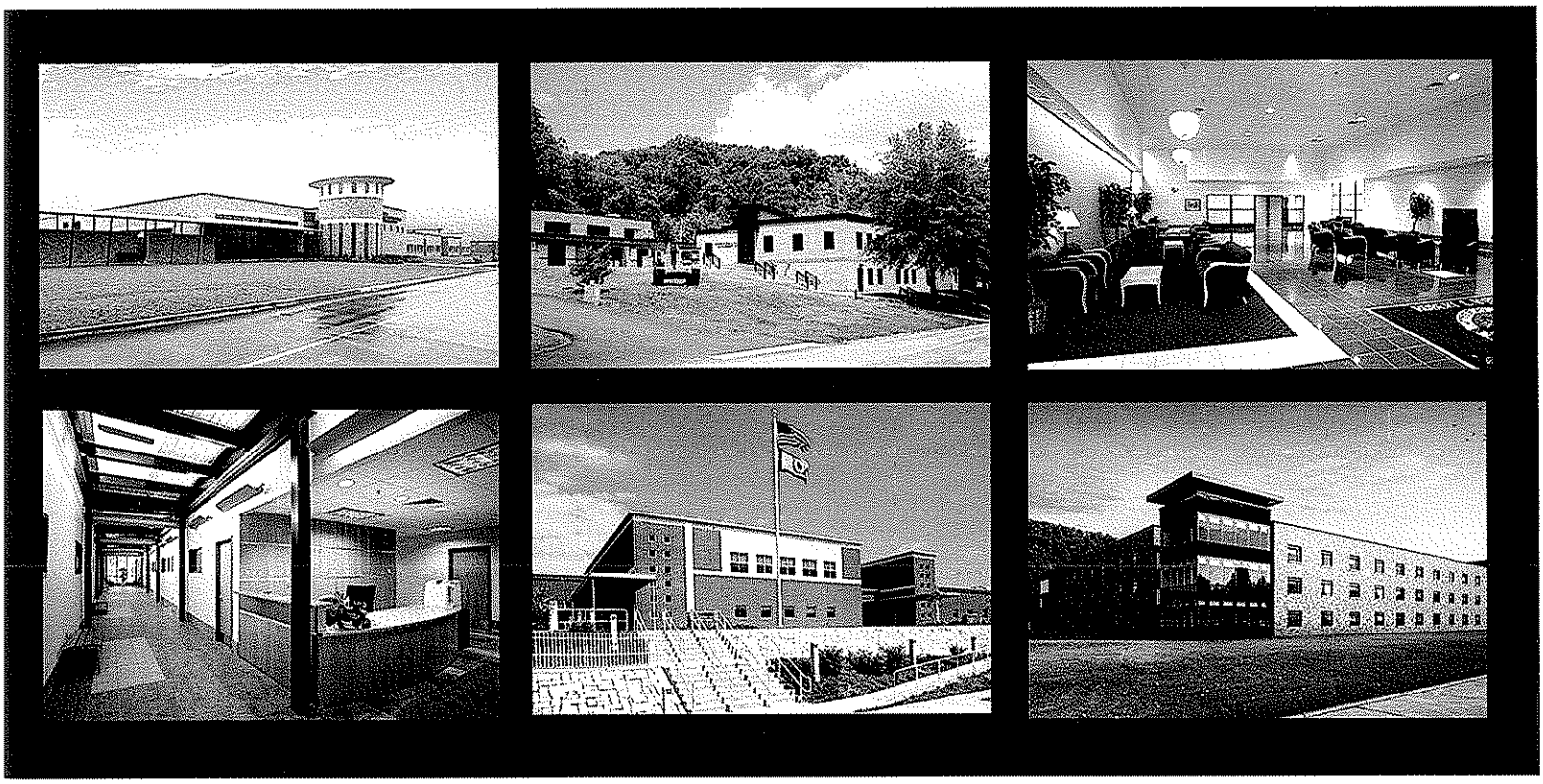
Expression of Interest:
Parkersburg Readiness Center and Field Maintenance Shop
West Virginia Army National Guard - RFQ# DEFK10013



April 13, 2010

ZMM

CEI

ZMM

ARCHITECTS & ENGINEERS

April 12, 2010

Mr. Ron Price, Buyer
Department of Administration, Purchasing Division
2019 Washington Street, East
P.O. Box 50130
Charleston, West Virginia 25305-0130

Subject: Parkersburg Readiness Center and Field Maintenance Shop
West Virginia Army National Guard
Requisition #DEFK10013

Dear Mr. Price:

ZMM is pleased to submit the attached information to demonstrate both our experience and our capability to provide professional architectural and engineering services for the Parkersburg Readiness Center and Field Maintenance Shop. Since 1959, **ZMM** has been consistently recognized as one of the largest, fully integrated, architecture and engineering firms in the State of West Virginia, and is noted for our design excellence and client focus. We are confident that our recent experience providing design services for the West Virginia Army National Guard, which includes the design of both Readiness Centers and Field Maintenance Shops, as well as our current design work for the Wood County Commission, will help to ensure the success of the project for the WVARNG.

Please note that our recent experience for the West Virginia Army National Guard includes many of the programmatic elements of the proposed facility. The Glen Jean AFRC includes a Field Maintenance Shop, the Ripley AFRC includes an expanded Drill Hall (Civic Center) that will be available for use by the Jackson County Commission, and all of our recent projects, including the Joint Interagency Training and Education Center at Camp Dawson, have been designed to meet current AT/FP requirements, as well as the requirements of LEED Silver certification by the US Green Building Council. This recent experience has given **ZMM** the opportunity to develop an understanding of the unique funding, space planning, and biding requirements of the WVARNG.

Please note that as on nearly all of our recent projects completed for the WVARNG, **ZMM** will collaborate with Capitol Engineering, Inc. for site and civil design on this project. CEI is a small, locally owned, service oriented, civil engineering firm located in Charleston. CEI has been a critical team member that has demonstrated both client responsiveness and technical excellence. Projects demonstrating **ZMM's** past collaborations with CEI are included in the attached information.

ZMM, Inc.
222 Lee Street West • Charleston, West Virginia 25302
304.342.0159 voice • 304.345.8144 fax
zmm.com

In addition to our commitment to design quality, **ZMM** is committed to sustainable design. This commitment is demonstrated through the design of six projects throughout West Virginia that are LEED registered (pursuing LEED Silver Certification), including the New Wood County Justice Center. **ZMM** also regularly participates in sustainable design and construction seminars throughout West Virginia. This participation includes orchestrating a sustainable design charrette for West Virginia University at Parkersburg for their proposed Downtown Center project.

Thank you for taking the time to review the attached brochure that outlines detailed information regarding the history, services, personnel, experience, and qualifications of **ZMM**. Additionally, please visit our website at www.zmm.com to see the full range of projects that we have designed. We look forward to meeting with you in the near future to discuss your projects in greater detail.

Respectfully submitted,

ZMM

Adam R. Krason, AIA, NCARB, LEED-AP
Vice President

ZMM, Inc.
222 Lee Street West • Charleston, West Virginia 25302
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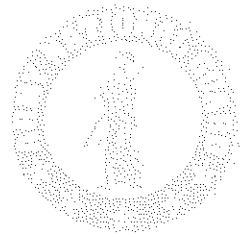
zmm.com

Parkersburg Readiness Center and Field Maintenance Shop

West Virginia Army National Guard - RFQ#DEFK10013

Table of Contents



ZMM / CEI

HISTORY AND PHILOSOPHY of ZMM

ZMM

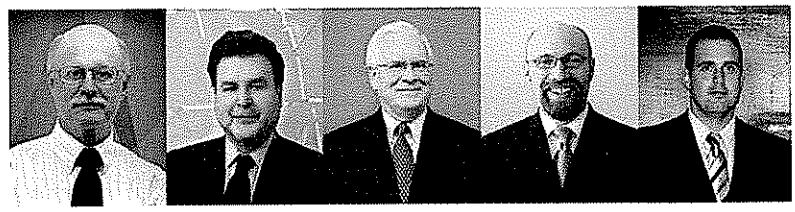
LOCATION:
222 Lee Street, West
Charleston, WV

CONTACT:
Phone 304.342.0159
Fax 304.345.8144
www.zmm.com

ZMM was founded in 1959 in Charleston, West Virginia by Ray Zando, Ken Martin, and Monty Milstead. Since the inception of the firm, ZMM has been dedicated to providing an integrated approach to building design for our clients. ZMM delivers this integrated approach by providing all building related design services, including architecture, engineering (civil, structural, mechanical, and electrical), interior design, and construction administration from our office in Charleston. Our integrated design approach makes ZMM unique among architectural firms in West Virginia, and helps to ensure the quality of our design solutions by providing more thoroughly coordinated construction documents.

ZMM has maintained a diverse portfolio since the founding of the firm. Early commissions included higher education projects for West Virginia University and Concord College, State Office Buildings 5, 6, & 7 on the State of West Virginia Capitol Campus, and armories for the West Virginia Army National Guard. Maintaining a diverse practice for more than fifty years has provided ZMM with extensive experience in a variety of building types, including: educational facilities; governmental facilities (military, justice, correctional); healthcare facilities; commercial office space; light industrial facilities; and multi-unit residential facilities.

The original partners transferred ownership of the firm to Mr. Steve Branner, AIA and Mr. Robert Doeffinger, PE in 1986. Mr. Branner and Mr. Doeffinger helped guide and expand the firm to its present size of thirty-five (35) people. More recently Mr. Rod Watkins, REFP, Mr. David Ferguson, AIA, and Mr. Adam Krason, AIA, LEED-AP joined in ownership of the firm.



Over the last decade, ZMM has become a leader in sustainable or 'green' design in West Virginia. In addition to participating in sustainable design and construction seminars throughout the State (Beckley, Fayette County, Morgantown, Charleston, and Parkersburg), ZMM designed one of the first sustainable educational facilities in West Virginia (Lincoln County High School). ZMM also employs a sustainability coordinator who assists our clients in determining appropriate sustainable design strategies for their projects. ZMM's unique design approach has proven invaluable on projects that employ sustainable design principles, which often require a more integrated approach to building design.

HISTORY AND PHILOSOPHY of ZMM

ZMM

As ZMM enters our second half-century providing professional design services in West Virginia, we remain committed to the ideal of providing high quality, client focused, design solutions that meet budget and schedule requirements. This commitment to quality has been recognized through both State and National design awards, as well as through the long-term client relationships that we have developed.

COMMUNITY SUPPORT

In addition to our design efforts, **ZMM** is supportive of institutions and organizations that contribute to the cultural and educational landscape in West Virginia.

ZMM offers financial support to several community and state-wide institutions which reflect the superior quality that we strive to achieve on each of our projects. The following organizations also impact the educational environment through their support of local artisans, performances, broadcasts, and community service:

Kanawha County Public Library

WEST VIRGINIA PUBLIC BROADCASTING

ZMM ARCHITECTS & ENGINEERS POPS SERIES

West Virginia Symphony Orchestra

ZMM

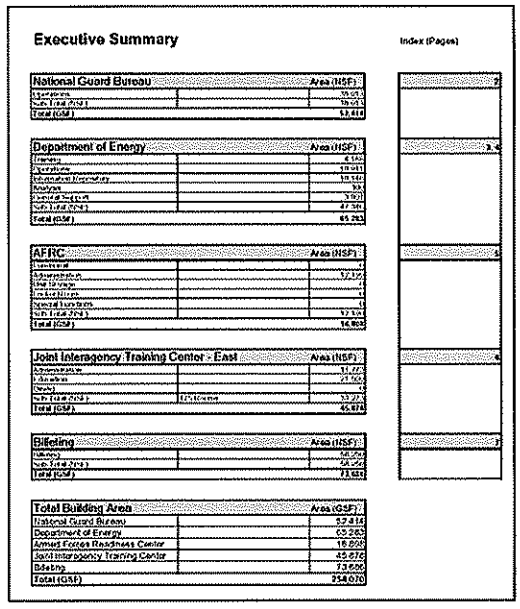
Since its inception, ZMM has been dedicated to the integrated approach to building design (providing full architectural and engineering services in-house) which is unique to architectural firms of our size. Our past successful experience demonstrates that providing multi-disciplined services within one organization results in a fully coordinated project. ZMM has the qualified professionals available to provide services throughout the duration of a project from the initial planning phases through post-occupancy evaluations and beyond.

Additionally, ZMM is constantly working to improve the services we offer by addressing emerging and evolving trends that impact the design and construction market. ZMM has eight LEED accredited Professionals on staff to address the needs of our clients who are interested in designing buildings that meet the US Green Building Council's standards. This continues ZMM's active implementation of sustainable design principles on our projects.

ZMM offers all of the following professional services within our organization:

PRE-DESIGN

Educational Facility Planning
Programming
Space Planning
Feasibility Studies
Existing Building Evaluation
Site Evaluation and Analysis
Master Planning
Construction Cost Estimating


Executive Summary

Index (Pages)

National Guard Bureau — Area (NSF)

Department of Energy — Area (NSF)

AFRC — Area (NSF)

Joint Interagency Training Center - East — Area (NSF)

Billeting — Area (NSF)

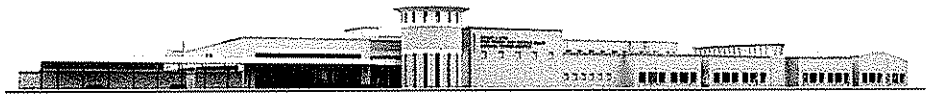
Total Building Area — Area (GSF)

PROFESSIONAL SERVICES

ZMM

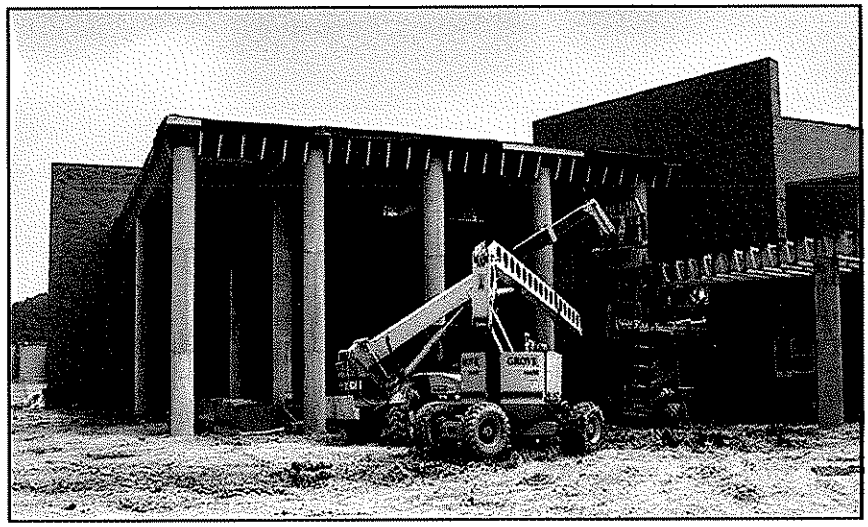
DESIGN

Architectural Design
Sustainable Design
Interior Design
Landscape Architecture
Structural Engineering
Mechanical Engineering
Electrical Engineering
Civil Engineering
Data System Design
Lighting Design
Energy Consumption Analysis



POST DESIGN

Construction Administration
Value Engineering
Life Cycle Cost Analysis
Post-Occupancy Evaluation



QUALITY ASSURANCE

ZMM

At ZMM, we strive to be the best. Our Quality Assurance Program is one step in the process of exceeding our clients' expectations. Our QA/QC Program is led by Mr. Steve Branner, AIA and Mr. Rod Watkins, REFP, both Principals of the firm, who combined bring more than 80 years of experience ensuring the quality of every ZMM project.

1. Selecting the Project Team

ZMM's diverse staff ensures that each project team is made up of highly qualified members, each dedicated to the project's success. Project team members are selected based upon relevant experience, and ability to help achieve the client's vision.

2. Identifying Project Requirements

Project team members are fully integrated in each phase of the design process, ensuring a quality project from the beginning, to take advan tage of early sustainable design decision-making. The project require ments are included in a 'Basis of Design' that each member of the pro ject team can access. The 'Basis of Design' helps guide important project decisions.

3. Identifying Client Expectations

Knowing and understanding our clients' expectations is our goal. This knowledge gives ZMM a baseline for exceeding expectations.

4. Ongoing Project Reviews

As part of the ongoing project reviews, we conduct quality assurance evaluations during each stage of the project:

- Schematic Design Phase
- Design Development Phase
- Construction Documents Phase
- Construction Administration Phase

ZMM has developed a series of QA/QC review documents that are completed during each phase, and include a programmatic review, technical review, and review of the project schedule and budget.

5. Post Project Review

At the completion of every project, ZMM staff members participate in a learning session to gain insight useful for future projects. These re views typically include participation from the owner and the contractor

6. Staff Training, Assessment and Enhancement

Ongoing staff development and training is very important to ZMM. Providing increased opportunities for learning and advancement leads to improved employee performance more successful projects.

HISTORY OF CAPITOL ENGINEERING, INC.

LOCATION:
1206 Kanawha Boulevard, East
Charleston, WV 25301

CONTACT:
Phone 304.344.0720
www.capitolengineering.com

INTRODUCTION

Capitol Engineering, Inc. (CEI) proposes to perform civil engineering and surveying services for the West Virginia National Guard to develop engineering plans and specifications for the USPFO. We have experience planning, designing, specifying, preparing contract documents, bidding and performing contract administration on many types of military facilities including Readiness Centers, Airfields, Training Areas and Ranges.

Our experience and resources give us the ability to handle both complex and routine projects.

WHY CEI?

CEI offers the highly specialized experience, attention to minute detail, and the unparalleled level of personal client support provided by a small boutique firm. We are particularly attractive because:

- Our management, engineering and professional staff has a combined total of over 120 years of experience – much of it acquired while working on military facilities.
- Staff has participation and completion of 20 National Guard projects in West Virginia.
- Management team has 30+ years and over 60 projects total specialized experience providing timely, cost effective construction documents for military facilities.
- Experience to successfully handle all design situations and problem types anticipated to occur under this contract.
- Construction and Facilities Maintenance Office satisfaction with prior work/projects performed by key staff members.

TEAM CONTRIBUTIONS

- Project Management
- Surveying and Site Investigation
- Facilities Planning and Design
- Previous WVARNG Experience
- Five Minutes to the C&FMO
- 100% CAD
- Digital Equipment
- Military Experience

HISTORY OF CAPITOL ENGINEERING, INC.

LOCATION:
1206 Kanawha Boulevard, East
Charleston, WV 25301

CONTACT:
Phone 304.344.0720
www.capitolengineering.com

WVARNG EXPERIENCE

- AASF #1 Boundary Monumentation
- AASF #1 Oil/Water Separator Modifications
- AASF #1 Wastewater Disposal Feasibility Study & Facility As-built Survey
- AASF Apron Expansion Civil Design, Construction Observation
- C&FMO Office Addition Civil Design, Construction Observation
- Camp Dawson Ranges Renovation Civil Design, Construction Observation
- Camp Dawson Runway Improvements, Construction Observation
- Child Development Center Siting Analysis
- Eleanor Rail Spur Layout & Quantity Determination
- Eleanor Utility Mapping & Boundary Monumentation
- Elkins Armed Forces Reserve Center Site Investigation, Civil Design
- Fairmont Armed Forces Reserve Center Site Investigation, Civil Design
- Fixed Wing Army Aviation Training Site Feasibility Study
- Glen Jean AFRC Site Investigation, Civil Design, Construction Observation (Site)
- Joint Interagency Training and Education Center Site Investigation, Civil Design
- Kingwood Readiness Center Site Investigation, Civil Design
- Lewisburg Readiness Center Site Investigation, Civil Design, Construction Observation (Site)
- Logan-Mingo Readiness Center Site Investigation, Civil Design
- Mountaineer Challenge Academy Site Investigation, Civil Design
- Ripley Armed Forces Reserve Center Site Investigation, Civil Design
- Summersville Readiness Center Site Investigation, Civil Design, Construction Observation (Site)

SIGNIFICANT POINTS

- Site investigation experience with undesirable/difficult sites - Glen Jean, Lewisburg, Fairmont, Elkins, Mingo/Logan Readiness Center
- Glen Jean civil design - nice use of site for both function and aesthetics - USPFO property has same potential
- AASF construction observation - worked with CFMO to maximize impact with the dollars available

HISTORY OF CAPITOL ENGINEERING, INC.

LOCATION:
1206 Kanawha Boulevard, East
Charleston, WV 25301

CONTACT:
Phone 304.344.0720
www.capitolengineering.com

Capitol Engineering is a locally owned consulting engineering firm founded in 1999. CEI has steadily grown since its inception with three employees. CEI possesses in-house services in civil, environmental and mining engineering, contract administration, and surveying and mapping. Our staff is made up of two Professional Engineers, a Professional Surveyor, Project Engineers and Scientists, CAD Operators, Technicians, and administrative personnel.

Our client base is comprised of contractors, architects, engineers, developers, private industry, and federal and state agencies. Capitol Engineering, Inc. (CEI) proposes to perform civil engineering and surveying services for the West Virginia National Guard to develop engineering plans and specifications for the Jackson County Readiness Center.

We have experience planning, designing, specifying, preparing contract documents, bidding and performing contract administration on many types of military facilities including Readiness Centers, Airfields, Training Areas and Ranges. Our experience and resources give us the ability to handle both complex and routine projects.

CEI offers the highly specialized experience, attention to minute detail, and the unparalleled level of personal client support provided by a small boutique firm. We are particularly attractive because:

- Our management, engineering and professional staff has a combined total of over 120 years of experience – much of it acquired while working on military facilities.

- Staff has participation and completion of 30 National Guard projects in West Virginia.

- Management team has 30+ years and over 50 projects total specialized experience providing timely, cost effective construction documents for military facilities.

- Experience to successfully handle all design situations and problem types anticipated to occur under this contract.

- Construction and Facilities Maintenance Office satisfaction with prior work/projects performed by key staff members.

CEI PROFESSIONAL SERVICES

CEI

A complete list of services is as follows:

Civil Engineering
Geotechnical Engineering
Project Management
Rail Siding Design
Roadway Design
Site Development & Grading Plans
Siting Studies
Slope Stability Analysis
Stormwater Systems
Wastewater Treatment System

Environmental Engineering
Environmental Due Diligence
Environmental Site Reviews
Erosion & Sedimentation Control
NPDES, GPCC, SPCC Plans
Solid Waste & Landfill Design
Stormwater Management Plans

Surveying & Mapping
Control Surveys
Floodplain Studies
GPS Surveys
Mineral Reserve Surveys
Planimetric Surveys
Quantity Determination Surveys
River & Lake Soundings
Topographic Survey

Construction Administration
Bid Analysis & Management
Construction Observation
Damage Settlement
Submittal Review

Mining Engineering
Abandoned Mine Land Reclamation
Acid Mine Drainage Passive Treatment
Geologic & Hydrologic Evaluations
Mine-Related Subsidence Investigations
Mining Permits, Modifications, & IBR's
Reclamation Liability Audits
Surface Mine Surveying & Mapping

Joint Interagency Training & Education Center

WVARNG

ZMM

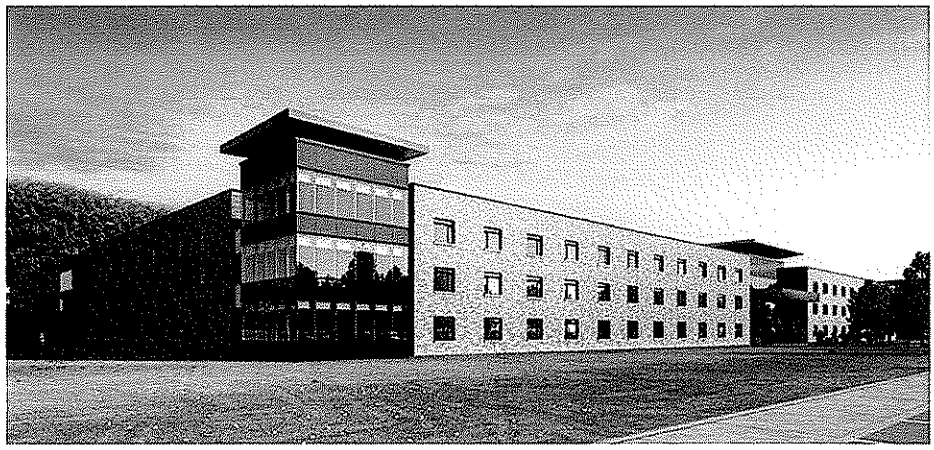
LOCATION:
Kingwood, West Virginia

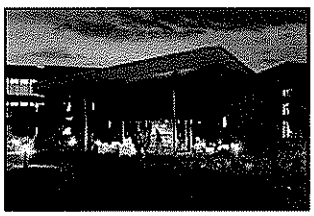
SIZE:
285,000 SF

COMPLETION:
Est. 2012

COST:
$110 Million

CONTACT:
Brigadier General Melvin L. Burch
WVARNG
1707 Coonskin Drive
Charleston, WV 25311
304.561.6450





ZMM, in association with AECOM, is providing architectural and engineering design services for the Joint Interagency Training and Education Center (JITEC), an Army National Guard campus-style facility for training and operational mission support. Sited on 30 acres at the northern end of Camp Dawson between the Cheat River and the foot of Brier Mountain, this 283,000-SF project includes the design of a new operations building; expansion of the billeting facility; renovation of the training facility; creation of a new base entry checkpoint and visitor center; and design for walkway connectors between all the facilities.

The project began with a review of the existing base master plan, followed by a revision of the master plan concept. JITEC is a training and educational facility – the vision behind the site design and updated master plan is that of a college campus atmosphere. The design intent is to create a campus environment that integrates existing buildings with new ones by using compatible, yet distinct building materials.

As the scale of the project includes several miles of roads, parking, and utility upgrades affecting the entire base, the project is being phased over a four-year construction period. Simultaneous construction of all of the new facilities, as well as phased construction in existing buildings, will minimize the disruption to current operations.

The new facilities are designed to meet all anti-terrorism/force protection criteria and are slated for LEED-NC silver certification from the U.S. Green Building Council. The new 82,000-SF operations building is prominently sited as the main focal point upon entering Camp Dawson through the secure access control point and visitor's center, also designed by AECOM. The building's exterior complements its West Virginia setting. The entire building front, composed of glass and pre-cast concrete walls, is open and inviting with glazing that reflects the surrounding trees and hills. Security requirements for the command center influenced the design of the attached, copper-clad "black box" that is an homage to the native rock stratification seen throughout the state.

The building consists of four distinct areas: the Joint Operations Center; a suite of secure training rooms; base headquarters and JITEC administrative offices; and a 6,000-SF server and telecommunications room.

Joint Interagency Training & Education Center

WVARNG

ZMM

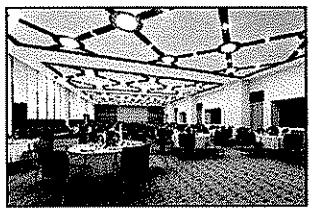
LOCATION:
Kingwood, West Virginia

SIZE:
285,000 SF

COMPLETION:
Est. 2012

COST:
$110 Million

CONTACT:
General Melvin L. Burch
WVARNG
1707 Coonskin Drive
Charleston, WV 25311
304.561.6450



Entry to the Joint Operations Center (JOC) is provided by a secure mantrap adjacent to a dedicated security office. Built to SCIF standards, the JOC contains a state of the art command center housing 48 permanent work stations in a theater -style configuration facing a large video wall, flanked by conference rooms and offices for both officers and support staff. Within the JOC is a secure area consisting of workstations, offices, and two divisible conference rooms with secure video conferencing capabilities. The secure area construction dictates a windowless environment, requiring proper lighting and creative use of materials to create an agreeable work atmosphere.

Adjacent to the JOC are three large training rooms, capable of seating 70 persons each. Lining the front of each room are LCD video walls with large, open areas for workstations, desks, and office equipment, as well as space for private offices. These rooms function primarily as training areas; however, their close proximity to the JOC allows maximum flexibility in securing the entire area from the rest of the building by means of card access-only doors.

The administrative office areas occupy a prominent position at the building's entry and consist of open office areas with workstations, private offices, conference rooms, and storage. The design of this area follows sustainable guidelines for daylighting, promoting a healthy work environment through the use of materials that comply with LEED requirements. The new 6,000-SF network server room, which serves as the base hub, occupies the second floor of the facility along with the building's engineering systems. All electrical, data and communications infrastructure is contained within raised access flooring throughout the building.

The 180,000-SF billeting (hotel) expansion more than triples the facility size and increases the total capacity from 189 guest rooms to 600 guest rooms and suites. Designed to relate to the existing architecture with similar scale, materials, textures, and massing, the addition also brings in new elements, such as iconic glazed building corner elements, to integrate the design of the new operations building. A new dedicated lobby with terrazzo tile flooring leads to a monumental stair with terrazzo treads, open risers, and a glass/stainless steel railing for access to the open lounge areas on the second and third floors.

The lobby's design provides a hotel atmosphere, underscored by the new Liberty Lounge, an upscale bar and restaurant area, with wood finishes salvaged from the gymnasium floor in the existing headquarters building. The new six "executive suites", are designed to the full amenities of corporate hotels.

Robert C. Byrd - Regional Training Institute

WVARNG

ZMM

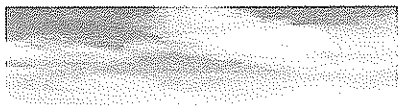
LOCATION:
Camp Dawson, West Virginia

SIZE:
148,066 SF

COMPLETION:
2002

COST:
$21 Million

CONTACT:
General Melvin L. Burch
WVARNG
1703 Coonskin Drive
Charleston, WV 25311
304.561.6450



The Robert C. Byrd Regional Training Institute at Camp Dawson is a new 148,000 SF facility designed to provide training, dormitory, dining, and recreational facilities for the West Virginia Army National Guard. The facility, which includes 183 private dormitory rooms in addition to a wide range of training spaces is designed to accommodate a variety of both military and civilian training functions.

In addition to the housing and educational components, the facility also includes dining and recreational functions, including: a full-service dining hall; a snack-bar; a fitness center; an auditorium; as well as multiple group "break-out" or study rooms.

The design employs a large cylindrical mass that marks the main entry where guests can coordinate both their housing and educational needs. The housing wing is joined to the recreational and educational components with a large gathering/transitional space that often serves as an informal meeting area. Due to the success of the project, and growing use of the facilities, **ZMM** is currently assisting the West Virginia Army National Guard as they explore potential training and dormitory expansions.

Glen Jean Armed Forces Center

WVARNG

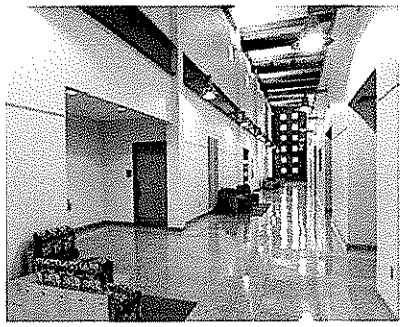
ZMM

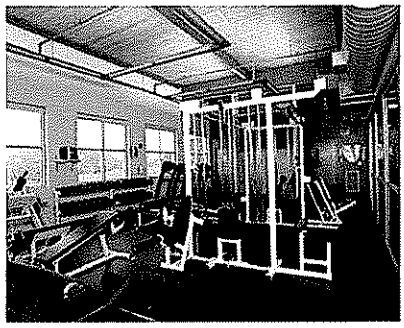
LOCATION:
Glen Jean, West Virginia

SIZE:
109,000 SF

COMPLETION:
2003

CONTACT:
General Melvin L. Burch
WVARNG
1703 Coonskin Drive
Charleston, WV 25311
304.561.6450





The Glen Jean Armed Forces Center contains three distinct military functions: a facility for routine maintenance of over-the-road and tracked military vehicles, an armory housing four West Virginia National Guard units and the Southern West Virginia Military Entrance Processing Station, where new recruits officially enter the military system.

The brick exterior walls are highlighted with limestone and metal trim accents. A large assembly hall, plus classroom and training space, enhance the ability of the armory building to provide training for military personnel, and additionally to provide space for community functions.

RIPLEY ARMED FORCES RESERVE CENTER

WVARNG

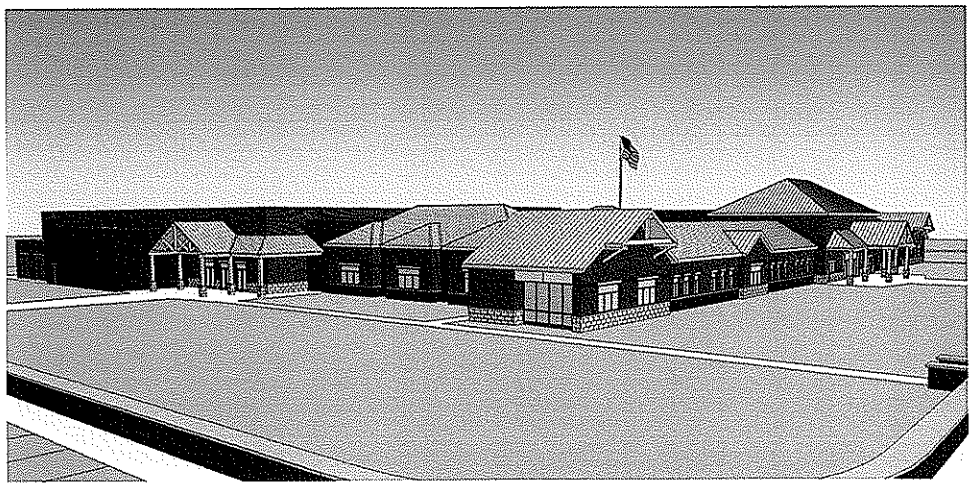
ZMM

LOCATION:
Milwood, West Virginia

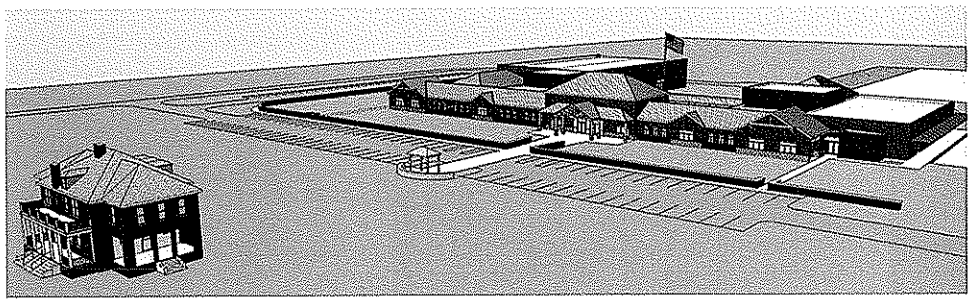
SIZE:
75,000 SF

COST:
$ 20 Million

CONTACT:
General Melvin L. Burch
WVARNG
1707 Coonskin Drive
Charleston, WV 25311
304.561.6450

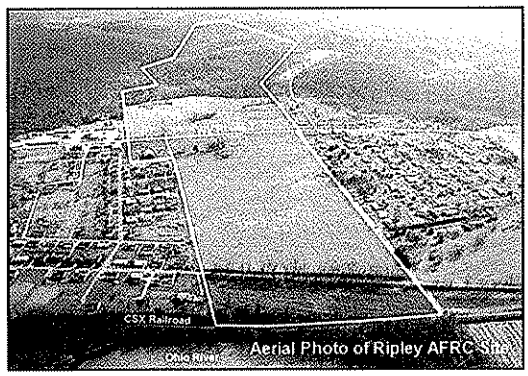


The new facility will house both the West Virginia Army National Guard (WVARNG) and the United States Army Reserves (USAR). The primary user for the WVARNG will be DET 1 821st Engineering Company, who will be supported by a FSC of the 1092nd. USAR occupants will include PLT AMMO 261 OD and PLT 1 (Postal) and PLT 6 (Postal) of the 44th Personnel Company. The facility will also included an expanded Drill Hall that can serve as a convention and meeting space, which is being funded by the Jackson County Commission, additional federal appropriations, and the State of West Virginia National Guard.



The site for the proposed facility includes a 344 acre tract of land located to the East of the Ohio River. The land is bisected by Route 2, and the new facility will occupy land between the river and Route 2, near the existing Order of the Eastern Star house.

The exterior aesthetic of the facility is strongly influenced by the existing Georgian Style Order of The Eastern Star house that will remain on the property. Due to the proximity to this existing structure, and the lack of other defining characteristics on the property,



RIPLEY ARMED FORCES RESERVE CENTER

WVARNG

ZMM

LOCATION:
Milwood, West Virginia

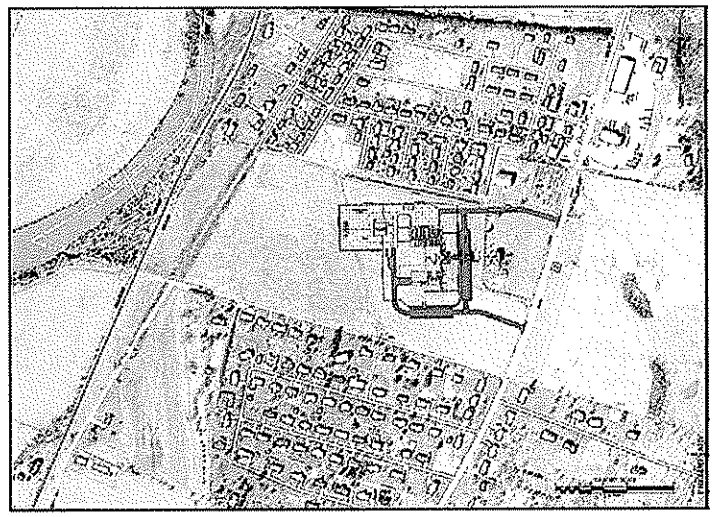
SIZE:
75,000 SF

COST:
$ 20 Million

CONTACT:
General Melvin L. Burch
WVARNG
1707 Coonskin Drive
Charleston, WV 25311
304.561.6450

The relationship between the structures became crucial to the site layout. The new facility is centered on the existing house, increasing the exposure of the facility from Route 2 - the major route of vehicular travel that parallels the Ohio River. Once the aesthetic of the building was established, the massing of the new facility was defined by "breaking-down" the facility into smaller mass elements that more closely reflected the Georgian Style, and that of many Army "posts," such as Fort Meyer in Northern Virginia. The larger programmatic elements such as the Drill Hall and the storage areas employ an aesthetic that more closely implies their function.

The layout of the facility includes a main entry with the USAR and WVARNG Recruiting, Family Support, and Administrative areas located on separate sides (USAR to the left, WVARNG to the right). A transverse wing on the left houses all functions that have the potential for public use, such as the Drill Hall and the Educational component, while all primary military spaces developed along a similar perpendicular wing on the right. This allows for separate entries to be developed for public functions, while the remainder of the facility can be secured. The layout also creates a large central courtyard or parade field that would be located at lower grade to define the edge facing the river. This edge will also be defined by a canopy that connects storage and locker areas to the expanded Drill Hall.



Construction & Facilities Management Office

WVARNG

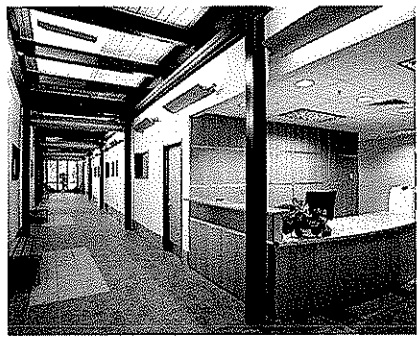
ZMM

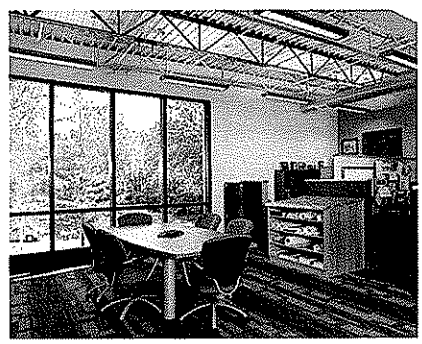
LOCATION:
Charleston, West Virginia

SIZE:
19,935 SF

COMPLETION:
2008

CONTACT:
General Melvin L. Burch
WVARNG
1707 Coonskin Drive
Charleston, WV 25311
304.561.6450





The Construction and Facilities Management Office (CFMO) Expansion project will bring all of the operations of the CFMO together under one roof. The branches that will occupy this facility include: Director of Engineering, Environmental, Planning and Programming, Facility Operations & Maintenance, Business Management, Resource Management, and Design and Construction. This new facility is located slightly to the front, and adjacent to the existing facility, lending prominence to the new construction , and providing a new aesthetic to the entire complex.

This transitional space was designed to connect the two structures, while maintaining a connection to the outside through use of natural light, direct visual connections to the exterior, large volumes, irregular geometries, and the use of 'natural' materials.

The entry design was coordinated with the Recruiting and Retention building to create an outdoor courtyard, along with new sidewalks, stairs and signage. The entry roof is sloped to provide a greater massing, while a lower canopy provides scale and protection from the elements. Large gathering and work spaces were located on the north elevation to take advantage of large expanses of glazing located to capture indirect light and views of Coonskin Park.

MORGANTOWN READINESS CENTER

WVARNG

ZMM

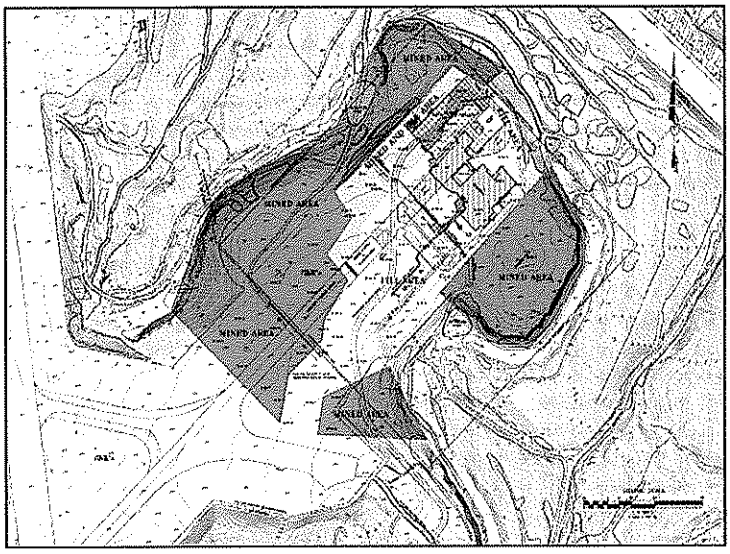
LOCATION:
Morgantown, West Virginia

SIZE:
50,000 SF

COMPLETION:
Est. March 2012

COST:
$ 20M

CONTACT:
General Melvin L. Burch
WVARNG
1707 Coonskin Drive
Charleston, WV 25311



The Morgantown Readiness Center complex consists of over 50,000 square feet of heated space, additional unheated storage and approximately 32,000 square yards of rigid and flexible paving. The new facility will occupy a 35 acre tract on a former runway at the Morgantown Municipal Airport in Monongalia County.

Capitol Engineering, Inc. (CEI) is performing all of the site investigation and site/civil design aspects of the project. Total project cost is estimated to be $20,000,000.

The project includes the following major design elements:

1. Utilities and general site features
2. Military equipment parking, vehicle wash and fueling facilities, and loading ramp
3. Access roads and civilian parking lots

The project included the following site investigation elements:

1. Preliminary engineering, planning, and field reconnaissance
2. Surveying and mapping
3. Geotechnical investigation and laboratory testing
4. Mine subsidence investigation
5. Utility and construction easements

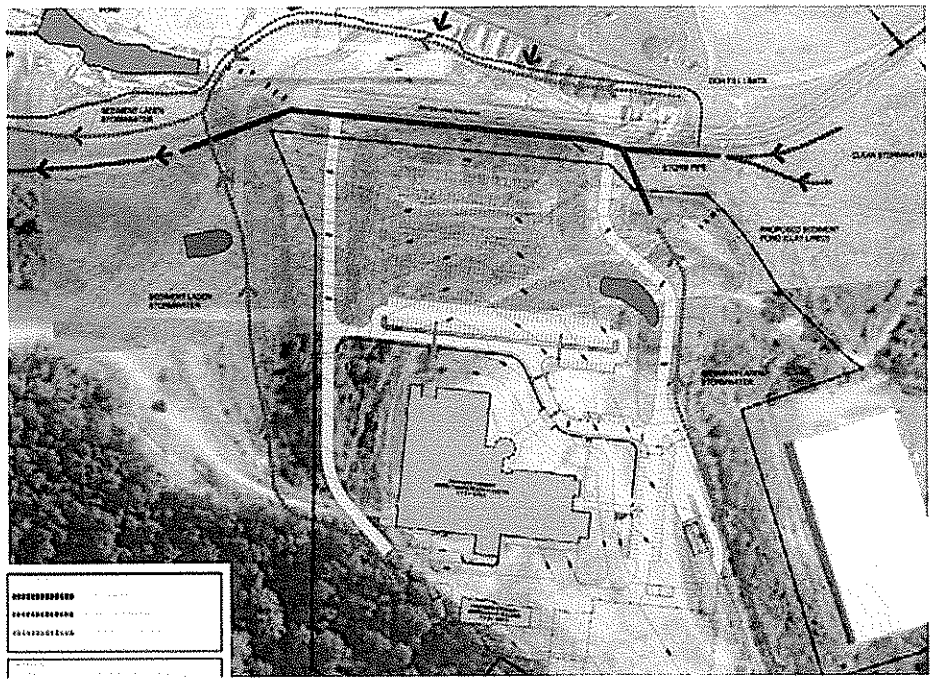
FAIRMONT ARMED FORCES RESERVE CENTER

Site and Civil Design

CEI

LOCATION:
Fairmont, West Virginia

SIZE:
70,000 SF
31,000SF Paving



The Fairmont Armed Forces Reserve Center Project includes a Readiness Center, civic arena, and a unit maintenance shop. The complex consists of over 70,000 square feet of heated space, additional unheated storage and approximately 31,000 square yards of rigid and flexible paving. The facility occupies a 35 acre tract in the proposed Suncrest Development of East Fairmont. Capitol Engineering, Inc. (CEI) performed all of the site investigation and site/civil design aspects of the project:

1. Utilities
   a. Water line extension
   b. Sanitary sewer system extension
   c. Gas line relocation
   d. Electric and telephone service
2. Access roads and vehicle facilities
   a. 14,400 SY concrete paving
   b. 27,000 SY asphalt paving
   c. Vehicle wash facility
   d. Multiple secure motor pool areas
   e. Multiple access roads and POV parking lots
3. General site features
   a. Earthwork and erosion control
   b. Storm drainage system and multiple detention facilities
   c. Security fencing/force protection measures
   d. Outdoor training area

The project included the following site investigation elements:
1. Preliminary engineering, planning, and field reconnaissance
2. Surveying and mapping
3. Preliminary subsurface investigation/constructability study
4. Geotechnical investigation and laboratory testing
5. Utility, grading, and stormwater easement acquisition assistance

ARMED FORCES RESERVE CENTER

WVARNG

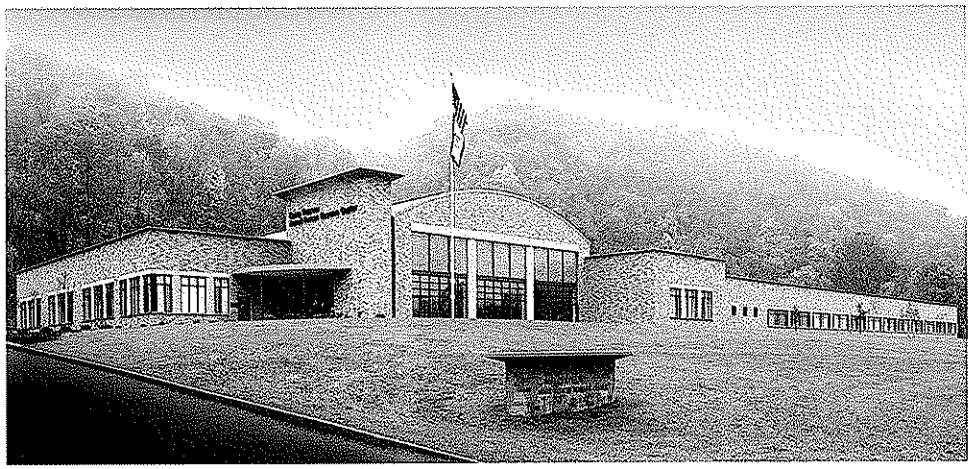
ZMM

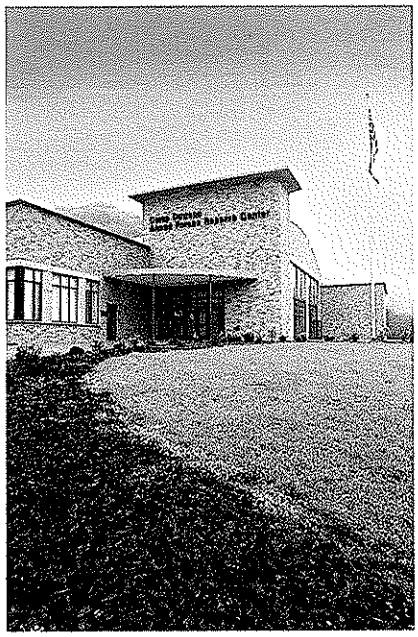
LOCATION:
Camp Dawson, West Virginia

SIZE:
56,200 SF

COMPLETION:
2000

CONTACT:
General Melvin L. Burch
WVARNG
1703 Coonskin Drive
Charleston, WV 25311
304.561.6450





The Armed Forces Reserve Center will house five National Guard and Army Reserve Units and their support personnel. Its mission is twofold: first, to maintain readiness for its attached units and second, to serve as a resource to the surrounding community.

The primary readiness mission for the center's attached units is accomplished by providing designated spaces for each unit as well as general educational and gathering spaces that can be shared among the units.

The building's community mission is to provide a gathering space for social functions, a shelter-in-place in times of natural disaster, and a community education resource with distance learning network capabilities. It also includes kitchen and dining facilities and physical fitness areas.

SUMMERSVILLE READINESS CENTER

Site and Civil Design

CEI

LOCATION:
Summersville, West Virginia

SIZE:
70,000 SF
21,000 Paving

The Summersville Readiness Center Project included a Readiness Center, a Civic Arena and Conference Center, and a unit maintenance shop. The complex consists of over 70,000 square feet of heated space, additional unheated storage and approximately 21,000 square yards of rigid and flexible paving. The facility occupies a 35-acre tract behind the Northside Center in Summersville, Nicholas County. Capitol Engineering, Inc. (CEI) was selected to perform all aspects of the site investigation. Capitol Engineering, Inc. (CEI) performed all of the site investigation and site/civil design aspects of the project.

The project includes the following major design elements:

1. Utilities
    a. Water line extension
    b. Sanitary sewer system
    c. Existing gas line relocation
    d. Gas, electric, telephone and cable television service
2. Access roads and vehicle facilities
    a. 11,000 SY Concrete paving
    b. 10,000 SY Asphalt paving
    c. Vehicle wash facility
    d. Fuel storage and dispensing system
    e. Multiple secure motor pool areas
    f. Multiple POV parking lots
    g. Multiple access roads
3. General site features
    a. Earthwork and erosion control
    b. Storm drainage system and detention facility
    c. Security fencing/Force protection measures
    d. Outdoor training area

The project included the following site investigation elements:

1. Preliminary engineering, planning, and field reconnaissance
2. Surveying and mapping
3. Geotechnical investigation and laboratory testing
4. Easement and right-of-way acquisition

LOGAN - MINGO READINESS CENTER

WVARNG

ZMM

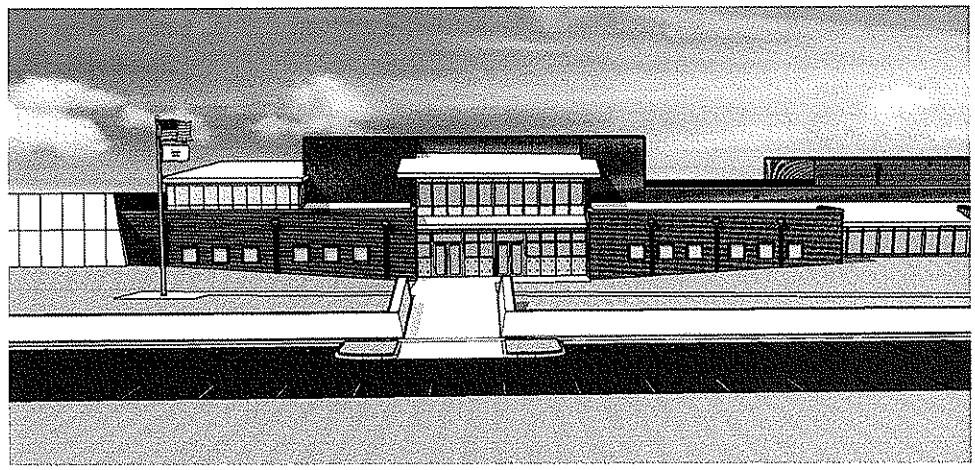
LOCATION:
Logan, West Virginia

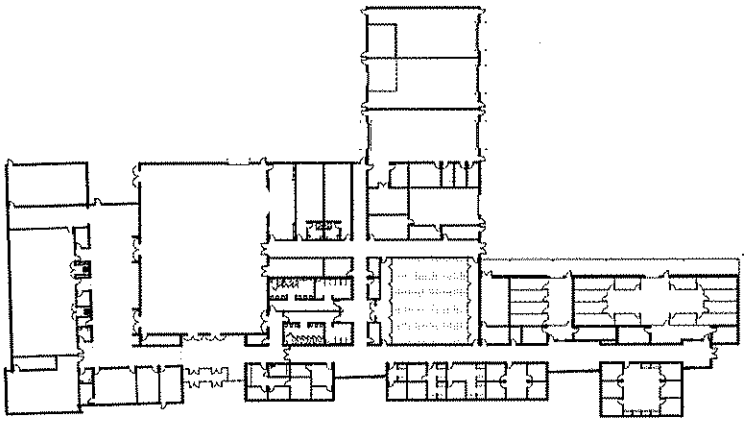
SIZE:
54,000 SF

COMPLETION:
Est.

COST:
$12 Million

CONTACT:
General Melvin L. Burch
WVARNG
1707 Coonskin Drive
Charleston, WV 25311
304.561.6450





The design of the Logan-Mingo Readiness center was developed by examining both the program and building site, and developing strategies to design a facility that is functional, responds to site, security, and aesthetic parameters, while requiring minimal maintenance.

The building layout was developed by working closely with the end-users to determine the appropriate configuration of building spaces to maximize the efficiency of the operations, and to respond to the unique missions of the 150th Armored Reconnaissance Squadron and the 156th Military Police (LNO) Detachment. Clear separation of "public" and "private" areas within the facility, unique office configurations related to training requirements, and the addition of State Funded additional spaces.

The exterior (and in many cases the interior) aesthetic of the facility was driven by the location of the Readiness Center within an industrial park on a reclaimed surface mined site. The decision led to the use of reinforced cast-in-place retaining walls that became both a functional and visual focus. Similar pre-cast walls are used to anchor the facility at the Distance Learning Center, while a cast-in-place retaining wall serves as a part of the Anti-Terrorism/Force Protection design.

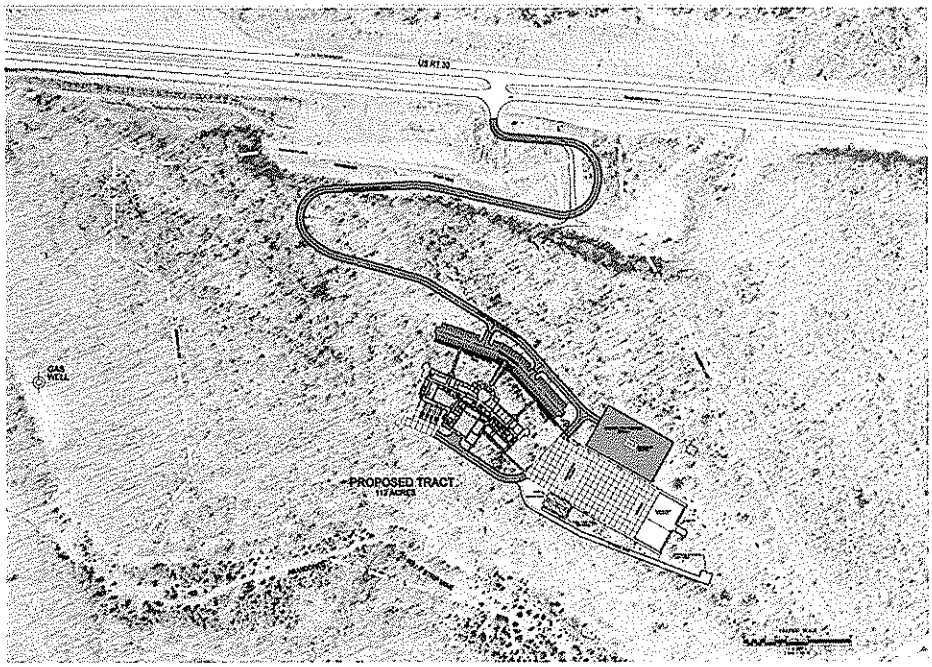
ELKINS ARMED FORCES RESERVE CENTER

Site and Civil Design

CEI

LOCATION:
Princeton, West Virginia

SIZE:
65,000 SF
22,000 Paving



The Elkins Armed Forces Reserve Center Project includes a Readiness Center, expanded drill hall, and a unit maintenance shop. The complex consists of over 65,000 square feet of heated space, additional unheated storage and approximately 22,000 square yards of rigid and flexible paving. The facility occupies a 112-acre tract between US Route 33 and the Tygart Valley River approximately five miles west of Elkins, Randolph County. Capitol Engineering, Inc. (CEI) was selected to perform all aspects of the site investigation. Capitol Engineering, Inc. (CEI) performed all of the site investigation and site/civil design aspects of the project:

1. Utilities
    a. Water line extension
    b. Sanitary sewer system, pump station, force main
2. Access roads and vehicle facilities
    a. 8,800 SY Concrete paving
    b. 14,000 SY Asphalt paving
    c. Vehicle wash facility
    d. Multiple secure motor pool areas
    e. Multiple POV parking lots
3. General site features
    a. Earthwork and erosion control
    b. Storm drainage system and detention facility
    c. Security fencing/Force protection measures
    d. Outdoor training area

The project included the following site investigation elements:

1. Preliminary engineering, planning, and field reconnaissance
2. Surveying and mapping
3. Geotechnical investigation and laboratory testing
4. Easement and right-of-way acquisition assistance

Wood County Justice Center

ZMM

LOCATION:
Parkersburg, West Virginia

SIZE:
32,000 SF

COMPLETION:
TBD

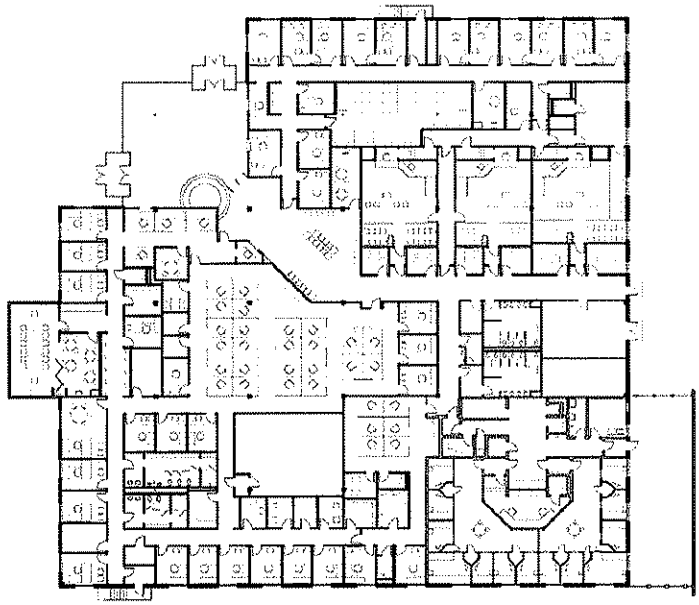
CONTACT:
Mr. Rick Modesitt
Commissioner
No. 1 Court Square, Suite 203
Parkersburg WV 26101
304.424.1984

This project was an extensive renovation of a 15 year old, 32,000 square foot, single story office building purchased by the Wood County Commission in order to bring together 3 government functions that were housed in 3 separate buildings.

The program consists of offices for the county's Magistrate Court system, 3 court rooms, and offices for the Sheriff's Department, Home Confinement officers as well as a 12-hour Inmate Holding Center.

The building's main entrance was relocated and redesigned to provide a new, more prominent identity to the building and to align with the new parking area created by the demolition of the existing magistrate court building.

Skylights were located in open office areas and public waiting areas to provide more natural light inside the building and reduce electricity use.



The project was designed around the U.S. Green Building Council's New Construction and Major Renovation Guidelines with a target of becoming LEED Certified.

Judge Black Courthouse Annex

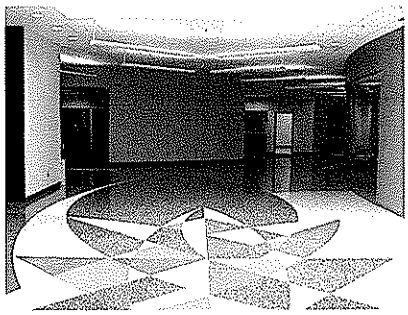
ZMM

LOCATION:
Parkersburg, West Virginia

SIZE:
36,828 SF

COMPLETION:
2005

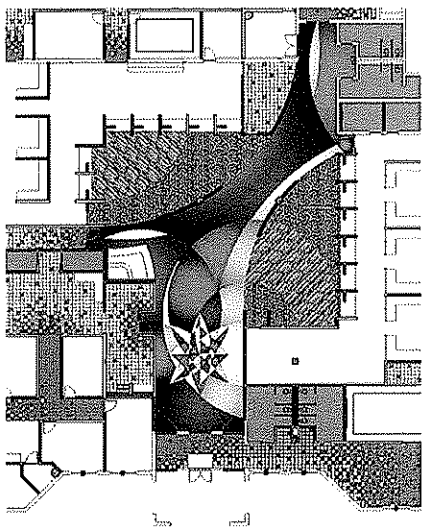
CONTACT:
Mr. Rick Modesitt
Commissioner
No. 1 Court Square, Suite 203
Parkersburg WV 26101
304.424.1984



This project involved renovating an existing food service area in the WV Capitol Building. The new renovations include a full service kitchen, self serve area and seating for 300 people. ZMM worked with a kitchen consultant and provided demolition drawings, base architectural, mechanical and electrical drawings.

The project included design of the first phase of a wet pipe sprinkler system that will serve the entire Capitol. In addition, ZMM also provided the documents to replace the Capitol medium voltage transformers located in the basement vault.

ZMM met stringent timeline for a critical construction completion date.



Downtown Center (W.T. Grant Building)

West Virginia University at Parkersburg

ZMM

LOCATION:
Parkersburg, WV

COMPLETION:
2009

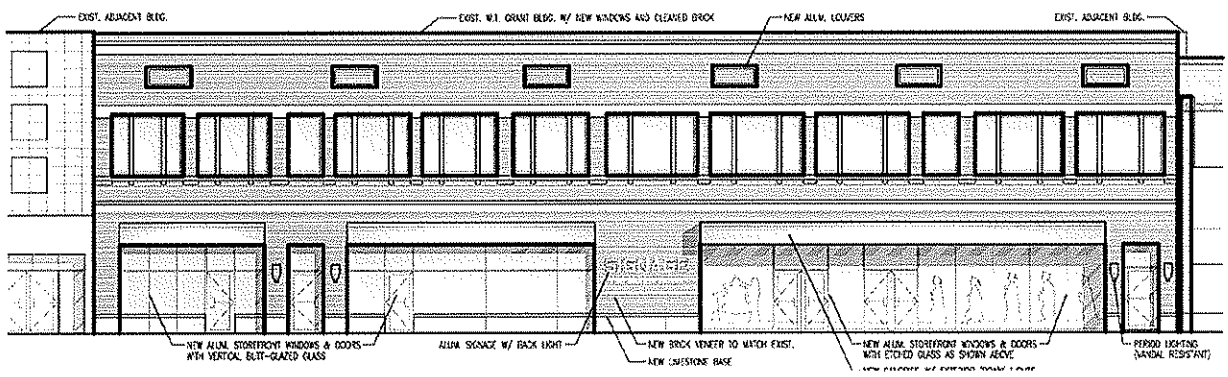
COST:
$400,000

CONTACT:
Dr. Marie Gnage
President
West Virginia University
at Parkersburg
300 Campus Drive
Parkersburg, WV 26104
304.424.8000

West Virginia University at Parkersburg (WVU-P) is in the process of renovating the former WT Grant Building located on Market Street in downtown Parkersburg to serve as a new Downtown Center for WVU-P. Ultimately, the Grant Building will be renovated as a multi-use facility/center with education as the foundation for all activity. The facility will include flexible educational space, specialized space for culinary arts, classrooms/training rooms, seminar/small meeting spaces, community rooms, and temporary office space.

ZMM provided preliminary design services and a construction cost estimate for improvements to the building façade. Services included the development of as-built drawings, conceptual elevations, renderings, and modeling. ZMM worked closely with West Virginia University at Parkersburg to ensure that the design reflected a contemporary and unified aesthetic, while also responding to the existing urban fabric.

In addition to the façade design services, ZMM, in conjunction with the West Virginia DEP, conducted a sustainable design charrette at the facility to develop strategies for implementing sustainable design principles into the renovation of the former WT Grant Building. Mr. Krason and Ms. Watkins facilitated the charrette, and following the charrette provided a list of potential sustainable design strategies to WVU-P.



State Office Building #5, 10th Floor

Office of Technology

ZMM

LOCATION:
Charleston, WV

SIZE:
22,000SF

COST:
$3.7M

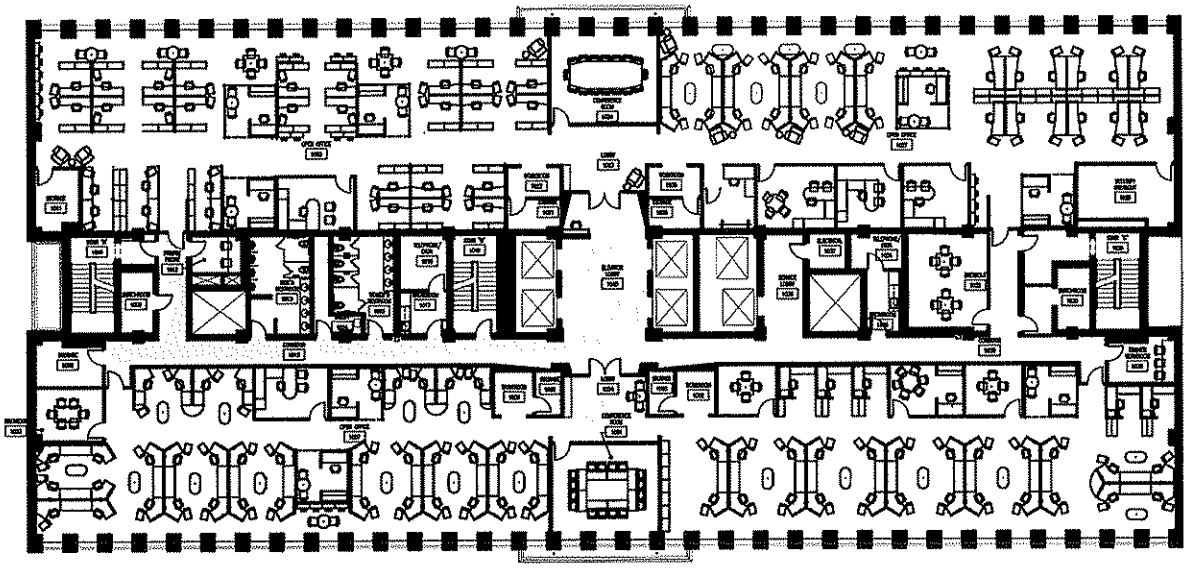
COMPLETION:
2010

CONTACTS:
Mr. David Oliverio
Director
General Services Division
1900 Kanawha Blvd. E
Charleston, WV 25305
304.558.3517

Mr. Chuck Lawrence
Director
Department of Administration
Real Estate Division
1409 Greenbrier Street
Charleston, WV 25311
304.558.4331

The renovation of the tenth floor of State Office Building #5 on the State of West Virginia Capitol Campus was recently completed for the Office of Technology. The renovation was designed to meet the United States Green Building Council's LEED for Commercial Interiors standard. To commence the project, ZMM conducted a detailed investigation of State Office Buildings 5, 6, & 7, which included recommendations for improvement of the facilities. The renovation of the 10th floor of Building #5 was the first major interior renovation project that responded to the recommendations. The renovation was technically intensive, and included demolition of the existing construction back to the building structure, as well as significant hazardous material abatement.

ZMM, working with the State of West Virginia General Services Division, the Real Estate Division, and the Office of Technology developed a strategy to renovate 22,000 SF of space to accommodate 137 employees. The design includes a mix of private and open office space, and responds to current workplace trends. The renovations include a low profile cable management system which maximizes the flexibility of the space. ZMM also developed the interior, furniture, fixture, and equipment design with significant coordination with the Office of Technology.



State Office Building #5, 10th Floor

Office of Technology

ZMM

LOCATION:
Charleston, WV

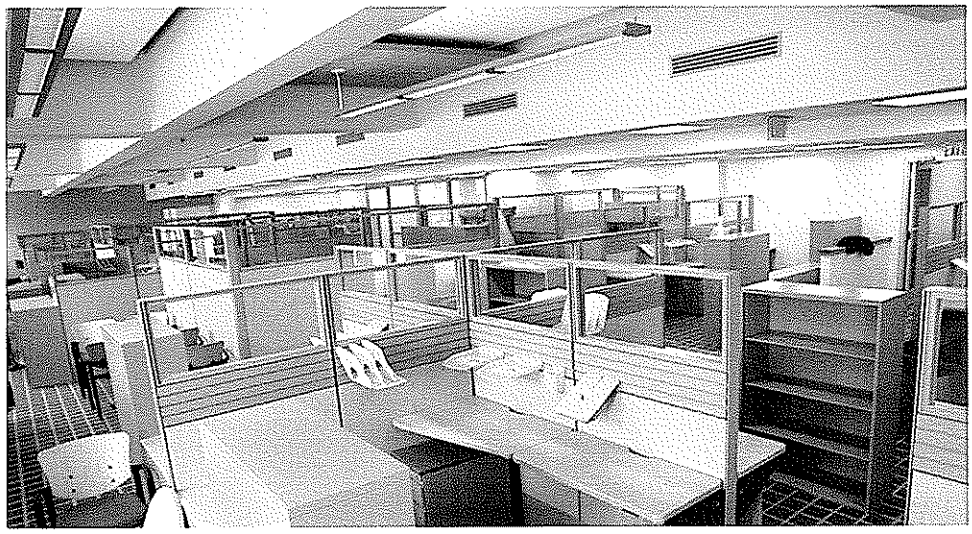
SIZE:
22,000SF

COST:
$3.7M

COMPLETION:
2010

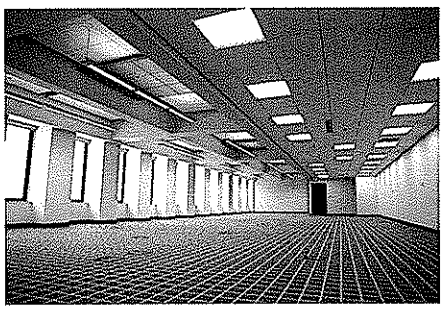
CONTACTS:
Mr. David Oliverio
Director
General Services Division
1900 Kanawha Blvd. E
Charleston, WV 25305
304.558.3517

Mr. Chuck Lawrence
Director
Department of Administration
Real Estate Division
1409 Greenbrier Street
Charleston, WV 25311
304.558.4331



To improve the opportunity for daylighting, office spaces have been "pulled-in" to the core of the building. This decision will allow for daylight to be introduced deep into the interior work areas, and will allow access to the daylight and views for all employees. The perimeter structural bays of the open office areas have a "coffered" ceiling. Ductwork for mechanical distribution is terminated at a bulkhead at the interior edge of the perimeter structural bay, allowing for more open volume and a more contemporary aesthetic.

The design of the 10th floor renovation also provided the opportunity to introduce a standard "transverse" core will be developed throughout State Office Buildings 5 & 6. The transverse core includes all of the major entry, meeting, and workroom functions. In addition to the office areas, the elevator lobby has been updated to create



Erma Byrd Center

Public Higher Education Center

ZMM

LOCATION:
Beaver, West Virginia

SIZE:
33,000 SF

COMPLETION:
August 2007

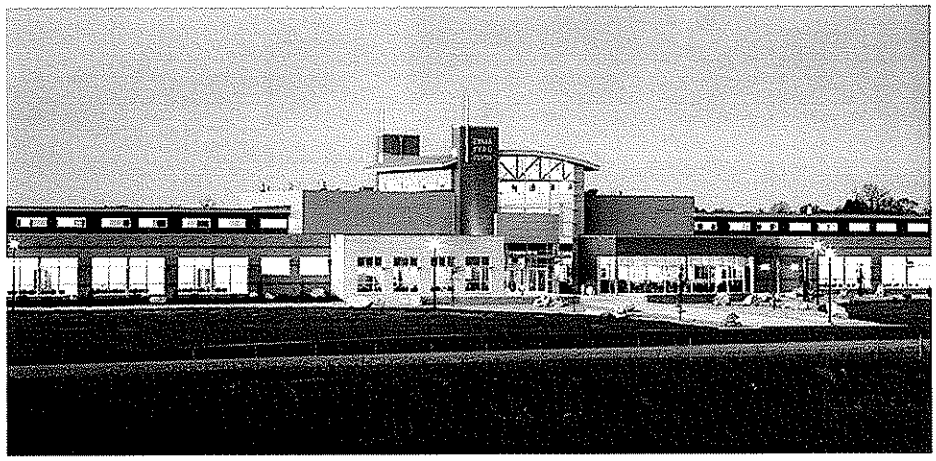
COST:
$7.5 Million

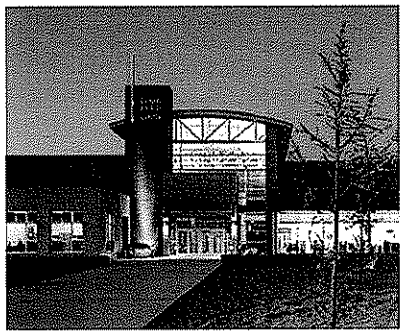
CONTACT:
Thomas S. Acker S.J.
Executive Director
200 Main Street
Beaver, WV 25801
304.929.2010

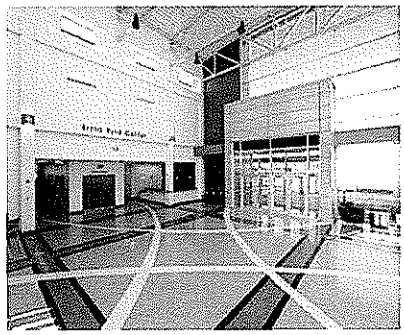
AWARDS:

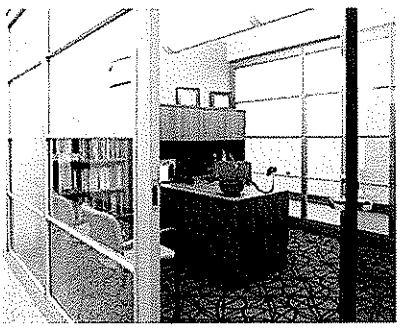
2008 AIA Honor Award
West Virginia Chapter
Excellence in Architecture

American School & University
Outstanding Building Design









The Erma Byrd Center for Public Higher Education is the first building of its kind in the state. The 33,000 square foot center provides students the convenience of taking a variety of college classes offered by six different college and universities in a single location.

The new facility consists of standard classrooms, distance learning classrooms, a science lab, computer classrooms, a lecture hall, a multi-media library along with administrative office space for each college and university. Through technology, the building itself becomes an educational tool. Students are able to monitor the HVAC system and it's controls through web-based software thereby learning how the system works and how the climate and building design affect performance.

A wind turbine and solar panels on site assist in reducing the overall utility costs and allow students to see first-hand the benefits of alternative energy sources.

This Higher Education facility sets a new standard for the learning environment and energy efficiency. The building is designed to maximize use of natural light and has sensors throughout that control the artificial light level by measuring the amount of light present in the space.

The high-tech facility is the first building on what will become a campus for public higher education. It's placement at the front of the site allows the building to serve as a beacon of what is to come.

Lincoln County High School

Lincoln County Schools

ZMM

LOCATION:
Hamlin, West Virginia

SIZE:
216,500 SF

COMPLETION:
August 2006

COST:
$32 Million

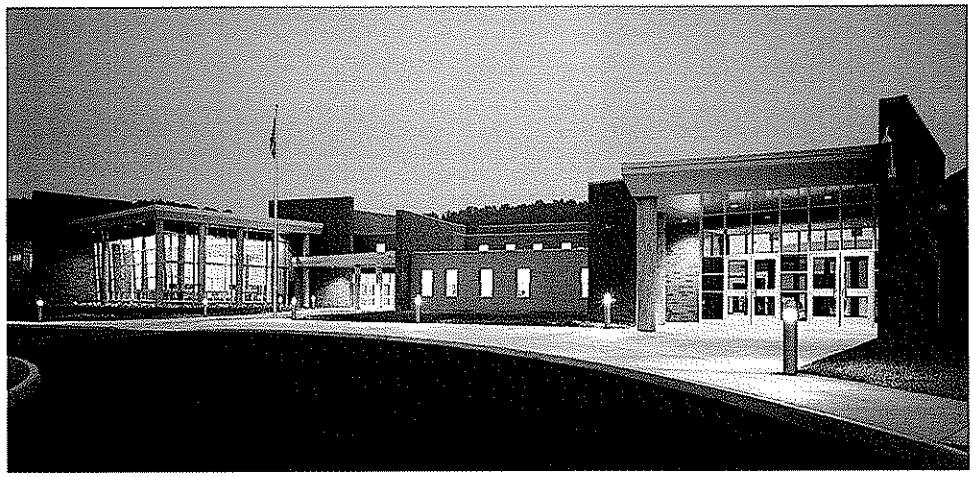
CONTACT:
Mr. David Roach
Superintendent
10 Marland Avenue
Hamlin, WV 25523
304.824.3033

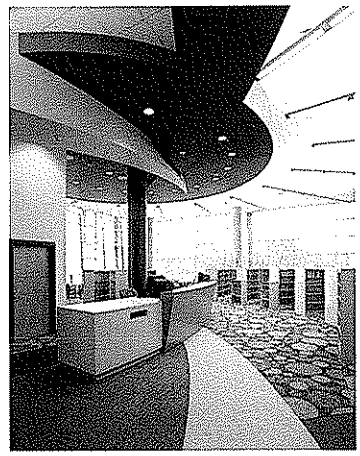
AWARDS:

2007 AIA Honor Award
West Virginia Chapter
Excellence in Architecture

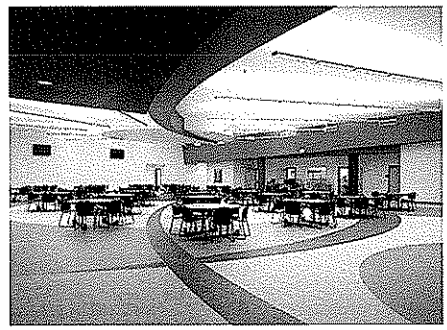
Education Design Showcase
Project of Distinction award

American School & University
Outstanding Building Design





The new Lincoln County High School combines four existing high schools into one school. To formulate a more "comprehensive" approach to this project, the local school system decided to add the vocational school programs. This allows the students the opportunity to access the vocational classes without leaving the building. Along with the new vocational classrooms, some additional programs were added as well. The Health Occupations Lab will operate in conjunction with the Doctor's Office Clinic on site. Students enrolled within that program will have the opportunity to do "job shadowing" within the clinic setting. The Clinic will operate six days a week and twelve months out of the year.



In keeping with the new high school becoming the focal point of the community a community college wing was added to the facility. Southern West Virginia Community College will offer classes during the day and evening. Students will have the opportunity to take college classes during the day. The community college Distance Learning facility along with the Science and Computer Lab will also be accessible to the high school students for daytime classes.

The building provides a unique learning opportunity for the students. Daylighting along with automatic lighting controls provide state of the art technology for students to see how sustainable design, energy conservation ,and technology work together. This facility is one of the first educational buildings in the state of West Virginia to include sustainable building design features. A fully integrated computer technology system is provided throughout the building. Students as well as faculty have access to computers throughout the facility in every type of classroom.

St. Albans High School

Kanawha County Schools

ZMM

LOCATION:
St. Albans, West Virginia

SIZE:
216,500 SF

COMPLETION:
2003

COST:
$24 Million

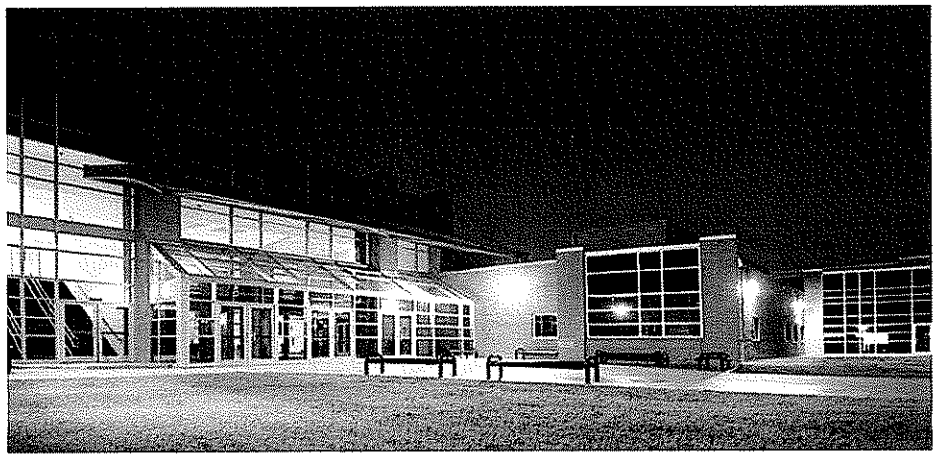
CONTACT:
Dr. Ron Duerring
Superintendent
200 Elizabeth Street
Charleston, WV 25523
304.348.7732

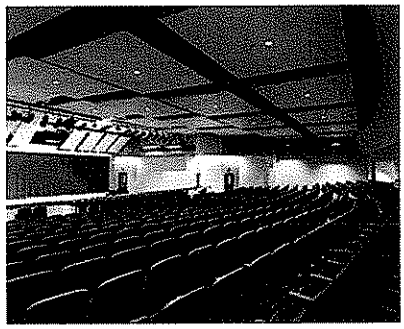
AWARDS:

Impact on Learning Award
Effective Transformation

Education Design Showcase
Outstanding Building Design

American School & University
Outstanding Building Design





The renovation and additions to St. Albans High School included the razing of about 40% of the existing structure and the construction of 124,000 SF of new construction. The completed facility will house 1050 students, grades 9 thru 12.

The new facility includes a distance learning center with duplex teleconferencing, and a state of the art media center with technology distribution throughout the entire facility.

It also includes complete food service facilities and a commons/dining area, which serves as the focal point for access to the gymnasiums and auditorium.

SOUTHSIDE ELEMENTARY/HUNTINGTON MIDDLE SCHOOL

Cabell County Schools

ZMM

LOCATION:
Huntington, West Virginia

SIZE:
158,194 SF

COMPLETION:
Est. 2010

COST:
$27 Million

CONTACT:
Mr. William Smith
Superintendent
2850 5th Avenue
Huntington, WV 25702
304.824.3033

The two schools that previously occupied the site of the New Southside Elementary School and Huntington Middle School were known as Cammack Elementary School and Cammack Middle School. The new facility will house a combined 1,014 Elementary and Middle School students. When the Cabell County Board of Education proposed a $61M bond issue in 2006, the Huntington community expressed the importance of saving this neighborhood landmark.

The new facilities were designed to blend with the architectural character of the existing facility. More than 70% of the existing building was demolished and the existing building that remained was completely renovated and remains the focus of the community. Two new stair towers provide a vertical architectural element that separates the existing structure from the new construction. The result is a cohesive design that blends the unique elements of the former Cammack School into a modern educational complex that exceeds the requirements of 21st century learning.

Although the expanded facility houses both an elementary and a middle school, each have their own distinct entrance and administrative complex, the students remain physically separated on opposite sides of the facility. This was a key component for community support. The new schools will only share a kitchen, which has been located to serve separate dining facilities, to improve the efficiency of operation.

With the community's support of the bond, ZMM has designed a facility that maintains the historic character of the façade and auditorium, while replacing the remainder of the facility. The community has maintained a landmark, while developing new state of the art elementary and middle schools.

ADAM R. KRASON

AIA, NCARB, LEED AP

ZMM

Position

Project Architect, Principal

Education

Bachelor of Architecture; The Catholic University of America, Washington, D.C.; 1998
B.S., Civil Engineering; The Catholic University of America, Washington, D.C.; 1998

Employment History

2008 - Present, Vice President
2003 - 2008, Project Architect
1998 - 2003, Project Architect, Charleston Area Architectural Firm
1998, Consultant, Anderson Consulting

Professional Credentials

Registered Architect: West Virginia and Ohio
LEED Accredited Professional
Construction Specifications Institute – CDT
Member of American Institute of Architect
NCARB Certification

Civic Affiliations

West Virginia Vision Shared-Sustainable Economic Development Team
West Side Main Street Design Committee, Charleston, West Virginia
West Virginia Qualifications Based Selection Council
Development Council, St. Agnes School, Charleston, West Virginia

Professional Experience

Mr. Krason's experience includes all aspects of the design and production of small and large projects with an emphasis on Military, Public, Government Facilities, Educational Facilities and Industrial Facilities. Mr. Krason also serves on ZMM's Board of Directors.

Specific project responsibilities: building programming, code compliance review, assistance with the preparation of architectural specifications, project budgeting and scheduling, schematic design compliance with project requirements, and the general overview of each project to ensure client expectations.

Project Experience

Joint Interagency Training and Educational Center (JITEC)
State of West Virginia Division of Juvenile Services
State Office Building 5, 6, & 7 Analysis, 10th Floor Renovation
West Virginia Army National Guard - CFMO Expansion Project
West Virginia Army National Guard - Logan Readiness Center
West Virginia Army National Guard - Morgantown Readiness Center
West Virginia Army National Guard - Ripley AFRC
Judge Donald F. Black Courthouse Annex

Robert M. Fuller
PE

Position
Principal, Capitol Engineering, Inc.

Education
M.S., Engineering, Marshall University Graduate College, 1997
B.S., Engineering Technology, West Virginia Institute of Technology, 1989

Employment History
2000 - Present, Capitol Engineering Inc., Charleston WV

Professional Credentials
Society of American Military Engineers
American Society of Civil Engineers
American Institute of Architects
Construction Specifications Institute

Professional Experience
Project Manager with fifteen (15) years of experience with site investigation, planning, design and contract administration services on military, site development and mine reclamation projects. Mr. Fuller has been fully responsible technically, managerially and administratively for the planning, investigation, design and contract document preparation for over fifty (50) projects in the State of West Virginia.

Mr. Fuller has served as Associate Professor of Civil Engineering Technology at West Virginia University Institute of Technology on a full-time, part-time and adjunct basis.

Project Experience
Mr. Fuller was principal or project manager for the following West Virginia Army National Guard Projects completed by Capitol Engineering, Inc.

Logan County Feasibility Study
Ripley Armed Forces Reserve Center
Elkins Armed Forces Reserve Center
Fairmont Armed Forces Reserve Center
Morgantown Readiness Center
Summersville Readiness Center
Kingwood Readiness Center
Glen Jean Armed Forces Reserve Center
Mingo-Logan Sitting Study
Camp Dawson Runway Extension
Camp Dawson Fuel Canopies
Williamson Armory Wash Pad and Military Parking

STEVEN BRANNER

AIA

ZMM

Position

Principal
Corporate Management
Architectural Programming
Architectural Design and Production

Education

B.S., Architecture; University of Cincinnati, Cincinnati, Ohio; 1967

Employment History

1967-1973, Project Architect; ZMM
1973-1982, Director of Architecture; ZMM
1982-present, President; ZMM

Professional Credentials

Registered Architect (WV, VA, OH, KY, FL, NY, CA)
NCARB Certification
Professional Member; American Institute of Architects (WV)
President, 1977 & 1978

Civic Affiliations

Member; South Charleston Rotary Club
Past member and Chairman, WV Archives & History Commission

Professional Experience

Mr. Branner has been employed with ZMM since 1967. His experience includes all aspects of the management, design, and production of small projects to those exceeding $100M with an emphasis on Military / Public / Governmental Facilities, Correctional Facilities, and Industrial Facilities.

Mr. Branner also maintains an active role in each project in which he is the principal-in-Charge from it's inception through construction completion. Specific project responsibilities include contract negotiation, building programming, project budgeting, and scheduling, schematic design compliance with project requirements, cost estimating, quality control, and the general overview of each project to insure that client expectations are met.

Major clients overseen by Steve include:
West Virginia Regional Jail & Correctional Facility Authority
West Virginia Army National Guard
Dow Chemical Company
NGK Spark Plug Company
Cecil I. Walker Machinery Company
West Virginia General Services Division
Kanawha County Public Library
Charleston Area Medical Center (CAMC)
Highland Hospital

ROBERT C. DOEFFINGER
PE

ZMM

Position
Principal, Engineering Project Manager
Corporate Management, Project Management and Coordination, Engineering Programming and Design

Education
B.S., Mechanical Engineering; West Virginia University, Morgantown, West Virginia; 1973
M.S., Architectural Engineering; Pennsylvania State University, University Park, Pennsylvania; 1976

Employment History
1982-present, Vice-President, Secretary and Treasurer; ZMM
1977-1982, Director of Engineering; ZMM
1976-1977, Mechanical and Architectural Engineer; ZMM

Professional Credentials
National Council of Examiners for Engineering and Surveying (NCEES) Registered Engineer (WV, TN, FL, PA, VA, NC, SC, ME, OH, NH, NY, KY)
Member; ASHRAE - Chairman, Technical Committee 4.1 - HVAC Load Calculations

Civic Affiliations
Councilman; City of Point Pleasant, WV
Director; Mason County Development Authority
Director; Point Pleasant River Museum
Member; West Virginia Institute of Technology Electrical Engineers Technical Advisory Committee

Professional Experience
Mr. Doeffinger is Principal-in-Charge of Engineering. It is his responsibility to ensure that the mechanical and electrical engineering components of ZMM's design are coordinated and integrated into the final product.

Mr. Doeffinger is responsible for new design and retrofit of chilled water systems for all building types including large regional shopping malls. He is involved daily with the firm's selection of appropriate systems for all building types and performs life cycle cost and energy studies.

Mr. Doeffinger is a member of the American Society of Heating, Ventilation and Air-Conditioning Engineers. He is the current national Chairman of the Technical Committee on Heating and Air-Conditioning Load Calculation. He is involved in writing the National Standard on the Method of Calculation, which will shape the nature of the future building energy use for the nation.

STEVEN L. COOK
PE

ZMM

Position
Senior Mechanical and Electrical Engineer

Education
B.A., English, West Virginia University, 1972
2 Years toward B. S., Mechanical Engineering, WVIT, 1974-1975
M.A., Humanities, Marshall University Graduate College, 2004

Employment History
1989-Present, ZMM, Senior Mechanical Engineer
1976-1989, Charleston Area Engineering Firm, Project Manager
1972-1976, Charleston Area Engineering Firm, Designer

Professional Credentials
Registered Engineer (WV)
Member of ZMM's Board of Directors
Member of ASHRE

Professional Experience
Mr. Cook started his career in 1972 as a designer for an engineering firm in Charleston, WV. He is a Professional Engineer registered in West Virginia. He has designed and engineered many projects throughout the state of West Virginia.

Responsibilities Include:
Mechanical Design and Engineering.
Serves as liaison between clients and utility companies.
Design of sanitary and gas site utilities, site utility specifications.
In-house review of plumbing, sprinkler system, fire pump, and domestic water booster pump designs.
Review of plumbing, fire protection specifications, and temperature control design.
Equipment selection - air handling units, pumps, and boilers, site visits, observation reports and punch lists.

Project Experience
State of West Virginia Regional Jails
State of West Virginia Juvenile Detention Centers
WV Army National Guard - Glen Jean Armed Forces Center
WV Army National Guard - Logan Readiness Center
WV Army National Guard - CFMO Expansion Project
Highland Hospital
Saint Albans High School
Lincoln County High school

JILL M. WATKINS

IIDA, LEED AP

ZMM

Position

Sustainability Coordinator

Education

Bachelor of Science, Interior Design, The University of Tennessee, Knoxville, TN, May 1993

Employment History

2008 - Present, Interior Designer/Sustainability Coordinator, ZMM
2005 - 2008, Cubellis, Boston MA
2004 - 2005, Wolf Maison Limited, Cleveland, OH
2003 - 2004, Doty & Miller Architects, Bedford, OH
1999 - 2003, URS Corporation, Cleveland, OH
1998 - 1999, KA, Inc. Architects, Cleveland, OH

Professional Credentials

Professional Member IIDA
NCIDQ Certificate, October 1997
LEED Accredited Professional, April 2003

Professional Experience

Ms. Watkins has over 15 years of experience in the field of architecture, focusing on high quality and sustainable design. She has been involved in several detailed programming efforts for both new construction and interior renovations. Ms. Watkins has participated in a six week endeavor that entailed developing building standards, preparing final documentation, verifying existing conditions, as well as reviewing questionnaires.

Other experience includes Space Planning on a variety of projects, such as open offices, science labs, dental offices, CEO Suites and Classrooms.

Project responsibilities also include, Schematic Design & Design Development, Construction Documents, Finish Selection, Furniture Selection, Lighting Design and Sustainability Coordination.

Project Experience

Highland Hospital
Midwest Research
Procter & Gamble - Gillette Headquarters
Cleveland State University - Recreation Center
Beachwood Middle School
West Virginia Housing Development Fund
State Office Buildings 5, 6, & 7
Wood County Justice Center
Joint Interagency Training and Education Center
Ripley Armed Forces Reserve Center

JOHN A. PRUETT

PE, LEED AP

ZMM

Position

Mechanical Engineer

Education

MBA, Indiana University at South Bend, South Bend, Indiana, 1997 (degree in progress)
Bachelors of Science, Mechanical Engineering, Purdue University, West-Lafayette, Indiana, 1993

Employment History

2010 - Present, Mechanical Engineer, ZMM
2007 - 2009, Senior Mechanical Engineer, Indiana Engineering Firm
2003 - 2007, Mechanical Project Engineer, Indiana Engineering Firm

Civic Affiliations

Professional Engineer
American Society of Heating, Refrigerating, and Air Conditioning Engineering, Member Since 1999
United States Marine Corps, 1989-2002

Professional Experience

Mr. Pruett began his career in engineering with a manufacturing company in 1994. In 1998, he made a career change and joined an engineering consulting firm as an HVAC design engineer. He has a broad range of experience in HVAC systems design, including K-12 schools, higher education facilities, libraries, hotels, a convention center and several natatoriums. He also led a design team for a "virtual memorial" for the birthplace of the U.S. Marine Corps, having served in the Marines for 14 years. He joined ZMM, Inc. in 2010.

Mr. Pruett is responsible for overseeing the design of the HVAC systems and ensuring these systems not only meet the program requirements, but meet the long-term needs of the Owner as well. He performs heating and cooling load calculations and recommends the type of systems to be incorporated into the building. He coordinates with the other disciplines in order to integrate the HVAC systems into the building. Mr. Pruett is also a LEED Accredited Professional and has participated on several LEED registered projects. One of his key contributions to these projects is conducting the energy analyses and making recommendations on energy use reduction alternatives.

Project Experience

North Central High School - Natatorium
Johnson County Public Library
Casino-Aztar Hotel and Entertainment District
Cedar Crest Intermediate School
Southern Indiana Career and Technical Center
Palm Beach County Convention Center
Florida-Atlantic University - Central Utility Plant Expansion

STEPHEN E. HEDRICK II

PE

ZMM

Position

Structural Engineer, ZMM

Education

B.A., Civil Engineering, West Virginia University Institute of Technology, Montgomery, WV, 1996-2001
M.A., Civil Engineering - Structural, University of Tennessee Knoxville, TN, 2001-2003

Employment History

2007-Present, ZMM
2003-2007, Principal Engineer, McCall Engineering, LLC, Sarasota, FL
2001-2003, Teaching Assistant and Thesis Research, University of Tennessee, Knoxville, TN

Professional Credentials

Professional Engineer (PE), 2007
Certified Engineer in Training (EIT), 2001

Professional Experience

Responsible for structural engineering design of residential structures, commercial structures, institutional structures and small scale bridges.

Mr. Hedrick has researched and developed design criteria for structural insulated panels, prepared design calculations for earthquake and wind design of FRP tanks. His role has also included supervising the work of design engineers in preparation of construction documents.

Project Experience

Highland Hospital
New River Elementary - Supplemental Support
Hacker Valley Elementary - Supplemental Support
Barboursville Middle School - Supplemental Support
Southside Elementary/Huntington Middle School
Glen Jean Armed Forces Center - Joist Reinforcement
West Virginia Cultural Center

MARY JO CLELAND
PE

ZMM

Position
Civil Engineer

Education
B.S., Aerospace Engineering, U.S. Naval Academy, Annapolis, MD 1993
B.S., Math and Science Education, WV State College, Institute, WV, 2001

Employment History
2008-Present, Civil Engineer, ZMM
2001-2008, Staff Engineer, Potesta & Associates, Inc.

Professional Credentials
Registered Engineer (WV)

Professional Experience
Ms. Cleland has experience in both civil and environmental engineering. She has extensive knowledge of sanitary sewer collection system design, wastewater treatment plant design, grading plans, site utility design, and associated permit applications preparation.

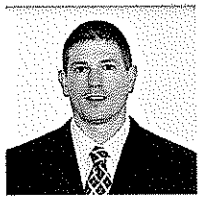
Her environmental remediation experience includes Phase I Environmental Site Assessments, Phase II Environmental Site Assessments, and participation in Baseline Human Health Risk Assessments. Ms. Cleland consulted on the air pollution permit applications and general permit applications for large and small emission units, such as standby/emergency generators for site development projects.

Project Experience:
Hacker Valley K-8 School
Martha Elementary School
Milton Middle School
Barboursville Middle School
Harts K-8 School
Bradshaw Schools, McDowell County
Parkersburg Catholic Athletic Annex
State of WV Office Buildings 5, 6 & 7
Highland Medical Facility
Goodwill Industries Addition
Cedar Lakes Conference Center Roadwork
Kanawha Valley Senior Services
West Virginia Housing Development Fund

SCOT CASDORPH

PE

ZMM



Position

Electrical Engineer

Education

B.S., Electrical Engineering; West Virginia University Institute of Technology, Montgomery, West Virginia; 1995

Employment History

2000 - Present, Electrical Engineer, ZMM, Charleston, WV
1995 - 1999, Electrical/Control Systems Designer, WV Engineering Firm

Professional Credentials

Professional Engineer (WV)

Professional Experience

Mr. Casdorph started his career in 1995 as an electrical/control systems designer. He is responsible for Electrical Design and Engineering on various ZMM projects.

Responsibilities Include:
Lighting Design (Interior & Exterior)
Electrical Power Distribution
Security System Design
Data System Design
Fire Alarm System Design
Sound System Design
Division 16 Specifications
Electrical Drafting & Design CAD

Project Experience

Southside Elementary and Huntington Middle School
Milton Middle School
Wayne Elementary School
Martha Elementary School
Iaeger Elementary School
Lincoln County High School
West Virginia Juvenile Detentions Centers
WV Army National Guard - Logan Readiness Center
WV Army National Guard - Morgantown Readiness Center
CFMO Expansion Project
WV Army National Guard - Glen Jean Armed Forces Center

MICHAEL D. ABERNETHY

LC, IESNA

ZMM

Position

Electrical and Lighting Designer

Education

A.S. Drafting and Design Engineering Technology, WV Institute of Technology, 1970
IESNA Certificate of Technical Knowledge (TKE) in Lighting Design

Employment History

1992-Present, ZMM, Electrical Designer/Technician
1988-1992, W. Va. Signal & Light, Inc., Construction Estimator/ Purchasing Agent & Office Manager
1973-1988, ZMM, Electrical Designer/Technician

Professional Credentials

Lighting Certified by the National Council on Qualifications for the Lighting Professions (NCQLP)
Master Electricians License (West Virginia)

Professional Experience

Mr. Abernethy is responsible for interior and exterior building lighting design, lighting control and energy management system design, building electrical power distribution design, data system design, sound system design, fire alarm system design, security system design, closed circuit TV System design, emergency generator system design, Division 16 specification writing, commercial building electrical cost and budget estimating, electrical design and production time estimating and existing and new facilities inspection and documentation at ZMM.

In addition to Mr. Abernethy's design responsibilities, he also serves on ZMM's AutoCAD production committee.

Mr. Abernethy started his career in 1970 in the field of drafting for the United States Army and FMC Chemicals in Charleston, WV. He began his electrical design experience in 1973 at ZMM. He is a certified Lighting Designer recognized by the National Council on Qualifications for the Lighting Professions and a Licensed Master Electrician in the State of West Virginia.

Project Experience

Erma Byrd Higher Education Center
Lincoln County High School
St. Albans High School
Southside Elementary/Huntington Middle School
Martha Elementary School
Greenbrier East High School

DAVID R. UNRUE

AAIA

ZMM

Position

Construction Administration

Education

Previously Certified by the WV Department of Highways as Nuclear Compaction Technician, Bituminous Concrete Technician,
Aggregate Technician, Portland Cement Concrete Technician
Certified Construction Document Technologist, Construction Specification Institute.

Employment History

1991-Present, ZMM
1985-1991, West Virginia Board of Regents, Charleston, WV
1979-1984, Charleston Area Architectural Firm, Charleston, WV

Professional Credentials

CSI, Certified Construction Specifier (Construction Specification Institute)
CDT, Certified Construction Document Technologist

Civic Affiliations

Associate Member, American Institute of Architects, West Virginia

Project Experience

West Virginia Regional Jail Authority
West Virginia Correctional and Juvenile Facilities
Job Corps Center, WV
Sears, Roebuck & Company, Retail Centers
Cabell County Schools, WV

LEED ACCREDITED PROFESSIONALS

ZMM

"I became a LEED Accredited Professional because I believe that good design has value and the ability to impact our daily lives. The application of sustainable design principles enhances this value, and employs an integrated design approach that can improve both our environment, as well as the performance of building occupants. Sustainable design showcases the value of design through demonstrated improvements in the performance of the students and employees who occupy our building."

- Adam R. Krason, AIA, NCARB, LEED AP

"Becoming a LEED AP was the culmination of years of environmental advocacy in the design community. Since then, it has allowed me to explore new avenues of design projects, and to provide leadership to clients, colleagues and the community. I believe LEED allows design teams to be more creative and cohesive because of the benefits of early project decision-making. It also makes design more fun!"

- Jill M. Watkins, IIDA, LEED AP

"Being a LEED AP is my way to help the environment. Incorporating sustainable design features into projects enables me to share my knowledge of the industry with those in the community. Advocating the green movement will ensure that we have a safe and healthy planet for future generations."

- Alana S. Pulay, IIDA, LEED AP

"I have been interested in sustainable design since learning about it while studying architecture and indigenous building techniques in the 1970's. I have continued my interest in sustainable design while designing various passive solar buildings. Becoming a LEED AP is a natural continuation in my interest in green building."

- Hank Walker, AIA, LEED AP

"I became a LEED Accredited Professional as a step in enabling and preparing myself for the design requirements of today, and certainly, the future. I believe that the continued and increased practice of sustainable design and living will be that bridge between losing an irreplaceable environmental health and flourishing in a world that is still unfolding."

- Mark T. Epling, AIA, NCARB, LEED AP

LEED EXPERIENCE

ZMM

At ZMM, we believe that sustainable design is just good design. We are leaders in West Virginia through our projects and our sharing of knowledge:

First green secondary school in West Virginia – Lincoln County Comprehensive High School
First green higher education project in West Virginia – Erma Byrd Center for Higher Education
Sustainable design partnerships with and LEED presentations for:

- The Clay Center
- Natural Capital Investment Fund
- West Virginia Department of Education
- West Virginia School Building Authority
- West Virginia Association of School Administrators
- West Virginia Department of Environmental Protection
- Habitat for Humanity of Kanawha and Putnam County
- Kanawha County Solid Waste Authority
- Half Moon Seminars
- Travel Green Appalachia

Current LEED Registered projects:

State of West Virginia Office Buildings #5, 6 and 7
These 3 existing office buildings, comprising nearly 500,000 square feet of space are in need of extensive upgrades to improve life safety and environmental safety of employees. Interior renovations will also significantly improve workers' morale and productivity. The project is registered under LEED-NC v2.2.
Highlights include:

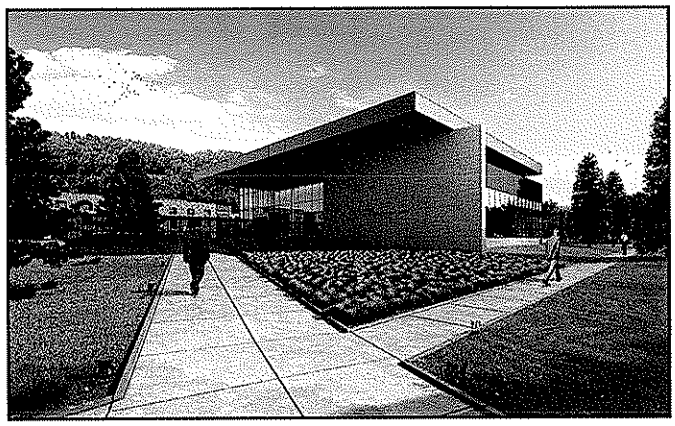
- Recycling of all existing demountable partition systems plus construction waste management
- New Energy Star roofs reduce heat island effect
- Low flow fixtures and dual-flush toilets to reduce water use
- New windows and central HVAC system will reduce energy consumption
- Significant indoor air quality improvements
- 95% of all office furniture is Cradle-to-Cradle Certified and Greenguard Certified

ZMM

West Virginia Army National Guard Joint Interagency Training and Education Center

This 230,000 square foot project at Camp Dawson in Kingwood, West Virginia is registered under LEED-NC v2.2. Program elements incorporate an operations training and simulation center for the National Guard Bureau, homeland defense and training offices, classroom spaces and a billeting (hotel) component. While the project and existing site is complex in nature, the project expects to achieve LEED Silver. Highlights include:

- Stormwater reduction measures (vegetative roof, bioswales, etc.)
- Low flow fixtures, waterless urinals and dual-flush toilets to reduce water use
- Enhanced commissioning
- Highly efficient HVAC systems
- Construction waste management
- Increased use of local materials
- Increased indoor air quality measures



West Virginia Army National Guard Ripley Armed Forces Reserve Center, Jackson County

At 63,000 square feet, this new reserve center gets its inspiration from a Georgian-style house that sits on the site. Registered under LEED-NC v2.2, sustainable design highlights include:

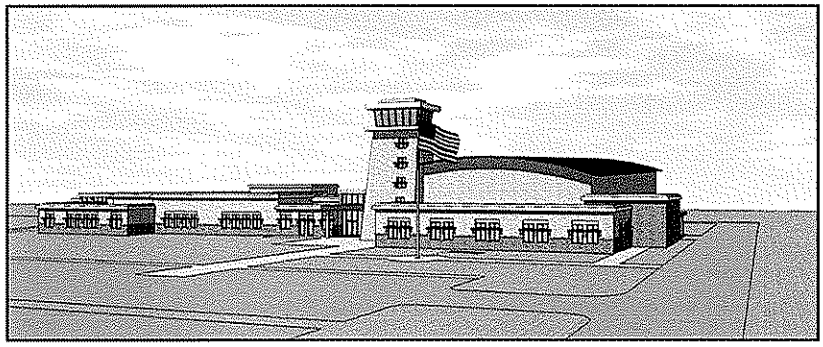
- Stormwater – reduced quantity and increased quality measures
- Low flow fixtures, waterless urinals and dual-flush toilets to reduce water use
- Vertical and horizontal exterior sunshades plus superior glazing
- Highly efficient HVAC system
- Construction waste management
- Increased use of local materials
- Increased indoor air quality measures

LEED EXPERIENCE

ZMM

West Virginia Army National Guard Morgantown Readiness Center
At almost 70,000 square feet, this new readiness center will serve as a gateway to the Joint Interagency Training and Education Center at Camp Dawson. Registered under LEED-NC v2.2, sustainable design highlights include:

- Stormwater – reduced quantity and increased quality measures
- Heat island effect reduction
- Low flow fixtures, waterless urinals and dual-flush toilets to reduce water use
- Highly efficient HVAC system
- Increased use of local materials
- Construction waste management
- Increased acoustical performance



We also anticipate having 4 additional LEED Registered projects within the next 3 months.

In addition to the above, ZMM's Sustainability Coordinator, Jill Watkins, has nearly 15 years of experience with sustainable design and LEED, including significant contributions to:

- New Federal Courthouse, Youngstown, Ohio – the first courthouse in the U.S. and the first building in Ohio to become LEED Certified
- Cleveland State University New Recreation Center – LEED Consultant – project is LEED Certified
- Procter & Gamble / Gillette Headquarters – Boston Green Building Standards required strict adherence to LEED-NC – Anticipated LEED credits and sustainable design features led to P&G's green building standards for all U.S. facilities
- Cubellis, Inc., Boston, Massachusetts – LEED-CI Gold Registered
- Raytheon, Waltham, Massachusetts – LEED-CI Gold Registered

Habitat for Humanity®
of Kanawha & Putnam County

815 Court Street
P.O. Box 70160
Charleston, WV 25301-0160
(304) 720-0141 Fax (304) 720-4352
info@habitatwv.org

February 23, 2009

To whom it may concern:

I am writing in support of ZMM and the sustainable practices they have helped to make possible at Habitat for Humanity of Kanawha and Putnam County. Adam Krason of ZMM was responsible for the *REUSEd Materials, RESTOREd Lives* project conception and greatly assisted in developing the program and securing the funding.

RESUEd Materials, RESTOREd Lives is a program of the Habitat ReStore in which we collect construction and demolition waste from jobsites and either recycle or resell the material. The project was funded in full by the Sustainable Kanawha Valley Initiative in the fall of 2008. The grant funding enabled us to purchase large, used shipping containers that will be placed on construction sites for collection of materials. The containers will be picked up at the completion of the project for sorting, recycling and reselling at the Habitat ReStore.

According to the United States Environmental Protection Agency, construction and demolition waste comprise 35% of landfills. By salvaging these materials we are reducing the amount of waste that enters the local landfills and we are also providing additional funding to build Habitat homes. Without the help of Adam Krason and ZMM, *REUSEd Materials, RESTOREd Lives* would not have been possible.

Sincerely,

Amy McLaughlin
ReStore Director
Habitat for Humanity of Kanawha and Putnam County

west virginia department of environmental protection

Public Information Office
601 57th Street, South East,
Charleston, WV 25304

Joe Manchin III, Governor
Randy C. Huffman, Cabinet Secretary
www.wvdep.org

February 21, 2009

Adam R. Krason, AIA, NCARB, LEED AP, Architect
ZMM Architects and Engineers
222 Lee Street, West
Charleston, WV 25302

Dear Mr. Krason,

As Sustainability Officer with the West Virginia Department of Environmental Protection, it is my pleasure to write a letter in support of ZMM Architects and Engineers and their efforts to work with West Virginia organizations committed to improving their built and natural environments and organizational sustainability… or triple bottom line… profit, people, and planet.

The diverse staff at ZMM Architects and Engineers has expert knowledge, skills, and abilities with respect to the United States Green Building Council's Leadership in Energy and Environmental Design® Green Building Rating System™ and about broader sustainability concepts, principles and the environment in West Virginia.

I have worked with Mr. Krason and Ms. Jill Watkins with "Green Building Workshops" and creating a statewide program that builds capacity and provides leadership development opportunities for individuals and organizations embracing sustainability and looking for the complementary relations among the environment, economy and culture I West Virginia. Their inspiring work ethic, wisdom and integrity speak volumes about the manner in which they conduct business and represent themselves throughout West Virginia Communities.

The WVDEP is encouraged by ZMM Architects and Engineers' efforts and how it will lead to eventual Skill Set development and interdisciplinary program enhancements with other sustainability concepts and principles such as:

- Energy and cost efficiency;
- Alternative and renewable energy;
- Sustainable building design, construction, operation and maintenance that supports the United States Green Building Council's Leadership in Energy and Environmental Design® Green Building Rating System™;
- Creation of green businesses and collar jobs; and,
- Others.

ZMM Architects and Engineers support our capacity building and leadership development activities, and complements and augments WVDEP programs such as:

- Sustainable Communities – a program that targets homeowners, schools, businesses, and community institutions dedicated to energy and water conservation, waste minimization and elimination, pollution prevention, and other sustainability concepts and principles that build sustainable communities… strong local economies, wholesomely vibrant communities, and healthy environments.
- Environmental Excellence – a program that targets regulated and non-regulated organizations in an effort to promote, reward, and encourage superior environmental performance within West Virginia organizations that meet the requirements of program eligibility including an exemplary environmental performance record, commitment to develop and implement an environmental management system, establish environmental performance goals, promote public involvement, and to positively impact the quality of life for all West Virginians by improving the economy, environment, and society through incentives, public participation, innovative technologies, and sustainability concepts. This program is the companion to the United States Environmental Protection Agency's National Environmental Performance Track.
- I Travel Green – a program that targets West Virginia travel and tourism organizations that is an entirely voluntary, affordable program that Registers and Benchmarks travel and tourism organizations that have made a commitment to continually enhance their operations that improve environmental, socio-cultural, and economic performance through evaluating their operations; setting goals, establishing objectives and targets, developing programs; and taking specific actions toward environmental, socio-cultural, and economic sustainability. I Travel Green is designed to support the West Virginia Division of Tourism's "West Virginia Wild and Wonderful" brand, give the state and travel and tourism organizations a marketing edge, promote smart practices, reduce costs, educate travelers and tourists, and protect the beauty and vitality of West Virginia's landscape.

In conclusion, I fully support the efforts of ZMM Architects and Engineers as you seek support for institutionalizing your programs. Any program, that incorporates sustainability concepts and principles and focuses on building capacity and developing leaders in sustainability throughout West Virginia, will benefit our people, our communities, and our overall return on investment. This will support the foundation for building a sustainable future for West Virginia.

Should you have questions, or require additional information, please do not hesitate to contact me at (304) 926-0499 X1332 or gregory.e.adolfson@wv.gov.

Sincerely,

Gregory E. Adolfson, Sustainability Officer
West Virginia Department of Environmental Protection

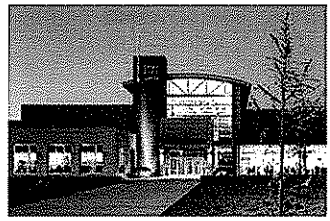
AWARD WINNING DESIGN

ZMM

2009

Construction & Facilities Management Office

Charleston, West Virginia
AIA Merit AWARD West Virginia Chapter
Achievement in Architecture



2008

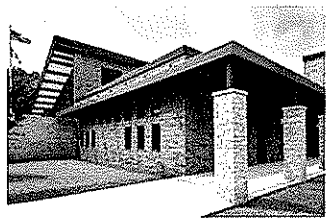
Erma Byrd Center

Beckley, West Virginia
AIA HONOR AWARD West Virginia Chapter
Excellence in Architecture
AMERICAN SCHOOL & UNIVERSITY
Outstanding Building Design

2007

Lincoln County High School

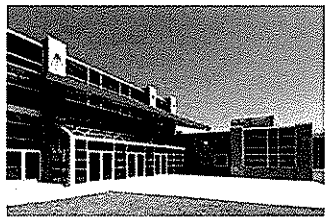
Hamlin, West Virginia
AIA HONOR AWARD West Virginia Chapter
Excellence in Architecture
EDUCATION DESIGN SHOWCASE
Project of Distinction award
AMERICAN SCHOOL & UNIVERSITY
Outstanding Building Design



2006

Gene Spadaro Juvenile Center

Mount Hope, West Virginia
AIA MERIT AWARD West Virginia Chapter
Achievement in Architecture



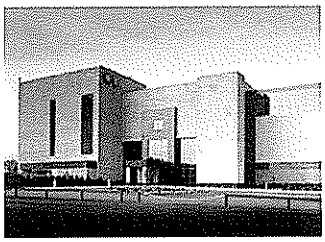
2004

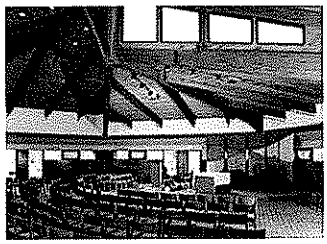
St. Albans High School

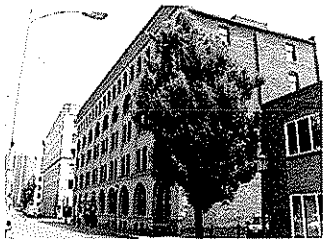
St. Albans, West Virginia
IMPACT ON LEARNING AWARD
Effective Transformation
EDUCATION DESIGN SHOWCASE
Outstanding Building Design
AMERICAN SCHOOL & UNIVERSITY
Outstanding Building Design

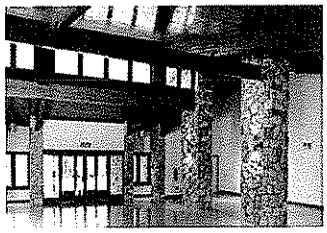
ADDITIONAL AWARD WINNING DESIGN

ZMM









West Virginia Society of Architects
Design Honor Awards

Corporate Headquarters Facility
Blue Cross / Blue Shield of West Virginia
Charleston, West Virginia

John XXIII Pastoral Center
Wheeling-Charleston Diocese
Charleston, West Virginia

Corporate Office Building
Contractors' Association of West Virginia
Charleston, West Virginia

One Bridge Place Office Renovation
Fisher-Bryson Properties
Charleston, West Virginia

United States Navy
Admiral's Commendation
Operations Building Alterations
Naval Security Group
Sugar Grove, West Virginia

Construction Specifications Institute
Honorable Mention
Restoration and Renovation Projects
Cottage Renovations to Federal Prison Camp
Alderson, West Virginia

Stonewall Jackson Lake
Merit Award
Design and Environmental Program
Recreation Area Basic Park
Weston, West Virginia

The County Commission of Wood County

No.1 Court Square, Suite 203
Parkersburg, West Virginia 26101
(304) 424-1984

March 3, 2008

Dear Sir/Madam:

This is a letter of reference for Adam R. Krason, ZMM, Inc. The County Commission of Wood County has employed ZMM, Inc. on several projects, most notably the renovation of the Judge Black Annex.

Mr. Krason has always been extremely professional and has proven himself to be very flexible in meeting our needs. He is friendly and easy to work with. He has proven to be an asset to the County and we anticipate a long-term relationship with ZMM, Inc. in the coming years.

Sincerely,

THE COUNTY COMMISSION OF WOOD COUNTY

Robert K. Tebay, President

Rick Modesitt, Commissioner

David Blair Couch, Commissioner

WCC:ah

The Higher Education Foundation

200 MAIN STREET, BECKLEY, WEST VIRGINIA 25801-4613

TELEPHONE 304 929-2010 FACSIMILE 304 929-2009 forwardswv@earthlink.net

January 22, 2008

Mr. Rod Watkins, Vice-President, AAIA, REFP
ZMM, Inc.
222 Lee Street West
Charleston, WV 25302

Dear Rod,

Last week, January 14, 2008, we began the second semester of use of The Erma Byrd Center at the Public Higher Education Center campus, Beaver, West Virginia. This endeavor has been a significant triumph for our area and is the first of its kind in West Virginia. Seven public colleges/universities have come together in a single center in a spirit of cooperation rather than competition.

This is a note to thank you and the ZMM family for the critical role with excellence that you played in this project. Initially, we had worked with another architect in Pittsburgh, but unfortunately a series of events made continuance with them impossible. We were then met with crucial deadlines for reformulating an entire building with a very constricted timeline and an equally restricted budget. We turned to ZMM.

Our contract with you began in December, 2005. We had to complete architectural plans, bid the building, secure a contractor, and begin construction by July, 2006, in order to meet an opening date of August, 2007. ZMM was the perfect partner with us as we forged a new building on a yet raw campus and made it work.

The building designed by ZMM was elegant, yet simple. The budget parameters were met, including a striking view from I-64. The building design impresses all.

Radford & Radford was chosen as the builder, and ZMM worked with them expeditiously and effectively. The architectural plans were exceptionally clean, and the few change orders were almost entirely initiated by the owner as some afterthoughts developed. The project was completed on time, and the first semester was excellent. Over 131 classes were taught engaging 1,990 students.

I simply wanted to send you this note of thanks for accepting a very daunting task, completing it with excellence, maintaining the very restricted budget, and making this whole project successful. We are now looking forward to a second building, and while we probably need by state law to seek architectural services through an RFP, I hope that ZMM will engage in the process. It would be to our benefit if ZMM were the winning architects. You have my highest recommendation and most sincere thanks.

Cordially,

Tom Acker S

Thomas S. Acker, S. J.
Executive Director

TSA:llm

Lincoln County Schools

David L. Roach
SUPERINTENDENT

Jeff Huffman
ASSISTANT SUPERINTENDENT

January 22, 2008

To Whom It May Concern:

As the previous superintendent of Cabell County Schools and present superintendent of Lincoln County Schools, I am in the unique position to comment on the services of ZMM, Inc., Architects and Engineers. They provided professional services in both of these counties and I found their services in both counties to be of the highest quality.

I have found, through my experiences with ZMM, that their services are equivalent to having additional employees of the school system. I base this statement on the fact that their representatives consistently monitor budget expenditures in order to stay within the project budget. Change orders are minimal and always justified. ZMM is present and accessible before, during and after project completion to assure the interests of the school system are being met. I particularly appreciate their support in dealing with contractors who may have remaining obligations or product deficiencies that need to be resolved following project completion.

Simply stated, ZMM works to assure that the interests of the client are met and refuses to bow to contractors by accepting less than quality work. I believe this is a rare quality and makes ZMM an elite company.

Sincerely,

David L. Roach

David L. Roach
Superintendent of Schools

10 Marland Avenue, Hamlin, WV 25523 • (304)824-3033 • Fax (304)824-7947

RFQ No. DEFK10013 14

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: ZMM, INC.

Authorized Signature: [signature], AIA Date: 12-April-2010

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 12th day of April, 2010.

My Commission expires 10-6, 2018.

AFFIX SEAL HERE

NOTARY PUBLIC Lisa E. Bowles

OFFICIAL SEAL
STATE OF WEST VIRGINIA
NOTARY PUBLIC
Lisa E. Bowles
ZMM, Inc.
222 Lee St., W.
Charleston, WV 25302
My Commission Expires October 6, 2018