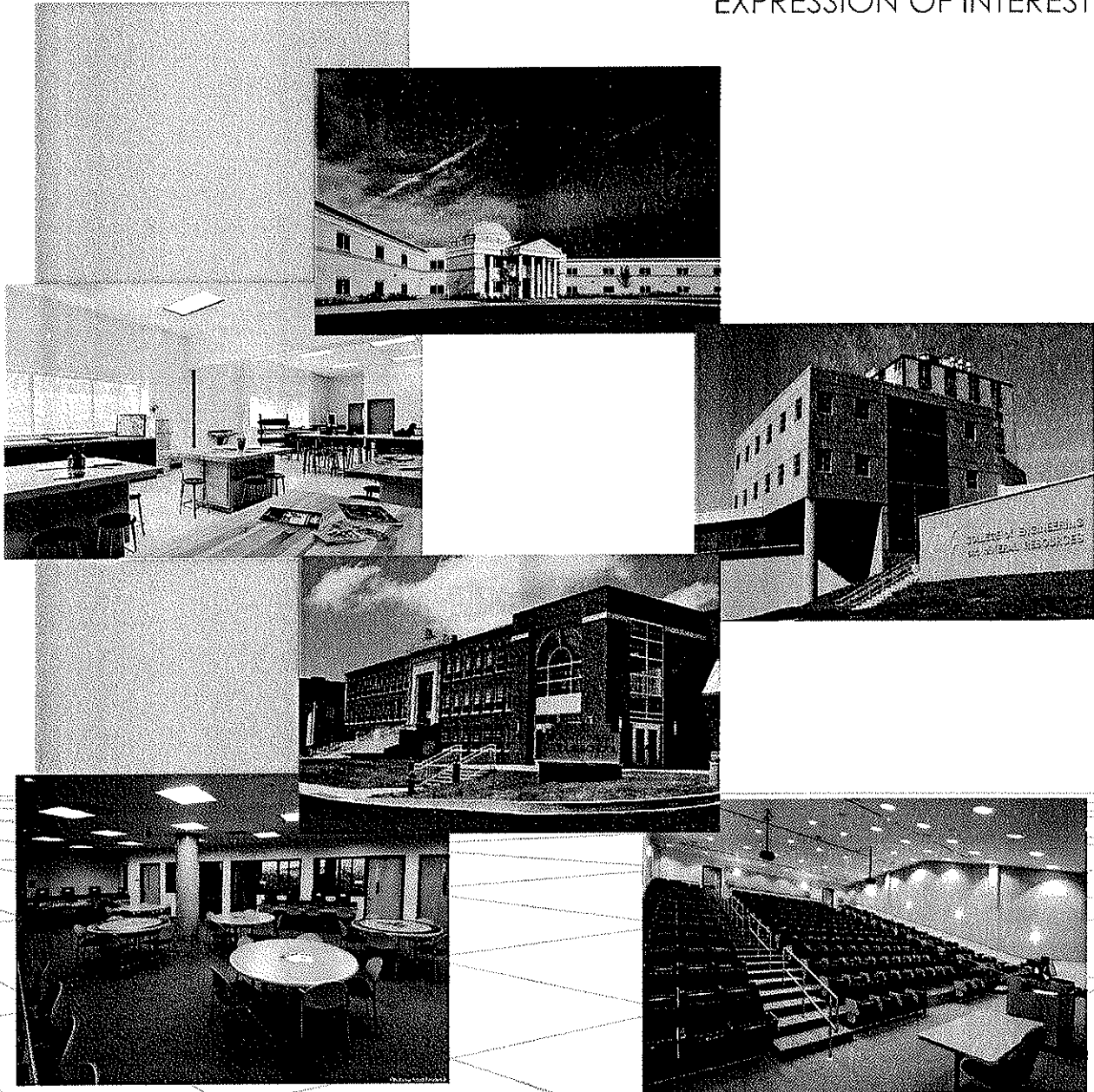


West Virginia Purchasing Division WV Schools for the Deaf and Blind Comprehensive Educational Facilities Plan April 12, 2011

EXPRESSION OF INTEREST



RECEIVED

ON APR 11 AM 11:45

WV PURCHASING
DIVISION



ALPHA
ASSOCIATES, INCORPORATED

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
DBSM111059

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
**SHELLY MURRAY
 304-558-8801**

VENDOR

RFQ COPY
 TYPE NAME/ADDRESS HERE

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

SHIP TO

SCHOOL FOR THE DEAF & BLIND
 RECEIVING DEPARTMENT
 301 EAST MAIN STREET
 ROMNEY, WV
 26757-1894 304-822-4810

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
03/23/2011				

BID OPENING DATE: **04/12/2011** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		906-00-00-001		
EXPRESSION OF INTEREST THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA SCHOOLS FOR THE DEAF AND BLIND, IS SOLICITING EXPRESSIONS OF INTEREST FOR PROFESSIONAL ARCHITECT/ENGINEERING SERVICES TO DEVELOP A COMPREHENSIVE EDUCATIONAL FACILITIES PLAN (CEFP) PER THE ATTACHED SPECIFICATIONS.						
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL						
LIFE OF CONTRACT: THIS CONTRACT BECOMES EFFECTIVE UPON AWARD AND EXTENDS FOR A PERIOD OF ONE (1) YEAR OR UNTIL SUCH "REASONABLE TIME" THEREAFTER AS IS NECESSARY TO OBTAIN A NEW CONTRACT OR RENEW THE ORIGINAL CONTRACT. THE "REASONABLE TIME" PERIOD SHALL NOT EXCEED TWELVE (12) MONTHS. DURING THIS "REASONABLE TIME" THE VENDOR MAY TERMINATE THIS CONTRACT FOR ANY REASON UPON GIVING THE DIRECTOR OF PURCHASING 30 DAYS WRITTEN NOTICE.						
UNLESS SPECIFIC PROVISIONS ARE STIPULATED ELSEWHERE IN THIS CONTRACT DOCUMENT BY THE STATE OF WEST VIRGINIA, ITS AGENCIES, OR POLITICAL SUBDIVISIONS, THE TERMS, CONDITIONS AND PRICING SET FORTH HEREIN ARE FIRM FOR THE LIFE OF THE CONTRACT.						
RENEWAL: THIS CONTRACT MAY BE RENEWED UPON THE MUTUAL WRITTEN CONSENT OF THE SPENDING UNIT AND VENDOR,						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>[Signature]</i>	TELEPHONE 304-296-8216	DATE 04-08-11
TITLE President and COO	FEIN 55-0516286	ADDRESS CHANGES TO BE NOTED ABOVE

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

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

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

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

INSTRUCTIONS TO BIDDERS

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



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
DBSM111059

PAGE
2

ADDRESS CORRESPONDENCE TO ATTENTION OF:
**SHELLY MURRAY
 304-558-8801**

VENDOR

RFQ COPY
 TYPE NAME/ADDRESS HERE

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

SHIP TO

SCHOOL FOR THE DEAF & BLIND
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03/23/2011				

BID OPENING DATE: **04/12/2011** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UQP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>SUBMITTED TO THE DIRECTOR OF PURCHASING THIRTY (30) DAYS PRIOR TO THE EXPIRATION DATE. SUCH RENEWAL SHALL BE IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE ORIGINAL CONTRACT AND SHALL BE LIMITED TO TWO (2) SUCCESSIVE ONE (1) YEAR PERIODS.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICES SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM WITH THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT IS AUTOMATICALLY NULL AND VOID, AND IS TERMINATED WITHOUT FURTHER ORDER.</p> <p style="text-align: center;">NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p style="text-align: center;">DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE *[Signature]* TELEPHONE 304-296-8216 DATE 04-18-11

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**

RFQ NUMBER
DBSM111059

PAGE
3

ADDRESS CORRESPONDENCE TO ATTENTION OF
**SHELLY MURRAY
 304-558-8801**

**RFQ COPY
 TYPE NAME/ADDRESS HERE**

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Alpha Associates, Inc
 209 Prairie Avenue
 Morgantown, WV 26501

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**SCHOOL FOR THE DEAF & BLIND
 RECEIVING DEPARTMENT**

**301 EAST MAIN STREET
 ROMNEY, WV
 26757-1894 304-822-4810**

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
03/23/2011				

BID OPENING DATE: **04/12/2011** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
BUYER:				SHELLY MURRAY		
RFQ. NO.:				DBSM111059		
BID OPENING DATE:				04/12/2011		
BID OPENING TIME:				1:30 PM		
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: 304-296-8216						

CONTACT PERSON (PLEASE PRINT CLEARLY): James A. Davison, AIA						

***** THIS IS THE END OF RFQ DBSM111059 ***** TOTAL: _____						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE *[Signature]* TELEPHONE 304-296-8216 DATE 04-08-11

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

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

RFQ No. DBSM111059

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

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

DEFINITIONS:

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

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

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

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

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: Alpha Associates, Incorporated

Authorized Signature: [Signature] Date: 4-8-2011

State of West Virginia

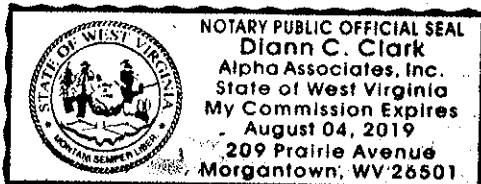
County of Monongalia, to-wit:

Taken, subscribed, and sworn to before me this 8th day of April, 2011.

My Commission expires August 4, 2019

AFFIX SEAL HERE

NOTARY PUBLIC [Signature]





ARCHITECTS • ENGINEERS • SURVEYORS

April 12, 2011

Purchasing Division
2019 Washington Street, East
PO Box 50130
Charleston, WV 25305-0130

Attn: Ms. Shelly Murray

Re: Expression of Interest – RFQ# DBSM111059

Dear Ms. Murray,

Alpha Associates, Incorporated is pleased to submit this Expression of Interest to the West Virginia Schools for the Deaf and Blind to provide architectural and engineering services to develop a ten year Comprehensive Educational Facilities Plan (CEFP). We have developed a team that has the knowledge and experience needed to complete all aspects of your facility plan.

HISTORY/EXPERIENCE

Alpha has provided architectural and engineering design services for a wide variety of projects throughout the state of West Virginia since 1969. Over the past 42 years we have performed multiple building evaluations and feasibility studies, as well as millions of dollars in new construction and renovation projects for K-12 and Higher Education facilities. We have completed ten year CEFP's for multiple Boards of Education including: Taylor County Schools, Grant County Schools, Monongalia County Schools, and Wyoming County Schools.

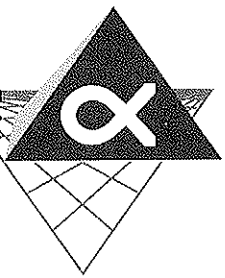
Knowledge of the West Virginia School Building Authority, the West Virginia Department of Education and the State Fire Marshal is necessary to create a successful project. Alpha's team is intimately familiar with all aspects of these agencies.

YOUR TEAM

When you choose Alpha to assist you with your ten year CEFP you will benefit from a team that will listen, is highly knowledgeable in the creation of CEFP's, will communicate effectively, and has a dependable staff that will make your project a priority. Your design team will consist of Alpha Associates, Incorporated, DeJong-Richter, and Miller Engineering, Incorporated.



Alpha provides services in architectural design, civil and structural engineering, surveying, interior design, landscape design, and construction administration. We have a dedicated staff of 33 professionals and support staff that will make your project a



priority. Alpha will be the lead firm and your single point of contact throughout the project.



Alpha will utilize DeJong - Richter as an Educational Consultant. DeJong is a Certified Facilities Planner as recognized by the Council of Educational Facility Planners International. Their team includes problem solvers who are experienced in handling all aspects of school facility planning. DeJong worked with Alpha recently to complete the CEFPP for Monongalia County Schools and Wyoming County Schools. Their project experience includes a Master Plan for the Florida School for the Deaf and Blind and Educational Specifications for the Ohio School for the Deaf and Blind. DeJong's qualifications and experience will be a tremendous asset to Alpha's team.



Miller Engineering Incorporated will provide the mechanical, electrical and plumbing components of the CEFPP. Craig Miller will be the Principal-In-Charge for MEI. Mr. Miller has vast experience not only in evaluating and designing MEP systems, but also in maintaining them. Alpha and MEI have worked together on several projects throughout the past 11 years. We have developed a team synergy that aids in the success of projects.

SUMMARY

Alpha's team has the experience, knowledge, and capacity to complete all aspects of your Comprehensive Educational Facilities Plan. We will work closely with the administration, staff and community of the West Virginia Schools for the Deaf and the Blind to improve the educational and residential settings for the students enrolled in the school. We are confident that we are the right team for your project. We look forward to working with you soon.

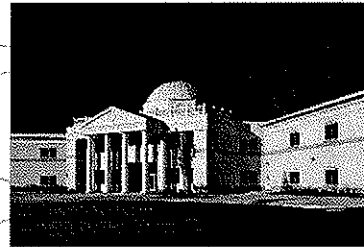
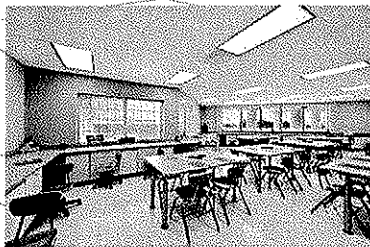
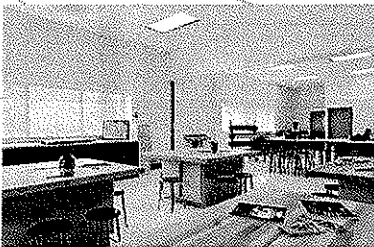
Sincerely,

ALPHA ASSOCIATES, INCORPORATED

James A. Davison, AIA
Vice President
jdavison@alphaaec.com

Firm ProfileALPHA ASSOCIATES,
INCORPORATED
2011**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
James A. Davison, AIA; Vice President
Charles B. Luttrell, PE; Principal
Steven V. Buchanan, PE, PS; Principal
Matthew S. Breakey, AIA; Principal
Charles B. Branch, PE; Principal**Number of Employees:** 33 Employees

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



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Firm Profile

ALPHA ASSOCIATES,
INCORPORATED
2011



K-12 School Design Experience

Alpha Associates, Incorporated has designed over \$100 Million in K-12 school projects. These projects range in size from small renovations to new construction.

New Construction Projects

- Aurora Elementary School:** 27,000 SF, 270 student capacity, \$2 Mil
- Lewis County High School:** 161,000 SF, 1100 student capacity, \$12 Mil
- Washington High School:** 210,000 SF, 1500 student capacity, \$35 Mil
- Westside High School:** 126,000 SF, 760 student capacity, \$12 Mil
- Wyoming County East High School:** 126,000 SF, 760 student capacity, \$11 Mil

Addition/Renovation Projects

Grant County Schools

- Union Educational Complex: Science Labs and Roof Replacement
- Maysville Elementary School: Roof Replacement
- Regional Educational Complex: Feasibility Study
- Petersburg High School: Science Labs

Hampshire County Schools

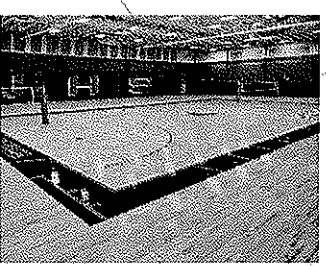
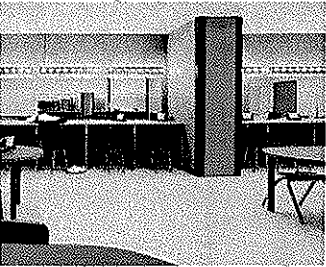
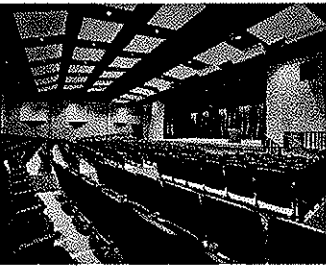
- Capon Bridge Elementary School: Addition
- Slanesville Elementary School: Addition

McDowell County Schools

- Kimball Elementary School: Flood Repair

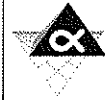
Monongalia County Schools

- Mountainview Elementary: Renovation
- Mountaineer Middle School: Renovation
- Cheat Lake Elementary School: Renovation
- Ridgedale 2009: Addition
- Morgantown High School: Addition
- Ridgedale Elementary School: Addition



Firm Profile

ALPHA ASSOCIATES,
INCORPORATED
2011



Jakes Run Early Head Start Center: Renovation
South Junior High School: Roof Replacement
Cheat Lake Elementary: Roof Replacement
Tech Ed Center: Roof Replacement
Monongalia County: Sewage Treatment Plants
Safe Schools: Renovations

Pocahontas County schools

Pocahontas High School: Renovation and Addition

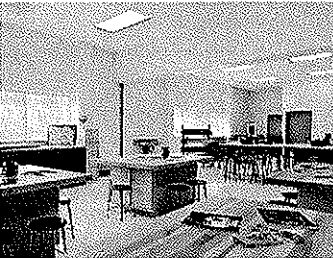


Preston County Schools

Aurora Elementary School: Addition

Taylor County Schools

Grafton High School: Renovation and Addition
Anna Jarvis Elementary School: Addition



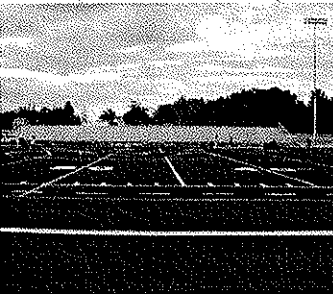
Upshur County schools

Buckhannon Upshur High School: Renovation
Buckhannon Upshur Middle School: Renovation
Rock Cave Elementary: Sewage Treatment Plant



Wyoming County Schools

Pineville/Riverside Elementary: Flood Repair
Oceana Middle School: Renovation
Huff Consolidated Elementary: Renovation
Planning for New Pineville Elementary School



Firm Profile

ALPHA ASSOCIATES,
INCORPORATED
2011



Higher Education Design Experience

New Construction Projects

West Virginia University

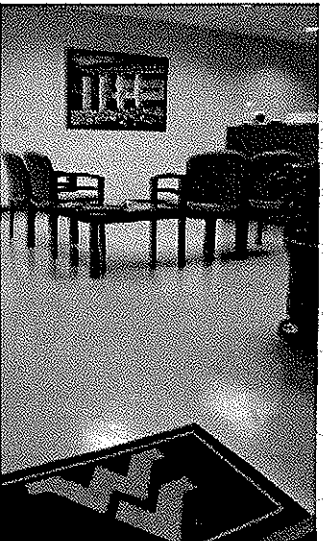
- Agricultural Sciences Building South
- Engineering Research Building
- National Research Center for Coal and Energy
- Student Leader Housing
- Evansdale Roadway and Parking Lot
- Hawley Baseball Field
- WVU Intramural Fields
- WVU Research Park – Site/Civil Design
- WVU Jackson's Mill Swimming Pool Replacement



Addition/Renovation Projects

West Virginia University

- Boreman Hall Bistro Renovation
- Chestnut Ridge Research Building 5th & 7th Floor Renovation
- Coliseum
 - Scaffolding Design
 - Floor Replacement
 - Scoreboard Replacement
- Creative Arts Center Theater Equipment and Rigging
- Engineering Sciences Building East Bay Laboratory
- Engineering Sciences Building East Wing Addition
- Engineering Sciences Building 10th Floor Renovation
- Engineering Sciences Building Façade Repair
- Engineering Sciences Building Galli Laboratory
- Engineering Sciences Building Nano Technology Laboratory
- Engineering Sciences Building Basement Renovation
- Hatfield's Restaurant – Mountainlair Renovation
- WVU's Potomac State College ADA Connecting Link
- WVU's Potomac State College Library Façade Replacement
- Robert C. Byrd Health Sciences Center
 - Over 500 Projects Since 1969
- Stalnaker Hall Renovation
- White Hall Renovation



Firm Profile

ALPHA ASSOCIATES,
INCORPORATED
2011



Fairmont State College

Elevator Upgrade/Replacement (5 Buildings)
Hunt Haught Hall Hazardous Waste Building
Prichard Hall Façade Renovation/Handicap Access
Thelma Shaw House Renovation/Addition

Miscellaneous Services



West Virginia University

Athletic Department Indoor Training Facility Preliminary Design
Student Recreation Center Construction Administration
Wise Library Structural Evaluation
WVU Master Plan
WVU Service Center Construction Administration
WVU Dick Dlesk Soccer Stadium Rendering
WVU Wrestling Facility Preliminary Study



ARCHITECTS • ENGINEERS • SURVEYORS

Education Case Studies

Project Description

Comprehensive Educational Facilities Plan (CEFP)

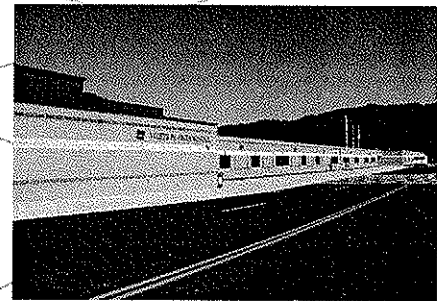
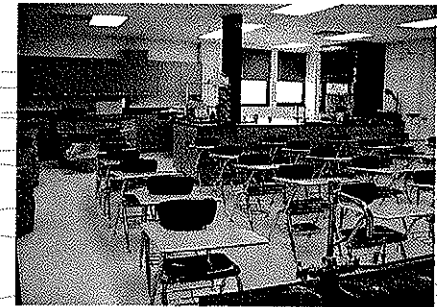
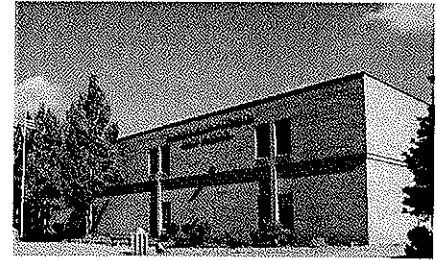
Alpha Associates, Incorporated has provided architectural and engineering services to prepare a ten year CEFP for the following Boards of Education:

- Taylor County Schools
- Grant County Schools
- Monongalia County Schools
- Wyoming County Schools

Each CEFP includes the following:

- A. Goals and objectives
- B. Community Analysis
- C. Population and enrollment study
- D. Education Plan
- E. Evaluation and inventory of existing facilities**
- F. Major improvement plan for existing facilities**
- G. Inter-county facility feasibility study
- H. Translating educational needs into facility needs
- I. Financing Plan
- J. Synopsis of comments from the public hearings
- K. Evaluation and objective of implementation

Alpha provides a complete building evaluation and analysis of each school in the county, and then makes recommendations for renovations or upgrades that need to be made. Alpha works with the Boards of Education to gain community support by establishing building committees and holding public meetings. Once a decision to renovate or upgrade is made, Alpha provides complete design services and construction administration services.



Higher Education Case Studies

Project Description

Salem International University – Buildings Evaluation Salem, WV

Alpha Associates, Incorporated was hired by the Palmer Group, of Philadelphia, PA to do evaluations of selected buildings on the campus of Salem International University, located in Salem, WV.

The first phase of the project involved the evaluation of the T. Edwards Davis sports venue, the Hoffheimer Hall women's dormitory and the Montgomery Hall men's dormitory.

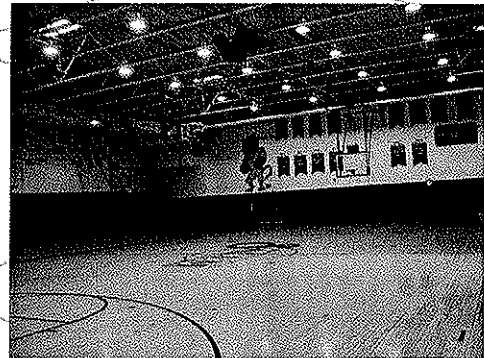
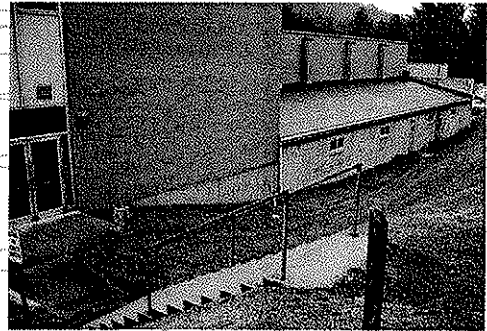
The second phase of the project involved the evaluation of the Randolph Campus Center administration building, the Benedum Library building, the Carlson Hall of Science and Randolph Hall, and another dormitory.

The third phase of the project involved the evaluation of three currently vacant dormitories: Birch Hall, Maple Hall and Oak Hall.

Alpha's services included observations of all structural elements, mechanical and electrical systems and components, and evaluations of ADA accessibility standards. Alpha then provided a report with conclusions and recommendations regarding the general structural condition, mechanical and electrical conditions, and cost estimates for repair.

At A Glance..

- 1 Client:
The Palmer Group
- 2 Location:
Salem, WV
- 3 Completion Date:
2005
- 4 Size:
Multiple Buildings
- 5 Construction Cost:
N/A



Higher Education Case Studies

Project Description

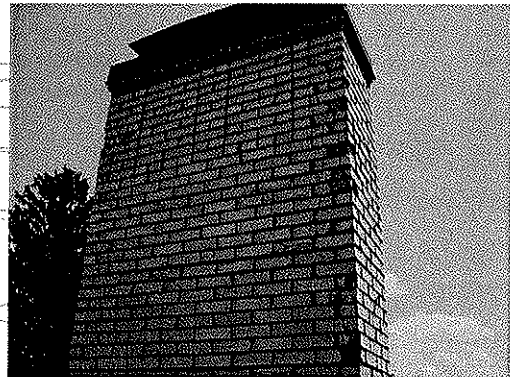
Alderson Broaddus College – Building Evaluations Philippi, WV

Throughout the past few years Alpha Associates, Inc. has provided multiple structural evaluations for buildings on the Alderson Broaddus Campus. These buildings include: Heiner Dining Hall, Kemper-Redd Science Center, Withers-Brandon Hall, Burbick Hall, and Rex Pyles Arena.

Alpha provided limited structural evaluations for the above buildings. The evaluations consisted of the problematic areas as indicated by the owner. Once the evaluations were complete the Owner was given a report detailing our observations, our conclusions and our recommendations for repairs for each of the buildings listed above. Estimates of probably construction costs were included.

At A Glance...

- 1 Client:
Alderson Broaddus
College
- 2 Location:
Philippi, WV
- 3 Completion Date:
2007-2010
- 4 Size:
Multiple Buildings
- 5 Construction Cost:
N/A



Transportation Case Studies

Project Description

Department of Highways District One Headquarters Feasibility Study Charleston, WV

Alpha Associates, Incorporated completed a feasibility study for the Division of Highways at their District 1 Headquarters. The study investigated four potential options for rehabilitating the 4.48 acre location along Smith Street.

Option 1 - Proposed the renovation of the existing office building, the removal of various satellite or accessory structures and the equipment shed. The Red Brick Building and Shawnee/Ruffner Building would remain in place in their existing condition. This option also proposed parking and a new Equipment Building.

Option 2 - This option proposes the removal of the existing office building, the removal of various satellite or accessory structures and the equipment shed. The Red Brick Building is to be renovated and Shawnee/Ruffner Building is to remain the same. Included is more parking and new equipment building.

Option 3 - This option is the demolition plan that removes all existing buildings except for the Shawnee/Ruffner Building which will be renovated. Addition parking and a new equipment building was included in this plan. This scheme approaches near complete maximum use of the site.

Option 4 - Proposed was the demolition and removal of all the existing buildings except for the Red Brick Building which would be renovated. This option also proposed parking and a new Equipment Building.

At A Glance...

1

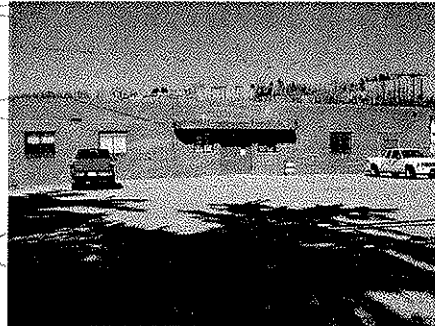
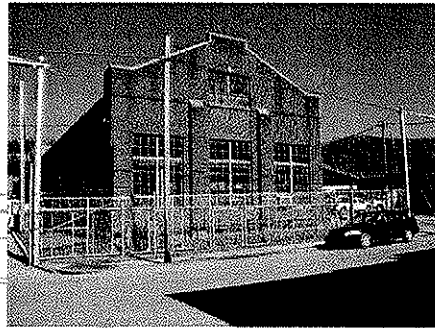
Client:
West Virginia Division
of Highways

2

Location:
Charleston, WV

3

Completion Date:
2006



Higher Education Case Studies

Project Description

West Virginia University – Master Plan Morgantown, WV

Alpha Associates, Incorporated was a consultant to the firm of Sizemore-Floyd to produce a master plan completed for West Virginia University. Our work included Civil, Structural and Architectural Evaluations of *all buildings* on campus, evaluations of the infrastructure for the campus and general guidance to the consultant regarding local issues. As a team member we attended the majority of the meetings held regarding the project and provided input throughout. Our work also included providing cost estimates for all work with which we were associated.

At A Glance...

- 1 Client:
West Virginia University
- 2 Location:
Morgantown, WV
- 3 Completion Date:
1996
- 4 Size:
N/A
- 5 Construction Cost:
N/A
- 6 Project Relevance:
 - Higher Education Facility
 - Architectural Evaluation
 - Civil Evaluation
 - Structural Evaluation



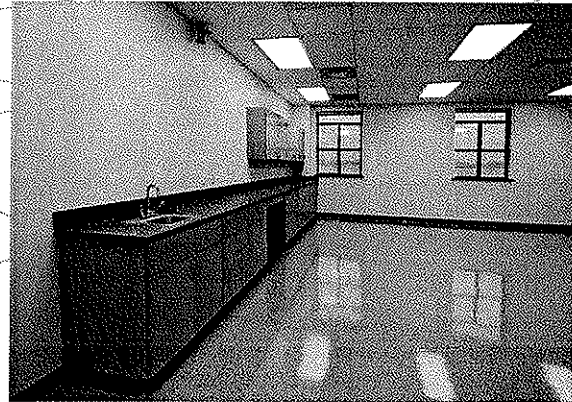
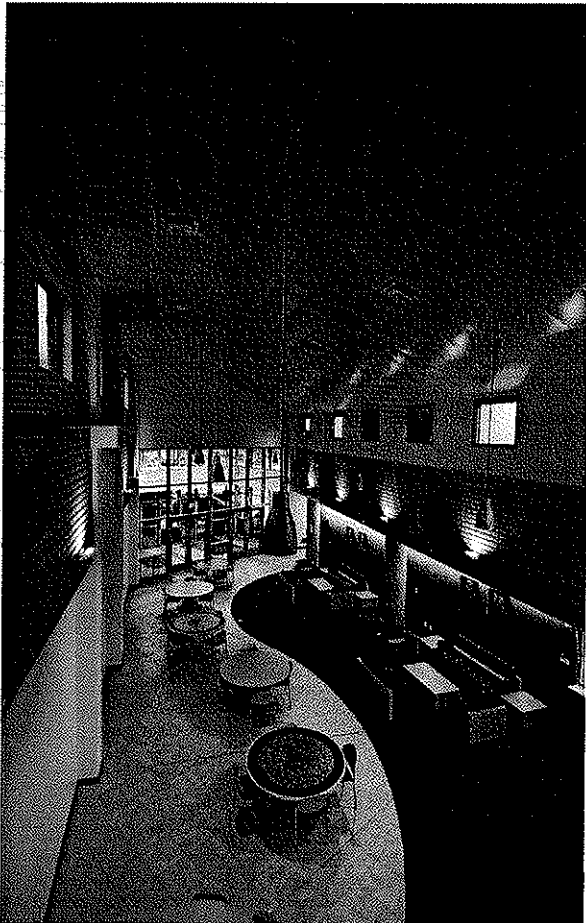
Higher Education Case Studies

Project Description

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

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

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



At A Glance...

1

Client:
West Virginia
University

2

Location:
Morgantown, WV

3

Completion Date:
2008

4

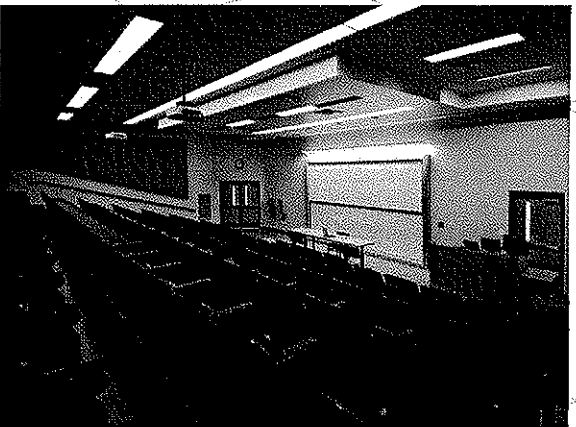
Size:
32,600 sq. ft.
Addition
6,500 sq. ft.
Renovation

5

Construction Cost:
\$11 Million

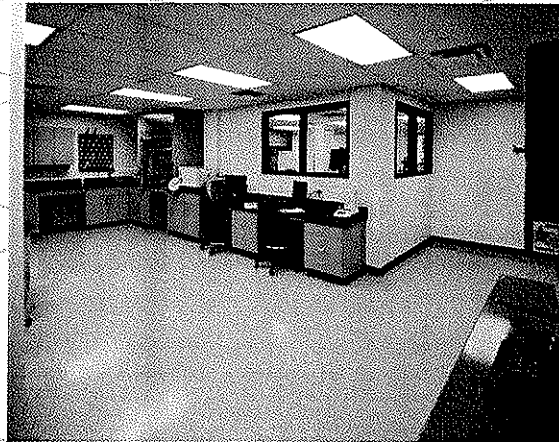


West Virginia University - East Wing Addition/Renovation
Morgantown, WV



At A Glance...

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



Higher Education Case Studies

Project Description

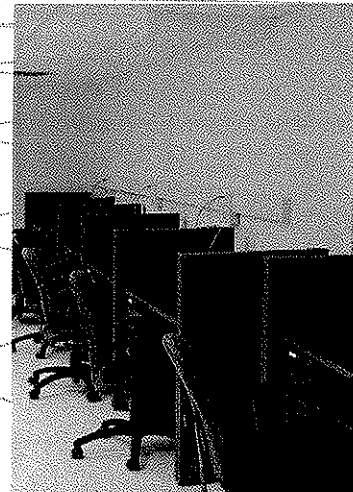
West Virginia University—Engineering Sciences Building 10th Floor Renovation Morgantown, WV

The first phase of this project was a feasibility study that evaluated building and fire code issues related to the conversion of unfinished storage space into graduate student office and computer laboratory space.

The Feasibility Study concluded that the gross area of renovation was 5,455 square feet in area and 3,780 square feet of usable program space that could be obtained.

At A Glance...

- 1 Client:
West Virginia University
- 2 Location:
Morgantown, WV
- 3 Completion Date:
2005
- 4 Size:
5,455 SF
- 5 Construction Cost:
\$585,000



Education Case Studies

Project Description

Monongalia County Schools School Access Safety Morgantown, WV

Alpha Associates was contracted to design renovations to seven primary and middle schools within Monongalia County. The schools identified were Brookhaven Elementary, Cheat Lake Elementary, Mason-Dixon Elementary, Mountainview Elementary, North Elementary, South Middle, and Westwood Middle. Partial funding was provided by the School Building Authority.

The primary task was to reconfigure the entrances to the buildings such that, during school hours, the public is required to enter the main office and sign-in before entering the rest of the building. This is accomplished by the use of electronic strikes for door hardware and intercom interfaces monitored at the main office desk. The concept provides additional protection against possible school violence and child abductions. By having a defined check-out-point, office staff can more effectively track students that have been released during the school day.

At A Glance..

- 1 Client:
Mon County Board of Education
- 2 Location:
Morgantown, WV
- 3 Completion Date:
2009
- 4 Size: Multiple Projects
- 5 Construction Cost:
Multiple Projects



Historic Case Studies

Project Description

Cass Scenic Railroad – Clubhouse Renovation Cass, WV

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

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

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



Engineering Case Studies

Project Description

Women's Club of Fairmont Fairmont, WV

This two-story residence was built on a bluff overlooking the Monongahela River in the early 1900s. On the National Register of Historic Buildings, the Women's Club of Fairmont has owned the building since the 1930s. Alpha Associates, Incorporated performed a complete building evaluation and provided engineering services for the stucco home including roof and downspouts, fireplace and chimney, windows,

At A Glance..

- 1 Client:
Women's Club of
Fairmont
- 2 Location:
Fairmont, WV
- 3 Completion Date:
2002
- 4 Size:
Approx. 6000 SF
- 5 Construction Cost:
\$120,727.59



Architectural Case Studies

Project Description

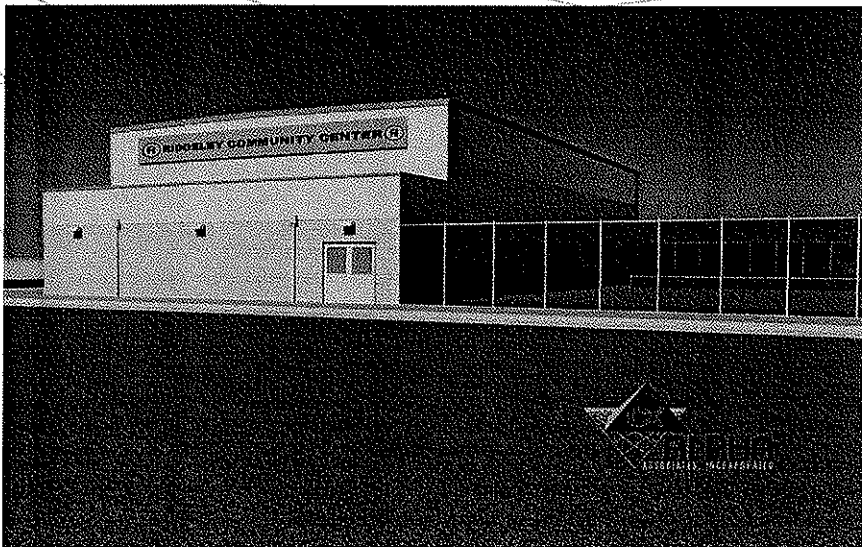
Town of Ridgeley Community Center Ridgeley, West Virginia

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

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

At A Glance...

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



Education Case Studies

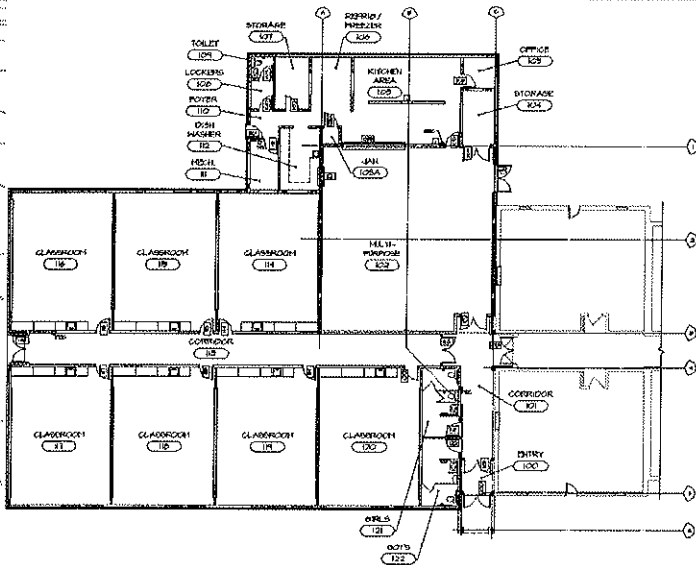
Project Description

**Slanesville Elementary School Addition
Hampshire County, WV**

Alpha Associates, Incorporated designed the addition for this elementary school. In cooperation with the Hampshire County Board of Education we designed a functional addition that included seven new classrooms and a multi purpose room with full kitchen/food preparation facilities. The construction phase of this project was completed in September 2001.

At A Glance...

- 1 Client:
Hampshire County Board of Education
- 2 Location:
Hampshire County, WV
- 3 Completion Date:
2001
- 4 Size:
9,914 SF
- 5 Construction Cost:
\$1,230,000



Education Case Studies

Project Description

Washington High School Charles Town, WV

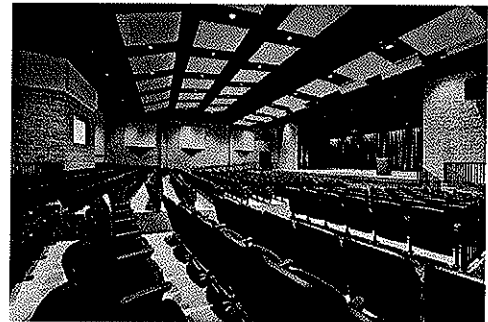
Washington High School houses grades 9-12 and is capable of holding 1200 students initially. The school, located in a high growth area was designed for future expansion with core facilities to accommodate an ultimate capacity of 1500 students.

The two-story structure is designed with science and technology as a key education component. Unique spaces, such as a print technology lab, high tech science classrooms and laboratories, create a high school to be a partner in the economic growth of the area.

The project also includes the design and construction of a new sports stadium, athletic fields and all support facilities.

At A Glance..

- 1 Client:
Jefferson County
Board of Education
- 2 Location:
Charles Town, WV
- 3 Completion Date:
2008
- 4 Size:
210,000 SF
- 5 Construction Cost:
\$35,000,000

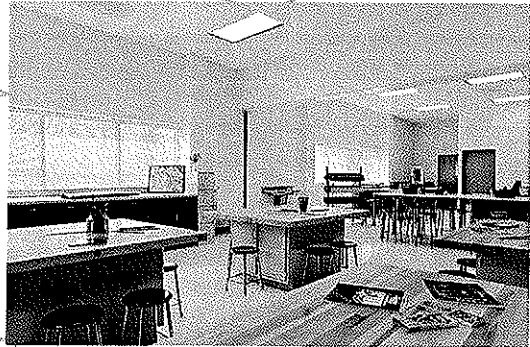
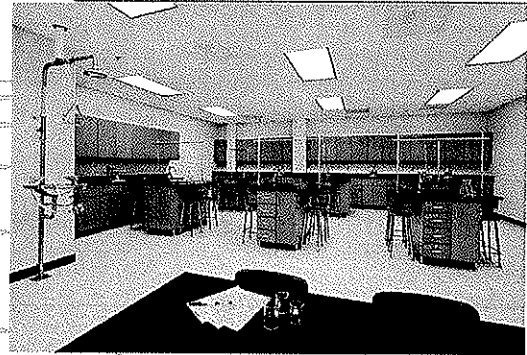
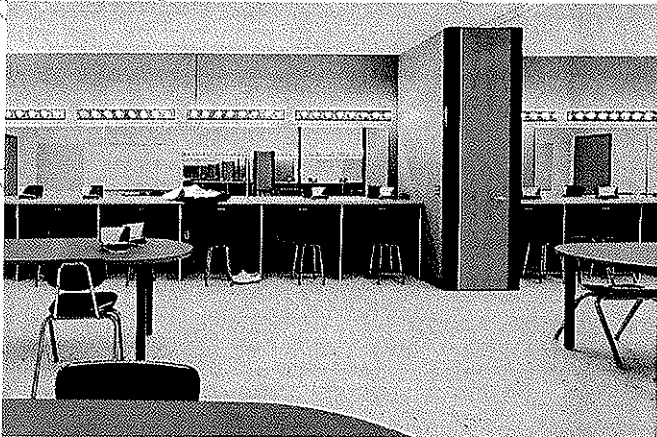
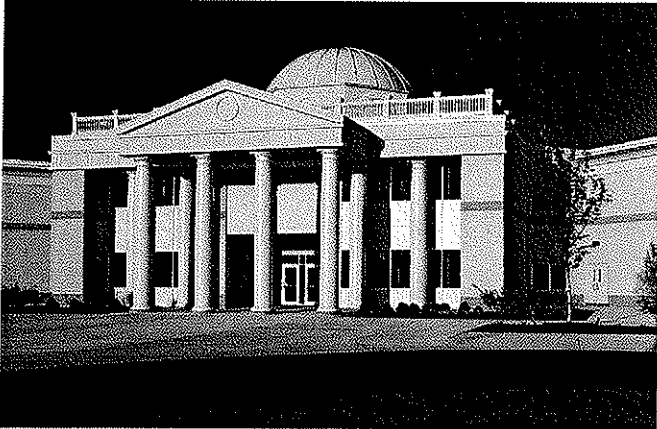


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Washington High School
Charles Town, WV



At A Glance...

Client:
Jefferson County
Board of Education

Location:
Charles Town, WV

Completion Date:
2008

Size:
210,000 SF

Construction Cost:
\$35,000,000



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

1

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



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Municipal Facilities:

- Town of White Hall Municipal Building; White Hall, WV
- Jefferson County Emergency Services Agency; Ranson, WV
- Berkeley County Emergency Ambulance Authority; Martinsburg, WV
- Monongalia County Sheriff's Office; Morgantown, WV
- Wallace Fire Department; Wallace, WV
- Wardensville Municipal Building; Wardensville, WV
- Rowlesburg Voluntary Fire Department; Rowlesburg, WV
- Norwood Fire Station; 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

1

SUMMARY

Mr. Breakey began working at Alpha in 1998, and became a principal of the firm in 2004. Mr. Breakey has gained experience through working as a Project Manager on major capital construction projects throughout West Virginia. Mr. Breakey became a LEED Accredited Professional in 2009.

PROFILE

Broad-based responsibilities in the following areas:

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

PROFESSIONAL HIGHLIGHTS

Higher Education Projects:

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

2

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



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

1

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, commercial 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
- Berkeley County Emergency Ambulance Authority; Martinsburg, WV
- Eastern Panhandle Transit Authority Renovation and Addition; Martinsburg, WV
- Eastern Management Development Center; Shepherdstown, WV
- Yellow Brick Bank; Shepherdstown, WV
- The Clarion Hotel; Shepherdstown, WV



ARCHITECTS • ENGINEERS • SURVEYORS

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





CHARLES B. LUTTRELL, PE PRINCIPAL PROFESSIONAL ENGINEER STRUCTURES cluttrell@alphaaec.com	1
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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



EMPLOYMENT HISTORY

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

EDUCATION

GRADUATE: West Virginia University
MS – Structural Engineering; 1995

UNDERGRADUATE: West Virginia University
BS – Civil Engineering; 1993

QUALIFICATIONS

LICENSE: Professional Engineer:
West Virginia, Maryland, Pennsylvania

AFFILIATIONS

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

RESEARCH EXPERIENCE

STRUCTURAL: Cold Formed Steel Deck Research

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

Composite Cold Formed Steel and Concrete Deck Research

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





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

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

Highway Design:

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



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

1

Commercial Site Plans:

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

EMPLOYMENT HISTORY

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

EDUCATION

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

QUALIFICATIONS

LICENSE: Professional Engineer
 West Virginia

AFFILIATIONS

CIVIC: Marion County Youth Soccer Association - Coach





OVERVIEW OF FIRM

At **DeJONG-RICHTER**, we believe an educational planning firm should offer its clients much more than consulting and technical services. We provide our clients with the expertise, guidance, direction, and best practices that come only from seasoned problem solvers who have been in the business for over 30 years.

We have helped more than 1,000 school districts position and empower their communities to develop superior learning environments, while saving our client substantial time and money. Key areas of our expertise include facility master planning, educational specifications, enrollment projections, and geographic information systems. We continuously strive to balance innovation and cost while providing high quality and efficient services.

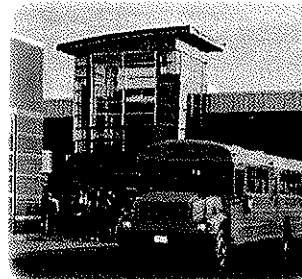
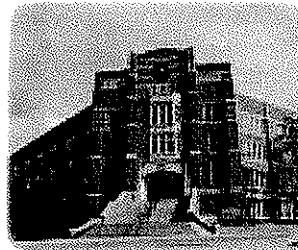
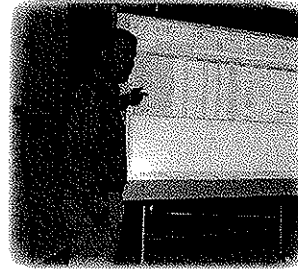
Mission Statement

The mission of **DeJONG-RICHTER** is to position and empower communities and organizations throughout the world to develop quality learning environments for the future.

QUALIFICATIONS

Qualifications of the **DeJONG-RICHTER** team include:

- 3 Recognized Educational Facility Professionals by the Council of Educational Facility Planners International
- National recognition as leaders in educational facility planning and for effective consensus-building activities
- Backgrounds in education, technology, facilitation, management, and city planning
- Professional training through Harvard University, University of Wisconsin, and numerous presentations at state, national, and international organizations
- Conducting and coordinating projects in 43 states and the District of Columbia, Africa, Canada, Kuwait, and Honduras
- Involvement in developing prototypical elementary, middle, and high school facilities
- Over 260 Educational Specifications for elementary, middle, high, and other types of schools
- Over 200 Facility Plans for urban, suburban, and rural communities
- Over 1,500 Enrollment Projections
- 1 national and 2 statewide facility assessments
- Development of planning standards for state and local districts



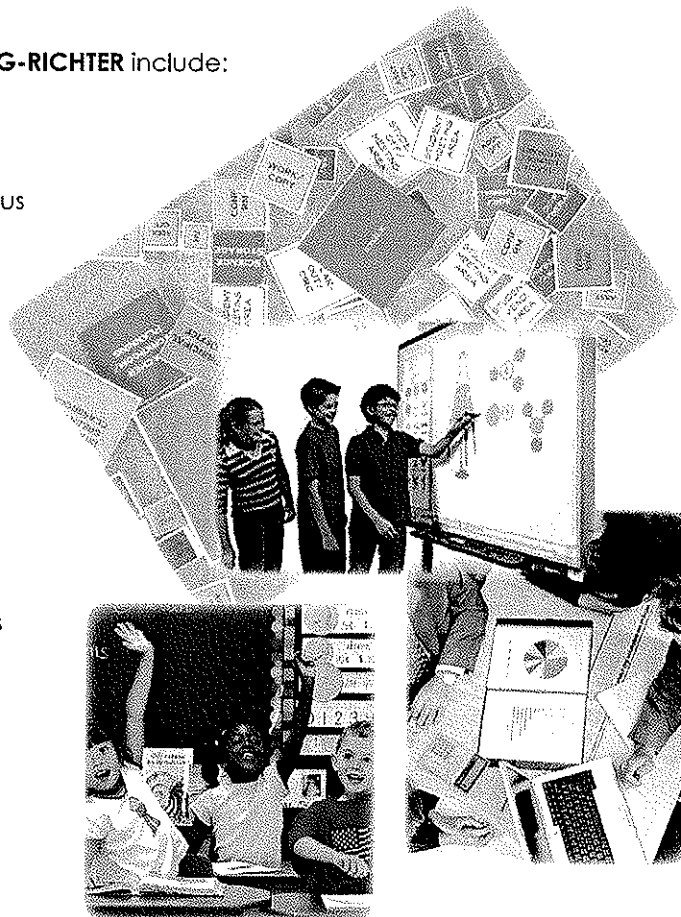
PROFESSIONAL SERVICES

DeJONG-RICHTER positions school districts, states, and nations to develop quality learning environments through a systematic process that maximizes the use of data and community participation. Our goal is to empower organizations with the tools necessary to make smart, practical decisions for students.

- Our educational facility plans are strategic in nature. Each plan specifies long-term goals that positively impact the quality of education in a school district and build a better vision and future for the community.
- We pioneered the use of Geographic Information Systems (GIS) in facility planning, and school districts nationwide are realizing the enormous benefits. GIS allows us to capture, store, update analyze and display all forms of geographic and demographic data.
- Our Team believes that school planning must be an inclusive process. It is a powerful opportunity for a school community to come together to determine how educational facilities can be an impetus for change and improvement for all parties. Development of a district's facility plan requires the collaboration of educators, administrators, policy makers, community members and facility experts.

The professional services offered by **DeJONG-RICHTER** include:

- Capacity Studies
- Community Engagement and Consensus
- Comprehensive Master Planning
- Design Standards and Guidelines
- Educational Adequacy Assessments
- Educational Specifications
- Enrollment Projections
- Geographic Information Systems
- Potential Land Development Analysis
- Redistricting and Boundary Adjustments



**Ohio School for the Deaf & Ohio State School for the Blind
Educational Specifications**

Project Location:

Columbus, OH

Owner:

Ohio School Facilities Commission
10 W. Broad St., 14th Floor
Columbus, OH 43215

Contact:

Ms. Melanie Drerup
Deputy Chief of Planning
Phone: (614) 466-6290
Email: melanie.drerup@osfc.state.oh.us

Services Provided:

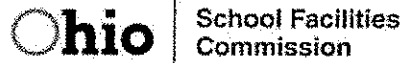
Educational Specifications

Project Size:

Square Feet (includes residential facilities): 320,548
Students: 320

Dates of Project Scope:

June 2001
June 2006



Educational Specifications are a form of communication between the educators, schools, and the design professionals describing the current and future needs of students. Architects and construction teams can use Educational Specifications as a reference to design facilities/spaces that will be flexible and adaptable to accommodate the changing needs of the students.

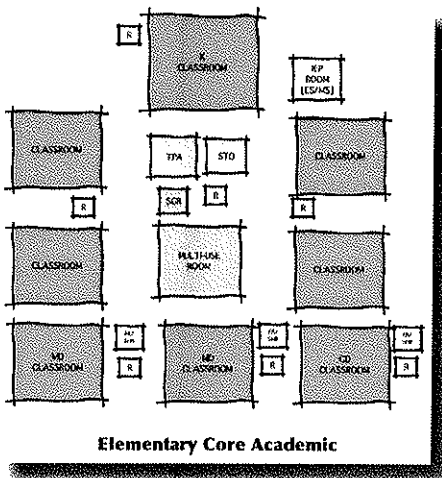
The DeJONG Team worked in conjunction with the Ohio School Facilities Commission [OSFC] and the OSFC Design Manual [OSDM], the Ohio State School for the Blind [OSSB] and the Ohio School for the Deaf [OSD] to develop Educational Specifications for the purpose of providing guidelines and criteria for the design and construction of the combined campus facilities.

The new facilities will accommodate a variety of instructional delivery methods that may be modified based on the educational needs of future students. OSSB/OSD desires that the new schools be student centered, community-oriented, and flexible enough to meet current and future changes in educational delivery methods.

A committee of teachers, staff, administrators, and school community members convened to develop Educational Specifications for the construction of the new campus facilities. The process for completing the Educational Specifications is shown below.

- Committee Formation
- Committee Working Session #1
- Lab Session #1 - Draft Report
- Committee Working Session #2
- Committee Working Session #3 - Included Architectural & Construction Managers
- Final Document

The final document represents the mission, goals, and guidelines for the new school facility. The committee considered "best practices", as well as current and future programs and services within the OSSB/OSD. The final report includes details regarding the following areas: core academic, administration, media center, visual art, music, physical education, student dining, performing arts, vocational technology, outreach, corridors/common spaces, furniture/equipment, technology, handicapped accessibility, learning environment aesthetics & flexibility, and staffing.



Elementary Core Academic



FLORIDA SCHOOL FOR THE DEAF & THE BLIND

Campus Master Planning Services

Project Location:
Saint Augustine, FL

Owner:
Florida School for the Deaf & the Blind
207 North San Marco Ave.
St. Augustine, FL 32084

Contact:
Thomas Young
Director of Construction Services
Phone: (904)-827-2360
Email: youngt@fsdb.k12.fl.us

Services Provided:
Campus Master Planning Services

Project Size:
Buildings: 47
Acres: 80

Dates of Project:
January 2008 - June 2008

Project Team:
DeJONG-RICHTER

The Florida School for the Deaf and the Blind (FSCB) is the state's public school for eligible deaf/hard-of-hearing and blind/low-vision preschool through 12th grade students. The Florida School for the Deaf and the Blind is the largest school of its type in the United States. The School has grown from three small buildings on five acres to 47 major buildings on nearly 80 acres of land.

The Florida School for the Deaf and the Blind requested a Campus Master Plan which included the following services: updated analysis of demographic and student enrollment data, Facility data base development adaptable to current systems used by FSDB, and updated Capital Improvement Plan for 2007-08 and 5-year projected.

The scope for this project included:

- **Facility Assessment/Data Base Development.** The planning team met with Capital and maintenance staff to create a data base that includes all facility data including: all major building system components, Facility Assessment studies data, CAD floor plans, and Building usage data.
- **Demographic and Capacity Study.** The planning team reviewed and validated student demographic information and building capacity data. The team utilized previous reports and State of Florida Inventory of School Houses to validate each of these areas.
- **Committee Meetings.** The planning team met with the following departments/staff to determine level of needs and prioritizations of each department critical to long-range facility planning for the School. Departments included: Operations/Maintenance, Office of the Chancellor, Office of the Treasurer, Curriculum and Instruction, and Residency Director. The results of these meeting was the establishment of Educational and Capital Framework that will allow the planning team to create a process that will lead to the development of Options for future facility planning, eventually leading to Recommendations for future facilities on the campus.
- **Options Development.** The planning team met with staff to determine facility options based on data and input collected during this process. The options were then prioritized into preferred order to begin development of recommendations for the Capital Improvement Plan.

Classroom						
	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
Capacity:						
Special Needs	208	208	208	208	208	208
Total FSDB Capacity	208	208	208	208	208	208
Realized Capacity*	177	177	177	177	177	177
Projected Enrollment:						
Special Needs	135	139	141	143	146	149
	135	139	141	143	146	149
Utilization %	76.36%	78.62%	79.75%	80.88%	82.58%	84.28%
Boarding						
	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
Capacity:						
Special Needs	75	75	75	75	75	75
Total FSDB Capacity	75	75	75	75	75	75
Projected Enrollment:						
Special Needs	105	109	110	111	113	116
	105	109	110	111	113	116
Utilization %	140.00%	145.33%	146.67%	148.00%	150.67%	154.67%

TEAM MEMBERS

As an organization, we respect each other and appreciate one another for our contributions. Without our talented and devoted employees **DeJONG-RICHTER** would not exist as it currently is.

DeJONG-RICHTER team members and associates include the following:

Tracy Richter	Chief Executive Officer
William DeJong, Ph.D., REFP	Senior Advisor
Carolyn Staskiewicz, REFP	President
Lee Hwang, GISP	GIS Director
Kerrienne Smith, REFP	Senior Planner
Scott Leopold	GIS Analyst
Jillian Ralls	Project Coordinator
Ashley Anatra	Project Coordinator
Mary DeVillers	Accounting Director
Angela Althoff	Marketing Coordinator



Our affiliate, **DeJONG-HEALY**, specializes in demographics and is owned and operated by Tracy Healy, REFP. A former vice president at DeJONG, Tracy has been with our organization since its inception. An excellent example of her work is the development of enrollment projects for more than 450 Ohio districts in partnership with the Ohio School Facilities Commission.

DeJONG-HEALY team members include the following:

Tracy Healy, REFP	President
Ann Hoffsis	Project Director





CAROLYN STASKIEWICZ, REFP

President

EDUCATION

The Ohio State University - B.S., Management

ACHIEVEMENTS & AFFILIATIONS

Recognized Educational Facility Planner (REFP)

Member, Council of Educational Facility Planners International (CEFPI)

Distinguished Service Award, 2009, CEFPI

President, 2009 CEFPI: Ohio Chapter

RECENT PUBLICATIONS

"Data Delivery: Facility, Program Indexes Help Determine Project

Needs for Nevada District," *School Construction News*, July/August 2009

"Construction Cost Analysis Helps Wake County Schools Determine Best Practices," *Case Study*, March 2007

"The State of School Buildings," *American School Board Journal*, October 2005

"Arkansas Statewide Facility Assessment," *School Business Affairs*, June 2005

SUMMARY

For nearly 15 years, Carolyn has been involved in a multitude of educational facility planning efforts across the country. From statewide assessments to educational facility specifications and comprehensive master plans, she is adept at determining short and long-term needs of any school system.

As President of DeJONG-RICHTER, Carolyn is responsible for the firm's daily operations and marketing endeavors. Carolyn is a focused problem solver who applies best practices to balance innovation and cost for her clients. One of her main objectives is to ensure that clients have the tools necessary for developing superior learning environments.

NOTABLE EDUCATIONAL PLANNING

- **Anchorage School District, AK:** Educational Adequacy Assessment
- **Arkansas Department of Education:** Statewide Facility Assessments, Enrollment Projections
- **Berea City School District, OH:** Facility Master Plan
- **Bridgeport Public Schools, CT:** Enrollment Projections, Boundary Adjustments, Facility Master Plan Update
- **Clark County School District, NV:** Educational Adequacy Assessments, Comprehensive Facility Master Plan, Miley Achievement Center Educational Specifications
- **Fairfax County Public Schools, VA:** Capacity Study
- **Ft. Worth Independent School District, TX:** Educational Framework Facilitation
- **Jefferson County School District, CO:** Facility Master Plan
- **Massachusetts School Building Authority:** Needs Survey Report
- **Memphis City and Shelby County Schools, TN:** Enrollment Projections and Build-Out Scenario, Comprehensive Facility Master Plan
- **Monongalia County Schools, WV:** Comprehensive Educational Facility Plan
- **Ohio School Facilities Commissions, OH:** Enrollment Projections, Master Planning Services
- **Seattle Public Schools, WA:** Housing Analysis, Enrollment Projections [including enrollment projection training]
- **Wake County Public School System, NC:** Enrollment Projections, Construction Cost Analysis



TRACY RICHTER

Chief Executive Officer

EDUCATION

Purdue University - B.A., History

ACHIEVEMENTS & AFFILIATIONS

Member, Council of Educational Facility Planners International (CEFPI)

Member, Florida Educational Facility Planners Association

SUMMARY

With nearly two decades of teaching and educational experience, Tracy has coordinated and directed facility planning and educational specifications efforts for school districts of all sizes throughout the United States. He knows firsthand that the educational planning process must be driven by a motivated team of knowledgeable problem solvers who demonstrate expertise, guidance and direction that come from working many years in the industry.

Tracy and the DeJONG-RICHTER team have helped more than 1,000 school districts develop outstanding learning environments through a systematic process that combines key data analysis with community participation and feedback. The resulting facility plans are not only strategic, but also include long-term goals to build a strong vision and future for the communities involved.

NOTABLE EDUCATIONAL PLANNING EXPERIENCES

- **Beverly Hills Unified School District, CA:** Strategic Planning, Educational Specifications, Long-Range Facility Master Plan
- **Broward County Public Schools, FL:** Facility Master Plan
- **Campbell County Schools, VA:** Long-Range Facility Master Plan
- **Cincinnati Public School District, OH:** Educational Specifications Middle and Price Hill K-8 Facility, Roberts Paideia K-8 Facility
- **Cincinnati Public Schools, OH:** Facility Master Plan and Educational Specifications
- **District of Columbia Public Schools:** Facility Master Plan, Educational Specifications & Surplus Properties and Facilities Report
- **Duval County Public Schools, FL:** Facility Master Plan, Educational Specifications, Exceptional Student Education Master Plan, Administrative Organization and Spatial Analysis
- **Duval County Public Schools, FL:** District-wide K-5, K-8, 9-12, North Shore K-8, AAA High School, Darnell Cookman 6-12 Magnet School
- **Kokomo Center Township Consolidated Schools, IN:** High School and Career Technical Utilization Analysis
- **Lapeer Community Schools, MI:** Boundary Study and Community Engagement
- **Leavenworth Unified School District #453, KS:** Facility Master Plan
- **Montgomery Public Schools, AL:** Long-Range Facilities Planning
- **Palm Beach County Public Schools, FL:** Ancillary Space Master Planning
- **Philadelphia School District, PA:** Long-Range Facility Master Plan
- **Virginia Beach City Public Schools, VA:** District-wide High School Educational Specifications, Kellam H.S. Site Specific Educational Specifications, Facility Master Plan



KERRIANNE SMITH, REFP

Senior Planner

EDUCATION

Kent State University - B.S., Elementary Education, Gifted & Talented Education

ACHIEVEMENTS

*Recognized Educational Facility Planner (REFP)
Member, Council of Educational Facility Planners International (CEFPI)
Executrain Certified Instructor
Additional studies toward Microsoft Office Specialist
DeJONG-RICHTER Skills Training Leader
Professional License Authorized to Teach Elementary 1-8 & Gifted Education K-12*

RECENT PUBLICATIONS

"Educational Specifications: Community Involvement from Start to Finish," School Planning & Management, February 2011

SUMMARY

Kerrienne has the opportunity to contribute to the DeJONG-RICHTER team by applying her education background and software knowledge to facility planning projects. Most recently, Kerrienne was part of the team that reviewed the State of New Mexico Public School Facilities Authority's Educational Specifications Standards. Currently, she is drafting educational specifications and facility master plans for school districts throughout New Mexico and in Virginia Beach, Virginia.

A graduate of Kent State University, Kerrienne spent seven years teaching in elementary school settings and three years as a software trainer. During her time as a software trainer, she studied toward becoming a Microsoft Office Specialist. In addition to her project work, she lends her software expertise to DeJONG-RICHTER by providing computer skills training sessions for staff development.

NOTABLE EDUCATIONAL PLANNING EXPERIENCES

- **Berea City School District, OH:** Long-Range Facility Master Plan
- **Central Consolidated School District #22, NM:** Facility Master Plan
- **Grand Rapids Public Schools, MI:** High School Educational Specifications, Building Improvement Plan Phases I & II
- **Hamilton Southeastern Schools, IN:** High School Facility Planning Study
- **Los Lunas, NM:** High School Education Specifications
- **Ottawa Area Intermediate School District, MI:** Career & Technical Education Master Vision & 5-Year Plan
- **Providence Public School District, RI:** School Facility Master Plan, District-Wide Educational Specifications
- **Raton Public Schools, NM:** Elementary School Educational Specifications
- **State of New Mexico:** Public School Facilities Authority Educational Specifications Standards Review
- **Sycamore Community Schools, IL:** Middle School Education Specification
- **Upper St. Clair School District, PA:** Middle School Educational Specification
- **Virginia Beach City Public Schools, VA:** District-Wide High School Educational Specifications, Kellam H.S. Site Specific Educational Specifications, Facility Master Plan
- **Wake County Public Schools, NC:** Enrollment Projections Training, Cost Analysis Study
- **Zeeland Public Schools, MI:** Facility Master Plan



MILLER ENGINEERING, INC.

SUMMARY

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

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

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

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

MEP TECHNICAL HIGHLIGHTS:

Total Project Budget:
\$6.5M (estimated cost of recommendations)

MEP Budget:
\$2.1M (estimated cost of recommendations)

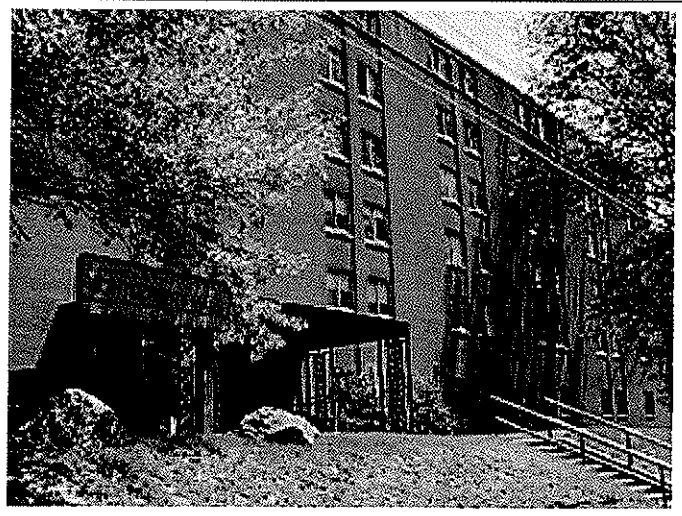
Facility Area Evaluated:
138,000ft²

Services Provided:
Evaluation of Mechanical, Electrical, Plumbing, Elevators, Fire Protection

Project Status:
Design Documents 100% Complete

Project Completion Date:
Phase I: May 2005
Phase II: to be determined

The Project includes a highly detailed evaluation of the condition, maintenance status, and the remaining life cycle of MEP systems serving the University. In two of the dormitory buildings, a serious electrical over-current condition was discovered dating back to an apparent original design/drafting error in 1970.



PROJECT DESCRIPTION:

The Phase I evaluation was a detailed look at the overall condition of 3 building's systems, code or standard violations, energy efficiency, and recommendations to repair or replace the systems. An estimate of the cost to repair or replace each system was prepared. The scope included review of all mechanical, electrical, plumbing, HVAC control, elevators, and life safety systems in two dormitories and the athletic facility on the Campus. MEI performed intensive reviews of the existing systems, discussions with maintenance personnel and administrators, reviews of utility bills, and a room by room review of each facility. The resulting report detailed recommendations in three areas: immediate correction code & life safety concerns), short term (2-3 years, impending equipment failure, energy savings) and long term (3 + years, long term concerns). Phase II will complete the evaluation of the rest of the campus.

REFERENCE:

Deb Yoder, Dir. Facilities
Salem International University
Salem, WV 26426
304-782-5341

PROJECT: ROGERS HALL MAKE-UP AIR UNIT

OWNER: *West Liberty College, West Liberty, WV*



MEP TECHNICAL HIGHLIGHTS:

Total Project Budget:
\$400K

MEP Budget:
\$400K

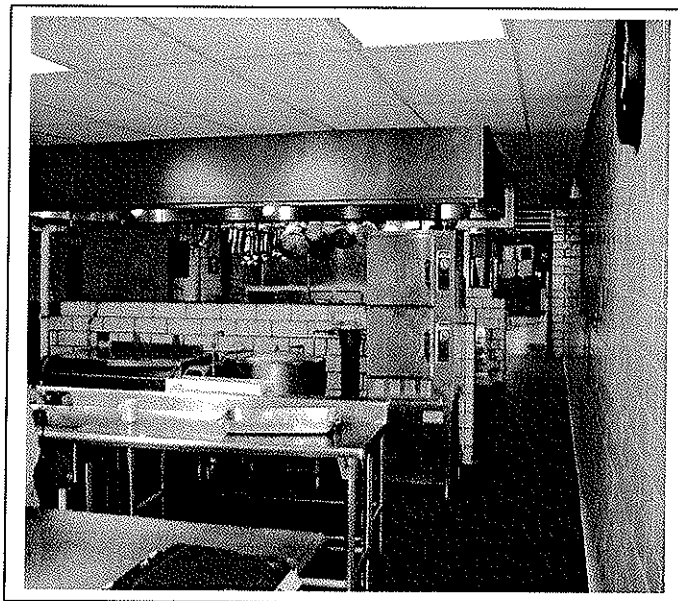
Facility Area:
N/A

Services Provided:
*Mechanical,
Electrical*

Project Status:
Bidding

**Project Completion
Date:**
May 2009

The makeup air hoods for the kitchen exhaust hoods had failed and the lack of ventilation air was presenting a safety concern for the facility. The exhaust fans were drawing combustion products from the hot water heaters into the facility, presenting a potential hazard for both the staff and dormitory residents. The addition of new, higher capacity makeup air units was made more difficult as the facility has structural limitations. Working with the Owner's maintenance personnel, MEI was able to develop a solution using a freestanding structure, which does not interfere with facility egress or maintenance and grounds operations. The coordinated control of the two units under varying load conditions presented a technical hurdle that was accomplished through the use of flow measurement and tracking.



PROJECT DESCRIPTION:

The existing dormitory building was built in the 1960's and added to in the 1980's. During the addition, the kitchen was expanded and another exhaust hood was added. No additional makeup air was installed at the time of the addition and the facility has experienced nuisance air balance problems. MEI is preparing to add a standby generator to the scope of this project at the requests of the Owner.

REFERENCE:

Gary Weisner
West Liberty State College
304-336-8362

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



MEP TECHNICAL HIGHLIGHTS:

Total Project Budget:
\$410K

MEP Budget:
\$105K

Facility Area:
5,700 ft²

Services Provided:
*Mechanical, Electrical,
Plumbing, Fire
Protection*

Project Status:
Complete

**Project Completion
Date:**
March 2005

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



Photo Courtesy of ALPHA Associates

PROJECT DESCRIPTION:

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

REFERENCE:

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



B. CRAIG MILLER, PE
PRESIDENT
ENGINEER IN RESPONSIBLE CHARGE

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

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

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

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



accreditation review of hospital systems operation and maintenance.

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

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



Robert L Angus
Project Construction Representative
Miller Engineering, Inc.

EDUCATION

West Virginia University 1991-1996
Recreation & Parks Administration

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

CERTIFICATIONS

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

QUALIFICATIONS

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

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

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

Client ReferencesALPHA ASSOCIATES,
INCORPORATED
Firm Profile

1

Client References**Recently Constructed Projects****Frank Blackwell, Superintendent
Wyoming County Schools**

PO Box 69
Pineville, WV 24874
304-732-6266
fblackwe@access.k12.wv.us

**Dr. Frank Devono, Superintendent
Monongalia County Schools**

13 South High Street
Morgantown, WV 26501
304-291-9210
fdevono@access.k12.wv.us

**Dr. J. Patrick Law, Superintendent
Wood County Schools**

1210 Thirteenth Street
Parkersburg, WV 26101
304-420-9663
jpilaw@access.k12.wv.us

**Harlan Shreve, Chief Business Officer
Potomac State University**

101 Fort Avenue
Keyser, WV 26726
304-788-6800
hshreve@mail.wvu.edu

**John Sommers, Senior Construction
Projects Manager
West Virginia University**

PO Box 6572
Morgantown, WV 26505
304-293-2856
jsommers@mail.wvu.edu



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