

**West Virginia Regional Jail Authority
Various Projects
West Virginia**

**Sealed Bid
Buyer: John Abbott
RFQ#: RJCMNT001**

**Expression of Interest
Architectural and Engineering Services**

RECEIVED

2008 DEC -9 A 10: 37

**December 9, 2008
1:30 pm**

PROCUREMENT DIVISION
STATE OF WV



5 December 2008

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

RE: EOI for the West Virginia Regional Jail Authority for Various Projects

Mr. Abbott:

Paradigm Architecture Inc. is pleased to submit this Expression of Interest for Roof, HVAC, and Air Handler Units for multiple Regional Jails for the West Virginia Regional Jail Authority. We are a West Virginia based firm and have the appropriate project experience and ability to complete these projects.

Our proposal includes our Firm Profile, a brief History, References, staff Resumes, Responses to the Proposal Elements, and a sampling of Projects Paradigm Architecture has been privileged to work on. Paradigm Architecture is a full service architectural firm with experience spanning a multitude of roofing types including those mentioned in your RFQ. Architect and project manager Dave Snider has completed the Roofing Technology course with **The Roofing Industry Educational Institute** in 1995 as noted on his enclosed resume. We have just completed reroofing projects on two existing building on the campus of Fairmont State University, and we are currently working on LEED Certified projects utilizing white TPO roof systems. We have successfully completed many different types of Institutional projects including **Charleston Federal Center** and **Clarksburg Federal Center**, both of which we received Excellence in Construction Awards from the Associated Builders and Contractors. We are also currently working on projects with the **Department of Energy** and the **US Department of Agriculture**.

For these projects, we will team with **Miller Engineering**, who will provide Mechanical, Electrical, and Plumbing Engineering services. They share our commitment to service and quality and will best serve the technical requirements and demands of this project.

Paradigm Architecture is a service-oriented architectural design firm capable of taking a project from inception to completion through the phases of schematic design, design development, bidding/negotiation, construction and contract documents, construction administration, and closeout procedures. We are able to meet a client's needs and expectations while upholding the budget and project deadlines. It is our goal to provide a high level of personal service and design solutions that reflect the unique image and purpose of our clients. We welcome the opportunity to work with you on this project.

Best regards,


Paul Walker, AIA
President, Paradigm Architecture

2450 Valleydale Road • Suite 150
Birmingham, AL 35244
Tele 205•403•2742 205•403•2743 Fax

2223 Cheat Road • Suite 300
Morgantown, WV 26508
Tele 304•284•5015 304•284•5014 Fax



Firm Profile

Paradigm by definition means an example that serves as pattern or model. The goal of Paradigm Architecture is to be an example in client service, design quality, and technical proficiency. We practice architecture. For every project, Paradigm works closely with the unique requirements of the particular client to design a structure that reflects both the appropriate image and proper function to optimize the working or living environment.

EXPERIENCE

Paradigm Architecture has experience in a broad range of project types. This work includes private individual, corporate, governmental, educational, and institutional clients.

Residential:

Paradigm's residential experience spans a variety of client types. Student Housing/dormitory facilities for higher education, hotel projects, elderly housing, and private residential that includes single family homes, townhouses, and high end condominium units.

Corporate:

Paradigm has designed entire office buildings as well as tenant fit-up spaces for clients such as Jackson Kelly PLLC, A.G. Edwards, Acordia, Petroplus & Associates Inc., National Biometric Security Project, Simpson & Osborne, DMJM Harris, and the West Virginia University Foundation. Projects also include banking regional and branch offices.

Governmental:

Members of Paradigm have been involved in projects for the Federal Government in Charleston and Clarksburg, West Virginia. These commissions were awarded through design competitions and involved office space for Social Security, the Federal Bureau of Investigation, the Drug Enforcement Agency, the Small Business Administration, and hearing rooms for SSA Hearings and Appeals. More recently Paradigm has been involved in several projects for the GSA in the Morgantown area.

Educational:

Higher Educational experience includes administrative office space, parking facilities, student housing, libraries, student centers, athletic facilities, and classroom and research laboratory facilities. We have worked on campuses that include: West Virginia University, Fairmont State University, Davis and Elkins College, The College of West Virginia, Hampden Sydney College, Wake Forest University, Ayers State Technical College, The University of North Carolina at Greensboro, and The University of Alabama at Birmingham. Paradigm's staff has also been involved in educational facilities at the elementary and middle school level including new and renovated buildings.

Religious:

Paradigm has had the distinct privilege of working on a variety of churches and other projects categorized as religious. Among them are: Chestnut Ridge Church, Goshen Baptist Church, Daniels Missionary Baptist Church, The Greek Orthodox Church, A Flame for Christ Ministries, Southridge Church, Family Life Assembly, Faith United Methodist Church, and Chestnut Mountain Ranch in West Virginia and Mountaintop Community Church, Cahaba Ridge, A Church with a Vision, and City of Hope Ministries in Alabama.

Institutional:

Medical and retirement life care projects dominate our staff's institutional portfolio. Medical projects include outpatient surgery centers, patient care rooms, emergency medicine, surgery suites, labor & delivery suites, Magnetic Resonance Imaging, X-ray diagnostic services, and heart catheterization spaces for hospital clients, radiation and chemotherapy treatment areas in cancer centers, and professional medical office space for private physicians. Retirement life care facilities range from independent elderly housing and assisted living facilities to full nursing care centers.

Paradigm - (pär'e-dim') n. An example that serves as pattern or model.



Firm History

Paradigm Architecture was formed in October of 2000 by a group of likeminded individuals who believe that architecture provides the opportunity to practice the career that we love. We as individuals and as team members of a firm have a responsibility to exhibit that passion in the manner in which we live our lives.

We chose the name Paradigm because it means a model that serves as an example.

This represents our highest ideals...
that our architecture would serve as an example
that our client service would serve as an example
that our service to our God would serve as an example

Originally established in Birmingham, Alabama, Paradigm Architecture expanded in 2002 by opening an office in Morgantown, West Virginia. Our staff of nine includes four registered architects, one intern architect, an interior designer, two CAD designers, and an administrative assistant. We utilize the most current technical hardware and software including AutoCAD, Architectural Desktop, Revit, 3D site and building rendering programs, and Speclink specifications software.

It is our belief that we should assemble consultants that are uniquely skilled to satisfy the particular requirements of a project. We have close professional relationships with many engineers and specialized consultants and choose those that we feel will best serve the technical specialization, location of the work and sometimes even personality of the client. We choose not to work with firms who do not share our commitment to service and quality.

We are proud to have been involved in numerous projects, which have been honored with Excellence in Construction awards by the Associated Builders & Contractors, Inc.:

- 2007 – Waterfront Marina, Morgantown, West Virginia
- 2007 – Chestnut Ridge Church, Morgantown, West Virginia
- 2004 – Madden Student Center at Davis & Elkins College, West Virginia
- 2004 – Two Waterfront Place Hotel & Conference Center, Morgantown, West Virginia
- 2003 – The Jackson Kelly Building, Morgantown, West Virginia
- 2002 – One Waterfront Place, Morgantown, West Virginia
- 2001 – The Russell Cancer Center, Alexander City, Alabama
- 2000 – The Charleston Federal Center, Charleston, West Virginia
- 1999 – The Clarksburg Federal Center, Clarksburg, West Virginia

Paradigm Architecture has established a solid base of clientele in both Alabama and West Virginia. We continue to develop business relationships, which promote additional growth and further expand our project repertoire. We look forward to every opportunity to demonstrate our commitment to serving as an example in architecture.



Quality Control and Management

Due to our experience on Institutional, Federal, Higher Education, and School projects and our strong local presence in West Virginia, we are uniquely qualified to successfully complete these projects. We have just completed reroofing projects on two existing building on the campus of Fairmont State University, and we are currently working on LEED Certified projects utilizing white TPO roof systems. We have successfully completed several projects for the federal government including Charleston Federal Center and Clarksburg Federal Center. We are currently working on projects with the Department of Energy and the US Department of Agriculture. We also have many active local projects and strong client relationships, such as West Virginia University, Davis and Elkins College, Fairmont State University, and the Waterfront Development in Morgantown, WV.

It has always been our philosophy that successful projects are the result of successful team relationships. And on any given construction project there are a lot of relationships that come into play: owners, developers, facilities managers, architects, engineers, contractors, subcontractors, financial institutions, attorneys, code agencies, tenants... We have learned a lot about how to work successfully together with all parties involved. Every project, whether large or small, is unique and requires strong leadership. Being a small business, you can be assured that local, senior staff and an experienced project manager will be assigned to all of our projects. Based on the specific requirements of the project, we always put together a team of consultants and staff who would best serve the needs of that individual project and client – while always maintaining a constant flow of communication and personal service with the owner. We have relationships with some of the best consulting companies in the region and the country to bring together the appropriate talents to meet the needs of a particular project. We currently have active relationships with consultants in AL, WV, IN, MI, OH, TX, NY, and PA.

Paradigm Architecture prides itself on streamlining our project delivery and management methods. One of the ways we do this is to utilize the latest technology, including web based project collaboration sites, electronic communication, electronic submittals for review and approval, video conferencing and the latest software packages for 3d renderings, Computer Aided Drafting (CAD), and Building Information Modeling (BIM). Our current software packages include Autocad Architecture 2009, Revit Architecture 2009, 3d Studio, and Speclink. Far from the older methods of hand drafting, these tools help us to deliver faster and better coordinated projects, have fewer problems in the field, and provide the owner with excellent visualization tools during project development. We are always pursuing additional training and education for all our staff, including "in house" workshops, seminars, and online education for topics such as green building, BIM, project delivery and management, and codes. We also actively review our internal operations and gather feedback from clients, consultants and contractors. We will quickly make firm wide adjustments when we see areas that could be improved in order to continue providing excellent service. I think this model of excellent service is acknowledged by our continued and growing list of repeat clients.

We have successfully used a wide range of project delivery types on both public and private projects: design-bid-build, negotiated, design-build, develop-design-build, fast track, construction management agency, and construction management where the construction manager is also the contractor. We have extensive experience on fast-track construction projects, ranging from \$1 million to \$35 million. We assist the owner in developing critical path items and developing multiple early release packages while the design is still ongoing. These

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Quality Control and Management

packages typically include initial site work, foundation, superstructure, long lead equipment, shell, and interior fit out. Although there are greater risks that must be assumed by the owner with this method, the benefits from meeting tight deadlines typically outweigh these risks. Expedient decisions must be made by all involved and open lines of communication and transparency are crucial. On any given type of project delivery, we have a quality control plan that includes developing an initial schedule with the owner for the entire project, through the design, bid, and construction phases. Milestone points will be established and will include deliverables from both the design team and the owner. These milestone points will include sets of progress drawings and specifications for both the owner's and design team's review. We have an extensive "in house" coordination and review process that includes engineering coordination, specification coordination, code and life safety reviews, and the owner's program review. Before moving to each subsequent phase, the Owner will have an opportunity to review and "sign off" on each progress set so that all parties are always clear as to the direction the project is heading.

Using internal cost data, and national databases, we are able to provide the Owner rough order of magnitude and schematic cost estimating for initial project development. We often conduct feasibility studies for clients to help them with initial project evaluations. For projects under \$1 million we will provide more detailed cost estimating "in house" and have consistently been within an expected 10% range on bid day. However, unlike many architects and engineers, we feel that utilizing the services of a contractor or construction manager is extremely beneficial to the design process and helps keep the project moving in the right direction. Their services, such as cost estimating, constructability reviews, value engineering, current bid market analysis, and CPM scheduling have proven to be valuable assets to both the architect and owner. They are the experts in this area, just as we are the experts in the area of design, so why shouldn't we work together from day one to give the owner the best possible project? Therefore we often suggest that these services be used on medium and large projects. If a project's funding sources do not allow for the general contractor to fill this role until the design is complete, then we can provide this role as consulting services under our contract. At times, we recommend both the architect and owner hire these consultants so that two third party reviews can be conducted and then any major differences be reconciled prior to bidding the project. Using these unique approaches we find that it is rare for one of our projects to be over budget or behind schedule.

Today, everyone is concerned with energy conservation, life cycle analysis, and green building techniques, and Paradigm Architecture is no different. We are currently working on two projects that will be LEED Certified. In addition, we have been able to assist clients who are interested in applying green building techniques such as improving the energy efficiency of the building and reducing long term life cycle costs, even though they may not wish to pursue LEED Certification. Being a relatively new science we are currently using consultants who are experts in this field. However, our staff is actively pursuing LEED Accreditation and green building education. All of our consultants have experience with not only green building construction but also life cycle cost evaluations, value engineering, and materials/systems comparisons in order to give the Owner the best value in a project.



Proposal Elements

A. Statement of the firm's experience in any and all aspects of a project of this nature. Include all in-house capabilities; Consultants to be utilized; etc.

Paradigm Architecture is a full service architectural firm with experience spanning a multitude of roofing types including those mentioned in your RFQ. Architect and project manager Dave Snider has completed the Roofing Technology course with The Roofing Industry Educational Institute in 1995 as noted on his enclosed resume. We will be teaming with Miller Engineering for this project.

B. Statement of the firm understanding of all federal and state regulations regarding renovations to state owned building.

We fully understand and comply with West Virginia State's building codes and all other Federal regulations, such as the Americans with Disabilities Act. We have extensive personal experience working with the state Fire Marshal. We are also currently working on several projects that will be LEED certified.

C. Statement of the size, nature, and status of other major projects for which the firm has worked.

Major projects that we have administered are as follows: (please see included marketing sheet associated with the following projects for more detail and accompanying photographs and renderings)

- **Charleston Federal Center**
Renovation of a former federal courthouse to provide office space for Social Security.
Completed: Winter 2000. 110,000 Square Feet.
- **Clarksburg Federal Center**
New office building to consolidate Federal Government Agencies into a new structure in a historic district.
Completed: Summer 2001. 65,000 Square Feet.
- **Fairmont State University Colebank Hall Renovations**
Various renovation projects to historic classroom building originally built in the 1940s. Projects included Reroofing, Gymnasium Renovations, Classroom and Administrative Office Renovations, and a Data Center Build Out.
Completed: Winter 2007.
- **West Virginia University Downtown Student Housing**
New five story student housing building to accommodate 360 residents.
Estimated Completion: Summer 2009. 90,000 Square Feet.
- **Davis and Elkins College Athletic Center**
40,000 square feet athletic center with gymnasium, seating for 1,200 spectators, locker/shower room facilities, sports hall of fame in lobby, concessions, and offices.
Completed: Spring 2007. 40,000 Square Feet.



Proposal Elements

- Glade Springs Resort and Conference Center
48 room luxury hotel and conference center.
Completed: Fall 2005. 48,500 Square Feet.
- Chestnut Ridge Church
2000+ seat auditorium non-denomination church. Includes two additional chapels, a gymnasium, teen center, classrooms, a three story administration building, and 8400 square feet of circulation/lobby space.
Completed: Fall 2006. 85,000 Square Feet.
- Trinity Christian School
New facility for Trinity Christian School including classrooms, labs, gymnasiums, offices, lobby, and elementary school wing.
Completed: Summer 2005. 80,000 Square Feet.
- Two Waterfront Place
17 story hotel, conference center, retail, dining, and residential mixed-use facility.
Completed on time (Summer 2003) and within budget.
- The Jackson Kelly Building
50,000 square foot office building, including restaurant on the first floor.
Completed: Spring 2002. 50,000 Square Feet.

D. Brief narrative which indicates the level of understanding of the operational, security, and functional requirements of correctional facilities or similar institutions.

Our extensive experience with Institutional, Higher Education, and School facilities show our ability to address any and all operational, security, and functional requirements that we will encounter completing these projects.

E. Statement indicating the firms understanding of the work environment associated with an operational correctional facility.

While all work environments are different, we understand that special consideration and accommodation must be made when working with an operational correctional facility. Our history of professionalism and flexibility will allow us to successfully complete these projects with little disruption to the Regional Jail facilities.



Proposal Elements

F. Statement of the firm's plan of approach and a timeline for this project.

Paradigm's approach will include:

- (1) Review available existing design and/or record documents. Review will include field verification of actual conditions of the following: 1 month
 - a. Roof leak locations and determine causes. Review existing and proposed roofing materials to determine best solution.
 - b. Verify HVAC and controls issues with available utilities for units.
 - c. Locate and document construction staging issues.
 - d. Determine security issues for design team and construction crews.
- (2) Develop Preliminary scope of Work and construction budget. Secure Owner's approval before starting next phase. 1 month
- (3) Develop Final Construction Documents after Owner approval. Secure Owner's approval before starting next phase. 1 month
- (4) Bid project 3 weeks.
- (5) Award project and get contracts signed/approved 1 month
- (6) Start Construction-Construction Schedule cannot be determined at this time.

G. The name, address, and telephone number of at least three (3) references which may be contacted by the West Virginia Regional Jail Authority concerning the firm's work.

See included References page.

H. Statement that explains any litigation or arbitration proceedings related to the firms/individual's performance of a contract for site representative services.

Paradigm Architecture has filed a formal complaint in Jefferson County, Alabama, for nonpayment for services rendered on one project. Otherwise, Paradigm Architecture and its staff have not been involved in any litigation or arbitration. Our firm and its staff are free from all obligations; interest and regulatory problems that might be or appear to give rise to any conflicts of interest.

I. Statement of whether the firm is barred from bidding or proposing governmental contracts for the federal government or any state.

Paradigm Architecture is not barred from bidding or proposing governmental contracts for the federal government or any state.

J. Statement as to whether any procurement laws in the State of West Virginia would affect the potential award of a contract to the firm/individual for this project.

No procurement laws in the State of West Virginia would affect the potential award of a contract to the firm/individual for this project.



References

Mr. John Thompson
Manager of Construction Services
West Virginia University
979 Rawley Avenue
Morgantown, West Virginia
(304) 293-3625

Mr. Pat Stinson
Alliance Construction
320 S. Walker St.
Princeton, WV 24740
(304) 487-5802

Mr. Brian Johnson
Bright Enterprises for
Glade Springs Resort
300 Greenbrier Road
Summersville, West Virginia
(304) 872-3000

Mr. Tim Haring
Chestnut Ridge Church
Senior Pastor
2223 Cheat Road
Morgantown, West Virginia
(304) 594-0548

Mr. Phil Weser, P.E.
March Westin Company
360 Frontier Street
Morgantown, West Virginia
(304) 599-4880

Mr. James Decker
Fairmont State University
1201 Locust Avenue
Fairmont, West Virginia
(304) 367-4100

Mr. Ron Selders
Davis & Elkins College
100 Campus Drive
Elkins, West Virginia
(304) 637-1900

Mr. Rich Lane
Petroplus & Associates, Inc.
Platinum Properties
Two Waterfront Place, Suite 1201
Morgantown, West Virginia
(304) 284-5000



Paul A. Walker, AIA

President and Design Architect

Mr. Walker has twenty-six years of experience as an architect and received his registration in 1986. He became a business owner in October 2000 when he created Paradigm Architecture. Mr. Walker's design responsibilities include programming, development of construction documents, project management, and construction administration. Among the variety of projects he has designed and supervised are: commercial, corporate, educational, governmental, industrial, institutional, recreational, religious, and residential. The scope of projects ranges from a few thousand dollars to over 30 million dollars.

EDUCATION

University of Tennessee, Knoxville, Tennessee
Bachelor of Architecture, 1982

ARCHITECTURAL REGISTRATION

NCARB Certificate No. 53858
West Virginia No. 2626
North Carolina No. 4910
Alabama No. 5398

PROFESSIONAL, CIVIC AND OTHER ACTIVITIES

American Institute of Architects
Board Member, Chestnut Ridge Church

AWARDS AND HONORS

Chestnut Ridge Church, Morgantown, West Virginia
Waterfront Marina, Morgantown, West Virginia
2007 Excellence in Construction Award, Associated Builders & Contractors, Inc.

Two Waterfront Place Hotel & Conference Center, Morgantown, West Virginia
Madden Student Center at Davis & Elkins College, Elkins, West Virginia
2004 Excellence in Construction Award, Associated Builders & Contractors, Inc.

The Jackson Kelly Building, Morgantown, West Virginia
2003 Excellence in Construction Award, Associated Builders & Contractors, Inc.

One Waterfront Place, Morgantown, West Virginia
2002 Excellence in Construction Award, Associated Builders & Contractors, Inc.

Russell Cancer Center, Alexander City, Alabama
2001 Excellence in Construction Award, Associated Builders & Contractors, Inc.

Clarksburg Federal Center, Clarksburg, West Virginia
1999 Excellence in Construction Award, Associated Builders & Contractors, Inc.

Charleston Federal Center, Charleston, West Virginia
2000 Excellence in Construction Award, Associated Builders & Contractors, Inc.
2000 Development Project Special Recognition Award, Charleston Renaissance Corporation

Paradigm - (pär'e-dim') n. An example that serves as pattern or model.



Paul A. Walker, AIA

Representative Projects

**West Virginia University
Downtown Student Housing
Morgantown, West Virginia**
Estimated Completion: Summer 2009
Cost: \$15.3 Million

**Fairmont State University
Colebank Hall Renovations
Fairmont, West Virginia**
Completed: Winter 2007
Cost: \$1.5 Million

**Two Waterfront Place
Hotel and Conference Center
Morgantown, West Virginia**
Completed: Summer 2003
Cost: \$35 Million

**The Jackson Kelly Building
Morgantown, West Virginia**
Completed: Spring 2002
Cost: \$4.5 Million (Shell)

**Glade Springs Resort
and Conference Center
Daniels, West Virginia**
Completed: Fall 2005
Cost: \$6 Million

**Trinity Christian School
Morgantown, West Virginia**
Completed: Summer 2005
Cost: \$8 Million

**United States Department of Agriculture
Morgantown, West Virginia**
Estimated Completion: Fall 2009
Cost: \$6.5 Million (Shell)

**Morgantown Event Center
and Parking Garage
Morgantown, West Virginia**
Estimated Completion: Winter 2009
Cost: \$26.3 Million

**Chestnut Ridge Church
Morgantown, West Virginia**
Completed: Fall 2006
Cost: \$10 Million

* Key involvement in project with firm(s) other than Paradigm Architecture, Inc.

Charleston Federal Center*
Charleston, West Virginia
Completed: Winter 2000
Cost: \$10 Million

Clarksburg Federal Center*
Clarksburg, West Virginia
Completed: Summer 2001
Cost: \$9 Million

**United States Department of Energy
Office of Legacy Management
Records Storage Facility
Morgantown, West Virginia**
Estimated Completion: Fall 2009
Cost: \$8 Million (Shell)

**Davis and Elkins College
Athletic Center
Elkins, West Virginia**
Completed: Spring 2007
Cost: \$5.5 Million

**Waterfront Marina
and Boathouse Bistro
Morgantown, West Virginia**
Completed: Summer 2007
Cost: \$4.2 Million

**Glenmark Office
Morgantown, West Virginia**
Estimated Completion: Winter 2008
Cost: \$1.6 Million

**The Dayton Student Housing
Morgantown, West Virginia**
Estimated Completion: Fall 2008
Cost: \$3.3 Million

**Fairmont State University
Parking Facility
Fairmont, West Virginia**
Completed: Summer 2004
Cost: \$10 Million

One Waterfront Place*
Morgantown, West Virginia
Completed: Summer 2001
Cost: \$21.3 Million



David H. Snider, AIA

Project Manager

Mr. Snider graduated from Auburn University with a degree in architecture and practiced in North Carolina before returning to his hometown of Birmingham, Alabama. He has spent the last eight years of his twenty-three year career with Paradigm Architecture. His responsibilities with Paradigm Architecture have included project management, construction documents, contract administration, and writing specifications. Project experience includes educational, healthcare, churches, libraries, schools, historic office buildings, airports, and commercial facilities.

EDUCATION

Auburn University, Auburn, Alabama
Bachelor of Architecture, 1984

Roofing Technology
The Roofing Industry Educational Institute, 1995

ARCHITECTURAL REGISTRATION

North Carolina No. 05151
Alabama – Pending

PROFESSIONAL, CIVIC AND OTHER ACTIVITIES

American Institute of Architects

AWARDS AND HONORS

Chestnut Ridge Church, Morgantown, West Virginia
Waterfront Marina, Morgantown, West Virginia
2007 Excellence in Construction Award, Associated Builders & Contractors, Inc.

Two Waterfront Place Hotel & Conference Center, Morgantown, West Virginia
Madden Student Center at Davis & Elkins College, Elkins, West Virginia
2004 Excellence in Construction Award, Associated Builders & Contractors, Inc.

Russell Professional Office Building III, Alexander City, Alabama
2004 Top Block Award, The Alabama Masonry Institute

The Jackson Kelly Building, Morgantown, West Virginia
2003 Excellence in Construction Award, Associated Builders & Contractors, Inc.

Russell Cancer Center, Alexander City, Alabama
2001 Excellence in Construction Award, Associated Builders & Contractors, Inc.

Para·di·om - (pă'r'e-dīm') n. An example that serves as pattern or model.



David H. Snider, AIA

Representative Projects

**Two Waterfront Place
Hotel and Conference Center
Morgantown, West Virginia**
Completed: Summer 2003
Cost: \$35 Million

**Glade Springs Resort
and Conference Center
Daniels, West Virginia**
Completed: Fall 2005
Cost: \$6 Million

**United States Department of Agriculture
Morgantown, West Virginia**
Estimated Completion: Fall 2009
Cost: \$6.5 Million (Shell)

**Russell Medical Center
Professional Office Building #3
Alexander City, Alabama**
Completed: Spring 2004
Cost: \$4.2 Million

**The Jackson Kelly Building
Morgantown, West Virginia**
Completed: Spring 2002
Cost: \$4.5 Million (Shell)

**Fairmont State University
Parking Facility
Fairmont, West Virginia**
Completed: Spring 2004
Cost: \$10 Million

**Marina Tower Office Building
and Pedestrian Bridge
Morgantown, West Virginia**
Estimated Completion: Winter 2008
Cost: \$10 Million (Shell)

**Lanier Hospital
Emergency Department Renovations
Valley, Alabama**
Estimated Completion: 2009/2010
Cost: \$1.1 Million

**Waterfront Marina
and Boathouse Bistro
Morgantown, West Virginia**
Completed: Summer 2007
Cost: \$4.2 Million

**Lanier Hospital
ICU Renovations
Valley, Alabama**
Completed: Fall 2008
Cost: \$1.6 Million

**The View at the Park
Morgantown, West Virginia**
Completed: Summer 2004
Cost: \$8 Million

**Russell Medical Center
Emergency Department Renovation
Alexander City, Alabama**
Completed: Spring 2008
Cost: \$1.5 Million

**Office Building for Ron Froelich
Birmingham, Alabama**
Completed: Summer 2002
Cost: \$900,000

**Wilton Bible Baptist Fellowship Hall
Wilton, Alabama**
Completed: Winter 2001
Cost: \$875,000

**Russell Medical Center
Physical Therapy
Alexander City, Alabama**
Completed: Spring 2008
Cost: \$1.6 Million

**Lanier Hospital
Cardiopulmonary/Pharmacy
Renovations
Valley, Alabama**
Completed: Summer 2008
Cost: \$1.165 Million

**Russell Cancer Center*
Alexander City, Alabama**
Completed: Spring 2001
Cost: \$1.8 Million

* Key involvement in project with firm(s) other than Paradigm Architecture, Inc.

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Grant T. Gramstad, AIA

Project Architect

Mr. Gramstad has fourteen years of experience in the design industry as an intern and registered architect. He has been with Paradigm Architecture since its inception in November 2000. His roles have included project management, design, and supervision of small to mid-sized architectural projects. Project experience includes commercial, corporate, educational, governmental, healthcare, industrial, institutional, recreational, and residential.

EDUCATION

Tulane University, New Orleans, Louisiana
Master of Architecture, 2004

Tulane University, New Orleans, Louisiana
Bachelor of Architecture, Salutatorian, 1993

University of Bath, Bath, England
Junior Year Abroad, 1991-1992

ARCHITECTURAL REGISTRATION

Alabama No. 4897

PROFESSIONAL, CIVIC AND OTHER ACTIVITIES

American Institute of Architects
Certified Construction Contract Administrator

AWARDS AND HONORS

Waterfront Marina, Morgantown, West Virginia
2007 Excellence in Construction Award, Associated Builders & Contractors, Inc.

Lightning Strikes Family Fun Center, Trussville, Alabama
2004 Circle of Design Excellence, Pittsburgh Corning Glass Block

Russell Professional Office Building III, Alexander City, Alabama
2004 Top Block Award, The Alabama Masonry Institute

Two Waterfront Place Hotel & Conference Center, Morgantown, West Virginia
2004 Excellence in Construction Award, Associated Builders & Contractors, Inc.

The Jackson Kelly Building, Morgantown, West Virginia
2003 Excellence in Construction Award, Associated Builders & Contractors, Inc.

Russell Cancer Center, Alexander City, Alabama
2001 Excellence in Construction Award, Associated Builders & Contractors, Inc.

Charleston Federal Center, Charleston, West Virginia
2000 Excellence in Construction Award, Associated Builders & Contractors, Inc.
2000 Development Project Special Recognition Award, Charleston Renaissance Corporation

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Grant T. Gramstad, AIA

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**United States Department of Energy
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Records Storage Facility
Morgantown, West Virginia**
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and Boathouse Bistro
Morgantown, West Virginia**
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Cost: \$4.2 Million

**Russell Medical Center
Professional Office Building #3
Alexander City, Alabama**
Completed: Spring 2004
Cost: \$4.2 Million

**Fairmont State University
Parking Facility
Fairmont, West Virginia**
Completed: Spring 2004
Cost: \$10 Million

**The Foundry
Women and Children's Center Renovation
Bessemer, Alabama**
Estimated Completion: Fall 2009
Cost: \$1 Million

Russell Cancer Center*
Alexander City, Alabama
Completion Date: Spring 2001
Project Cost: \$1.8 Million

Charleston Federal Center*
Charleston, West Virginia
Completed: Winter 2000
Cost: \$10 Million

**The Jackson Kelly Building
Morgantown, West Virginia**
Completed: Spring 2002
Cost: \$4.5 Million (Shell)

**Performance Fitness
and Trussville Rehab
Trussville, Alabama**
Completed: Fall 2003
Cost: \$1.5 Million

**City of Trussville
Flood Renovations to
City Hall and Police Department
Trussville, Alabama**
Completed: Summer 2003
Cost: DND

**Coca-cola Cross-dock Facility
Walker County, Alabama**
Completed: Fall 2002
Cost: \$800,000

**City Hall and Police Department
Renovations for
City of Trussville
Trussville, Alabama**
Completed: Summer 2003
Cost: DND

**Irondale Industrial Contractors
Office Building
Irondale, Alabama**
Completed: Winter 2006
Cost: \$1 Million

**Lightning Strikes
Trussville Family Fun Center
Trussville, Alabama**
Completed: Spring 2004
Cost: \$7 Million

* Key involvement in project with firm(s) other than Paradigm Architecture, Inc.

2450 Valleydale Road • Suite 150
Birmingham, AL 35244
Tele 205•403•2742 205•403•2743 Fax

2223 Cheat Road • Suite 300
Morgantown, WV 26508
Tele 304•284•5015 304•284•5014 Fax



Jonathan L. Perry, AIA

Project Manager

Mr. Perry's responsibilities have included development of construction documents and drawings, project management, marketing presentations, bidding procedures, construction administration, and creating renderings for clients using computer aided design programs. He has a combined nine years of experience in commercial and residential architecture and has been with Paradigm Architecture for the last eight years. Project experience includes commercial, corporate, educational, governmental, healthcare, hospitality, industrial, institutional, recreational, and residential.

EDUCATION

University of Alabama at Birmingham, Birmingham, AL
Master of Engineering in Construction Management, 2008-current student

University of Tennessee, Knoxville, Tennessee
Bachelor of Architecture, Cum Laude, 1999

Politechnika Krakowska, Krakow, Poland
Semester Abroad, 1998

ARCHITECTURAL REGISTRATION

West Virginia No. 3953 - received June 2007

PROFESSIONAL, CIVIC AND OTHER ACTIVITIES

American Institute of Architects
Construction Documents Technologist

AWARDS AND HONORS

Chestnut Ridge Church, Morgantown, West Virginia
Waterfront Marina, Morgantown, West Virginia
2007 Excellence in Construction Award, Associated Builders & Contractors, Inc.

Russell Professional Office Building III, Alexander City, Alabama
2004 Top Block Award, The Alabama Masonry Institute

Two Waterfront Place Hotel & Conference Center, Morgantown, West Virginia
Madden Student Center at Davis & Elkins College, Elkins, West Virginia
2004 Excellence in Construction Award, Associated Builders & Contractors, Inc.

The Jackson Kelly Building, Morgantown, West Virginia
2003 Excellence in Construction Award, Associated Builders & Contractors, Inc.

Russell Cancer Center, Alexander City, Alabama
2001 Excellence in Construction Award, Associated Builders & Contractors, Inc.

Paradigm - (pă'r'e-dīm') n. An example that serves as pattern or model.



Jonathan L. Perry, AIA

Representative Projects

**Fairmont State University
Colebank Hall Renovations**
Fairmont, West Virginia
Completed: Winter 2007
Cost: \$1.5 Million

**West Virginia University
Downtown Student Housing**
Morgantown, West Virginia
Estimated Completion: Summer 2009
Cost: \$15.3 Million

**West Virginia University
Intermodal Garage**
Morgantown, West Virginia
Estimated Completion: Fall 2009
Cost: \$14.5 Million

Trinity Christian School
Morgantown, West Virginia
Completed: Summer 2005
Cost: \$8 Million

**Fairmont State University
Parking Facility**
Fairmont, West Virginia
Completed: Spring 2004
Cost: \$10 Million

**West Virginia University
Milan Puskar Stadium
Touchdown Terrace Club Addition**
Morgantown, West Virginia
Completed: Summer 2007
Cost: \$800,000

**Waterfront Marina
and Boathouse Bistro**
Morgantown, West Virginia
Completed: Summer 2007
Cost: \$4.2 Million

**Fairmont State University
Conference Center Fit-up**
Fairmont, West Virginia
Completed: November 2006
Cost: \$770,000

**Two Waterfront Place
Hotel and Conference Center**
Morgantown, West Virginia
Completed: Summer 2003
Cost: \$35 Million

**Davis and Elkins College
Athletic Center**
Elkins, West Virginia
Completed: Spring 2007
Cost: \$5.5 Million

**Glade Springs Resort
Clubhouse Expansion**
Daniels, West Virginia
Completed: Summer 2006
Cost: \$1.1 Million

Chestnut Ridge Community Church
Morgantown, West Virginia
Completed: Fall 2006
Cost: \$10 Million

The Jackson Kelly Building
Morgantown, West Virginia
Completed: Spring 2002
Cost: \$4.5 Million (Shell)

The View at the Park
Morgantown, West Virginia
Completed: Summer 2004
Cost: \$8 Million

**Russell Medical Center
Professional Office Building #3**
Alexander City, Alabama
Completed: Spring 2004
Cost: \$4.2 Million

The Dayton Student Housing
Morgantown, West Virginia
Completed: Fall 2008
Cost: \$3.3 Million

One Waterfront Place*
Morgantown, West Virginia
Completed: Summer 2001
Cost: \$21.3 Million

* Key involvement in project with firm(s) other than Paradigm Architecture, Inc.

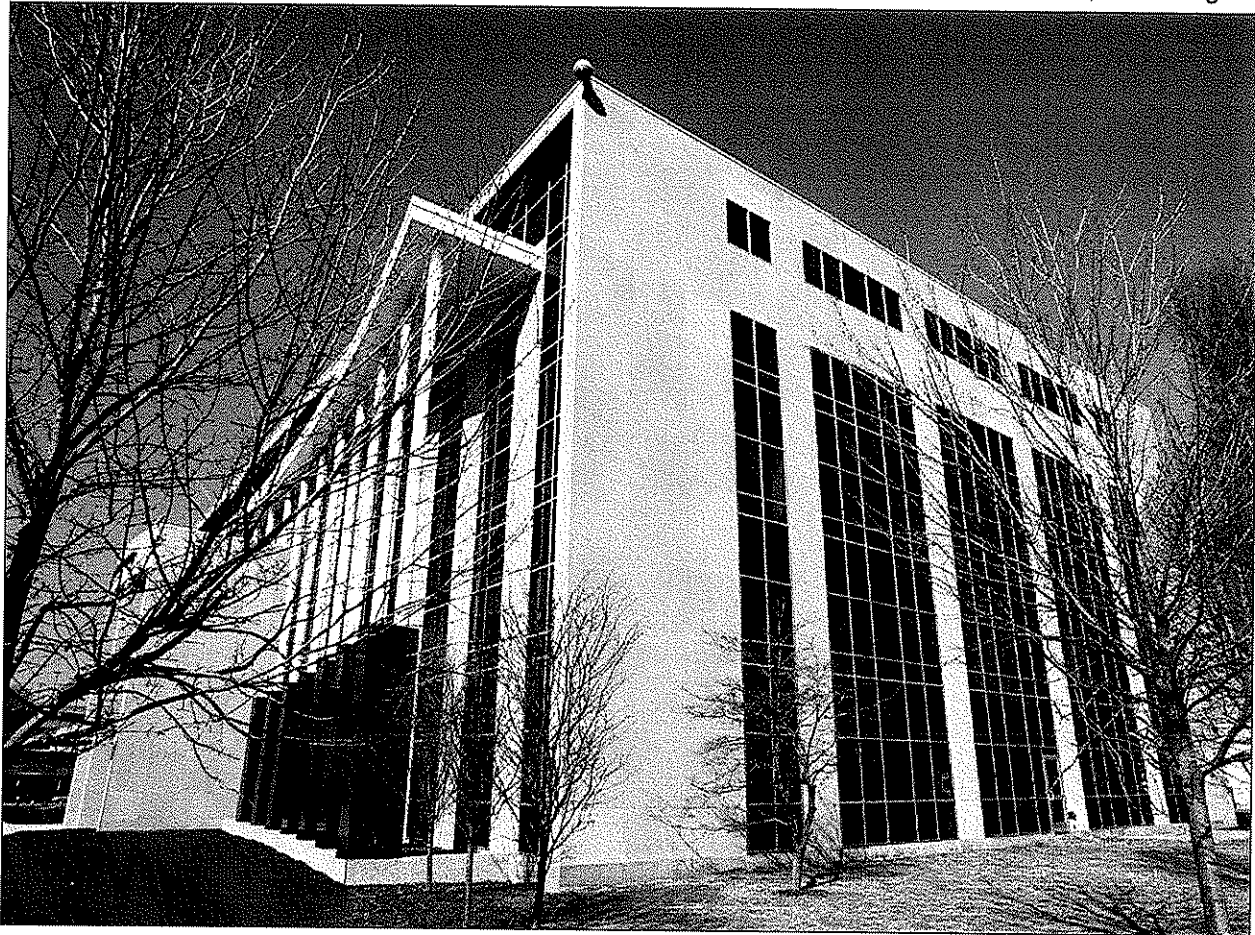
2450 Valleydale Road • Suite 150
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2223 Cheat Road • Suite 300
Morgantown, WV 26508
Tele 304•284•5015 304•284•5014 Fax



Charleston Federal Center

Charleston, West Virginia



Renovation of a former federal courthouse to provide office space for Social Security. This commission was awarded through a national design competition.

2000 Excellence in Construction Award from the Associated Builders & Contractors, Inc.

2000 Development Project Special Recognition Award from the Charleston Renaissance Corporation

Owner: Platinum Properties, LLC

Design Architect: Paul A. Walker, AIA
Project Manager: David H. Snider, AIA
Architect of Record: Evan Terry Associates, P.C.

Completed: Winter 2000
Cost: \$10 Million
Size: 110,000 Square Feet

Contractor: The March-Westin Company





Clarksburg Federal Center

Clarksburg, West Virginia



National design competition for the design of a new office building to consolidate Federal Government Agencies into a new structure in a historic district.

1999 Excellence in Construction Award from the Associated Builders & Contractors, Inc.

Owner: Platinum Properties, LLC

Design Architect: Paul A. Walker, AIA

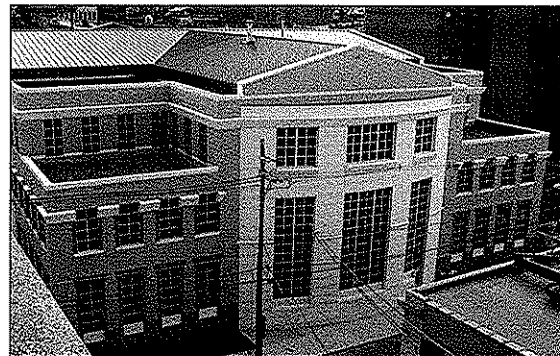
Architect of Record: Gates Calloway Moore & West

Completed: Summer 2001

Cost: \$9 Million

Size: 65,000 Square Feet

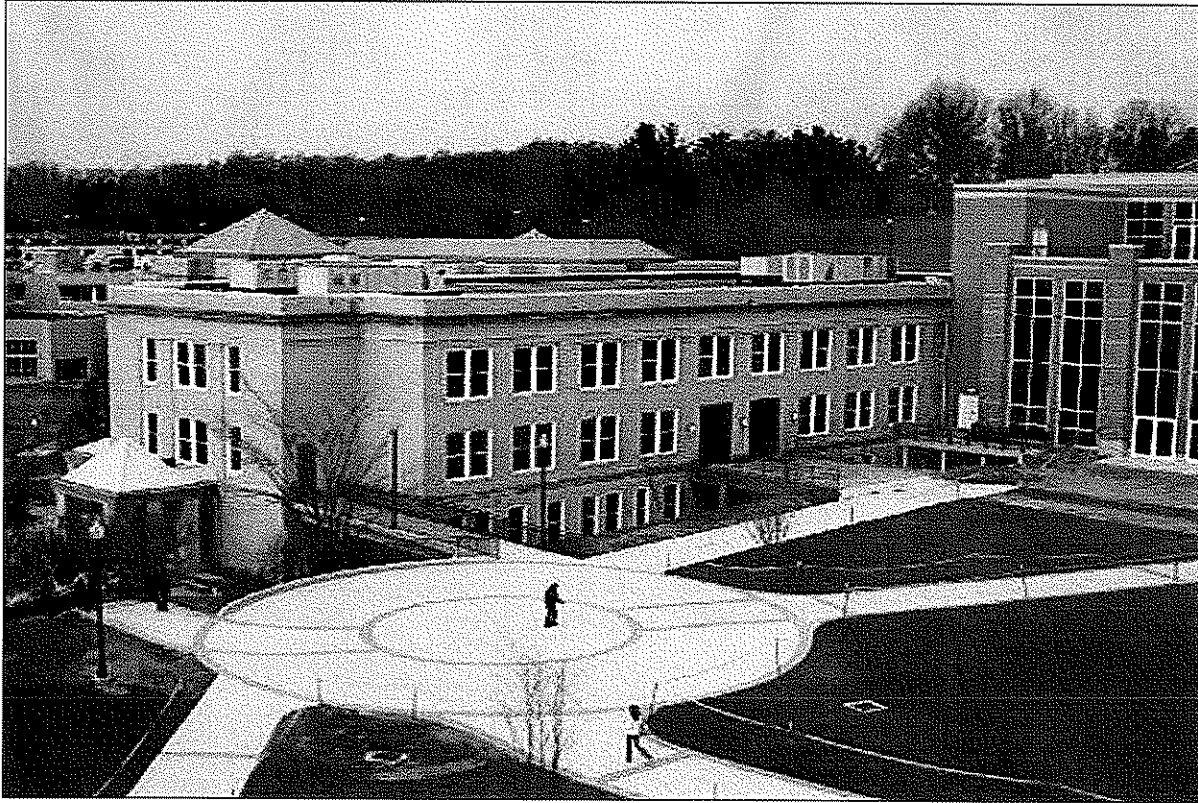
Contractor: The March-Westin Company





Fairmont State University Colebank Hall Renovations

Fairmont, West Virginia



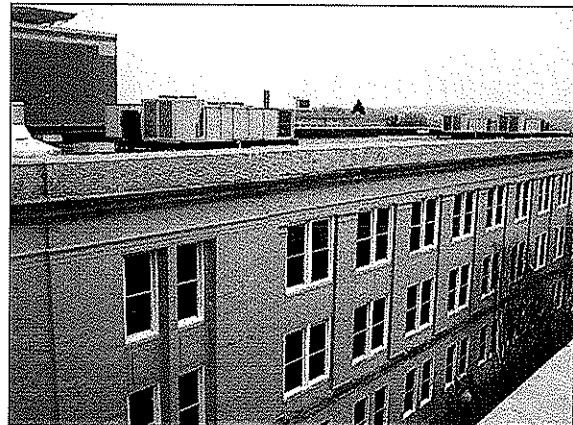
Various renovation projects to a historic classroom building originally built in the 1940s. Projects included Reroofing, Gymnasium Renovations, Classroom and Administrative Office Renovations, and a Data Center Build out.

Owner: Fairmont State University

Design Architect: Jonathan L. Perry, AIA
Project Manager: Jonathan L. Perry, AIA

Completed: Winter 2007
Total Cost: \$1.5 Million
Size: 42,200 Square Feet

Contractors: Tmaro Corporation
Marks-Landau Construction
Sutter Roofing





West Virginia University Downtown Student Housing

Morgantown, West Virginia



This new five story student housing building will accommodate 360 residents. The design includes apartments for Resident Hall Coordinators and Resident Facility Leaders, a multi-purpose room, laundry facility, administrative offices, fellowship advising, and honors college administration.

(Currently Under Construction)

Owner: West Virginia University

Design Architect: Paul A. Walker, AIA

Project Manager: David H. Snider, AIA

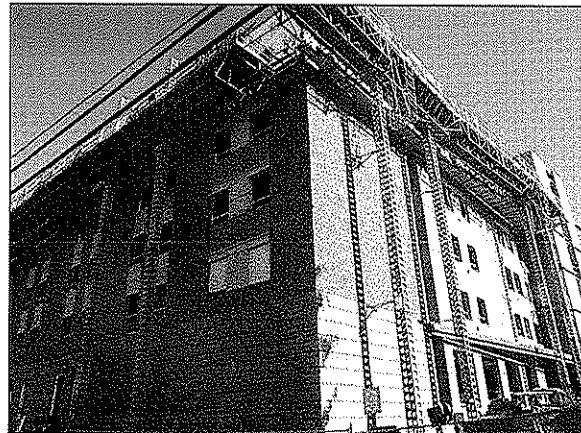
Project Architect: Grant T. Gramstad, AIA

Estimated Completion: Summer 2009

Cost: \$15.3 Million

Size: 90,000 Square Feet

Contractor: Tedco Construction





Davis and Elkins College Athletic Center

Elkins, West Virginia



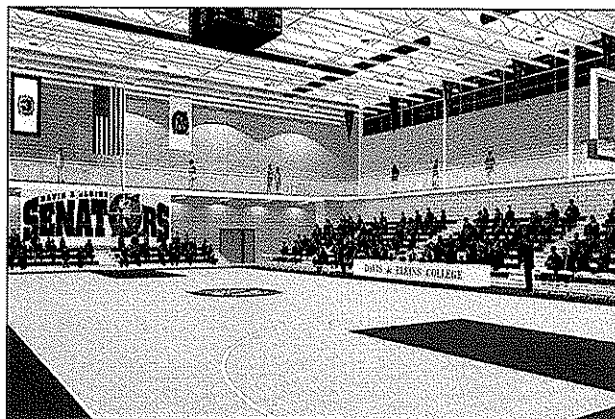
This athletic center has a gymnasium and seating for 1,200 spectators. The center also includes locker/shower room facilities for basketball, volleyball, and soccer. The lobby holds a sports hall of fame and concessions. In addition, there are offices for athletic and physical education.

Owner: Davis and Elkins College

Design Architect: Paul A. Walker, AIA
Project Architect: Jonathan L. Perry, AIA

Completed: Spring 2007
Cost: \$5.5 Million
Size: 40,000 Square Feet

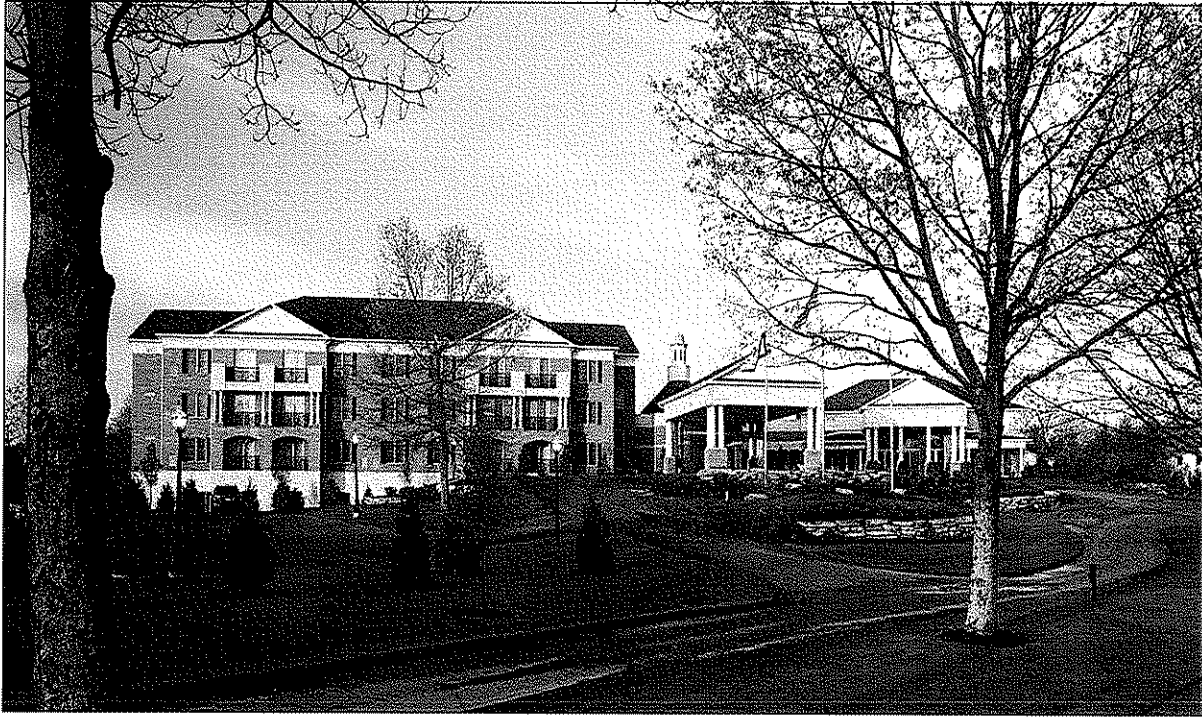
Contractor: The March-Westin Company





Glade Springs Resort and Conference Center

Daniels, West Virginia



Located in the Allegheny Mountains of West Virginia, this 48 room luxury hotel and conference center is available for both family vacations and business retreats, offering access to ski, spa, and golf activities.

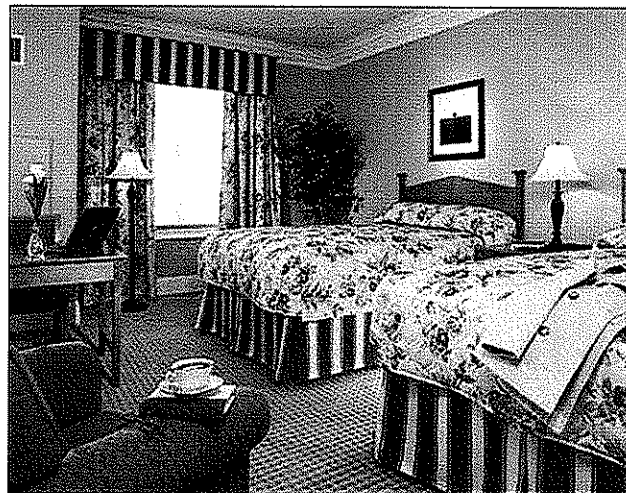
The facility is located on the site of the existing conference center and is connected to the existing commercial kitchen. The facility functions as the main lodging and meeting center of the resort and offers a mix of hotel rooms and suites, and an additional 4,100 square feet of ballroom and meeting space.

Owner: Glade Springs Resort

Design Architect: Paul A. Walker, AIA
Project Manager: David H. Snider, AIA
Project Architect: Grant T. Gramstad, AIA

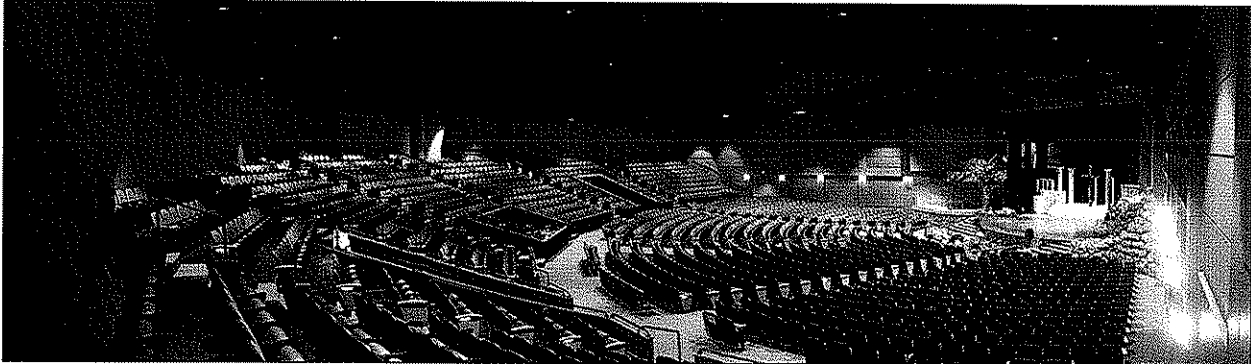
Completed: Fall 2005
Cost: \$8 Million
Size: 48,500 Square Feet

Contractor: Alliance Construction Management



Chestnut Ridge Church

Morgantown, West Virginia



A 2,000+ seat auditorium, non-denominational church in the Cheat Lake area. Includes two additional chapels, a gymnasium, teen center, classrooms, a three story administration building, and 8,400 square feet of circulation / lobby space. The parking lot accommodates 750 spaces.

2007 Excellence in Construction Award from the Associated Builders & Contractors, Inc.

Owner: Chestnut Ridge Church

Design Architect: Paul A. Walker, AIA

Technical Support: Steve Konya

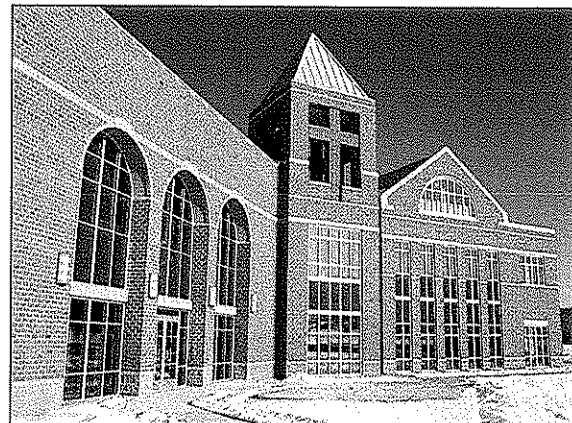
Interior Design: Shelly Johnson

Completed: Fall 2006

Cost: \$10 Million

Size: 85,000 Square Feet

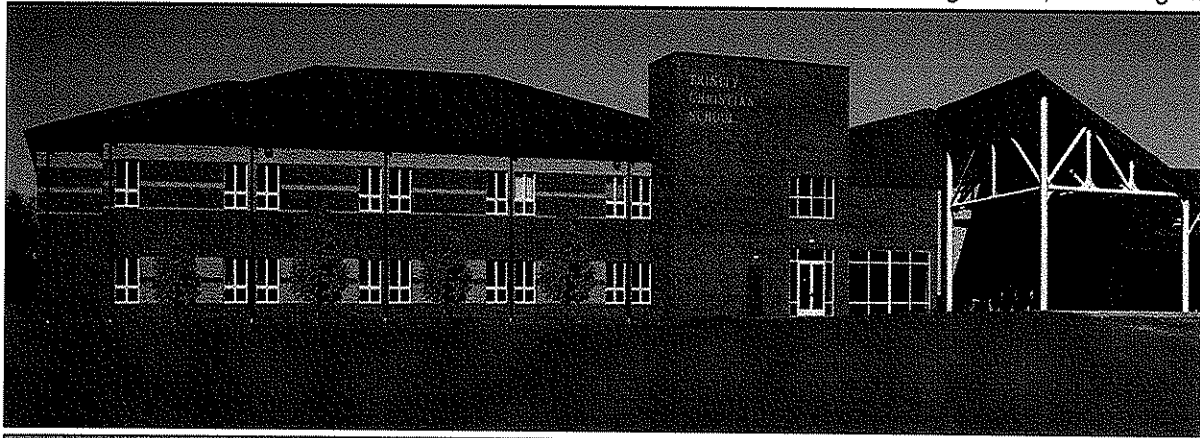
Contractor: The March-Westin Company





Trinity Christian School

Morgantown, West Virginia



A new facility for Trinity Christian School is being built in a series of five phases. The 57,000 sq. ft. phase 1 was completed in 2004 providing students with art and music classrooms, science labs, a gymnasium, new administration and counseling offices, and a large entrance lobby.

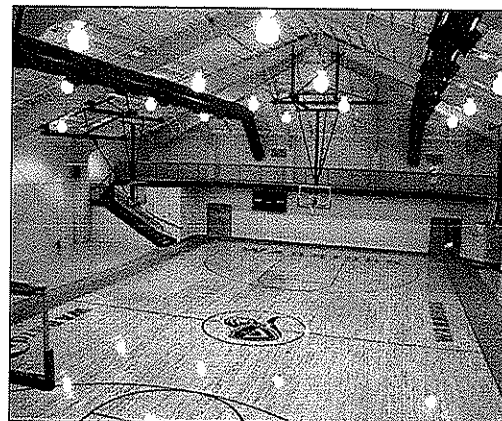
The 23,000 sq. ft. phase 2 was completed in 2005 with the addition of a new elementary school wing. Future phases will include a fine arts center, a practice gym, additional classrooms, and outdoor playing fields.

Owner: Trinity Christian School

Design Architect: Paul A. Walker, AIA
Project Manager: Jonathan L. Perry, AIA
Interior Design: Shelley Johnson

Completed: Summer 2005
Cost: \$8 Million
Size: 80,000 Square Feet

Contractor: Cook Brothers Building and Excavating





Two Waterfront Place Hotel and Conference Center

Morgantown, West Virginia



A seventeen story hotel, conference center, retail, dining, and residential mixed-use facility in the Waterfront District. Additional features include an indoor pool, athletic club, day-spa/salon, and private parking for residents.

2003 Excellence in Construction Award from the Associated Builders & Contractors, Inc.

Owner: Platinum Properties

Design Architect: Paul A. Walker, AIA

Project Manager: David H. Snider, AIA

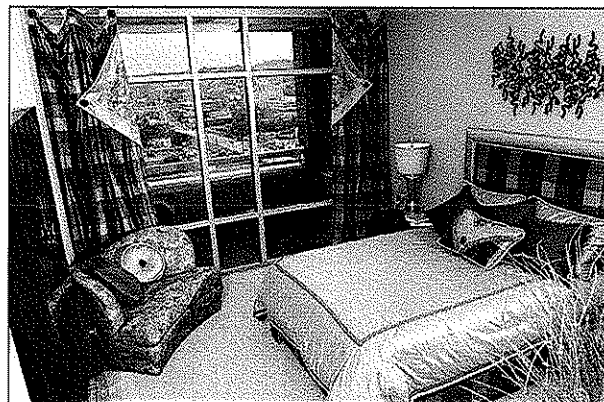
Project Architect: Grant T. Gramstad, AIA

Completed: Summer 2003

Cost: \$35 Million

Size: 296,427 Square Feet

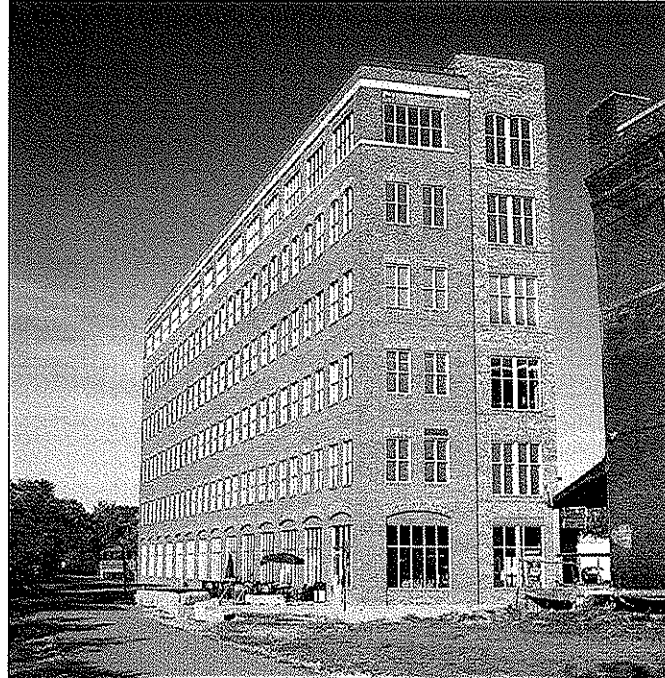
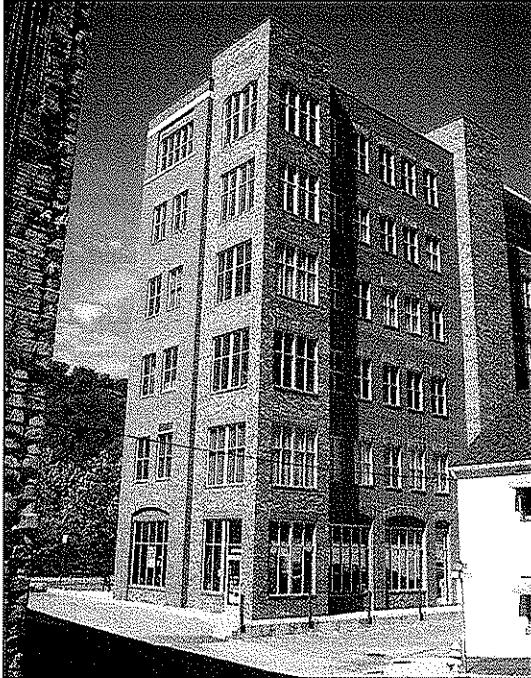
Contractor: The March-Westin Company





The Jackson Kelly Building

Morgantown, West Virginia



Designed to fit its historic context in the Wharf District, this office building houses multiple business tenants, including Jackson Kelly PLLC, DMJM Harris, Simpson & Osborne, MetLife, Luttner Financial, and National Biometric Security Project, with restaurant functions on the first floor.

2003 Excellence in Construction Award from the Associated Builders & Contractors, Inc.

Owner: Platinum Properties, LLC

Design Architect: Paul A. Walker, AIA

Project Manager: David H. Snider, AIA

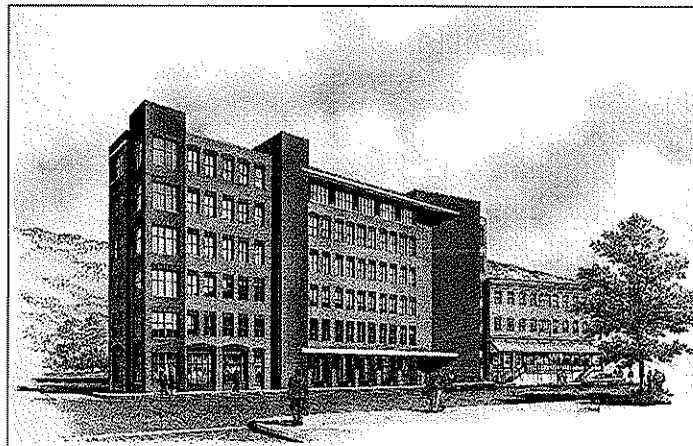
Project Architect: Grant T. Gramstad, AIA

Completed: Spring 2002

Cost: \$4.5 Million (Shell)

Size: 50,000 Square Feet

Contractor: The March-Westin Company





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:
RJCMNT001

PAGE:
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
JOHN ABBOTT
304-558-2544

PROPERTY

RFQ COPY
TYPE NAME/ADDRESS HERE
 Paradigm Architecture
 2223 Cheat Rd, Suite 300
 Morgantown, WV 26508

PROPERTY

REG'L JAIL & CORR'L AUTH'Y
 1325 VIRGINIA STREET EAST
 CHARLESTON, WV
 25301 304-558-2110

DATE PRINTED 11/17/2008	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
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BID OPENING DATE: **12/09/2008** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		906-00-00-001		
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL CONTRACT TO PROVIDE ARCHITECT AND ENGINEERING SERVICES TO THE WEST VIRGINIA REGIONAL JAIL AUTHORITY FOR VARIOUS PROJECTS WITHIN THE REGIONAL JAIL SYSTEM, PER THE SPECIFICATIONS. NOTICE A SIGNED BID MUST BE SUBMITTED TO: DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130 THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED: SEALED BID BUYER: JOHN ABBOTT----- RFQ. NO.: RJCMNT001-----						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE 	TELEPHONE (304) 284-5015	DATE 12/05/2008	
TITLE President	FERN 63-1263568	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
RJCMNT001

PAGE
2

ADDRESS CORRESPONDENCE TO ATTENTION OF
JOHN ABBOTT
304-558-2544

PURCHASER'S COPY

RFQ COPY
TYPE NAME/ADDRESS HERE

Paradigm Architecture
 2223 Cheat Rd, Suite 300
 Morgantown, WV 26508

SHIP TO

REG'L JAIL & CORR'L AUTH'Y

1325 VIRGINIA STREET EAST
CHARLESTON, WV
25301 **304-558-2110**

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
11/17/2008				

BID OPENING DATE: **12/09/2008** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
				BID OPENING DATE:		12/09/2008
				BID OPENING TIME:		1:30 PM
				PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:		
				(304) 284-5014		
				CONTACT PERSON (PLEASE PRINT CLEARLY):		
				Paul A. Walker		
				***** THIS IS THE END OF RFQ RJCMNT001 *****		TOTAL: _____

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE (304) 284-5015	DATE 12/05/2008
TITLE President	FEIN 63-1263568	ADDRESS CHANGES TO BE NOTED ABOVE

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

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

VENDOR OWING A DEBT TO THE STATE:

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

PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

West Virginia Code §21-1D-5 provides that: Any solicitation for a public improvement construction contract shall require each vendor that submits a bid for the work to submit at the same time an affidavit that the vendor has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code. A public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the West Virginia Code may take place before their work on the public improvement is begun.

ANTITRUST:

In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the state of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the state of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the state of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

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

LICENSING:

Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

CONFIDENTIALITY:

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit www.state.wv.us/admin/purchase/privacy for the Notice of Agency Confidentiality Policies.

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

Vendor's Name: Paradigm Architecture

Authorized Signature:  Date: December 5, 2008



MILLER ENGINEERING, INC.

SUMMARY

Miller Engineering, Inc. (MEI) was formed to provide professional services to facility owners and operators, architects, and contractors throughout West Virginia and Pennsylvania. MEI provides services in mechanical, electrical, and plumbing design as well as project management. We utilize the abilities of designers, often on a contract basis, with many years experience in their area of expertise 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. This approach emphasizes the best overall solution, meeting all the client’s needs, instead of the best technical solution. We believe our small size provides a distinct advantage to our clients and affords us the freedom to team with the clients to achieve the overall best possible result.



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



MILLER

ENGINEERING, INC.

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.



CHUCK LEMLEY, PE
SENIOR STAFF ENGINEER

EDUCATION Bachelor of Science in Electrical Engineering,
West Virginia University - 1989

REGISTRATIONS Professional Engineer, West Virginia
Professional Engineer, Pennsylvania
Professional Engineer, District of Columbia

QUALIFICATIONS Chuck has worked for MEI on a part time basis on several projects over the last few years and is in transition to a full time position as a senior staff engineer.

Chuck has 20 years experience in the electrical industry with much of that time spent as a distribution and customer service engineer for a local utility. His great experience in high voltage distribution systems including substations, scada systems, and lines distribution systems design make him one of the best power systems designers in the region. The time Chuck has spent working with major account customers has given him a vast and detailed understanding of the needs of commercial and industrial clients in regards to power systems and electrical distribution. While implementing construction projects for power company customers, he learned the "nuts and bolts" of power systems construction. During his tenure with a local electrical contractor, he also refined his skills relating to low voltage (600V & below) power distribution systems and related construction requirements and practices.

Chuck brings an operational knowledge to his design work which results in a reliable, cost effective result for the client.



BRANDON MERRIMAN, EI
MECHANICAL DESIGNER

EDUCATION

Bachelor of Science in Mechanical Engineering
West Virginia University - 2006
Promise Scholar

QUALIFICATIONS

Brandon is a graduate of the West Virginia University College of Engineering. Brandon assisted in the design and construction administration of multiple projects as an intern during the summer of 2005 and his senior year at WVU. After graduation Brandon came to MEI full time as a mechanical engineering intern/designer.

Brandon has been highly involved in the design of MEP systems for many facilities since arriving at MEI. HE arrived at MEI with an excellent academic record and a willingness to learn and has become a highly valuable member of our team in a short period of time. Over the last two-plus years he has been highly involved with not only the design but the construction administration of a variety of projects including renovations and new construction. His work has proven invaluable and he possesses a keen ability to grasp and apply new information.

Brandon's long term goal is to obtain his Professional Engineer's license and continue consulting.

REGISTRATIONS

Fundamentals of Engineering, West Virginias PE
Board – April 2006

PROJECT: GREER BUILDING HVAC RENOVATION

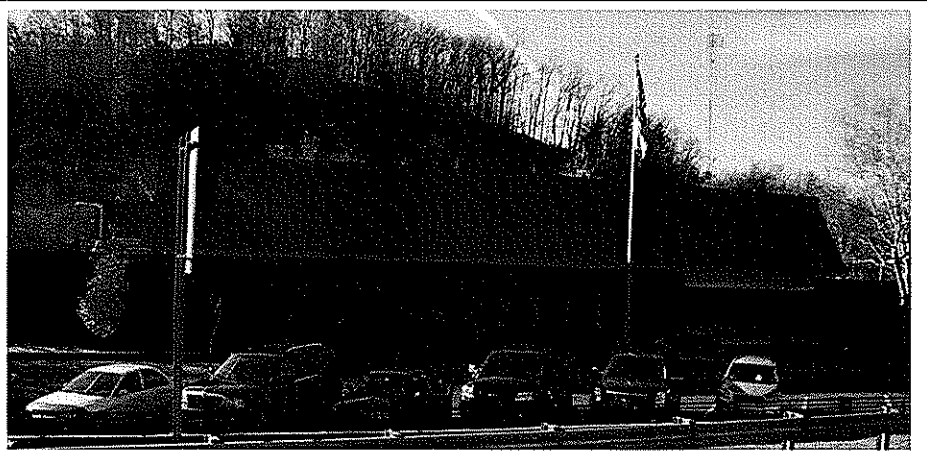
OWNER: The Dominion Post and Greer Industries, Morgantown, WV



MEP TECHNICAL HIGHLIGHTS:

The original HVAC systems served the facility well for many years. Approximately 10 years ago, a contractor made changes which interconnected the air system between the two levels of the building. This interconnection has caused significant temperature control problems. Changes in space utilization have further complicated the issue through the years.

The Owner decided to reconfigure the entire floor plan with significant HVAC changes were required. The ensuing HVAC renovation was designed and implemented as a phased approach as the Owner will maintain occupancy during construction. The system must serve the facility in its current floor plan and then adapt as the floor plan changes take effect. Miller designed the system to work with the existing floor plan, yet easily adapt to the future plan. A concurrent electrical upgrade, designed by Miller, is under construction



PROJECT DESCRIPTION:

The Greer Building is the home of the Dominion Post newspaper and several local radio stations. Constructed in 1967, it incorporated state-of-the-art multi-zone HVAC systems. The systems have served the facility well, lasting twice their expected life. The main air handling systems, piping, and ductwork are being replaced and reconfigured to better serve the floor plan changes made to the facility.

REFERENCE:

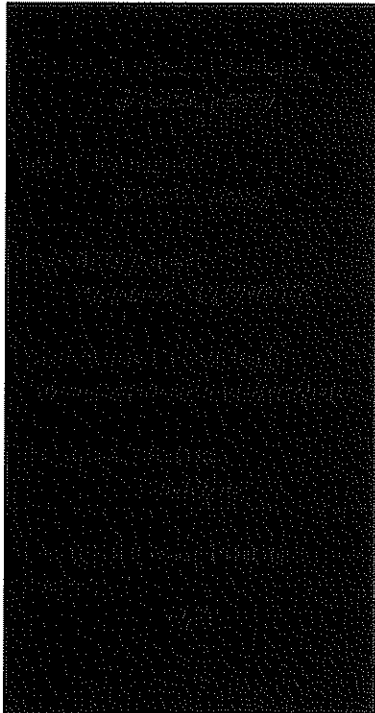
Chris Halterman
Director of Operations - The Dominion Post
1201 Hal Greer Blvd.
Morgantown, WV 26508
304-291-9425

**PROJECT: CANAAN STATE PARK LODGE
BOILER EVALUATION**

LOCATION: CANAAN VALLEY, WV

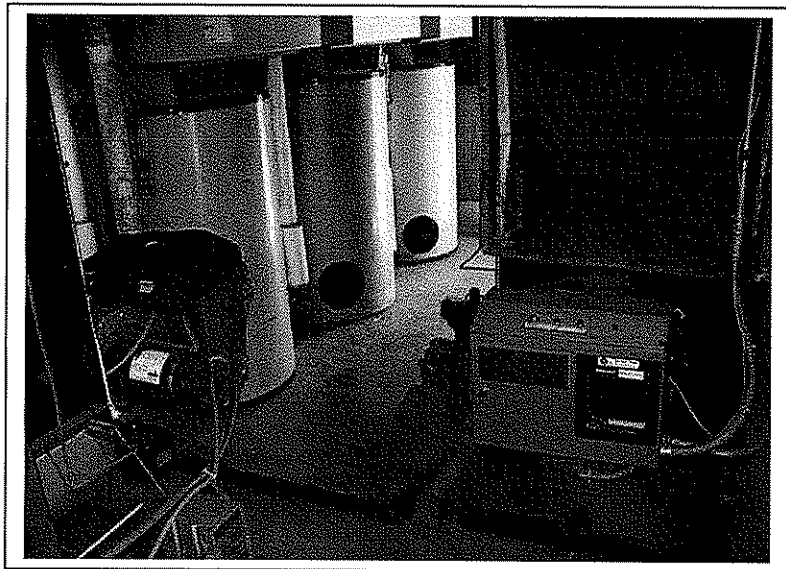


MEP TECHNICAL HIGHLIGHTS:



At the Owner's request, Miller Engineering assessed the gas fired hot water boiler system at the Canaan Valley Lodge. One of the existing boilers reportedly had developed a crack in the rear tube sheet and was leaking. Additionally, the annual insurance inspectors report flagged the boilers as a potential concern.

The boilers were installed in 1994 and re-tubed 2 – 3 years ago due to "excessive corrosion". It is highly unusual for a boiler of this age to need re-tubed so quickly. Miller evaluated the boiler repairs based ASME standards and best industry practices and made recommendations to the Owner regarding whether repair or replacement was the best course of action. Both a short term and long term recommendation were made, which permitted the Owner to continue to operate the facility safely.



PROJECT DESCRIPTION:

The Canaan Valley State Park Lodge was originally constructed around 1970 with large electric boilers which were later replaced with gas-fired boilers. The Park is located in the Canaan Valley, one of the most popular recreation sites in the state. MEI performed a detailed survey of the system and made recommendations to the Owner.

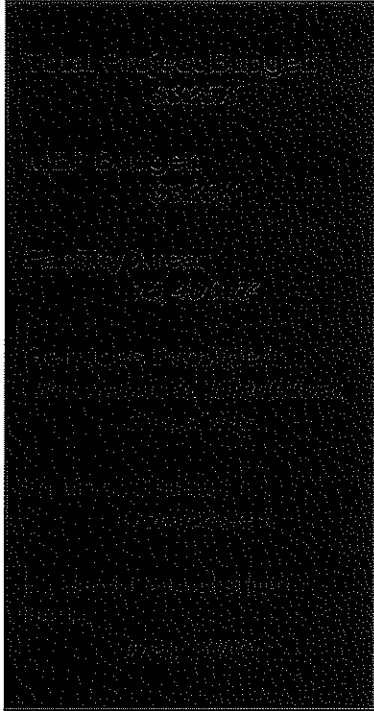
REFERENCE:

Brad Leslie PE, WV Department of Natural Resources
State Capital Complex Building #3
Charleston, WV
304-558-2775

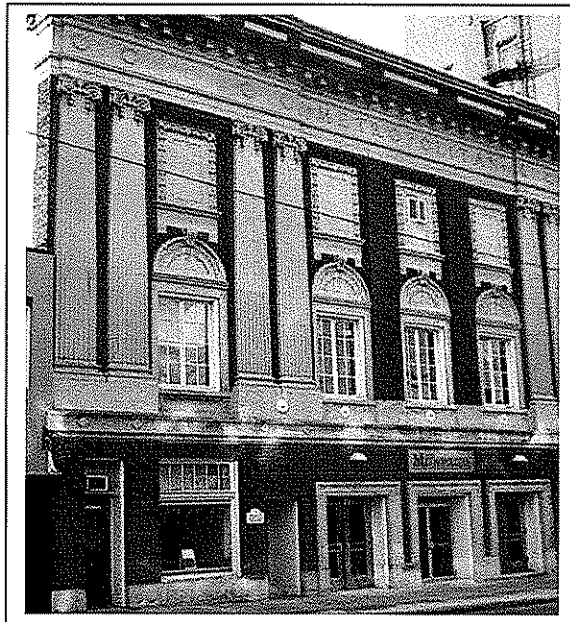
PROJECT: MET THEATER AIR CONDITIONING
LOCATION: MORGANTOWN, WV



MEP TECHNICAL HIGHLIGHTS:



The Metropolitan (Met) Theater had an HVAC system upgrade several years ago during which the contractor worked until the budget was expended and then stopped. No project record drawings were created. MEI performed detailed field investigations to determine and document the extent of the previous installation. Project drawings were then created to complete the installation of air system components, add a new air-cooled chiller, and retrofit the existing air systems to provide air conditioning while protecting the historic nature of the Theater.



PROJECT DESCRIPTION:

The Met Theater is a historical structure which is currently being brought to life by the City of Morgantown and a concerned group of citizens. Air conditioning is required to use the facility year-around and protect its unique plaster work. The historical nature of the structure requires innovative solutions to complete the previous installation. New, independent, HVAC calculations and computer modeling of the building systems were done to verify the original installation and implement the necessary changes to meet current codes and standards. The scope includes completion of the air distribution system, retrofit of air handling systems with cooling coils, completion of hot water reheat systems, and completely new control systems for the theater utilizing CO₂ demand based ventilation and multiple operational modes for increased energy savings.

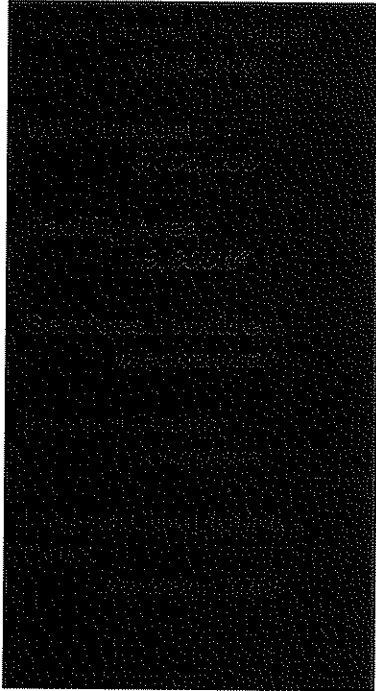
REFERENCE:

Ralph LaRue, BOPARC of Morgantown
Marilla Center
Morgantown, West Virginia 26505 304-296-8356

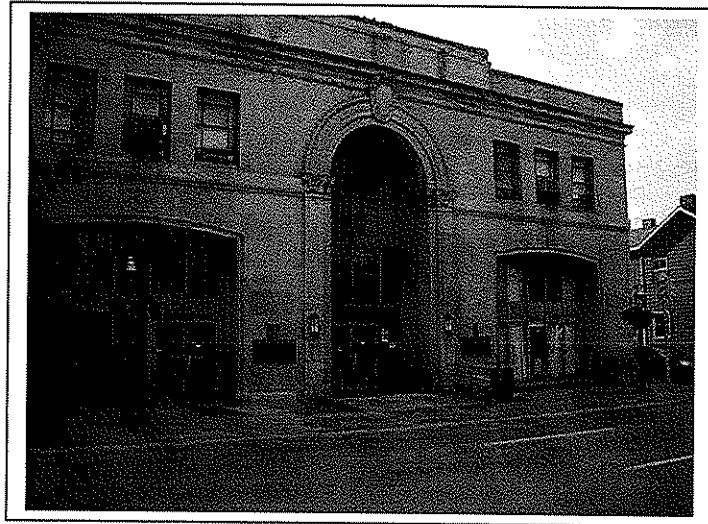
PROJECT: MUNICIPAL BLDG BOILER
OWNER: CITY OF MORGANTOWN, WV



MEP TECHNICAL HIGHLIGHTS:



The Morgantown Municipal Building is heated by low pressure steam with a combination of radiators and fan-coil units. The existing naturally aspirated boiler developed leak in a short period of time which necessitated replacement. Additionally the steam piping, condensate piping and gas piping all had issues that needed resolved.



PROJECT DESCRIPTION:

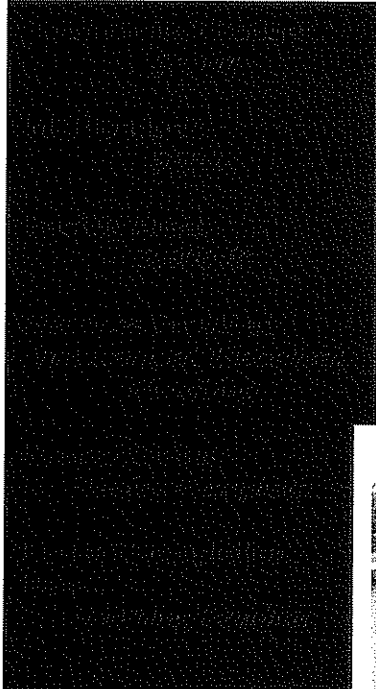
MEI's services were requested by the contractor retained to perform the replacement under a design-build contract. MEI teamed with the Owner and Contractor to evaluate the existing installation for deficiencies, calculate the actual heating demand, and verify the sizing of the equipment, headers, and piping for installation. MEI worked on site with the contractor through the New Year's Holiday weekend to observe and help with the project by offering real time advice and answers during the installation. The contractor had a short time frame in which to perform the demolition and installation prior to the building being damaged due to cold weather. The project was successfully achieved in the necessary timeline.

REFERENCE:
TOM TURNER
SUBURBAN PLUMBING HEATING & COOLING
240 Scott Ave
Morgantown, WV 304-291-2377

PROJECT: BERKELEY SPRINGS BATHHOUSE
OWNER: WEST VIRGINIA DNR, BATH, WV



MEP TECHNICAL HIGHLIGHTS:



The Bathhouse Renovation includes replacement of all MEP systems within the facility. The existing steam boiler is being replaced as are steam fired hot water tanks and all associated piping. The hot water demand is huge and is split into two systems, domestic (2,000 PGH) and Roman Bath water (3,000 GPH). The cast iron radiator heating system is being replaced by a full VAV HVAC system w/ terminal reheat, and comfort radiant heating over the clients tubs and massage tables. These systems will provide proper ventilation and dehumidification, which has never existed in the facility.

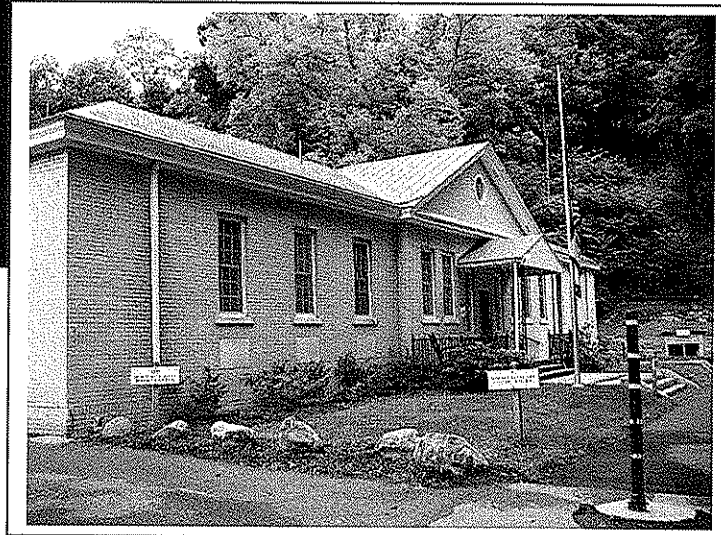


Photo Courtesy of ALPHA Associates

PROJECT DESCRIPTION:

The Berkeley Springs Bathhouse, built in 1929, is a historic structure located in the Berkeley Spring State Park in the Town of Bath, West Virginia. The approximately 1000 gallon per minute flow of 78.4 degree mineral laden water is used by the spa located in the bathhouse. The water is heated and clients soak in either tubs or large Roman baths prior to other spa activities. The Project is a renovation of the facility with a total MEP replacement. The goal of the MEP system design is reliable, cost effective, and energy efficient systems that enhance the client experience and protect the historic facility.

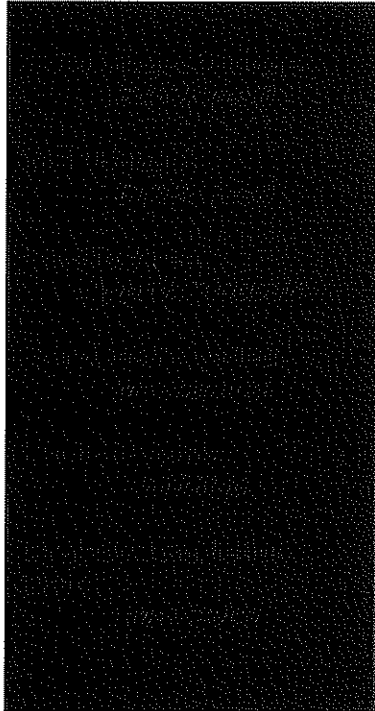
REFERENCE:

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

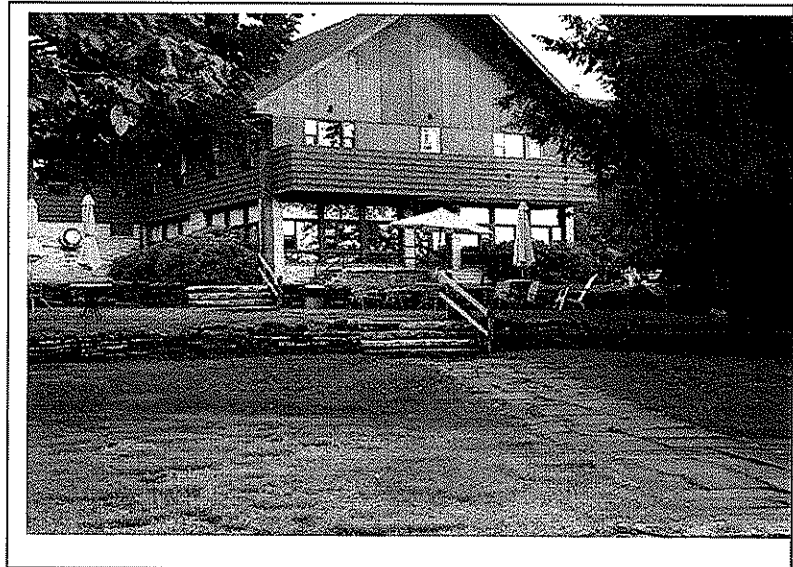
**PROJECT: BLACKWATER FALLS STATE PARK
LODGE DINING ROOM AC**
LOCATION: DAVIS, WV



MEP TECHNICAL HIGHLIGHTS:



Miller designed a replacement air system which includes air conditioning. This was achieved by installing an air handling unit on the exterior and ducting it into the facility. To prevent the new equipment from becoming an eyesore and interfering with the views from the lodge, some of it is mounted remotely in a loading dock area. The equipment which could not be remotely located is installed behind a masonry wall which incorporates the same stone as the lodge. A new chiller was incorporated into the design to give better humidity control.



PROJECT DESCRIPTION:

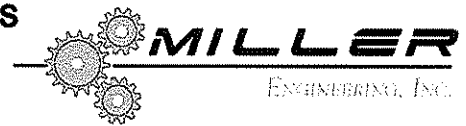
The Lodge Dining Room was originally constructed with a heating only air system. As the facility has increased in popularity and the dining room begins to fill with visitors, the temperature and humidity levels became uncomfortable and air conditioning was needed. The Park Lodge is located proximate to the Blackwater Falls, a natural wonder. MEI performed a detailed survey of the system and made recommendations to the Owner.

REFERENCE:

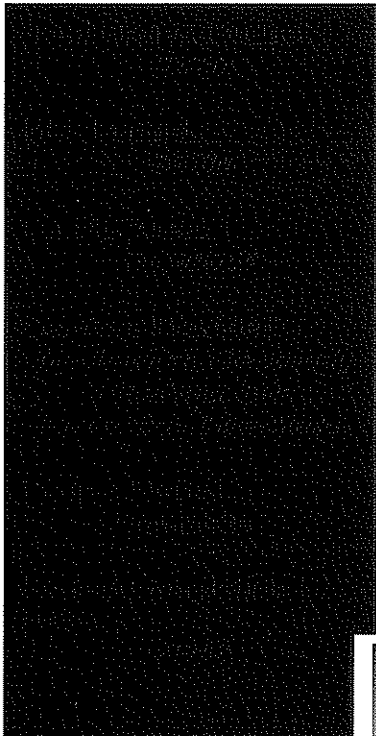
Brad Leslie PE, WV Department of Natural Resources
State Capital Complex Building #3
Charleston, WV
304-558-2775

PROJECT: MED EXPRESS NATIONAL HEADQUARTERS

OWNER: MED EXPRESS, Morgantown, WV



MEP TECHNICAL HIGHLIGHTS:



A full Mechanical, Electrical, and Plumbing (MEP) upgrade to the existing building were required to implement the project. Miller evaluated the existing system at the Owner's request and found them to be unusable for corporate offices. A full computational model of the building and its new floor plan allowed Miller to use rooftop units of varying configurations to most effectively condition the space. The 31,000 ft² facility now uses VAV (variable air volume) multi-zone, VAV single zone, and constant volume systems to condition the spaces. In addition a dedicated data center air system was designed to accommodate both the current load and future growth. The data Center also required the design of a full standby power system with generator, uninterruptible power supply, and transient voltage surge suppression.



PROJECT DESCRIPTION:

The Med Express National Headquarters Office Building is a facility re-use success story. Originally a grocery store, it was renovated into a modern, comfortable, user friendly facility which serves the needs of the client well. The facility, located in the Sabraton area of Morgantown, it has become the center piece of an area revitalization effort.

REFERENCE:

Paul Slowik AIA
PSA ARCHITECTS
Pittsburgh, PA
421-367-7777

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



MEP TECHNICAL HIGHLIGHTS:

The project was a design-build teamed effort with the Owner, Contractor, and MEI. The HVAC systems include heating and cooling except for the soccer field which is heated using an air rotation unit. The facility houses an indoor water therapy area which had unique requirements for air systems and a 48 deg F cold immersion tub. A chiller was used to accommodate the cold tub and process the rejected heat from dehumidification. The electrical system incorporates the current needs along with future owner requirements by use of a de-centralized electric distribution system. The lighting control for the soccer field required a high level of control to adjust the artificial lighting to the daytime natural light available.



Rendering Courtesy of ALPHA

PROJECT DESCRIPTION:

The 28,800 ft² facility incorporates a medical office facility with a gymnasium, sports performance area, and an indoor regulation soccer field. It is reportedly the most state of the art facility in terms of equipment, facilities and staff within a six state region.

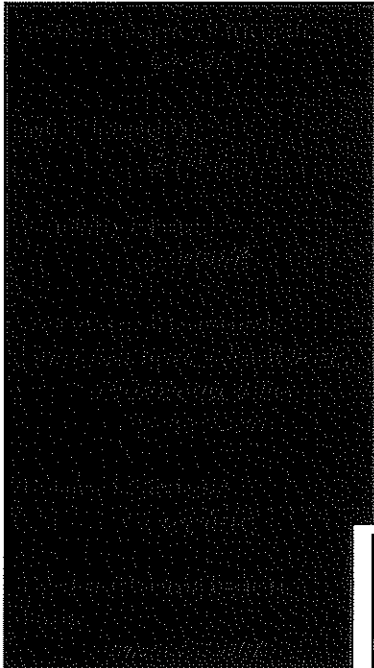
REFERENCE:

Ron Lytle, Lytle Construction
1132 Hampton Rd
Morgantown, West Virginia 26505
304-692-6380

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



MEP TECHNICAL HIGHLIGHTS:



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