cabella's in Wheeling, West Virginia. C. L. Pifer is responsible for all site softscape and hardscape elements for the site. This involves analyzing interface between pedestrian and vehicular traffic, best ingress and egress scenarios, arrangement of structures to best fit all needs for the entire development and incorporating design elements to work together in an orderly fashion. The preliminary site estimate was 3.25 million dollars for hardscape and softscape elements. C. L. Pifer also helped to design a central fountain feature estimated at \$250,000.

The Highlands Town Center focuses shops, parklike settings, restaurants, and businesses in the center of the development and pushes parking and heavy vehicular traffic to the exterior of the site.



Courtyard and Water Feature Experience



C. L. Pifer and Associates, LLC has extensive experience with courtyard design and water feature projects. Services have included facilitating public meetings and programming, site analysis, planning, design, grant writing, preparation of contract and bidding documents and construction administration. C. L. Pifer has been involved in over seven million construction dollar projects that deal with courtyard design and water feature development.

The following is a list of similar projects for experience review. The projects listed are provided to give an idea of relative project experience and expertise.

PROJECT: The Highlands Town Center Development, Wheeling, WV

This project is located in the same development as Cabela's and The Power Center in Wheeling, WV. The site design package is estimated at over \$3 Million dollars. The site design has street-scape, plaza, courtyard, park and activity elements addressing the continual conflicts between pedestrian and vehicular traffic as well as creating conducive spaces for pedestrian involvement and relaxation. The central water feature for this project was bid at over \$250,000.00.

REFERENCE: Mr. Greg Stewart, Owner/Developer, 304-234-3893

PROJECT: Clay Center for the Arts and Sciences, Charleston, WV

This project focused on an entire city block in downtown Charleston, West Virginia. The project included three courtyard areas and one in particular including a water feature for pedestrian involvement. The entire site involvement was worth more the 1.8 million dollars.

PROJECT: Tamarack Welcome Center

This project focused on providing a conducive environment to create pedestrian courtyard and interactive space while reducing the conflict between vehicular and pedestrian traffic. The second phase produced a courtyard for outdoor events for the public.

PROJECT: Marshall University Campus Improvements, Huntington, WV

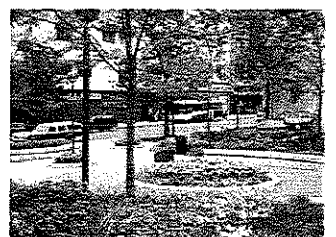
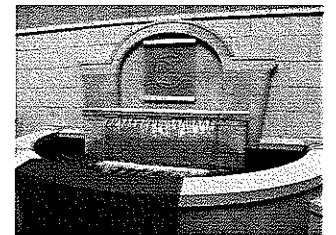
This project focused on developing the campus as a unified development. Improvements included the dedication plaza for the fallen football team which revamped the exterior courtyard by adding paver, detailed concrete, and water feature improvements. Further projects also included plaza space development for the Student housing Improvements Project.

PROJECT: Various courtyard improvement projects.

Projects include courtyard projects and water features at the new West Virginia Alumni Center, The new development at the University of Concord in Athens West Virginia, the courtyard at the Marietta Memorial Hospital and the fountain development at the Diocese of Wheeling-Charleston.

PROJECT: ADA Compliance

C. L. Pifer & Associates is constantly involved in making sure projects meet ADA compliance. Projects include developing ADA compliant ramps to access various areas as well as developing ADA compliance to all pedestrian areas of all projects. ADA compliance is required for all new Projects.



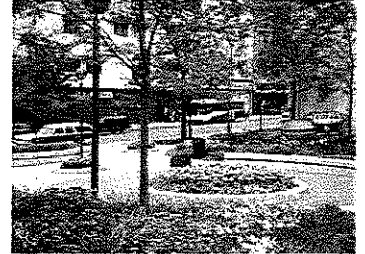
C. L. Pifer Project Team Management

C. L. Pifer & Associates, LLC has the capacity to provide the services required to assist the assembled design team to complete a successful project for our client.



Mr. Clinton L. Pifer, ASLA, President of C. L. Pifer & Associates, will serve as the Managing Principal and provide project management responsibilities. Mr. Pifer will be responsible for contract negotiations, contract administration, monitoring project schedules and budget compliance. Mr. Pifer would also be responsible for assuring an orderly and timely flow of appropriate information to make sure the Client's needs are being met throughout the project. The project management approach will assure continuity of design, engineering and construction services through the life of the project. It will also insure that manpower is properly allocated to deliver a completed project on time and within budget.

Mr. Pifer is an honors graduate of West Virginia University's School of Landscape Architecture with over eleven (12) years of practicing experience with numerous projects types. He holds his professional registration in the State of West Virginia and obtaining registration in the states of Ohio, Virginia, Pennsylvania, South Carolina and North Carolina. Mr. Pifer has extensive project management experience with a variety of projects including master planning, design and construction implementation. Recent relevant projects include: Parkersburg Downtown Streetscape Enhancements, Merchant Street Streetscape in Fairmont, the Clay Center for the Arts and Sciences, The Highlands project in Wheeling, the Mannington Streetscape Project, and the Campus Improvements Projects at Marshall University. Mr. Pifer has designed, managed, and administered site and streetscape projects that individually have construction budgets over \$3 million dollars.



CLINTON L. PIFER, ASLA
President



C. L. PIFER & ASSOCIATES LLC
LANDSCAPE ARCHITECTURE • LAND PLANNING

TECHNICAL SKILLS

- Project Management
- Inventory & Analysis
- Site Development
- Schematic Design
- Conceptual Design
- Master Planning
- Construction Documentation
- Construction Administration

REGISTRATION

- Landscape Architect – West Virginia

EDUCATION

B.S. in Landscape Architecture (Magna cum laude), 1997
West Virginia University

HONORS AND AWARDS

West Virginia Chapter Area Honor Award

- Blennerhassett Island Historical State Park
- West Virginia Chapter ASLA Merit Award
- Clay Center for the Arts and Sciences
- Aleece Gresham Gardens, Bethany College

PROFESSIONAL AFFILIATIONS

American Society of Landscape Architects (ASLA)
West Virginia Chapter of ASLA
Mid-Ohio Valley Homebuilders Association
Wood County Relay for Life
American Institute of Architects (AIA)
Associate Member

Mr. Pifer has extensive experience on a wide range of projects including parks, trails and greenways master planning and development, institutional development, commercial/retail development, campus planning, campus housing, streetscape development, residential developments, and athletic facilities. Different phases of the design process include project management, inventory and analysis, site reconnaissance, schematic development, conceptual design, master planning, construction documentation, and construction administration.

Mr. Pifer utilizes a team approach in project development and project management. Communication between the Owner and Design Team facilitates aesthetically pleasing solutions within the project budget. Furthermore, this approach aids the flow of the project during the construction administration phase of project management.

Prior to starting C. L. Pifer & Associates LLC, he operated a branch office for a Civil Engineering/Landscape Architecture/Land Planning firm in Vienna (Parkersburg), West Virginia.

SELECTED PROJECT EXPERIENCE

Downtown Revitalization and Beautification Master Planning, Middlebourne, WV - Project Manager for the Middlebourne Downtown Beautification and Revitalization Project. Worked with the design committee to obtain transportation enhancement funding as well as preliminary master planning for the downtown streetscape.

Various Parkersburg Streetscape Projects, Parkersburg, WV – Facilitated design and construction of Fifth Street Streetscape improvements. Coordinated transportation enhancement funding with project design and completion. Involved with construction design and administration of Market Street streetscape improvements. Involved in construction design of Seventh Street streetscape improvements.

The Highlands Project, Wheeling, WV – Multiple Streetscape projects in the development of the mixed-use streetscape and pedestrian circulation development currently under design and construction adjacent to Cabella's. Project site work estimated at over 3.25 million dollars.

Neighborhood and Merchant Street Revitalization, Fairmont, WV – Masterplanning of neighborhood revitalization and Merchant street streetscape. This led to the construction of the Merchant street streetscape with WVDOH transportation Enhancement funding. Completed project within limited budget.

Bridgeport Parks Masterplanning, Bridgeport, WV – Comprehensive Analysis of Park and Recreation Facilities as well as neighborhood streetscape and trail connections throughout the City to develop a pedestrian circulation connectivity for entire city.

**FIRE PROTECTION AND FIRE ALARM RELATED
PROJECT EXPERIENCE**



GREER BUILDING HVAC, FP, and ELECTRICAL RENOVATION

GREER BUILDING – Morgantown, WV

Scope: Design HVAC and Electrical Upgrade required Fire Protection Upgrade. Building has hose stream in place but no sprinkler systems. Project expands system to full sprinkler coverage.

Status: Electrical upgrade completed, HVAC and Sprinkler work in bidding..

MED EXPRESS CORPORATE HEADQUARTERS

MED EXPRESS – Morgantown, WV

Scope: Complete shell out of building to turn grocery store into corporate headquarters; including Fire Protection and Alarm. Fire Protection included Corporate Data Center with Halon type suppression systems.

Status: Complete

FMW COMPOSITE SYSTEMS INC. – HAZELTON PLANT

Hazelton, WV

Scope: Design MEP and FA – FP systems for new carbon fiber production facility. Many levels of alarm and fire protection required. Process includes many flammable and volatile gases and chemicals yet must also protect production equipment. Facility includes storage with significant FP requirements.

Status: Construction Beginning Fall 2009

ADVANCE MEDICAL HOSPITAL

WASHINGTON MEDICAL ASSOCIATES – Washington, PA

Scope: New 67,000 sq.ft. Orthopedic surgical hospital. Designed ME, Fire Protection, Fire Alarm for full facility including OR's, Patient and diagnostic areas.

Status: Construction Phase 20% Complete

PRESTON COUNTY 911 CENTER

Kingwood, WV

Scope: Design MEP, Fire Alarm, Fire Protection Systems for 911 Center with extensive operational and redundancy requirements.

Status: Beginning Construction Phase

WVU BOREMAN BISTRO RENOVATION

WVU Morgantown, WV

Scope: Design MEP, Fire Protection, and Fire Alarm systems for renovation of commercial kitchen and dining hall in 1927 structure. Included new cooking hoods and associates fire suppression systems.

Status: Complete

PHI PSI FRATERNITY HOUSE

Morgantown, WV

Scope: Design MEP, Fire Protection, Fire Alarm for multi-storey fraternity house. High level of Fire protection and Fire Alarm required.

Status: Complete

THE AUGUSTA

Morgantown, WV

Scope: Design MEP, Fire Protection, Fire Alarm for multi-storey, multi building residential complex with underground parking and commercial space.

Status: Complete

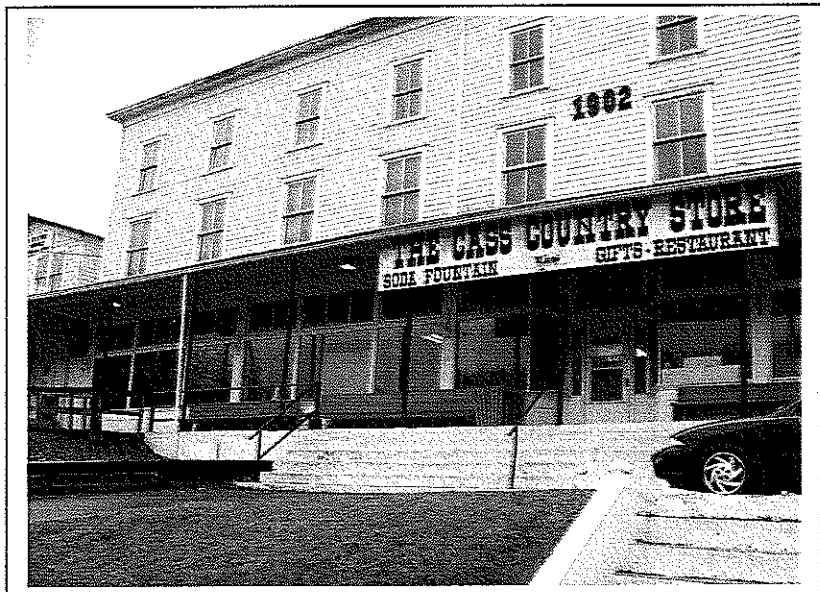
PROJECT: CASS COUNTRY STORE HEATING
LOCATION: CASS, WV



MEP TECHNICAL HIGHLIGHTS:

Total Project Budget:	\$575 (est)
MEP Budget:	\$295 (est)
Facility Area:	Approx 32,000 SF
Services Provided:	Mechanical
Project Status:	Existing
Project Completion Date:	Phase 2 - June 2009

The 1902 building originally served the region as a furniture store and was made part of the Cass Scenic Railroad in the 1960's. The Owner's complaints included uneven heating, repeated steam leaks and boiler safety concerns. Phase one of the project consists of a heating system evaluation, detailed recommendations, and preparation of preliminary budget cost to implement the repair/ replacement of the heating system. Phase two is the follow on implementation of the report recommendations. The existing coal fired boiler is being replaced with high efficiency, propane fired boilers and the steam radiators are being replaced with HW fan coils giving the facility some zone level control.



PROJECT DESCRIPTION:

Located in the charming, historic town of Cass, WV, the Cass Country Store complements the Cass Scenic Railroad State Park which transports passengers back in time for an unforgettable adventure. The first phase of the project was to evaluate the existing steam heating system and its components. The existing steam system was a rather unique single pipe system. The building originally boasted a steam powered elevator. MEI performed a detailed survey of the system and determined that a full replacement was required.

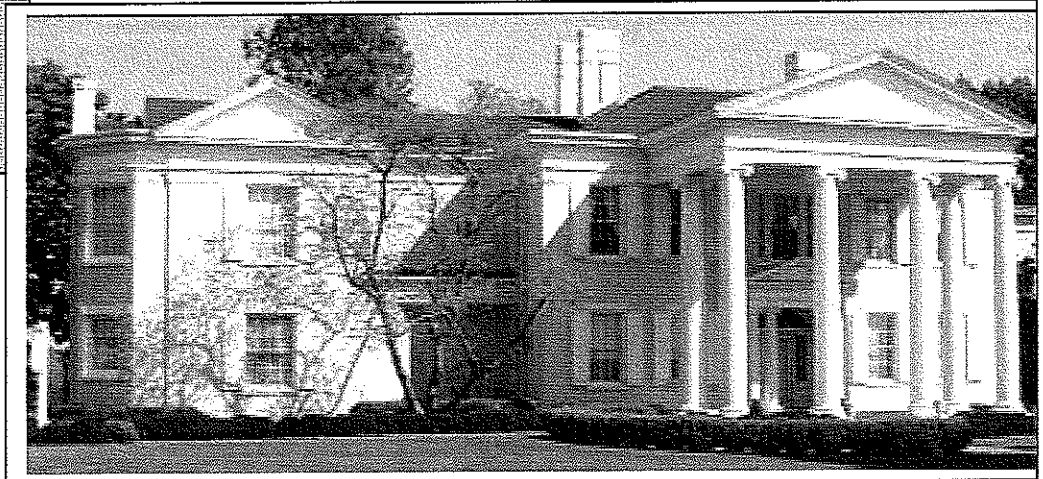
REFERENCE:

Don Smith PE, WV Department of Natural Resources
1200 Harrison Ave., Suite 222
Elkins, WV 26241
304-637-0300

MEP TECHNICAL HIGHLIGHTS:

Total Project Budget: <i>\$425K</i>
MEP Budget: <i>\$325K</i>
Facility Area: <i>Approx. 25,000 sq ft</i>
Services Provided: <i>Mechanical, analysis of humidity control</i>
Project Status: <i>Design Complete Bidding</i>
Project Completion Date: <i>Jan 2019</i>

The 1846 Oglebay Mansion was added to in the 1960's and serves as a museum. The HVAC system was upgraded around the time of the addition but still is inadequate to the need and the value of the collection. The project drawings from that era are somewhat incomplete and MEI performed detailed field investigations to determine and document the extent of the previous installation. The existing system was reverse engineered to understand how it could be altered with the least impact on the building. Project drawings were then created to re-use as much of the previous installation as possible and control the heating, cooling, and humidity in a manner most conducive to building and collection.



PROJECT DESCRIPTION:

The Oglebay Mansion was built in 1846 by Paul Matvey. It was originally an eight-room farmhouse. Earl W. Oglebay purchased the mansion and its 25 adjoining acres in 1900, renamed it Waddington Farm, and used it as his summer estate. The Mansion has 12 period rooms focusing on West Virginia's earliest settlement through the Edwardian Age. The collection features decorative arts, glass, china, pottery, archives, and a changing exhibition gallery. A more precise heating/ air conditioning/ dehumidification system is required to protect both the collection and structure. The historical nature of the structure required a thorough understanding of the structure and the impact of any changes.

Mr. Curt Byrum, Director of Facilities, Maintenance & Construction
Oglebay Resort
Rt 88 North
Wheeling, WV 26003
304-243-4004

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.



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

SHELBY MCMAHON
MECHANICAL TECHNICIAN/DESIGNER

EDUCATION

Building Engineering Systems Technology:
Architectural Engineering Technology - 2008

Building Engineering Systems Technology:
Building Environmental Systems Technology Engineering -
2008

QUALIFICATIONS

Shelby is a graduate of the Penn State University Building Systems technology program. Shelby has been highly involved in the design and construction administration of multiple projects since her arrival at Miller Engineering.

Shelby's experience in the Penn State program was both intensive and hands-on. The program focuses on real world problems and solutions to building systems construction and maintenance. Her capstone project was a "green" roofing system on the engineering building roof at Penn State Fayette. Shelby was highly involved with the Association of Heating and Air conditioning Engineers (ASHRAE) during school and has utilized those experiences in the design of MEP systems while advancing her skill set at MEI. Shelby's Architectural technology training helps her to serve effectively as an interface between the architect and MEI.

Shelby's long term goal is to complete a BS in Mechanical Engineering and obtain her Professional Engineer's license.