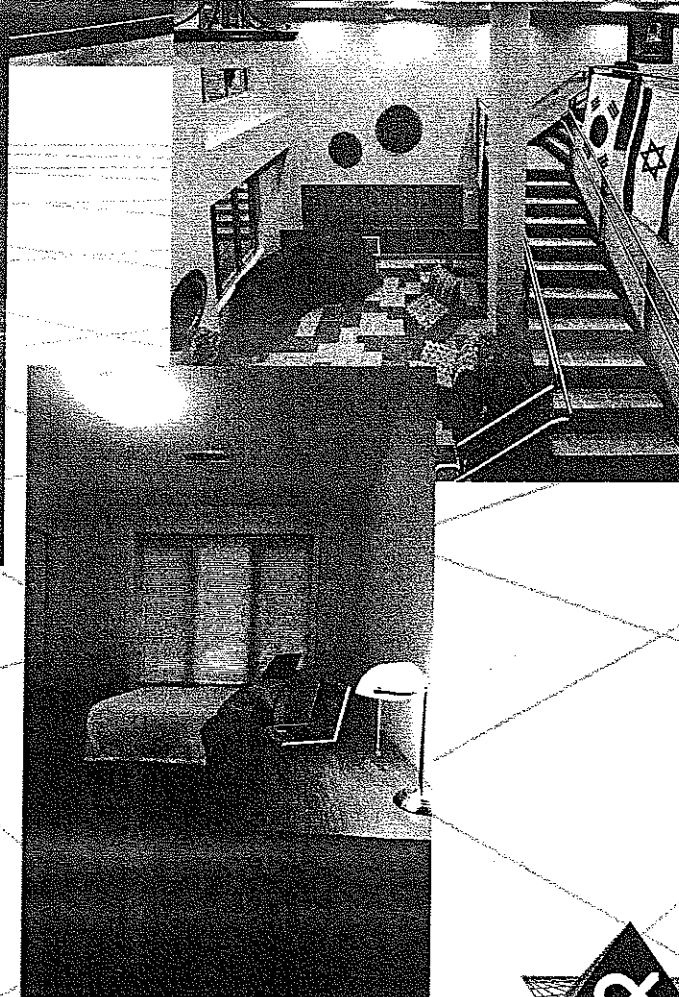
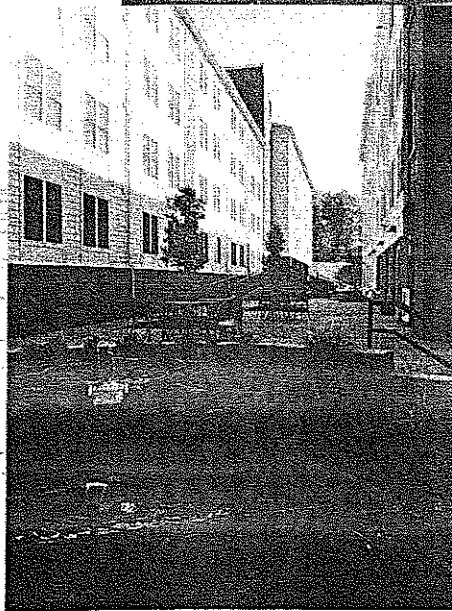
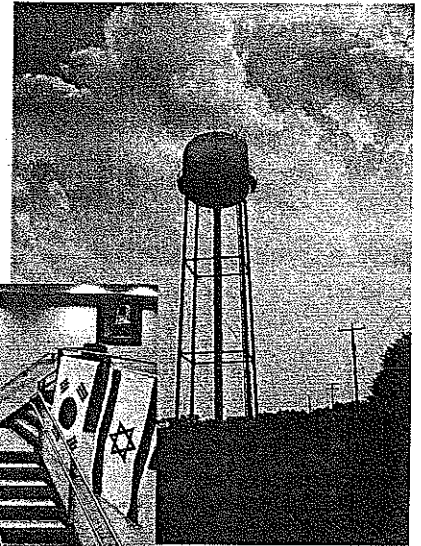


Division of Natural Resources  
Canaan Valley Resort State Park  
Architectural/Engineering Services

EXPRESSION OF INTEREST

August 31, 2010



RECEIVED

2010 AUG 31 A 10: 34

PURCHASING DIVISION  
STATE OF WV



ARCHITECTS • ENGINEERS • SURVEYORS



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
DNRB11006

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
FRANK WHITTAKER 304-558-2316

RFQ COPY

TYPE NAME/ADDRESS HERE

Alpha Associates, Inc.  
209 Prairie Avenue  
Morgantown, WV 26501

DIVISION OF NATURAL RESOURCES  
PARKS & RECREATION SECTION

324 4TH AVENUE  
SOUTH CHARLESTON, WV  
25303-1228 304-558-3397

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
08/03/2010				

BID OPENING DATE:

08/31/2010

BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		906-00-00-001		
ARCHITECTURAL AND ENGINEERING SERVICES						
EXPRESSION OF INTEREST (EOI)						
THE WEST VIRGINIA STATE PURCHASING DIVISION FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES IS SOLICITING EXPRESSIONS OF INTEREST FOR ARCHITECTURAL ENGINEERING AND RELATED SERVICES TO DESIGN NEW GUEST ROOMS, REHABILITATE EXISTING ROOMS AND DEMOLISH OTHER ROOMS AT CANAAN VALLEY RESORT STATE PARK PER THE ATTACHED.						
TECHNICAL QUESTIONS CONCERNING THIS PROJECT MUST BE SUBMITTED IN WRITING TO FRANK WHITTAKER IN THE WV STATE PURCHASING DIVISION VIA MAIL AT THE ADDRESS SHOWN IN THE BODY OF THIS EOI, VIA FAX AT 304-558-4115, OR VIA EMAIL AT FRANK.M.WHITTAKER@WV.GOV. DEADLINE FOR ALL TECHNICAL QUESTIONS IS 08/16/2010 AT THE CLOSE OF BUSINESS. ALL TECHNICAL QUESTIONS RECEIVED WILL BE ANSWERED BY ADDENDUM AFTER THE DEADLINE HAS LAPSED.						
QUESTIONS CONCERNING THE ACTUAL PROCESS BY WHICH A FIRM MAY SUBMIT AN EXPRESSION OF INTEREST 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 ANY FORMAT.						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
	304-296-8216	August 30, 2010
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
President and COO	55-0516286	

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



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
DNRB11006

PAGE
2

ADDRESS CORRESPONDENCE TO ATTENTION OF
FRANK WHITTAKER 304-558-2316

RFQ COPY  
TYPE NAME/ADDRESS HERE

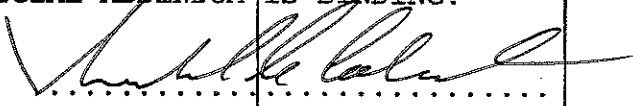
Alpha Associates, Inc.  
209 Prairie Avenue  
Morgantown, WV 26501

DIVISION OF NATURAL RESOURCES  
PARKS & RECREATION SECTION

324 4TH AVENUE  
SOUTH CHARLESTON, WV  
25303-1228 304-558-3397

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
08/03/2010				

BID OPENING DATE: 08/31/2010 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
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 ..X.....						
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 PROPOSALS.						
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.						
 SIGNATURE						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE 304-296-8216	DATE August 30, 2010
TITLE President and COO	FEIN 55-0516286	ADDRESS CHANGES TO BE NOTED ABOVE

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



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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DNRB11006

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3

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RFQ COPY

TYPE NAME/ADDRESS HERE

Alpha Associates, Inc.  
209 Prairie Avenue  
Morgantown, WV 26501

DIVISION OF NATURAL RESOURCES  
PARKS & RECREATION SECTION

324 4TH AVENUE  
SOUTH CHARLESTON, WV  
25303-1228 304-558-3397

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
08/03/2010				

BID OPENING DATE:

08/31/2010

BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
				Alpha Associates, Inc. ..... COMPANY  August 30, 2010 ..... DATE		
NOTE: THIS ADDENDUM ACKNOWLEDGEMENT SHOULD BE SUBMITTED WITH THE PROPOSAL.						
REV. 09/21/2009						
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.						
NOTICE						
A SIGNED EOI MUST BE SUBMITTED TO:						
DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130						
THE EOI SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE EOI MAY NOT BE CONSIDERED:						
SEALED EOI						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
	304-296-8216	August 30, 2010
TITLE	FAX	ADDRESS CHANGES TO BE NOTED ABOVE
President and COO	55-0516286	

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



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
DNRB11006

PAGE
4

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RFQ COPY

TYPE NAME/ADDRESS HERE

Alpha Associates, Inc.  
209 Prairie Avenue  
Morgantown, WV 26501

DIVISION OF NATURAL RESOURCES  
PARKS & RECREATION SECTION

324 4TH AVENUE  
SOUTH CHARLESTON, WV  
25303-1228 304-558-3397

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
08/03/2010				

BID OPENING DATE: 08/31/2010 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
				44		
				DNRB11006		
				08/31/2010		
				1:30 PM		
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY . TO CONTACT YOU REGARDING YOUR PROPOSAL.						
304-296-8216						
CONTACT PERSON (PLEASE PRINT CLEARLY):						
Richard A. Colebank, PE, PS						
***** THIS IS THE END OF RFQ DNRB11006 ***** TOTAL:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
	304-296-8216	August 30, 2010
TITLE	FAX	ADDRESS CHANGES TO BE NOTED ABOVE
President and COO	55-0516286	

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

STATE OF WEST VIRGINIA  
Purchasing Division**PURCHASING AFFIDAVIT**

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


**DEFINITIONS:**

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

**EXCEPTION:** The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

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

**WITNESS THE FOLLOWING SIGNATURE**Vendor's Name: Alpha Associates, IncorporatedAuthorized Signature:  Date: 8-30-10State of West VirginiaCounty of Monongalia, to-wit:

Taken, subscribed, and sworn to before me this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

My Commission expires \_\_\_\_\_, 20\_\_.

**AFFIX SEAL HERE****NOTARY PUBLIC** \_\_\_\_\_



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
DNRB11006

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
FRANK WHITTAKER 304-558-2316

### RFQ COPY

TYPE NAME/ADDRESS HERE

Alpha Associates, Incorporated  
209 Prairie Avenue  
Morgantown, WV 26501

DIVISION OF NATURAL RESOURCES  
PARKS & RECREATION SECTION

324 4TH AVENUE  
SOUTH CHARLESTON, WV  
25303-1228 304-558-3397

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B	FREIGHT TERMS
08/20/2010				

BID OPENING DATE: 08/31/2010 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
***** ADDENDUM NO. 1 *****						
THIS ADDENDUM IS ISSUED TO PROVIDE THE ATTACHED TECHNICAL QUESTIONS AND ANSWERS.						
THE BID OPENING DATE AND TIME HAVE NOT CHANGED.						
***** END ADDENDUM NO. 1 *****						
0001	1	LS		906-00-00-001		
ARCHITECTURAL AND ENGINEERING SERVICES						
***** THIS IS THE END OF RFQ DNRB11006 ***** TOTAL:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE 304-296-8216	DATE August 30, 2010
TITLE President and COO	FEIN 55-0516286	ADDRESS CHANGES TO BE NOTED ABOVE

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



August 31, 2010

ARCHITECTS • ENGINEERS • SURVEYORS

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

Attn: Mr. Frank Whittaker

**Re: DNR211006 – Expression of Interest  
Canaan Valley Resort State Park**

Dear Mr. Whittaker,


Alpha Associates, Incorporated is pleased to submit this expression of interest to provide architectural and engineering design services for the Canaan Valley Resort State Park Sleeping Unit Replacements and Other Improvements. We are confident that our experience and expertise match the needs of the Park. Alpha has provided services for the Division of Natural Resources in the past and is excited to continue to build upon that relationship.

Alpha has compiled a team with all needed expertise to successfully complete your project. Since 1969, Alpha has provided architectural and engineering services to various clients throughout West Virginia. As you will see from the attached project sheets, we have assembled a team that has recent, relevant experience with projects similar to the Canaan Valley Project.

Alpha will put our knowledge and experience to work for you to develop a completed project that will exceed your expectations and be a revenue producing entity. ***We are ready to begin work immediately and make your project a priority.*** Should you have any questions please contact me at 304-296-8216 x102 or [rcolebank@alphaaec.com](mailto:rcolebank@alphaaec.com). I look forward to hearing from you soon.

Sincerely,

ALPHA ASSOCIATES, INCORPORATED

  
Richard A. Colebank, PE, PS  
President and COO





## **Project Organization**

### **Alpha Associates, Incorporated**

Alpha Associates, Incorporated provides design services throughout West Virginia with 36 staff members in two offices to serve your needs. Members of our staff are registered architects, professional engineers, LEED accredited professionals, interior and landscape designers, providing design services that include architectural and interior design, civil and structural engineering, as well as, surveying and landscape design.

The project at Canaan Valley Resort State Park stands out for the importance paid to multiple areas of the State Park; not only improving and adding guest rooms, but also increasing potable water supply, designing a shooting range, and installing a surface lift. This demonstrates your commitment to maintaining Canaan Valley as a destination for visitors to West Virginia. Alpha Associates, Incorporated is very proud to be a West Virginia firm. **“Designing First Impressions”** is a slogan that we believe defines the quality of designs that are created with our staff. More than a slogan, **“Designing First Impressions”** is kept as a priority in our designs. Alpha Associates, Incorporated believes a well designed project creates a positive first impression for visitors to our State. We believe our team will create that positive first and lasting impression to new and returning visitors of Canaan Valley Resort State Park.

Your project encompasses a wide range of services, many of which can be accomplished internally at Alpha Associates. When you choose Alpha Associates as your design partner, you benefit from the decades of experience that our staff members bring to it. In this instance, you also benefit from the experts we have gathered to supplement our services.



Alpha Associates, Incorporated will be your single point of contact from the day the contract begins until well after the project is constructed. This provides DNR with a seamless project, while having the necessary expertise to perform all elements of the design. Alpha recently worked with the DNR and its staff to successfully complete

projects at both Cass Scenic Railroad and the Berkeley Springs Bath House. Our staff will give you the same quality and dedication that you are familiar with on this project. The consultant relationship is very important to the overall success of your project.

*Each project is unique and Alpha creates unique teams to match the needs of the project. As mentioned previously, design services offered internally include architectural design, interior design, civil and structural engineering, surveying, and landscape design.*



## **H.F. LENZ COMPANY**

Important to any project are the Mechanical, Electrical and Plumbing Engineering aspects. Alpha has chosen H.F. Lenz Company to provide design services related to mechanical, electrical, plumbing, and fire protection design services. H.F. Lenz Company was chosen based upon their wide range of design experience that will be an asset to the design team. Should any LEED elements be a priority for this project, Lenz brings LEED Accredited Professionals to the design team as well. Alpha and H.F. Lenz have teamed on numerous projects over the last fifteen years ranging from small (less than \$1 million) to very large (excess of \$35 million).

Alpha has chosen two additional consultants to complete the team. Each of the consultants will be providing specialized design work that will be needed to successfully complete the project.



Stevens Engineering has joined Alpha's team to provide design services related to the surface lift. With nearly 30 years of experience, Stevens Engineering is an accomplished source for planning and design of lift and trail systems. Stevens Engineering will be an important part of the design team.

Mr. Al Means has also been added to Alpha's team to provide expertise related to the design and construction of shooting ranges. As you will see from his resume that is included in the proposal, he has significant experience in this area that will be very beneficial to our design team.

Communication during a project is vital to the overall success. At Alpha Associates, we put a high priority on communicating, not only with clients and contractors, but in your case with your onsite management and park supervisors. Alpha's website, [www.alphaaec.com](http://www.alphaaec.com) is an interactive communication device that can be accessed by the general public to track the design and construction in a high tech manner that may further develop communication support and can also aid in fundraising.

For your project, we may develop a password protected area that has more detailed project information. For example, if your project manager is unable to attend a design meeting, the meeting minutes will be posted to the project website and can be accessed at the convenience of the employee. This communication enhances traditional methods and utilizes technology to create a feeling of involvement and transparency throughout the project. We can expand this web portal to include as much information as you would like to see made available.



*In summary, we ask to be able to continue our relationship with the Division of Natural Resources. We have established ourselves as a firm that provides high quality designs and more importantly the highest quality customer service. We are attentive to your needs, we are aware of schedule constraints and we want to continue to prove our effectiveness as a design partner.*

**Firm Profile**

ALPHA ASSOCIATES,  
INCORPORATED  
2010

**Firm Profile**

Alpha Associates, Incorporated

**Firm Name:** Alpha Associates, Incorporated

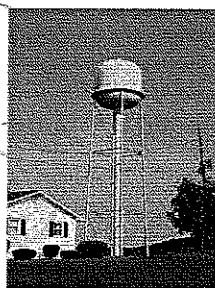
**Corporate Office:** 209 Prairie Avenue  
Morgantown, West Virginia 26501

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

**Incorporated:** 1969; Morgantown, West Virginia

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

**Number of Employees:** 36 Employees



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



ARCHITECTS • ENGINEERS • SURVEYORS

## Miscellaneous Case Studies

### Project Description

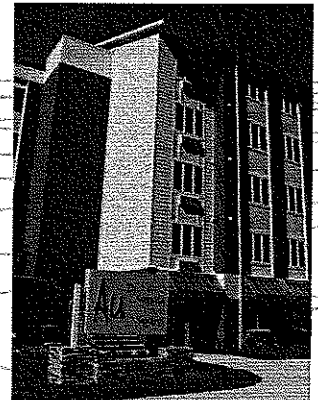
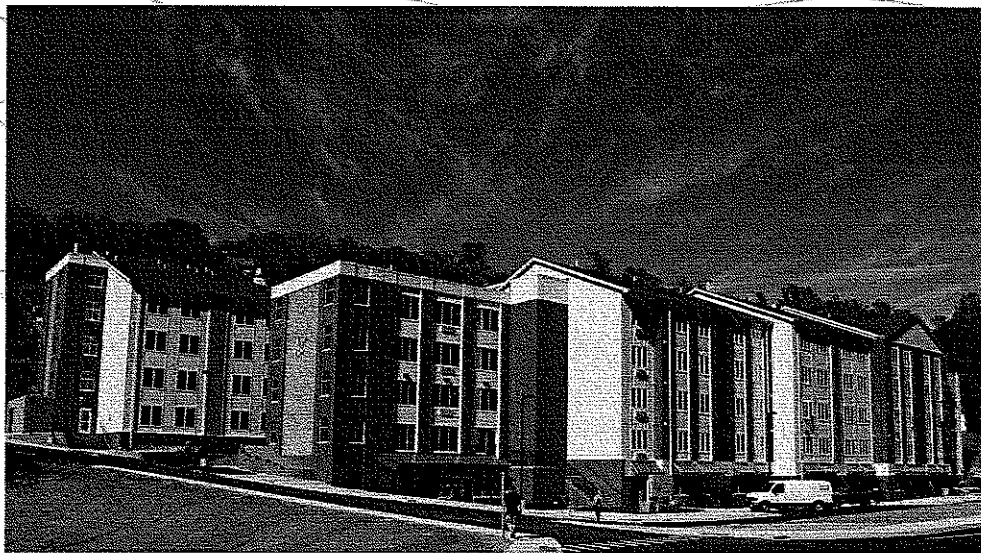
#### **Augusta Residential Complex Morgantown, WV**

Alpha recently completed the design and construction of a residential tower located in Morgantown. The project consisted of two buildings and approximately 148,000 sf. Included in the building is:

- 158 student housing units for 296 occupants
- Mix of 2 bedroom/2 bath units & 1 bedroom/1 bath units
- Includes central lobby
- Multi-story – mid-rise development
- 2 buildings 5 to 7 levels
- 3 elevators
- Parking Garage
- Fully landscaped courtyard
- Leasable rental space

#### **At A Glance...**

- 1 Client:  
Private
- 2 Location:  
Morgantown
- 3 Completion Date:  
2007
- 4 Size:  
148,000 SF
- 5 Construction Cost:  
Private Client



## Clarksburg State Office Building Demolition

Demolition  
2010

ALPHA

### Demolition Case Studies

#### Project Description

#### State Office Building Demolition Clarksburg, WV

Alpha Associates, Incorporated provided professional design services for the demolition, removal and site restoration of a 75,000 square feet, six story existing hotel/office building in Clarksburg, WV. Building components are to be salvaged, reused, recycled and removed utilizing sustainable methods and documented in accordance with LEED Certification.

Prior to bid documents for demolition, the building was physically surveyed by Alpha's surveyors, structural engineers, and architects. Alpha's environmental consultant also performed a hazardous materials inspection and developed a report.

Bid documents were developed, and the project is currently out to bid.

#### At A Glance...

- 1 Client:  
State of West Virginia
- 2 Location:  
Clarksburg, WV
- 3 Completion Date:  
2010
- 4 Size:  
75,000 square feet
- 5 Demolition Cost:  
TBD



ARCHITECTS • ENGINEERS • SURVEYORS

## Miscellaneous Case Studies

### Project Description

#### **Grand Central** **Multi-Family Development** **Morgantown, WV**

This project consisted of the schematic design development for a site in Morgantown. This low-rise development project would consist of:

- 98 apartment units
- 4 buildings – 3 & 4 stories
- 3.34 acres
- Individual HVAC, electric metering
- Balconies and patios
- Mix of Units
  - 2 Bedroom/2 Bath – 955 SF
  - 2 Bedroom/2 Bath with Garage – 896 SF
  - 2 Bedroom/1.5 Bath with Garage – 866 SF
  - 3 Bedroom/2 Bath – 1344 SF
  - 3 Bedroom/3 Bath with Loft – 1310 SF

Will offer various site amenities:

- Exercise trail
- Surface parking
- Leasable storage units
- In unit laundry
- Full sprinkler system
- Outdoor grill areas

#### **At A Glance...**

1

Client:  
Private

2

Location:  
Morgantown, WV

3

Completion Date:  
2008

4

Size:  
Approx. 112,000 SF

5

Construction Cost:  
TBD

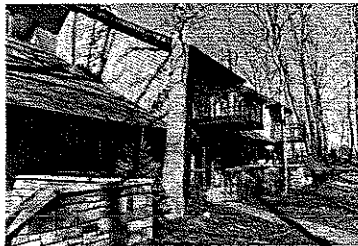


## **Residential Architecture/Developments**

### **Project Descriptions**

#### **LAKEVIEW ESTATE TOWNHOMES - Morgantown, West Virginia**

This project integrated a plan for a modern townhouse development including 11 individual structures containing 45 units featuring 3 sizes; 1,350, 1,750 and 2,250 square feet. Exterior walls built with unique, environmentally sound materials distributed by ALPHA.



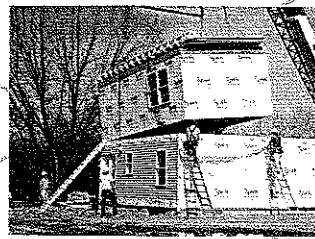
#### **THE OAKS TOWNHOMES - Morgantown, West Virginia**

A contemporary living achieved in 55-unit townhouse development at Greystone On-The-Cheat with two-floor duplex units ranging in four different sizes from 1,200 to 1,980 square feet.



#### **PINECREST VILLAGE AND TOWNHOMES - Morgantown, West Virginia**

Complete business planning, civil design and construction management of this 26-acre, 150 unit mixed use development. This project converted an aging mobile home park into a high quality residential community.





## Architectural Case Studies

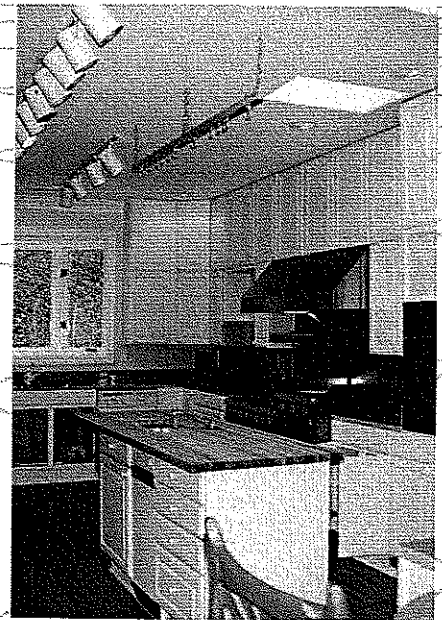
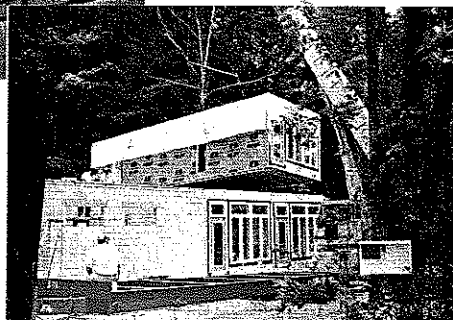
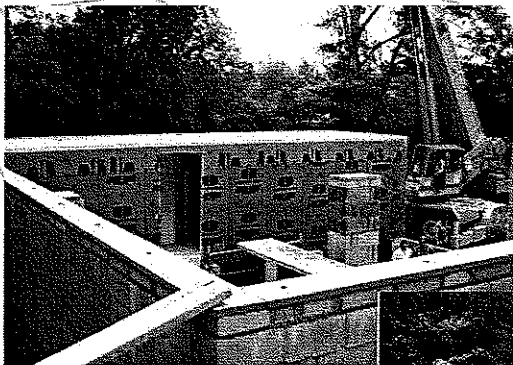
### Project Description

#### **Schwabe House** **White Sulphur Springs, West Virginia**

The Schwabe House, located in White Sulphur Springs, West Virginia is a 100% custom designed, 75% modular-built private residence. Alpha Associates, Incorporated provided architectural design services for the modular system, as well as the unique roof truss system necessary to increase the width of the home from the typical modular width of 14 feet. The construction schedule of the home was greatly reduced based on the use of a modular-built system.

#### **At A Glance...**

- 1 **Client:**  
Private Homeowner
- 2 **Location:**  
White Sulphur Springs, WV
- 3 **Completion Date:**  
1995
- 4 **Size:**  
4937 SF
- 5 **Construction Cost:**  
Private Client



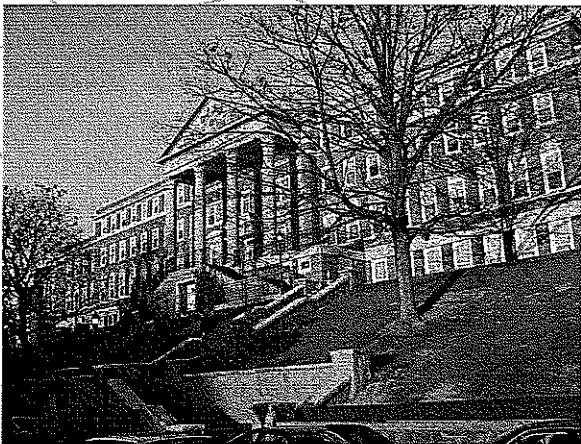
## Higher Education Case Studies

### 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...**



*Client:*  
West Virginia  
University



*Location:*  
Morgantown, WV



*Completion Date:*  
1993



*Size:*  
95,000 SF



*Construction Cost:*  
\$12 Million



## Demolition Case Studies

### Project Description

#### **Mon County Walnut Street Building Demolition Morgantown, WV**

Alpha Associates, Incorporated provided professional design services for the demolition and removal of two buildings owned by the Monongalia County Commission. Planning included the avoidance of the PRT overhead structure, which is in the air rights above.

The first building, the Walnut Street Maintenance Building, involves the demolition and removal of a two story concrete block building. The foot print is approximately 31' x 86'.

The second building, the Walnut Street Solid Waste Authority Building, involves the demolition and removal of a one story brick and block building. The foot print is approximately 20' x 21'.

Both Buildings included a hazardous materials evaluation and required asbestos removal.

#### **At A Glance...**

- 1 Client:  
Monongalia County  
Commission
- 2 Location:  
Morgantown, WV
- 3 Completion Date:  
2009
- 4 Size:  
2 Buildings
- 5 Demolition Cost:  
\$48,000



## Berkeley Springs Water Works

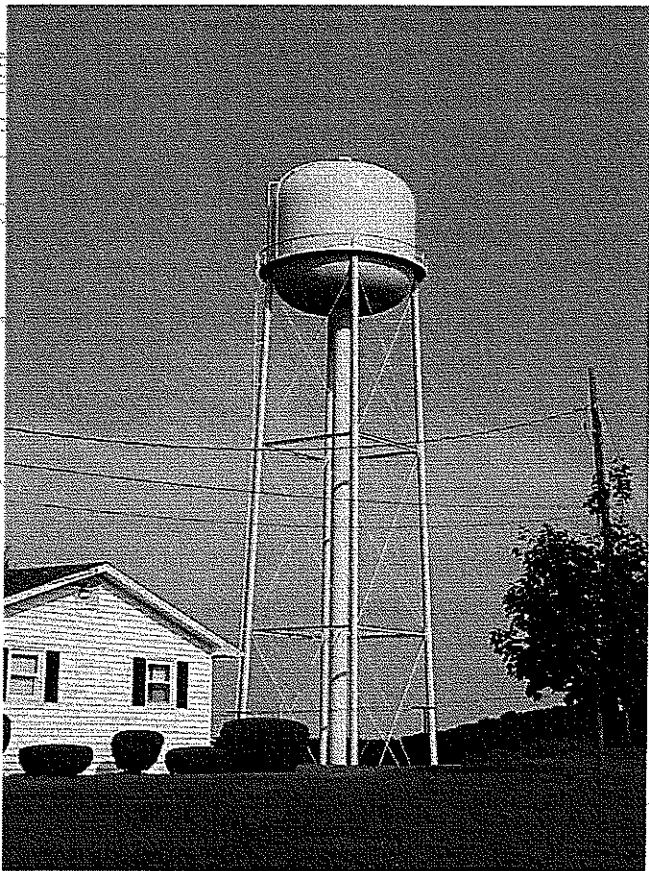
POTABLE WATER SYSTEM  
2004

### Potable Water Case Studies

#### Project Description

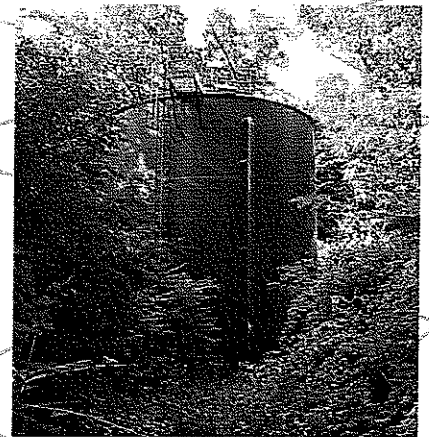
#### Berkeley Springs Water Works Berkeley Springs, WV

Engineering work included a multiple phased project of improvements to the municipal water system. Contracts 1 and 2 included a 4,000 feet water main extension, renovations to the water booster station and construction of a 200,000 gallon elevated water storage tank. Contracts 3 and 4 included the construction of a 144,000-gallon water storage tank and the installation of a new altitude valve vault.



#### At A Glance...

- 1 Client:  
Berkeley Springs Water Works
- 2 Location:  
Berkeley Springs, WV
- 3 Completion Date:  
2002
- 4 Size:  
4,000 LF of Waterline
- 5 Construction Cost:  
\$959,264
- 6 Project Relevance:
  - Water Main Extension
  - Elevated Storage Tank
  - Altitude Valve Vault
  - Welded Steel Ground Storage Tank



ARCHITECTS • ENGINEERS • SURVEYORS

## Coolfont Ridge Storage Tank

POTABLE WATER SYSTEM  
2004

www.alpha-inc.com

### Potable Water Case Studies

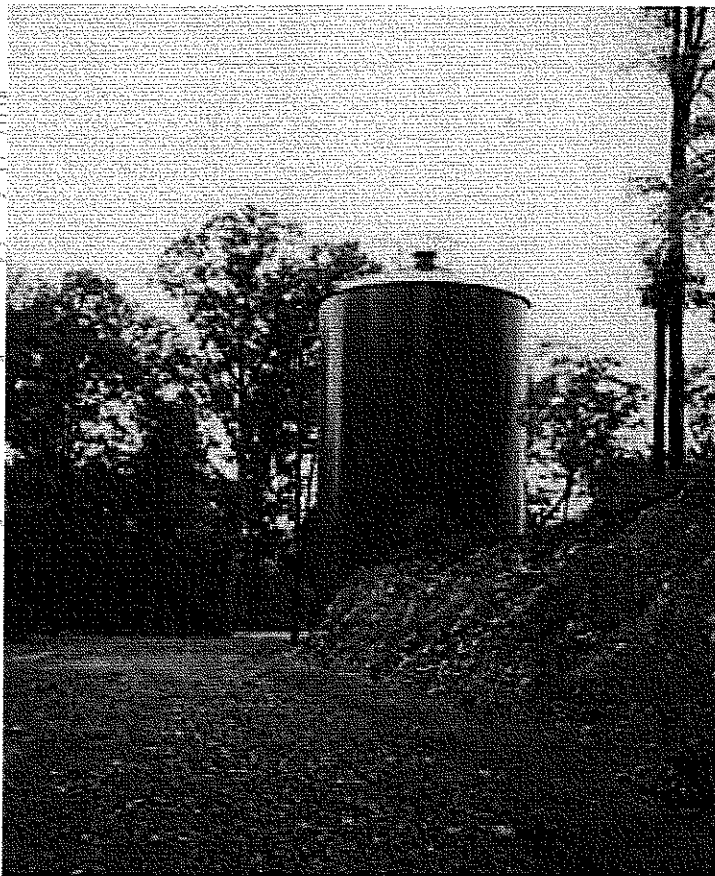
#### Project Description

#### Coolfont Ridge Storage Tank Berkeley Springs, WV

Alpha Associates, Incorporated served as the engineer for the US 522 project in Morgan County. The project involved a booster station, 10,000 linear feet of sewerline, 28 manholes and 12,000 linear feet of waterline. Another portion of the project involved the planning, design and construction phase services for a 67,000-gallon storage tank.

#### At A Glance..

- 1 Client:  
Morgan County  
Commission
- 2 Location:  
Berkeley Springs, WV
- 3 Completion Date:  
2004
- 4 Size:  
67,000 Gal Welded Steel  
Ground Storage Tank  
Water Booster Station  
10,000 LF Sewerline  
12,000 LF Waterline
- 5 Construction Cost:  
\$1,350,000



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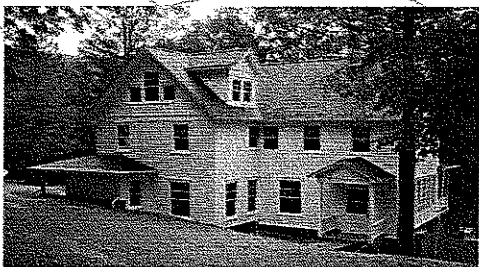


## Project Description

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.

**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



HISTORICAL  
RENOVATION  
2009

## Project Description

## A black and white photograph of a single-story brick building with a gabled roof and a small porch. The building is surrounded by trees and landscaping, including rocks and shrubs. A sign is visible in the foreground.

- 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



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

## SUMMARY

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

## PROFILE

Broad-based responsibilities in the following areas:

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

## PROFESSIONAL HIGHLIGHTS

### Project Management:

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

### Indefinite Delivery/Indefinite Quantity Contracts:

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





## EMPLOYMENT HISTORY

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

**CORPS OF ENGINEERS:** 1983 US Army Corps of Engineers

## EDUCATION

**GRADUATE:** West Virginia University  
Masters – Business Administration; 1999

**UNDERGRADUATE:** West Virginia University  
BS – Civil Engineering; 1982

## QUALIFICATIONS

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

## AFFILIATIONS

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

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





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

## SUMMARY

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

## PROFILE

Broad-based responsibilities in the following areas:

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

## PROFESSIONAL HIGHLIGHTS

### Higher Educational Facilities:

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

### K-12 Educational Facilities:

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



## 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





**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 10<sup>th</sup> Floor Renovation; Morgantown, WV
- WVU Engineering Science Building Nano/Microtechnology Lab; Morgantown, WV
- WVU Alfred F. Galli Laboratory Renovations; Morgantown, WV
- Robert 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**  
PRINCIPAL  
ARCHITECT  
mbreaky@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



ARCHITECTS • ENGINEERS • SURVEYORS



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

## SUMMARY

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

## PROFILE

Broad-based responsibilities in the following areas:

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

## PROFESSIONAL HIGHLIGHTS

### STRUCTURAL ENGINEER:

- WVU Engineering Sciences Building East Wing Addition: Structural Design; Morgantown, WV
- WVU Alumni Center Structural Framing and Foundation Design; Morgantown, WV
- Hazel Ruby McQuain Amphitheater Roof; Morgantown, WV
- West Buckeye Bridge; Core, WV
- Washington High School; Charles Town, WV
- WVU Coliseum Asbestos Abatement Project (Scaffolding Design and Dome Structural Inspection); Morgantown, WV
- Morgantown Airport Air Rescue and Firefighting Building; Morgantown, WV
- WVU Coliseum Scoreboard Hoist Project; Morgantown, WV



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

## EMPLOYMENT HISTORY

<b>PRIVATE INDUSTRY:</b>	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

## RESEARCH EXPERIENCE

**STRUCTURAL:** Cold Formed Steel Deck Research

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

Composite Cold Formed Steel and Concrete Deck Research

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





<b>CHARLES B. BRANCH, PE</b> PRINCIPAL CIVIL ENGINEER cbranch@alphaaec.com	
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## SUMMARY

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

## PROFILE

Broad-based responsibilities in the following areas:

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

## PROFESSIONAL HIGHLIGHTS

### Educational Projects:

- WVU Parking Lot 8T Renovations; Morgantown, WV
- WVU Doll's Run Burn Room; Morgantown, WV
- WVU Alumni Center Parking Lot; Morgantown, WV
- WVU Evansdale Redevelopment; Morgantown, WV
- WVU Health Sciences Center Eastern Division; Martinsburg, WV

### Highway Design:

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





**Commercial Site Plans:**

- West Virginia High Technology Consortium; Fairmont, WV
- Residence Inn; Morgantown, WV
- FFCU – Charles Pointe; Bridgeport, WV

**EMPLOYMENT HISTORY**

<b>PRIVATE INDUSTRY:</b>	1992 – Present	Alpha Associates, Incorporated
	1988 – 1992	Reimer, Muegge, & Associates, Inc.

**EDUCATION**

<b>UNDERGRADUATE:</b>	Fairmont State College
	BS – Architectural Engineering Technology 1988
	West Virginia University
	BS – Civil Engineering 2000

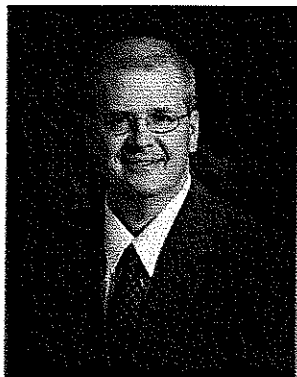
**QUALIFICATIONS**

<b>LICENSE:</b>	Professional Engineer
	West Virginia

**AFFILIATIONS**

<b>CIVIC:</b>	Marion County Youth Soccer Association - Coach
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**STEVEN V. BUCHANAN, PE, PS**  
PRINCIPAL  
CIVIL ENGINEER  
sbuchanan@alphaaec.com

## SUMMARY

Mr. Buchanan is a Civil Engineer and Principal at Alpha Associates, Incorporated. He has more than 25 years of experience working in municipal engineering, storm water management, site planning, hydrologic and hydraulic analysis, wastewater collection systems design, water distribution systems design, booster station design, highway engineering, and traffic engineering.

## PROFILE

Broad-based responsibilities in the following areas:

- Highway Design
- Municipal Engineering
- Wastewater Collection
- Storm Sewer System Design
- Passive Acid Mine Drainage Treatment
- Site Engineering
- Project Management

## PROFESSIONAL HIGHLIGHTS

### PROJECT MANAGER:

- Borough of Point Marion Engineer; Point Marion, PA
- Monongalia County Board of Education Sewage Treatment Plants; Monongalia County, WV
- North Fork Hughes River Recreational Facilities; Ritchie County, WV
- WVDOH Rest Areas Sewage Treatment Plants; Berkeley, Braxton and Lewis Counties, WV
- WVU Law School Parking Lot; Morgantown, WV
- Uvilla - Shepherdstown Road Project; Jefferson County, WV
- Wheatland Road Widening and Utility Relocation Project; Berkeley County, WV
- Clay - Battelle High School Sewer Line Extension, Monongalia County, WV
- Grade Road Design Study; Berkeley County, WV



**CIVIL ENGINEER:**

- West Virginia Division of Highways I – 77 Welcome Center; Williamstown, WV
- West Virginia Medal of Honor Recipients Plaza; Preston County, WV
- South High Street Bridge; Morgantown, WV
- West Buckeye Acrow Bridge; Monongalia County, WV
- Elkins Bypass; Randolph County, WV

**EMPLOYMENT HISTORY**

<b>PRIVATE INDUSTRY:</b>	1998 – Present	Alpha Associates, Incorporated
	1989 – 1998	Widmer Engineering, Incorporated
	1986 – 1989	Wiley and Wilson, P.C.
	1984 – 1986	Greiner Engineering Sciences, Incorporated
	Summer – 1983	West Virginia Department of Transportation, Division of Highways

**EDUCATION**

**UNDERGRADUATE:** West Virginia University  
BS – Civil Engineering; 1984

**QUALIFICATIONS**

**LICENSE:** Professional Engineer:  
West Virginia, Pennsylvania, Maryland, Ohio  
  
Professional Surveyor:  
West Virginia





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, 5<sup>th</sup> and 7<sup>th</sup> 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 Facility; 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



**Historic Renovation:**

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

**EMPLOYMENT HISTORY**

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

**EDUCATION**

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

**QUALIFICATIONS**

<b>LICENSE:</b>	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**

<b>PROFESSIONAL:</b>	American Institute of Architects; Member AIA Liveable Communities; Board Member
<b>CIVIC:</b>	Fairmont, WV ICC Board of Appeal; Board Member





**THOMAS PRITTS, AIA, LEED-AP**  
ARCHITECT  
tpritts@alphaaec.com

## SUMMARY

Mr. Pritts joined the Alpha Associates staff in the Morgantown office in 2004. In 2008 he received his LEED Accredited Professional Certification from the USGBC and Construction Document Technologist designation from the Construction Specification Institute. Mr. Pritts has become a valuable asset to Alpha Associates with broad experience in K-12 and higher educational design and programmatic development.

## PROFILE

### Broad-based responsibilities in the following areas:

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

## PROFESSIONAL HIGHLIGHTS

### Architectural Design:

- Potomac State College, ADA Connector Link; Keyser, WV
- Potomac State College, Library Façade Replacement; Keyser, WV
- Potomac State College, McKee Arts Center Plaza; Keyser, WV
- Fairmont Federal Credit Union, Charles Pointe; Bridgeport, WV
- Washington High School; Charles Town, WV
- WVU Engineering Sciences, East Wing Addition; Morgantown, WV
- Ridgeley Community Center; Ridgeley, WV
- Jefferson County Emergency Services Agency; Ranson, WV
- WVU Engineering Sciences Building, Basement Renovations; Morgantown, WV
- WV Army National Guard, Parkersburg Office Renovation; Parkersburg, WV
- Clear Mountain Bank; Reedsville, WV



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## EMPLOYMENT HISTORY

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

## EDUCATION

**UNDERGRADUATE:** Virginia Tech  
Bachelor of Architecture; 2004

## QUALIFICATIONS

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

## AFFILIATIONS

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





## H.F. LENZ COMPANY

## Firm Profile

Currently in its 64th year, the H.F. Lenz Company is a Pennsylvania-based firm offering a full range of engineering services for building systems, infrastructure, and industry. Our projects span the nation, with the heaviest concentration in the Northeast, and exceed \$530 million in MEP, Civil, and Structural construction annually. Each market sector—corporate, government, health care, education, and industry—is served by a team of specialists who understand the unique needs of the clients they serve. Our staff of 169 includes 44 professional engineers registered in a total of 50 states and DC. Services offered include:



- Mechanical Engineering
- Electrical Engineering
- Plumbing Engineering
- Life Safety / Fire
- Protection Engineering
- Communications Engineering
- Energy Management
- Civil Engineering
- Structural Engineering
- Surveying
- Construction Phase Services
- Commissioning
- LEED™ Design Services

**Experienced Team.** Our project team has extensive experience in the design of resort facilities, including numerous projects for *Snowshoe Mountain Resort* and a new addition to *Wilson Lodge, Oglebay Resort*, condominiums, hotels, and housing developments. In addition, we have extensive experience with food service facilities.

H.F. Lenz Company has held two term contracts for multi-discipline engineering for the Pennsylvania Department of Conservation and Natural Resources for projects at *state parks* throughout Pennsylvania. The projects have included a wide variety of public spaces including welcome centers, office spaces, beach day use and picnic areas, comfort stations and master planning for indoor and outdoor community areas.

**LEED™ and Sustainable Design.** H.F. Lenz Company was recently ranked in the “Top 100 Green Design Firms” in the Country, for the second year in a row, by ENR Magazine (June 2009 edition). We have been a member of the United States Green Building Council since 2000 and currently have 20 LEED® Accredited Professionals on staff. Our experience includes 25 projects that have attained various levels of LEED Certification, and 40+ more projects are currently pending LEED Certification. Our firm has gained a high level of knowledge in the building green process and we possess the experience to successfully apply these principles to all building projects, whether they are designed to attain LEED Certification or not. In addition, we also became an Energy Star® Partner Firm in 2008, and recently completed our fourth project which has attained an Energy Star® Rating.

**Experience with Alpha Associates.** Our project team has successfully collaborated with Alpha Associates on a variety of projects over the years including ten Department of Defense projects (mainly Army Reserve Centers) throughout West Virginia, and numerous other projects for healthcare or educational facility clients.





H.F. LENZ  
COMPANY

## *Hospitality Design*

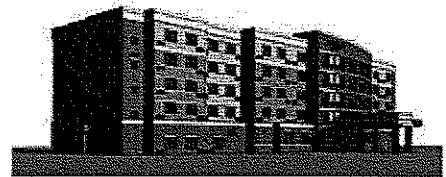
### *Hospitality Design Focus*

The H.F. Lenz Company has a team that focuses on hospitality design. The team consists of experienced mechanical and electrical engineers that have worked together on numerous recent hospitality projects, including the design of over 3,500 rooms of hotels and condominiums (this number does not include our student housing and other housing development experience). Much of this experience has been with Marriott. The following is a partial listing of this design experience.

- A pre-certified LEED® hotel prototype for Marriott International, Inc. (featured in Contractor magazine, January 2010 edition)
- Marriott's Module-14 "Fire Protection / Life Safety" including the requirements for interconnected standpipes, fire protection testing provisions, and smoke control including guest corridor smoke removal and stair tower pressurization
- Indoor air quality design standards, including the design of guestroom direct injection outdoor air systems
- Domestic hot water design standards, including sizing and redundancy requirements
- Telecommunications provisions including: networking, point-of-sale, property management, telephone, and On-Command systems
- HVAC design standards, including the incorporation of energy recovery features
- Cost effective designs based on Marriott value engineering activities
- Food service utility requirements

### *CFRST Brands LEED® Volume Program*

H.F. Lenz Company provided the engineering services for a new prototype for Marriott International, which will provide for the basic U.S. Green Building Council LEED certification level (owners can achieve a higher certification, depending on the site). The program includes Marriott's Courtyard, Fairfield, Residence Inn, Springhill Suites, and Townplace Suites (CFRST) brand hotels. The design will reduce a hotel's energy and water consumption by up to 25%, and save owners approximately \$100,000 in annual total operating cost.



Scheduled to open this summer, the Courtyard Settler's Ridge in Pittsburgh, Pennsylvania, also designed by the H.F. Lenz Company team, will be the first hotel built, based on the pre-certified LEED hotel prototype concept. Energy-efficient features of the HVAC system include two 100% dedicated outside air system roof top units equipped with an energy recovery wheel that will reclaim heat energy from the guestroom bathrooms, and energy efficient fans in the units that provide additional energy savings when compared to the minimum requirements for ASHRAE 90.1. Energy saved by the HVAC system for space heating was about 72% and 30% for space cooling, interior fans contributed about 17% energy savings, but LEED energy calculations are based on the overall building and site energy use in dollars, higher U-values for glass, exterior insulation and roof insulation helped play a role in the overall energy savings for the HVAC systems. The overall building energy savings was about 19% of kWh usage, and the overall LEED energy savings in dollars was about 24%.

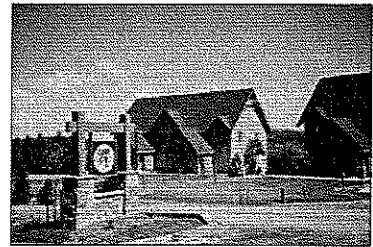
Water conserving features in the hotel include 1.28 GPM water closets, 1.5 GPM lavatory faucets, and 2.0 GPM shower heads, which meet the 25% water savings in LEED requirements. Based on the LEED calculations, the annual water savings will be 319,275 gallons.



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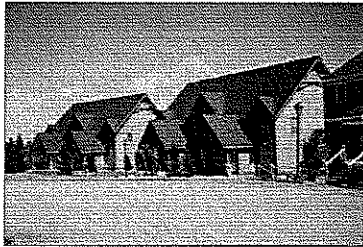
## Snowshoe Mountain Resort

**Camp 4 Condominiums.** Snowshoe is a year-round resort situated in the Allegheny Mountains of West Virginia. The owners chose land with a spectacular mountain view to build residential, townhome-style condominiums, calling the private enclave "Camp 4." This premier development features exclusive ski-in, ski-out residences and is considered to be the first outpost of the new resort.



*Residents of Camp 4's condominiums can expect magnificent views in any season.*

H.F. Lenz Company provided mechanical, electrical, plumbing, fire protection, and structural design services for prototypical one-, two-, and three-bedroom condominium units for Snowshoe's Camp 4 site. Phase I of the project included the construction of 17 units and a hot tub building.



*This premier development features exclusive ski-in, ski-out residences.*

Engineering services provided included:

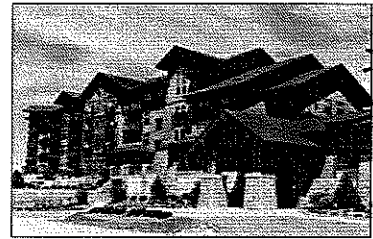
- Coordination with the general contractor to determine the most cost-effective foundation and structural framing which would meet the construction schedule.
- Fast-track project approach that included the preparation of individual construction document packages for foundations, framing, site electrical, building MEP, and hot tub building.

Key features of the project included:

- Pre-engineered truss system
- Engineered wood-framed floor systems
- Redundant framing at common walls for fire separation
- Individual unit domestic/fire protection water services
- Central propane tank and underground distribution piping to units
- Propane-fueled fireplaces
- Metered electrical service for each unit
- Unit lighting and power
- Building fire protection system and fire alarm systems
- Building heating and exhaust systems



**Rimfire Lodge.** Currently under construction, Rimfire Lodge is the cornerstone of the new mountain village at Snowshoe Mountain Resort. The development consists of 150 residential units; village-level retail stores, a delicatessen, and restaurant; below-grade parking; a fitness area; a hearth-room lounge; ski lockers; and laundry facilities.



*Rimfire Lodge is the cornerstone of the new mountain village at Snowshoe Mountain Resort.*

Some features and amenities of the lodge include:

- Covered decks and patios
- Beautiful 360 degree views
- Located in ski-in/ski-out village
- Rustic exterior timber beams and columns
- Exterior stone accent and detailing
- Private underground parking
- "Alpenglow" hearth room with rustic stone and wood detailing
- "The Basin" - private hot tubs in a landscaped setting
- Private sauna and workout room

H.F. Lenz Company was responsible for the mechanical, electrical, plumbing, and structural engineering design for the entire development.

Some of the systems' key elements include:

- Individual condominium electrical metering
- Owner, retail, and residential unit electrical services
- Individual residential unit heating and cooling units
- Full fire protection system
- Rustic lighting design
- Garage CO exhaust system
- Hot tub services
- Propane and water services
- General building heating and exhaust systems
- Kitchen hood exhaust system
- Propane-fueled fireplaces

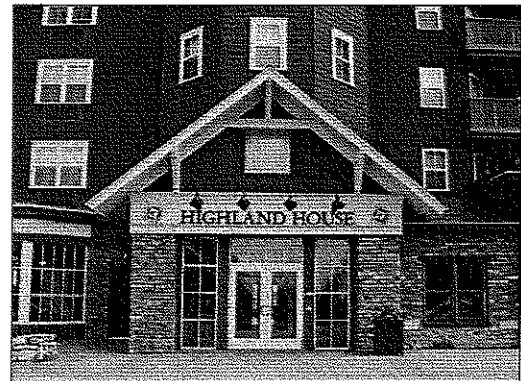


*Rustic surroundings and a great view await those who visit Rimfire Lodge.*



**Highland House.** This building is adjacent to the new Mountain Village at Snowshoe Resort. The development consists of 67 residential dwelling units; village-level retail stores, a restaurant; below-grade parking; a fitness area; a hearth-room lounge; ski locker; and laundry facilities.

H.F. Lenz Company was responsible for the mechanical, electrical, and plumbing engineering design.



Key features of the project included:

- Beautiful slope-side views
- Rustic exterior timber beams and columns
- Exterior stone accent and detailing
- Basement level retail storage and circulation
- Hearth room
- Two full-service restaurants
- Retail spaces
- Fitness facility

**Additional projects for Snowshoe Mountain Resort include:**

- The Seneca Building - new Residence building - Design of a 52 unit condominium building consisting of one-, two-, and three-bedroom units
- Expedition Station - new Residence building - Design of a 100 unit condominium building consisting of efficiency and one-bedroom units and retail space
- Jr. Bringham Building - new check-in facility of multi-purpose building housing restaurant and lounge, offices, and ski lift ticket counter
- Shavers Center Evaluation
- Valet/Check-in Building
- Retail Spaces including: two restaurants, ski shop, rental space and various other retail spaces



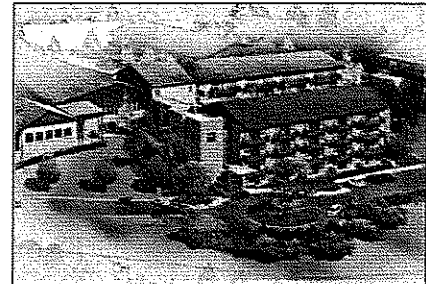
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## ***Oglebay Resort*** ***Wheeling, West Virginia***

### **WILSON LODGE ADDITION**

H.F. Lenz Company provided engineering services for the Wilson Lodge Addition at Oglebay Resort. The project consisted of a four story 46,000 sq.ft. addition to the existing Wilson Lodge, which housed 48 guest rooms, 5 suites, and a call center. The engineering systems in the building included the following:

- Through-the wall PTAC individual room air conditioning units.
- Make-up air for toilet room exhaust was provided to the corridors from a roof-top 100% make-up air unit. The make-up air unit was provided with a total energy recovery wheel, which recovered energy from the exhaust system.
- Another roof-top unit served common areas throughout the building.
- An indoor air handling unit served the Call Center.
- A light hazard wet pipe sprinkler system in accordance with NFPA 13.
- A new domestic and fire water service was routed to the building.
- A central domestic gas-fired hot water heating system with storage tank.
- A new fire alarm system throughout the building.
- A new utility company electric service.
- A new emergency generator to serve life safety and other selected loads.
- A complete structured tele-data wiring system throughout the building.
- A snow melting system entrance walkway.



***Oglebay Resort.*** *Oglebay is a unique 1650 acre resort in Wheeling, West Virginia, featuring cottages, fine dining, indoor pool, fitness room, massage therapy areas, two championship golf courses and the 30-acre Good Zoo.*

Construction for the \$4,000,000 project will be completed in 2006.



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## ***Sandstone Visitor / Orientation Center*** ***New River Gorge National River*** ***Summers County, West Virginia***

### **NEW VISITOR / ORIENTATION CENTER**

The H.F. Lenz Company, under its IQ/AE contract with the National Park Service provided mechanical, electrical, plumbing, fire protection and civil/site design services for a new visitor/orientation center in Summers County, West Virginia that services U.S. Interstate 64, and functions as a gateway to the southern end of the New River Gorge National River, a fifty-mile long, 62,000-acre national river corridor located in the Appalachian Mountains in southern West Virginia.

It was the desire of the entire project team to have the new visitors center exhibit a harmony with nature, integrated into the surrounding natural environment, and conserve our natural resources. The project embodies the principles of sustainable design, takes advantage of available renewable energy sources, and interprets the southern region of the New River Gorge.

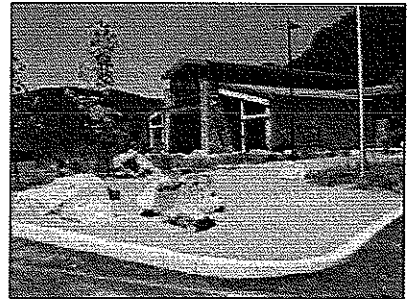
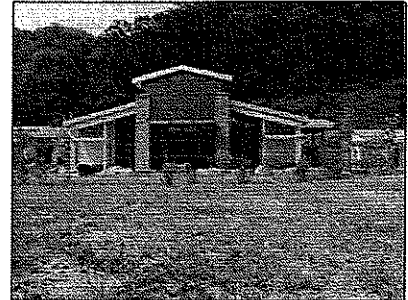
In keeping with the goals of sustainable design, after several other energy-efficient alternatives were considered, a geothermal heat pump was selected as the building's energy source. The geothermal heat pump system consists of a combination of distributed horizontal watersource heat pumps in the office/administrative areas and vertical watersource heat pumps for the exhibit and public areas. Additionally water-to-water heat pumps are being used to generate both domestic hot water and hot/chilled water for use in a radiant floor heating system in the exhibit, lobby, service buildings and toilet facilities. A two-pipe water loop connects all of the heat pumps together, permitting each heat pump to either extract or reject heat to the loop for use by other heat pumps. The water loop is ground-coupled through a series of 300-foot-deep, closed circuit bore holes that utilize the constant temperature earth to maintain the water loop temperature between 40° and 90°F.

With the exception of the water-to-water heat pumps, all of the heat pumps are concealed above accessible ceilings and deliver supply air through ductwork. The heat pumps are selected to serve similarly zoned spaces to provide excellent temperature control flexibility.



Ventilation air is provided by a dedicated outdoor makeup air unit, providing 20 cfm per person in the office areas and 15 cfm per person in the exhibit, lobby, and multi-purpose assembly spaces. An air-to-air heat recovery unit tempers the ventilation air with the heat (or cooling) extracted from the building exhaust air.

***This project was designed to attain a LEED™ Platinum Rating.***



*The project site is located in a remote section of West Virginia, with few public utilities available as energy sources for the project*

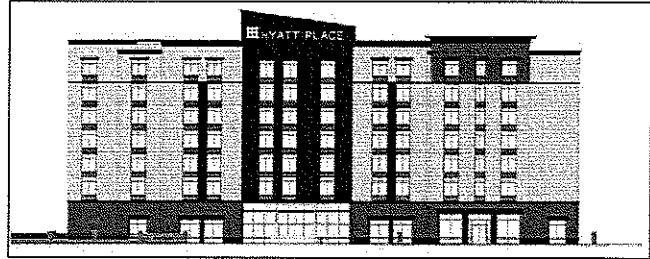


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## *Hotel / Hospitality Facilities*

### **North Shore Hyatt Pittsburgh, Pennsylvania**

H.F. Lenz Company is providing MEP engineering design services for the new North Shore Hyatt Hotel in Pittsburgh, PA. The new structure will be a seven-story, 180-room hotel adjacent to the Pittsburgh Steelers Heinz Field and the Pittsburgh Pirates PNC Park sports stadium developments and casino. The construction is anticipated to be completed in 2010.



### **SpringHill Suites by Marriott Rutherford, New Jersey**

H.F. Lenz Company is providing MEP engineering design services for the new 180-room, high-rise hotel adjacent to the New York Giants Stadium. This was the first hotel in New Jersey designed with a back-up fire protection system to be utilized in a major seismic event (a new code requirement for New Jersey). Construction is anticipated to be completed in 2010.

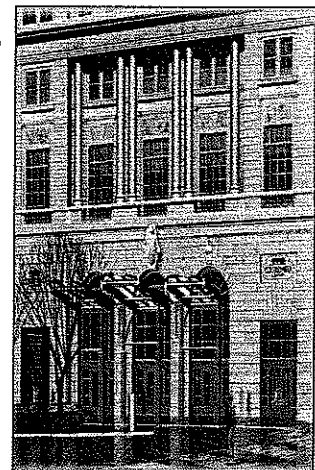


### **Settlers Ridge Courtyard by Marriott Robinson Township, Pittsburgh, Pennsylvania**

H.F. Lenz Company is providing MEP engineering design services for a new 79,000 sq.ft. 125-room, 5 -story hotel designed to attain LEED Silver Rating. Construction is anticipated to be completed in 2010.

### **Tanger Courtyard by Marriott Robinson Township, Pittsburgh, Pennsylvania**

H.F. Lenz Company is providing MEP engineering design services for a new 79,000 sq.ft. New 124-room, 5 -story hotel designed to attain LEED Certification. Construction is anticipated to be completed in 2011.

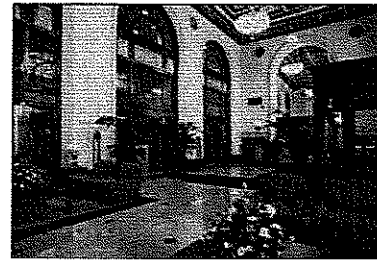


### **Courtyard by Marriott Philadelphia, Pennsylvania**

This Philadelphia historic renovation project involved the conversion of the historic City Hall Annex, into a Courtyard by Marriott hotel. The 350,000 sq.ft. structure was designed by City Architect Phillip H. Johnson and was completed in 1926. The building is listed on the National Register of Historic Places as a contributing member to the Broad Street Historic District.



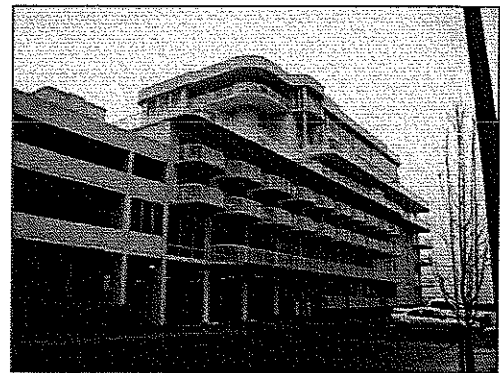
H.F. Lenz Company provided complete mechanical, electrical, and fire protection/life safety engineering services for the \$50 million project. The new state-of-the-art mechanical and electrical systems were designed so as not to intrude upon significant features and architectural finishes.



The project features 500 guest rooms with a full-service restaurant, 170-seat hotel bar/lounge, indoor pool, conference center, and other guest amenities. The renovated structure is compliant with the BOCA code as modified by the city of Philadelphia, and all other applicable federal, state and local requirements including the Americans with Disabilities Act.

**Quality Inn Beachfront Hotel  
Ocean City, Maryland**

H.F. Lenz Company completed a due diligence study and report for the potential purchase of this 8-story hotel by the Sunburst Hospitality Group. The investigation included visual observations, photography, and interviews with select hotel staff. Existing drawings were also reviewed, but were found to be deficient with respect to as-built conditions and were of little use with regard to the mechanical and electrical systems investigation. Some of the recommended repairs included:



- Roof replacement
- Boiler replacement
- Cooling tower repair
- Domestic water pumps and piping replacement
- Fan coil unit system piping replacement
- Entrance sprinkler and piping replacement
- Miscellaneous electrical repair and replacement
- Miscellaneous fire alarm repair and replacement
- Condenser water pump replacement
- Heat pump system pump replacement
- Hotel ceiling repair or replacement

**Courtyard by Marriott and Residence Inn by Marriott  
Elizabeth, New Jersey**

H.F. Lenz Company provided the mechanical and electrical design services for two new Marriott-owned hotels in Elizabeth, New Jersey. Both are 200-room facilities. A unique project element was that both hotels were built on a former sanitary landfill. Because of possible earth subsidence, all underground piping required extra support structures as well as cathodic protection. HFL also





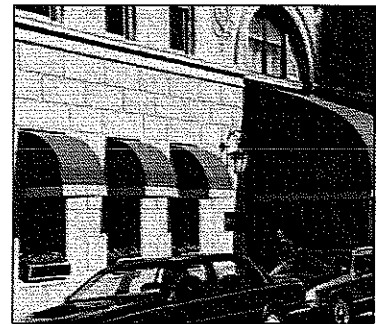
coordinated the design of the security systems, cable TV and point-of-sale network with the various Marriott vendors.

**Renaissance by Marriott  
Nashville, Tennessee**

As part of a planned process, HFL provided electrical engineering services to upgrade the finishes of the main hotel ballroom and public assembly spaces on the lower three levels of this 30-story hotel. As part of this cosmetic renovation, a new electronic lighting control system was incorporated into the existing system and compact fluorescent downlights were installed.

**The Barclay Hotel  
Philadelphia, Pennsylvania**

In 1996, H.F. Lenz Company became involved with a project to renovate and return the historic Barclay Hotel to upscale hotel and condominium use. The 22-story, 335,000 sq.ft. structure was built in 1929 and was once one of Philadelphia's premier hotels.



H.F. Lenz Company's engineering services included:

- Mechanical and electrical code analysis to determine the requirements for the HVAC, electrical, fire alarm, plumbing, and sprinkler/standpipe systems relative to federal, state, and local codes.
- Evaluation of alternate methods of heating, ventilating, and air conditioning the structure.
- Development of preliminary construction documents and outline specifications for pricing purposes.

**Courtyard by Marriott  
Latrobe, Pennsylvania**

H.F. Lenz Company provided engineering services to Sierra Associates, Pittsburgh, PA, for the preparation of site development plans for a 78-room Courtyard by Marriott on a 4.29 acre tract of the Eastpointe Technology Park in Unity Township, Latrobe, PA.

Services included design of an 89-space parking lot, preparation of utility plans, including sanitary sewerline extension, water, telephone and electric services, investigation of zoning and land development ordinances, and coordination with local governmental agencies.

**Alexandria Residence Inn by Marriott  
Alexandria, Virginia**

H.F. Lenz Company provided the mechanical and electrical design systems for an eight-story, 230-room hotel in historic "Old Town" area of Alexandria, Virginia



**Merrifield Courtyard  
Dunn Loring, Virginia**

H.F. Lenz Company provided design services for mechanical, electrical, plumbing, and telecommunications systems for a new nine-story, 200-room hotel.

**SpringHill Suites by Marriott  
Meadowlands, New Jersey**

H.F. Lenz Company provided design services for mechanical and electrical systems for a new ten-story, 216-room hotel.

**Residence Inn  
White Plains, New York**

H.F. Lenz Company provided MEP design services for lobby and room renovations.

**Hotel duPont and Learning Conference Center  
Wilmington, Delaware**

The H.F. Lenz Company provided mechanical and electrical design services for duPont's high-rise corporate office complex in Wilmington, Delaware. In addition to the restoration and renovation of the historic, world-class Hotel duPont with 190 guest rooms, the project also included a new 28,000 sq.ft. Learning Conference Center constructed in light well space within the existing building. Other parallel renovation projects involved hotel offices, function rooms, and utility service upgrades.



The design incorporated energy-conserving features such as an energy-efficient HVAC system including a new central heating/cooling plant with a swing chiller to reduce main building chiller usage and a heat recovery coil for free cooling.

The 250,000 sq.ft. project was completed at a cost of \$40 million.

**SpringHill Suites by Marriott  
Newark, New Jersey**

H.F. Lenz Company provided design services for mechanical and electrical systems for a new six-story, 200-room hotel.



**Hyatt Fair Lakes  
Fairfax, Virginia**

As part of this renovation project, HFL provided mechanical and electrical engineering services. Work was completed in the restaurant and lounge area, which is located on the ground floor of this hotel. New food service equipment was incorporated and adjacent toilet facilities were brought up to ADA standards.

**Microtel Inn & Suites  
Waynesburg, Pennsylvania**

H.F. Lenz Company provided civil and structural design services for this four-story, wood frame facility.

**Microtel Inn & Suites  
Maumee, Ohio**

H.F. Lenz Company provided structural design services for this four-story, wood frame, 85-room facility.

**Atlantic Palace Hotel  
Atlantic City, New Jersey**

The H.F. Lenz Company provided the mechanical and electrical design services necessary to upgrade an existing 30-story high-rise hotel and condominium facility to current code ventilation standards. The project involved conducting a building assessment and code compliance audit. Alternate solutions were then developed for the ventilation system along with the construction cost estimates and a project implementation plan.

It was determined that a phased construction program renovating two floors at a time would be the best solution to permit continued building occupancy. The HVAC system introduced fresh ventilation air through makeup air fans on the roof. The duct shaft was designed as a combination fresh air/stairwell pressurization system to enable using the very limited shaft space available. Each floor was then retrofitted to provide fresh air to each condo unit during normal operation. A set of changeover dampers would then revert the air supply to pressurize the stairtowers and supply makeup air to the corridor exhaust during a fire event. Smoke evacuation controls were also integrated to exhaust the building corridors as well. A completely new fire alarm system was installed along with smoke detection of the corridors, elevators, lobbies, and all sleeping rooms.

Additional renovations included a 15,000 sq. ft. outdoor plaza level upgrade overlooking the Boardwalk and the Atlantic Ocean which consisted of lighting, receptacles, two pools, and two hot tubs. The main hotel lobby was renovated as well.

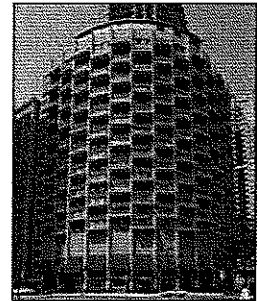


**Town Place Suites  
Springfield, Virginia**

H.F. Lenz Company provided complete design services for mechanical, electrical, and fire protection systems for this four-story, 149-room hotel.

**The Windsor Hotel  
Philadelphia, Pennsylvania**

H.F. Lenz Company provided mechanical and electrical engineering services to renovate the main lobby of this extended stay facility. The HVAC system was reconfigured with a new heat pump unit and new lighting was provided.



**Hyatt Dulles  
Herndon, Virginia**

H.F. Lenz Company provided mechanical and electrical engineering services for the renovation of the restaurant and lounge, located on the ground level of this building. This project included new food service equipment and ADA upgrades to the adjacent toilet facilities.

**Courtyard by Marriott  
Waterbury, Connecticut**

H.F. Lenz Company provided MEP design services for lobby and room renovations.

**Bedford Springs Hotel  
Bedford, Pennsylvania**

The Shorber's Run Development Company, LLC proposed improvements to the Bedford Springs Hotel, located along State Route 4009 (Business Route 220) in Bedford County, Pennsylvania. The Area of Potential Effect, the Bedford Springs Hotel Historic District, consists of approximately 300 acres of land that stretches southwest along Shorber's Run Creek between State Route 4009 and Sweet Root Road, Township Road 408. The focal point of the proposed improvements was the main hotel complex.

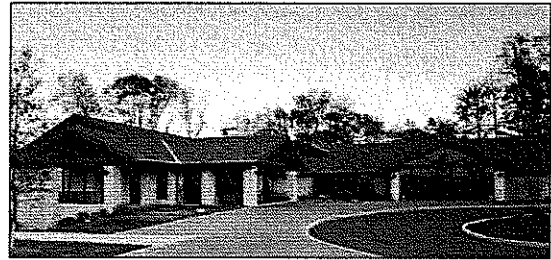


As part of the project, there were four transportation improvements which were authorized by Section 1278 of the Transportation Equity Act for the 21st Century (TEA-21): (1) rehabilitation of a pedestrian bridge which crosses S.R. 4009, Section BSH and the reconstruction of the Colonial Revival-style pergola and porte cochere which connected the colonial building to the pedestrian bridge at the turn of the century; (2) construction of flood controls measures in Shorber's Run which is adjacent to S.R. 4009, Section BSH; (3) construction of parking facilities for the Bedford Springs Redevelopment Project; and (4) construction of an emergency access road along S.R. 4009, Section BSH to the Bedford Springs Hotel.



**The Conference Center at Pitt-Johnstown  
Johnstown, Pennsylvania**

The University of Pittsburgh built this premier resort-like facility on a wooded campus tucked away in the scenic Laurel Mountains of west central Pennsylvania. The conference center boasts May-through-August accommodations for up to 1,800 people, including 200 double-occupancy rooms in the new Living/Learning Center. Each room includes a private bath, telephone, and microwave/refrigerator.



The H.F. Lenz Company provided complete mechanical, electrical, plumbing, fire protection, and telecommunications design for the 100,000 sq.ft. housing center and the 25,000 sq.ft. conference center. The housing center is used for conference participants in the summer months. The conference center is available year-round to the general public.

The conference center consists of a banquet room that holds 400 people and can be segmented into three rooms by moveable partitions; five smaller meeting rooms accommodating from 25 to 50 people; a kitchen/cafeteria with seating for 200; administrative offices; a gift shop; a teleconferencing center; exercise room and sauna; TV lounge; game room; and laundry facilities.



**Volcano Island Resort  
Fairmont, West Virginia**

H.F. Lenz Company is providing mechanical, electrical, plumbing, and structural engineering services for this new \$100 million project. The resort will be built at the 107-acre Fairmont Coke Works/Sharon Steel industrial site off Interstate 79 at exit 139 near Pricketts Fort. The project site construction preparation began in 2008. Construction is anticipated to be completed in 2012.

In addition to the 50,000 sq.ft. indoor water park open year and the 5-acre outdoor water park, Phase I of the project will include the Visa Hotel and Conference Center including 300 deluxe rooms and suites, kid-themed bunk suites, two-bedroom family suites, themed full-service restaurant and lounge, 30,000 sq.ft. conference and meeting space, 11,000 sq.ft. grand ballroom, more than 10,000 sq.ft. of additional break-out space, and a full-service day spa.

This project will be the largest private development project in Marion County history, and one of the largest in state history.



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COMPANY**

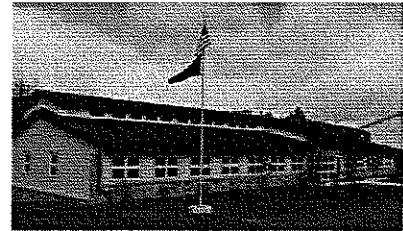
## ***Pennsylvania Department of Conservation and Natural Resources***

H.F. Lenz Company currently has held two open-end contracts with the Department of Conservation and Natural Resources and was recently awarded two new contracts as a subconsultant to architectural firms. Projects have included:

### **Penn Nursery**

#### **Potts Mills, Pennsylvania**

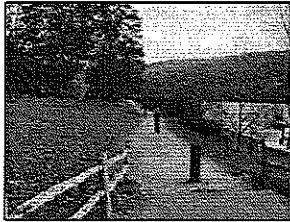
New 8,000 sq.ft. office building to house nursery and forestry personnel from throughout the state, the building contains conference areas and meeting spaces. The project is being designed to attain LEED™ Gold Certification



### **Boyce Mayview Park**

#### **Upper St. Clair Township, Pennsylvania**

Master Plan for the expansion of the Park including indoor and outdoor areas for community events, an aquatic recreation center and formal and informal grass fields. The project was designed in a low maintenance and sustainable manner



### **Laurel Hill State Park**

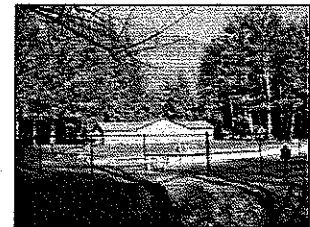
#### **Laurel Hill, Pennsylvania**

Rehabilitation of the beach day use and picnic areas. The project included the design of new restroom and changing facilities, shower facilities, a new concession area, and a life guard/first aid facility

### **Tobyhanna State Park**

#### **Tobyhanna, Pennsylvania**

The project consisted of a new beach house building consisting of a central lifeguard and first aid station, changing areas, showers, and toilet facilities, and a new comfort station, two new washhouses, and pathway



### **Hyner Run State Park**

#### **Hyner Run, Pennsylvania**

This project consists of the design of one new building which will function as a new bathhouse for the existing swimming pool and has a new washhouse/comfort station for the existing campground. The new building will have to be centrally located adjacent to the swimming pool and along the path to the campground.



**Maurice K. Goddard State Park**

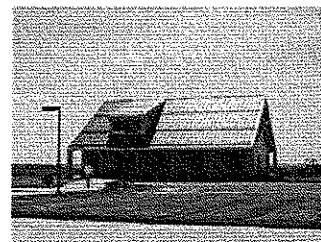
**Mercer County, Pennsylvania**

This project consisted of the design of upgrades to two (2) existing comfort stations at M. K. Goddard State Park, Mercer County, Pennsylvania. These existing comfort stations will be converted from pit latrines with no running water to having running water, lavatories and flush toilets. Sanitary sewer, water and electric utilities will be extended to serve these two (2) facilities. Each facility will be upgraded to be handicap accessible with handicap access from the adjacent parking areas.

**Rock Run Visitor Center**

**Patton, Pennsylvania**

New Welcome Center – approximately 2,000 sq.ft. housing office space, a conference center, and garage, new entrance road, and new ATV trails.



**Bear Valley Complex - Forest District # 2**

**New Maintenance Facility**

**Forest District #13 and State Parks Region I**

The project consisted of an office building HVAC system evaluation

**Lackawanna State Park**

**Dalton, Pennsylvania**

Addition to new park/forestry district office

**Elk Viewing Center**

**Benezette Township, Pennsylvania**

Under a separate contract, held by the Pennsylvania Department of General Services, H.F. Lenz Company provided engineering services for a new 7,000 sq.ft. visitor center designed to attain a LEED™ Gold Rating.



H.F. LENZ  
COMPANY

**Thomas F. Deter, P.E., LEED-AP**

**Principal-in-Charge of MEP Systems and LEED™ Accredited Professional**

Mr. Deter is responsible for the engineering design of all trades, the supervision of senior designers, the preparation of reports to determine optimal systems and/or equipment selections, and the coordination and checking of contract documents for completeness and quality. He is responsible for coordination with the client, the architect, regulatory agencies, and the engineering staff; project scheduling; and other project management functions. Mr. Deter is experienced in the design of building systems for both new buildings and building retrofits for educational, health care, commercial, government, industrial, residential, and utility related facilities. He is experienced in the design of power distribution systems; emergency power systems and monitoring; uninterruptible power supplies; lighting and emergency lighting systems; fire alarm systems; nurse call; security; sound; and telephone systems. His project experience includes (\*indicates prior experience):

**Snowshoe Mountain Resort**

Snowshoe, West Virginia

- Camp 4: *Fast-track design of prototypical one-, two-, and three-bedroom condominium units for a new residential resort development*
- Rimfire Lodge: *Design of a mountain-top resort development including 150 residential condominium units, retail shops, and restaurant*
- Seneca Building: *Design of a 52 unit condominium building consisting of one-, two-, and three-bedroom units*
- Highland House: *67 unit condominium building including retail shops*
- Valet/Check-in Building

**Oglebay Resort**

Wheeling, West Virginia

*Wilson Lodge Addition: New 4-story, 48-unit lodge building*

**Stonewall Jackson Resort**

Roanoke, West Virginia

*New 6,000 sq.ft. golf clubhouse, proshop, locker/shower room, two dining areas, and bar*

**Huntingdon County Housing Authority\***

Huntingdon County, Pennsylvania

- *Study of all housing units authority-wide and recommendations for improvements*
- *Apartment upgrades, high-rise apartment building, Mount Union*
- *Renovation of high-rise low income housing*
- *Apartment upgrades, high-rise apartment building, Huntingdon*

**Education**

Bachelor of Science, Electrical Engineering Technology, 1987, University of Pittsburgh at Johnstown

**Experience**

H.F. Lenz Company 1992 - Present

Parfitt/Ling Consulting Engineers 1990 - 1992 • Gary Johnston & Assoc., Inc. 1987 - 1990

**Professional Certification**

Licensed Professional Engineer in PA, IL, MD, NJ, OH, VA, and WV LEED™ Accredited Professional

**Professional Affiliations**

NSPE/PSPE; APPA; U.S. Green Buildings Council

**Pennsylvania State University**

Main and Branch Campuses

- *New student housing - Harrisburg Campus*
- *Nittany Apartments Phase V\**
- *Student housing in Mont Alto, Altoona, and Hazelton*

**Mifflin County Housing Authority\***

Mifflin County, Pennsylvania

- *Renovation of housing*
- *Project consisted of ten 4-unit buildings*

**Brethren Home Retirement Community\***

New Oxford, Pennsylvania

*Renovation of skilled care and personal care buildings and a 75,000 sq.ft. community center addition*

**Phoebe Berks Retirement Community**

Wernersville, Pennsylvania

- *125 independent living units*
- *Concept plans for personal care facility, apartment building, and community center*

**The Conference Center at Pitt-Johnstown**

Johnstown, Pennsylvania

*New 125,000 sq.ft. conference center and dormitory complex including dining facility*

**Carnegie Mellon University**

Pittsburgh, Pennsylvania

*New \$10M first year residence hall - LEED™ Silver rating*





H.F. LENZ  
COMPANY

**Steven P. Mulhollen, P.E.**  
**Electrical Engineer**

Mr. Mulhollen is experienced in the design of power distribution systems, control systems, emergency power systems, lighting and emergency lighting systems, fire alarm systems, security, sound, and telecommunication systems for correctional, educational, institutional, industrial, health care, and commercial facilities. *Mr. Mulhollen served as the electrical engineer on the following projects:*

Snowshoe Mountain Resort  
Snowshoe, West Virginia  
– Highland House: 67 unit condominium building including retail shops  
– Seneca Building: Design of a 52 unit condominium building  
– Expedition Station: 100 unit condominium building including retail shops

Volcano Island Resort  
Fairmont, West Virginia  
*New \$100 million resort, including the Visa Hotel and Conference Center which will have 300 deluxe rooms and suites, kid-themed suites, and two-bedroom family suites (currently in design)*

University of Charleston  
Charleston, West Virginia  
*New four-story, 220-bed Brotherton Hall dormitory*

CFRST Brands LEED® Volume Program  
Marriott International  
Various Locations  
*Engineering services for a new prototype design to provide for basic LEED Certification requirements for Marriott International's new Courtyard, Fairfield, Residence Inn, Springhill Suites and Townplace Suites brands*

Temple University  
Philadelphia, Pennsylvania  
– *New South Gateway 1,500 student high-rise residence halls, major dining pavilion and retail complex (currently in design)*

Settlers Ridge Courtyard by Marriott  
Robinson Township, Pittsburgh, Pennsylvania  
*New 125-room, 5-story hotel designed to attain LEED Silver Rating*

Tanger Courtyard by Marriott  
Robinson Township, Pittsburgh, Pennsylvania  
*New 124-room, 5-story hotel designed to attain LEED Certification*

North Shore Hyatt  
Pittsburgh, Pennsylvania  
*New 180-room hotel adjacent to the Pittsburgh Steelers Heinz Field and the Pittsburgh Pirates PNC Park and the new casino*

SpringHill Suites by Marriott  
Rutherford, New Jersey  
*Design services for the new 180-room, high-rise hotel adjacent to the New York Giants Stadium*

Residence Inn  
White Plains, New York  
*Design services for lobby and room renovations*

Carnegie Mellon University  
Pittsburgh, Pennsylvania  
*New 125-room first year residence hall, LEED® Silver*

Duquesne Club  
Pittsburgh, Pennsylvania  
*Renovation and expansion of the commercial kitchen which includes a full bakery, is operational 365 days a year and serves 25 dining rooms and 33 guestrooms*

#### **Education**

Bachelor of Science, Electrical Engineering, 1988  
The Pennsylvania State University, University Park, Pennsylvania

#### **Experience**

H.F. Lenz Company 1999 – Present • L. Robert Kimball & Associates 1996 – 1999 • Leach Wallace Associates, Inc. 1990 – 1996 • E.A. Mueller, Inc. 1988 – 1990

#### **Professional Registration / Certification**

Licensed Professional Engineer in Pennsylvania • Alabama • Florida • Maryland • Missouri • New Jersey • New Mexico • Ohio • Tennessee

#### **Professional Affiliations**

Institute of Electrical and Electronics Engineers, Inc.



H.F. LENZ  
COMPANY

**Scott A. Mack, P.E., LEED®-AP**

**Mechanical Engineer and LEED® Accredited Professional**

Mr. Mack has 15 years experience in the design of HVAC, plumbing, and fire protection systems. His responsibilities have included code compliance verification, schematic layout, calculations, equipment selection, control system selection, specification writing, coordination, life cycle cost analyses, cost estimating. His experience includes the design of mechanical systems for office buildings, educational facilities, industrial plants, and military installations. He has also been involved in the design of chiller and boiler plants. *Mr Mack served as the mechanical engineer for the following projects:*

Snowshoe Mountain Resort  
Snowshoe, West Virginia  
– Highland House: 67 unit condominium building including retail shops  
– Seneca Building: Design of a 52 unit condominium building  
– Expedition Station: 100 unit condominium building including retail shops

Oglebay Resort  
Wheeling, West Virginia  
Wilson Lodge Addition: New 4-story, 48-unit lodge building

Volcano Island Resort  
Fairmont, West Virginia  
New \$100 million resort, including the Visa Hotel and Conference Center which will have 300 deluxe rooms and suites, kid-themed suites, and two-bedroom family suites (currently in design)

University of Charleston  
Charleston, West Virginia  
New four-story, 220-bed Brotherton Hall dormitory

CFRST Brands LEED® Volume Program  
Marriott International  
Various Locations  
Engineering services for a new prototype design to provide for basic LEED Certification requirements for Marriott International's new Courtyard, Fairfield, Residence Inn, Springhill Suites and Townplace Suites brands  
Settlers Ridge Courtyard by Marriott

Robinson Township, Pittsburgh, Pennsylvania  
New 125-room, 5-story hotel designed to attain LEED Silver Rating

Tanger Courtyard by Marriott  
Robinson Township, Pittsburgh, Pennsylvania  
New 124-room, 5-story hotel designed to attain LEED Certification

North Shore Hyatt  
Pittsburgh, Pennsylvania  
New 180-room hotel adjacent to the Pittsburgh Steelers Heinz Field and the Pittsburgh Pirates PNC Park and the new casino

SpringHill Suites by Marriott  
Rutherford, New Jersey  
Design services for the new 180-room, high-rise hotel adjacent to the New York Giants Stadium

Residence Inn  
White Plains, New York  
Design services for lobby and room renovations

West Virginia University  
Morgantown, West Virginia  
New alumni center with banquet hall, three conference rooms, offices, full service kitchen, and storage areas

Stonewall Jackson Resort  
Roanoke, West Virginia  
New 6,000 sq.ft. golf clubhouse, proshop, locker/shower room, two dining areas, and bar

#### **Education**

Bachelor of Architectural Engineering, 1995, Pennsylvania State University

#### **Experience**

H.F. Lenz Company 1995 - Present

#### **Professional Registration / Certification**

Professional Engineer, Pennsylvania; Certified LEED™ Accredited Professional

#### **Professional Affiliations**

ASHRAE – Johnstown, PA Chapter, member of the Board of Governors



**H.F. LENZ  
COMPANY**

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**Gregory D. Rummel, C.P.D.**  
**Plumbing/Fire Protection Designer**

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Mr. Rummel has designed complete plumbing and fire protection systems for hotels and resorts, colleges, schools, office buildings, hospitals, prisons, laboratories, industrial facilities, and military installations. He is fully knowledgeable of NFPA codes and is experienced in the design of wet, dry, preaction, FM200, and deluge fire protection systems. He is responsible for plumbing and sprinkler system design, layout, and calculations; selection and sizing of equipment; cost estimates; and site survey work. Mr. Rummel supervises drafting personnel; coordinates the plumbing design with utility companies, with other trades, and with the Project Engineer and Project Architect; and is responsible for assembling complete and accurate plumbing bid documents which meet H.F. Lenz Company standards.

***Mr. Rummel served as the plumbing and fire protection systems designer for the following projects:***

Snowshoe Mountain Resort

Snowshoe, West Virginia

- Camp 4: *Fast-track design of prototypical one-, condominium units for a new residential resort*
- Rimfire Lodge: *150 residential condominium units, retail shops, and restaurant*
- Seneca Building: *52 unit condominium building*
- Highland House: *67 unit condominium building including retail shops*
- Expedition Station: *100 unit condominium building including retail shops*

Volcano Island Resort

Fairmont, West Virginia

*New \$100 million resort, including the Visa Hotel and Conference Center which will have 300 deluxe rooms and suites, kid-themed suites, and two-bedroom family suites (currently in design)*

University of Charleston

Charleston, West Virginia

*New four-story, 220-bed Brotherton Hall dormitory*

Settlers Ridge Courtyard by Marriott

Robinson Township, Pittsburgh, Pennsylvania

*New 125-room, 5 -story hotel designed to attain LEED Silver Rating*

Tanger Courtyard by Marriott

Robinson Township, Pittsburgh, Pennsylvania

*New 124-room, 5 -story hotel designed to attain LEED Certification*

North Shore Hyatt

Pittsburgh, Pennsylvania

*New 180-room hotel adjacent to the Pittsburgh Steelers Heinz Field and the Pittsburgh Pirates PNC Park and the new casino*

SpringHill Suites by Marriott

Rutherford, New Jersey

*Design services for the new 180-room, high-rise hotel adjacent to the New York Giants Stadium*

Residence Inn

White Plains, New York

*Design services for lobby and room renovations*

Carnegie Mellon University

Pittsburgh, Pennsylvania

*New 125-room first year residence hall, LEED® Silver*

CFRST Brands LEED® Volume Program

Marriott International

Various Locations

*Engineering services for a new prototype design to provide for basic LEED Certification requirements for Marriott International's new Courtyard, Fairfield, Residence Inn, Springhill Suites and Townplace Suites brands*

**Education**

B.S. in Mechanical Engineering Technology, 2000, Point Park College

Associate in Specialized Technology 1984, Architectural Drafting and Construction with CAD Technology, Triangle Institute of Technology

**Experience**

H.F. Lenz Company 1989 - Present • Newport News Ship Building 1984 - 1989

**Professional Certification**

Certified in Plumbing Design, ASPE



**STEVENS  
ENGINEERING**

Stevens Engineering is recognized throughout North America for responsive planning and engineering design. With nearly 30 years of service to its clients, Stevens Engineering is an accomplished source for passenger ropeway engineering, planning and design of lift and trail systems, snow tubing park design and mountain surveying.

Lift relocation engineering and the design of upgrades and modifications to existing lift installations are technical specialties at the core of the firms' capabilities. Stevens Engineering frequently assists lift manufacturers with the design of new installations, major lift upgrades and lift profile surveying. Ski area clients often seek out the technical expertise and the knowledge of governing standards and regulations Stevens Engineering has to offer for assistance in preparing comprehensive and result-oriented bid specifications for future lift purchases and for expert witness representation.

Contact: Ross Stevens, P.E. 215 Sargent Road New London, New Hampshire 03257  
Ph: 603-526-2493 Fax: 603-526-2003 email: [steveng@tds.net](mailto:steveng@tds.net)  
[www.stevens-engineering.com](http://www.stevens-engineering.com)



**STEVENS  
ENGINEERING**

P.O. Box 1945 New London, NH 03257  
Tele: (603) 526-2493 Fax: (603) 526-2003

### **PROFESSIONAL PROFILE**

**Ross A. Stevens, P.E.**, President, STEVENS ENGINEERING  
215 Sargent Road  
P.O. Box 1945  
New London, NH 03257

### **SPECIALIZED PROFESSIONAL COMPETENCE**

**Passenger Ropeways:**

Aerial Ropeways  
Surface Lifts  
Conveyors

Planning, Engineering Design, Analysis, Inspection,  
Relocation Engineering, Upgrades, Modifications,  
Due Diligence Surveys, Dynamic Testing,  
Maintenance Consulting, Accident Investigation,  
Profile Surveying, Construction Engineering  
Planning & Engineering Design, Terrain Dynamics Evaluation  
Site Planning, Engineering Design, Surveying, Permitting  
Engineering Design, Analysis, Inspection

**Snow Tubing Parks:**

**Civil Engineering:**

**Structural Engineering:**

### **PROFESSIONAL BACKGROUND**

**Registered Professional Engineer** and **Qualified Tramway Engineer** in: Maine, Maryland  
New Hampshire, Vermont, Connecticut, Massachusetts,  
New York, Pennsylvania, Michigan, Utah,  
Wisconsin, New Jersey, Colorado, Idaho, Iowa, Tennessee,  
West Virginia, Wisconsin, Ontario, New Brunswick

**Bachelor of Science Degree** in Civil Engineering University of Massachusetts, Amherst - 1974  
**Entered Profession in 1974**

### **AFFILIATIONS**

**NATIONAL TRAMWAY STANDARDS BOARD** – Member from 2000 - 2006

**AMERICAN NATIONAL STANDARDS INSTITUTE** - ASC B77 Accredited  
Standards Committee - American National Standard for Passenger Tramways,  
Committee Member

**OITAF-NACS** - International Organization for Transportation by Rope, North  
American Continental Section, Member

**NSAA** - National Ski Areas Association, Member

**OSRA** - Ontario Ski Resorts Association, TSSA/OSRA Technical Advisory Committee

**SENH** - Structural Engineers of New Hampshire, Member

**State of New Hampshire**, Governor's Office of Emergency Management - ACT-20  
Post-Earthquake Building Safety Evaluation Engineer



**STEVENS  
ENGINEERING**

**SELECTED CLIENTS  
FOR THE  
MOUNTAIN RESORT INDUSTRY**

Squaw Valley - CA	Nashoba Valley - MA
CNL Lifestyles, LLC - FLA	Amesbury Sports Park - Amesbury, MA
Arrowhead Ski Area - NH	Blue Hills Ski Area - Canton, MA
Mount Isenglass Snow Park - NH	Conservation Tourism, LTD - MA
Attitash - NH	Aon-Reed Stenhouse - ON
Cannon Mtn. - NH	Searchmont - ON
Crotched Mountain, Francistown, NH	Horseshoe Valley - ON
Dartmouth Skiway, NH	Craigleith Ski Club - ON
Gunstock, NH	Cassels Brock & Blackwell - ON
Willis of New Hampshire	Dale Intermediaries Ltd. - Toronto, ON
Kaser North America - Grantham, NH	Hidden Valley Highlands Ski Club - ON
Mount Cranmore - North Conway, NH	Hughes, Amys - Toronto, ON
Mount Sunapee State Park, NH	Zurich Canada - Toronto, ON
Star Lifts, Sunapee, NH	Snow Valley - Barrie, ON
State of NH - Dept. of Parks and Recreation	Berthoud Pass, CO
Proctor Academy, NH	Breckenridge, CO
Rowell Hill - NH	Howelson Hill, CO
Moose Mountain - NH	Jenlynn International, Inc. - Boulder, CO
Ragged Mountain - NH	Stadel USA - Boulder, CO
Whaleback - Lebanon, NH	Doppelmayr USA - Golden, CO
Bretton Woods - NH	Poma of America - CO
Waterville Valley - Waterville Valley, NH	Ski Snowstar - Ill
King Ridge - New London, NH	Sun Valley Company - Idaho
Snow Hill at Eastman - NH	Mt. Crescent - Iowa
Sno-engineering, Inc. - Littleton, NH	Sleepy Hollow Sports Park - Iowa
Poma of America - West Lebanon, NH	Norway Mountain - MI
Ragged Mountain, NH	Ski Brule - MI
Tenney Mountain - New Hampshire	Mt. Bohemia, MI
Mountain Creek - NJ	Porcupine Mountain - MI
Hidden Valley - NJ	U.S. Gypsum, MI
Ober Gatlinberg, TN	Whiteface - Olympic Regional Development
Burke Mtn. - VT	Authority - Wilmington, NY
Round Top, VT	Catamount - NY
Bolton Valley, VT	Mount Peter, NY
Stratton Mountain - VT	Gore Mountain - NY
Mount Snow - VT	Partek Enterprises, Inc. - Pine Island, NY
Smugglers Resort - VT	USMA, West Point - NY
Haystack, VT	Big Tupper - NY
Mount Mansfield Resort - Stowe, VT	Snow Park Niagara - NY
Round Top, VT	Scotch Valley, NY
Sugarbush Resort - Warren, VT	Hunt Hollow, NY
Mad River Glen - Fayston, VT	Ski Windham - NY
Magic Mountain, VT	Royal Mtn. - NY
Jay Peak Resort - Jay, VT	Belleayre Ski Center - NY
Middlebury Snow Bowl - Middlebury, VT	Whitetail Ski Company - Mercersburg, PA
Bear Creek - VT	Laurel Mountain State Park - PA
Wachusett Mountain - Princeton, MA	Boyce Park Ski Area - Pittsburg, PA
Otis Ridge - MA	Willowbrook - PA
Ski Bradford - MA	Ski Big Bear - PA



**SELECTED CLIENTS  
FOR THE  
MOUNTAIN RESORT INDUSTRY**

**Framar, Inc., PA  
Montage Ski Area - PA  
Pinecrest Resorts - PA  
Framar, Inc - PA  
Ski Roundtop - PA  
Rustler Lodge - Alta, Utah**

**Bruckschlogl GES.M.B.H - Austria  
Winter Park - Wisconsin  
Rib Mountain - Wisconsin  
Hermon Mountain - Maine  
Oxford Plains Snowtubing, Maine  
Sugarloaf USA - Maine  
Camden Snow Bowl - Maine  
Mars Hill - Maine  
Shawnee Peak - Maine  
Saddleback - Maine  
Sports Parks of Maine  
Shawnee Peak - Maine  
Sunday River - Maine  
Eaton Mountain - Maine  
Stone Mountain Park - GA  
Ober Gatlinburg - TN  
Garaventa, CTEC - Utah  
Division of Parks and Recreation -  
Commonwealth of WV  
Canaan Valley - WV  
Oglebay Family Resort - WV  
The Chapman Technical Group - WV  
Snowshoe Mountain Resort - WV  
Mount Ashwabay - WI  
Dosel, S.A. - Costa Rica  
Rain Forest Trams - Costa Rica  
Rain Forest Trams, LTD - Dominica  
Poley Mountain - New Brunswick  
Mount Southington - CT  
Yawgoo Valley - CT  
Brandywine - Ohio**

Allen R. Means  
151 Columbus Court  
Martinsburg, WV 25404  
304.671.4298

A native West Virginian, Al Means grew up on the outskirts of Charleston. Developing hunting and marksmanship skills at an early age, he was well schooled by a family with an extensive hunting tradition.

Al enlisted in the Air Force during the Viet Nam era, qualifying as a Small Arms Expert twenty six consecutive years before retiring as a Senior Master Sergeant. His career stationed him overseas several times. He took advantage of every hunting opportunity, such as shooting driven pheasant in England and Denmark and deer hunting in Southeast Asia. While in Germany he began to be involved instruction and conservation. Obtaining a hunting license in Germany is akin to completing an Associate's Degree in Hunting and Habitat Conservation. Al completed the German Hunting Instructor Course, and became the Chief Instructor for the Frankfurt Military Community. Al won the High Over All in the German State of Hessen Shooting Championship, which included Skeet, Trap, Rifle and Handgun events.

It was while practicing to qualify for the German shotgun proficiency test that Al was introduced to Skeet Shooting. He became obsessed with the sport, quickly rising to the top classes. He has won many West Virginia State Skeet Championships and titles in major skeet tournaments around the country including Armed Services 28 Gauge Champion. For his shooting accomplishments, he has been named to All American Teams six times.

Instructing and advocating his love for shotgun sports to others was a natural progression for Al. He is certified a "Level Two" instructor by the National Skeet Shooting Association and is a "Becoming an Outdoors Woman" program instructor and as such has introduced shooting sports to many people.

Applying his experience to development, Al was the lead person for the design and construction of the Skeet facilities at the Jefferson County Izaak Walton League in as well as construction and management of the Pro Shop retail outlet at the National Capital Skeet and Trap Club in Darnestown, Maryland.

Al is involved in shooting sports on many levels. He has managed a large gun club, is a Skeet shooting referee, has organized and managed major national competitions, presently serves as a National Director at Large and is the Chairman of the World Skeet Championships.



Augusta Apartments, LLC  
2567 University Avenue, STE 7000  
Morgantown, WV 26505  
(304) 296-3787

## the Augusta on the Square

April 23, 2007

Richard A. Colebank  
Alpha Associates  
209 Prairie Avenue  
Morgantown, WV 26501

Dear Richard:

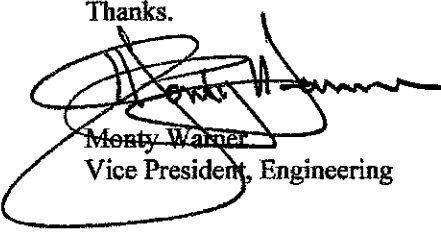
I am writing to express my appreciation for the diligent and professional work of your firm. Our Augusta Apartments, a \$26 million upscale residential facility, was made possible by Alpha's responsiveness to a most demanding schedule. I commend you and your people for tremendous work on a most complex and demanding project.

Particularly important to overcome the daunting tasks inherent in our project were these Alpha attributes:

1. **Critical skills all under one roof.** Architecture, Civil Engineering, Structural Engineering, and Urban Planning were all available and coordinated when needed.
2. **Knowledge of Morgantown.** Timely response was critical. The team at Alpha had the contacts, the rapport, the personal relationships, and the in-depth knowledge of the local area and agencies to influence the action in real time.
3. **Availability and responsiveness.** 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.
4. **Collegiality and Comraderie.** The team at Alpha is fun. They enjoy their work and they show it. They are good to have on the development team or to join for lunch. The support staff are personable and a joy with whom to work.

You have a fine organization and it has been our pleasure to work with such a professional team. I recommend your services to others and welcome the opportunity to be a reference for your firm, should you ever need it.

Thanks.



Monty Warner  
Vice President, Engineering

Au<sup>2</sup>



BY CHOICE HOTELS

## Clarion Hotel & Conference Center

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April 1, 2010

Alpha Associates, Incorporated  
535 West King Street  
Martinsburg, WV 25401

To Whom It May Concern:

I would like to take this opportunity to offer a formal recommendation for Alpha Associates, Inc., a valued business affiliate for many years. I would commend them on their outstanding and professional service, and the excellence in the designs of the numerous projects on which we have collaborated.

The dedicated staff - Dick Klein, Ryan Perks, Kim Coomler, and Cleo Cole, to name a few - have continuously demonstrated professionalism and initiative in the engineering, surveying, and planning of each project we have worked on together, and it has been my pleasure to utilize Alpha Associates almost exclusively.

I would strongly recommend the services of Alpha Associates, Inc. for any engineering, surveying, and design projects.

Sincerely,



Tripp Lowe  
Director of Hotel Operations



Business Office

RECEIVED

MAY 01 2008

ALPHA ASSOCIATES

April 28, 2008

Bobbie Hawkins  
Alpha Associates  
209 Prairie Avenue  
Morgantown, WV 26501

Dear Bobbie,

I recently had the pleasure of your visit to our campus and was happy to meet you.

The Potomac State College Connector Project was a great success. The addition has enabled us to adjoin two existing major buildings on our campus and provide common ADA-compliant access to both multi-story structures.

We at the College are very pleased with the design, construction and completed project. Although one building being connected was built in 1919 and the other in 1968, the completed addition gives the appearance that the two buildings have been one during their time of existence. I personally like the design to accommodate the differences in floor elevations between the two buildings inside the addition itself as opposed to ramping structures within the existing structures.

I have heard nothing but positive comments about the project and completed structure. The structure moves us a long way towards ADA compliance on our campus.

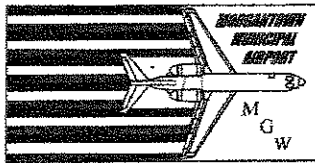
I found both Matt Breakey and Thomas Pritts to be both personable and professional. The two remained focused throughout the project to ensure the College received the quality structure that we envisioned.

I look forward to other potential future projects that Alpha Associates may be willing to provide its services. Thanks for a job well done!

Sincerely,

A handwritten signature in dark ink, appearing to read 'Harlan Shreve'.

Harlan Shreve  
Chief Business Officer



## ***Morgantown Municipal Airport***

100 Hart Field Road  
Morgantown, West Virginia 26505  
(304) 291-7461  
[www.morgantownairport.com](http://www.morgantownairport.com)

Robert E. Hammel, Director  
C: (304) 290-7461  
[robhammel@westco.net](mailto:robhammel@westco.net)

**May 1, 2007**

**MEMORANDUM FOR** ALPHA Associates, Inc, ATTN: Mr. Richard Colebank,  
President/CEO, 209 Prairie Avenue, Morgantown, WV 26505

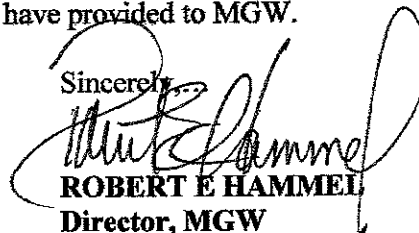
**SUBJECT:** Memorandum of Appreciation and Recommendation

On behalf of the management and staff of the Morgantown Municipal Airport (MGW), we wish to extend our sincere appreciation to your company for the absolute professionalism that your employees have demonstrated during the many years that you and your associates have served as MGW's contracted Architecture and Engineering (A&E) firm. Every aspect and detail of your planning, coordination, and completed projects have been exceptional and outstanding in every regard. The efforts of your airport designated staff, in tandem with their respective individual expertise, are considered to have been of the highest specialized caliber available within the civilian engineering and consultant community.

I want to specifically thank Mr. Brad Casdorff and Mr. Jeff Barr for their committed reliability, availability, and dedicated initiative in keeping the airport management and staff informed and updated in regard to project status and plans. Additionally, we'd like to personally thank Ms. Bobbie Hawkins for her noteworthy ability to maintain a very effective line of communication between the airport and your staff. These individuals, as well as yourself, are truly the rare type of professionals who not only have the propensity to do a job, but most importantly "do it well!"

Accordingly, we wish to thank you for a "job well done" and look forward to working with you in the future. With best regards, we sincerely hope that this letter can serve as a recommendation to your future clients and we are certainly willing to advocate your engineering excellence and the outstanding service that you have provided to MGW.

Sincerely,

  
**ROBERT E HAMMEL**  
Director, MGW

CF:  
MGW Advisory Committee Members