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Expression of Interest For

Division of Natural Resources
Parks & Recreation



ZMM

Professional
Architectural &
Engineering Services



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WV PURCHASING
DIVISION



Adam Krason, AIA, LEED AP, Principal
ark@zmm.com



222 Lee Steet West
Charleston, West Virginia 25302
304.342.0159 voice • 304.325.8114 fax

ARCHITECTS & ENGINEERS

November 30, 2010



ARCHITECTS & ENGINEERS

November 30, 2010

Mr. Frank Whittaker, Senior Buyer
State of West Virginia Department of Administration
Purchasing Division, Building 15
2019 Washington Street, East
Charleston, WV 25305-0130

Subject: A&E Services for Improvements to Buildings at Hawks Nest, Twin Falls, and Pipestem State Parks - DNRB11044

Dear Mr. Whittaker:

ZMM is pleased to submit the attached information to demonstrate both our experience and our capability to provide professional architectural and engineering design and construction administrative services for the Improvements to Buildings at Hawks Nest, Twin Falls, and Pipestem State Parks. We are confident that our significant renovation experience, our commitment to creating innovative and award winning facilities, and our ability to provide integrated architectural and engineering services from our office in Charleston will make ZMM a great partner for the West Virginia Division of Natural Resources (WVDNR).

ZMM is one of few full service A/E firms in West Virginia, and is noted for design excellence and client focus. Our ability to provide complete design services from one location makes us uniquely qualified to participate on complex renovation projects, and will provide the WVDNR with improved coordination of the construction documents, a single point of design responsibility, and improved control of the design schedule.

ZMM's experience working with the State of WVDNR spans four decades, and includes providing construction administrative services on the facilities currently scheduled for improvement. Other significant experience with the WVDNR includes work at Canaan Valley (cabins, golf clubhouse, ski base facility), Cacapon (conference center), Blackwater Falls (conference center), Twin Falls (kitchen and dining expansion), as well as miscellaneous work at Pipestem and Hawks Nest State Parks.

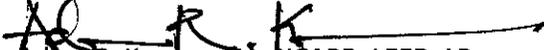
In addition to our experience providing services to the WVDNR, ZMM has significant renovation design experience. This experience includes the renovation of the 10th Floor of State Office Building #5 for the State of West Virginia Office of Technology, renovations and expansions of the old Cammack School in Cabell County, and the CFMO Expansion for the Construction and Facilities Maintenance Office of the West Virginia Army National Guard – a project that was honored with a Merit Award by the WV Chapter of the American Institute of Architects.



Thank you for taking the time to review the attached information that details our firm history and philosophy, experience, qualifications, personnel, and references. Additionally, please visit our website www.zmm.com to learn more about working with **ZMM** from a client's perspective, and about the advantages of working with a full service design firm. We look forward to the opportunity to present our ideas for this project, and appreciate the opportunity to be considered for this important assignment.

Respectfully submitted,

ZMM



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

Principal

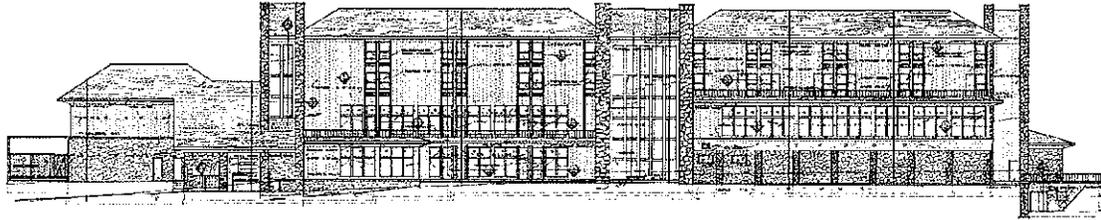
Canaan Valley State Park, State Park Lodge

WV Department of Natural Resources



LOCATION:
Davis, West Virginia

COMPLETION:
Un-Built Project



In 1968 ZMM was selected to provide design services for a variety of facilities at Canaan Valley State Park. Many of the facilities remain actively utilized. A description of the various components can be found below.

Lodge Facility

An original design for a four-story lodge and convention facility containing 60 guest rooms, dining, and kitchen facilities, a conference facility seating 300, an indoor pool and support space, was not constructed. Funding restraints required the construction of a lodge of reduced scope.

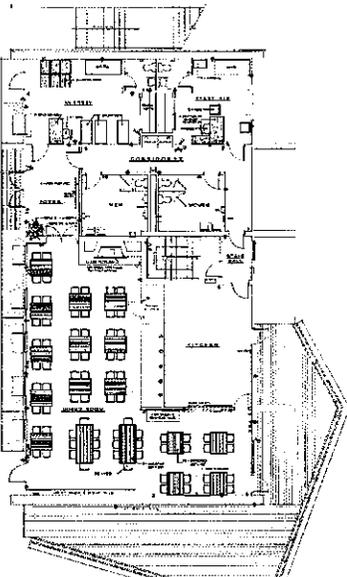
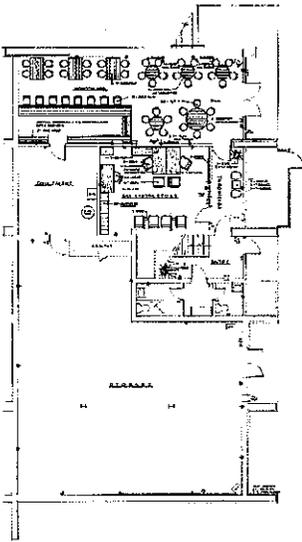
The original design concept utilized masonry bearing walls and a precast floor system with exterior materials of stone and wood to reflect the natural environment and concept of the park. Each guest room was designed to contain two double beds, bath, and toilets facilities.

Other Facilities

- New Park Cabins
- Golf Club House
- Ski Base Facility
- Park Headquarters Building

These one and two-story buildings were designed to withstand the harsh winter climate of Canaan Valley and are of wood frame and stone masonry construction. Exposed laminated wood beams are used in selected areas for aesthetic and structural purposes. Native materials, both for interior and exterior applications, have been used to help the buildings blend in with their surroundings.

Each building has its own, energy efficient, heating and cooling system, which on concert with the well insulated walls and roof keep overall energy costs to a minimum. The buildings were, each, situated on their respective sites to create a minimum of site disruption.



Cacapon Resort State Park

WV Department of Natural Resources



LOCATION:
Berkeley Springs, West
Virginia

SIZE:
7,600 SF New
8,100 SF Renovated

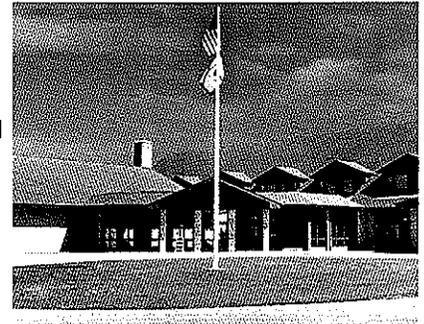
COMPLETION:
1998

COST:
\$3,200,000

CONTACT:
Tom Ambrose
Assistant Superintendent
818 Cacapon Lodge Drive
Berkeley Springs, WV
25411
304.258.1022

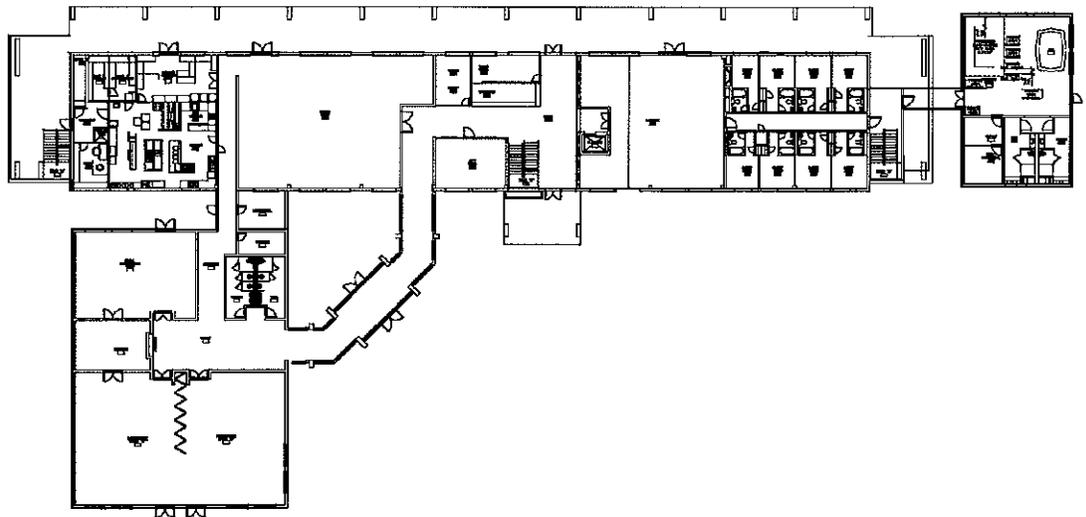


In 1998 ZMM completed an addition and renovation project to Cacapon State Park Lodge Building. This project included a new 7,600 SF conference center, providing a large 3,000 SF dividable conference room, a smaller 1,000SF conference room with connecting entrance lobby, toilets and storage facilities.



The existing kitchen facility was enlarged and renovated to provide banquet capabilities. An elevator was added to improve access to upstairs bedrooms and downstairs multi-use areas. The downstairs multi-use and meeting area were renovated along with the reception and office area.

Bid documents were prepared for a 2,500 SF health spa addition to the lodge building, but this portion of the project was not constructed. Other ZMM projects completed at Cacapon State Park include life safety compliance renovations to the WPA Old Inn building and a 4 bedroom cabin that is ADA accessible.



Blackwater Falls State Park

WV Department of Natural Resources



LOCATION:
Davis, West Virginia

COMPLETION:
1998

COST:
\$2,600,000

SIZE:
10,400 SF Addition

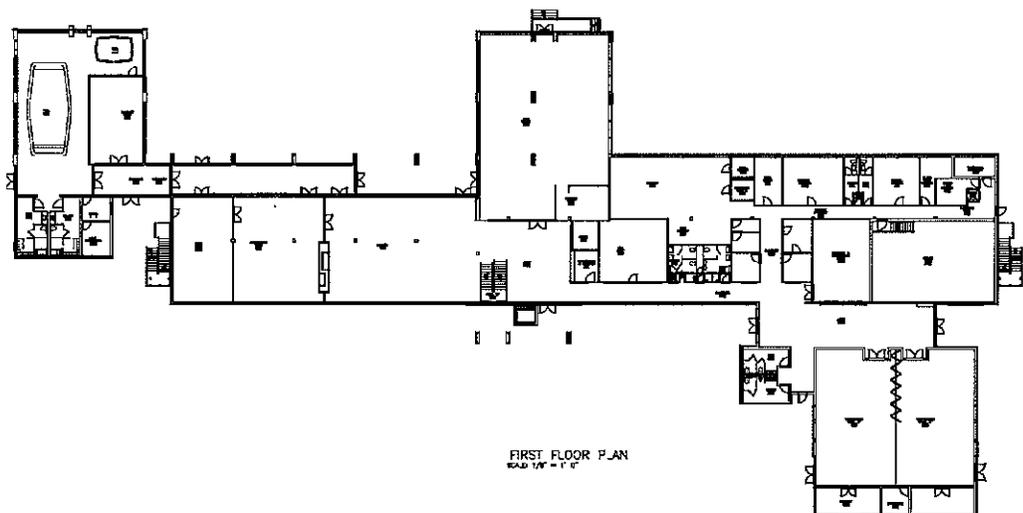
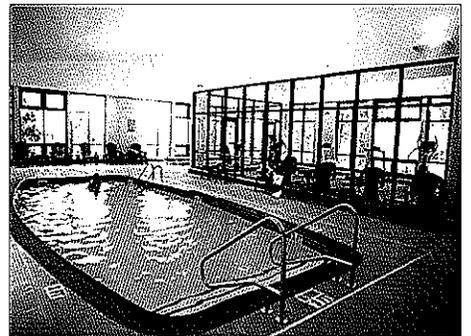
CONTACT:
Robert Gilligan
Park Superintendent
P.O. Drawer 490
Davis, WV 26260
304.259.5216



ZMM completed an addition and renovation to the historic Blackwater Falls State Park lodge building. This project included a 5,400 SF conference center addition providing a large 3,000 SF dividable conference room, entrance, lobby, toilets, and storage facilities.

Existing building roof lines and materials were used for the building addition to the original lodge design.

A 5,000 SF spa addition was added to the North Western end of the building provide a swimming pool, large Jacuzzi and a glass walled exercise area with locker rooms/showers. Interior office areas were also renovated with upgrades to mechanical, electrical, and fire alarm systems.



Stonewall Jackson Lake

US Army Corps of Engineers

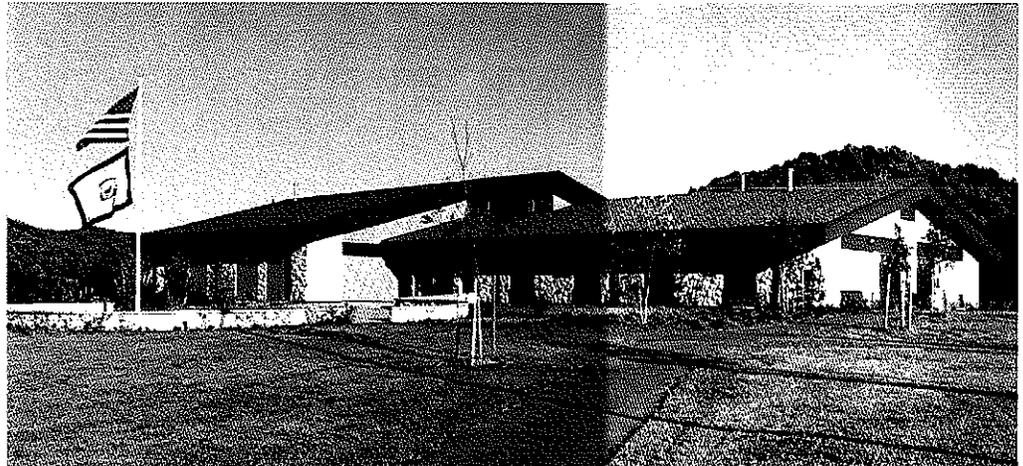


LOCATION:
Lewis, West Virginia

COMPLETION:
1986

COST:
\$15M

CONTACT:
Mr. McDonald Smith
940 Resort Drive
Roanoke, WV 26447
304.637.0300



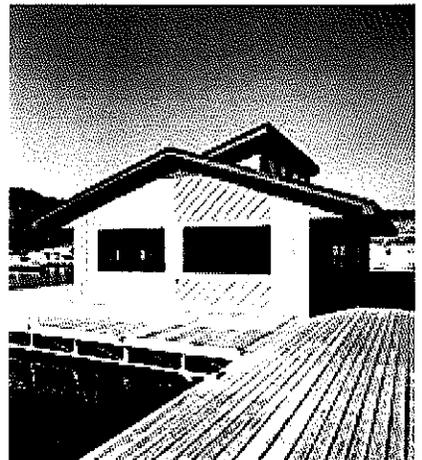
The project included site development of approximately 200 acres of land adjacent to Stonewall Jackson Lake in Lewis County, West Virginia. ZMM, Inc. provided all of the site development design including the roadway systems, parking, electrical power distribution to all facilities, sewage treatment plant and sewage lines serving all facilities, as well as a water treatment plant and water distribution system to the various buildings on the site.

Additionally ZMM Designed an 8,000 SF Visitors Center which includes an auditorium, display museum area and administrative space.

An 11,000 SF Multi-Purpose Building which includes seminar and meeting rooms, and space for various indoor gatherings, recreational and sporting activities.

A bath house that serves the campground area, rest rooms that serve the general park population, camp sites and a picnic shelter.

All structures at the park are single story buildings, constructed of stone and wood exterior facing materials. Laminated wood timber framing is featured for the structural systems, and zoned heating and cooling systems provide for environmental control.



Additional West Virginia State Park Experience

WV Department of Natural Resources



Lodge / Convention Center

Beech Fork State Park (Un-Built)

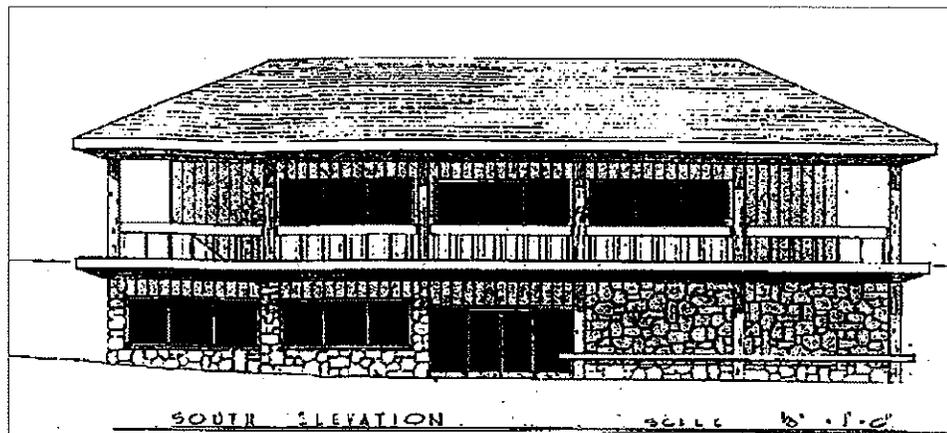
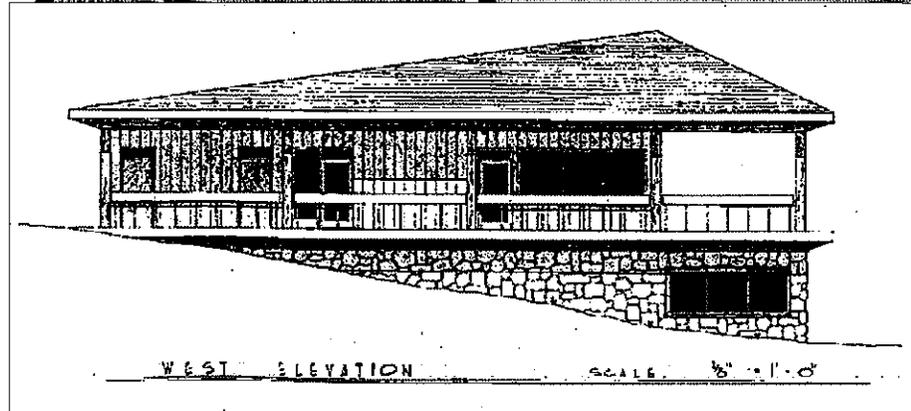
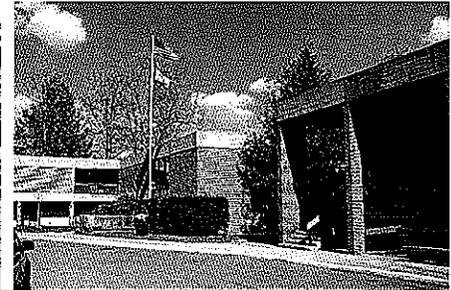
Miscellaneous Services:

Pipestem State Park
Hawks Nest State Park

Twin Falls State Park

Lodge and Convention Facility
Expansion Master Plan

- 25,000 SF Increasing Room Capacity from 20 to 50 Rooms
- The Expansion Increases the Dining, Kitchen, and Meeting Space for up to 200 People



Southside Elementary & Huntington Middle School

Cabell County Schools



LOCATION:
Huntington, West Virginia

SIZE:
158,194 SF

COMPLETION:
Est. 2010

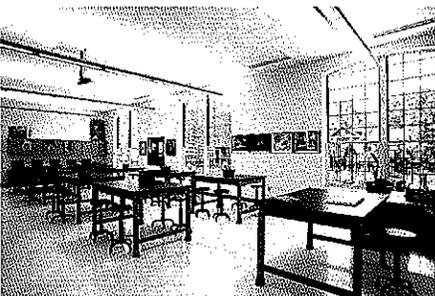
COST:
\$27 Million

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 houses 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 portion remaining was completely renovated. 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.



Southside Elementary & Huntington Middle School

Cabell County Schools



LOCATION:
Huntington, West Virginia

SIZE:
158,194 SF

COMPLETION:
Est. 2010

COST:
\$27 Million

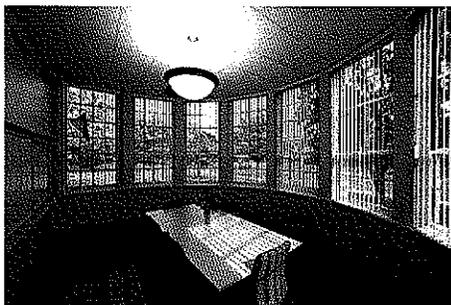
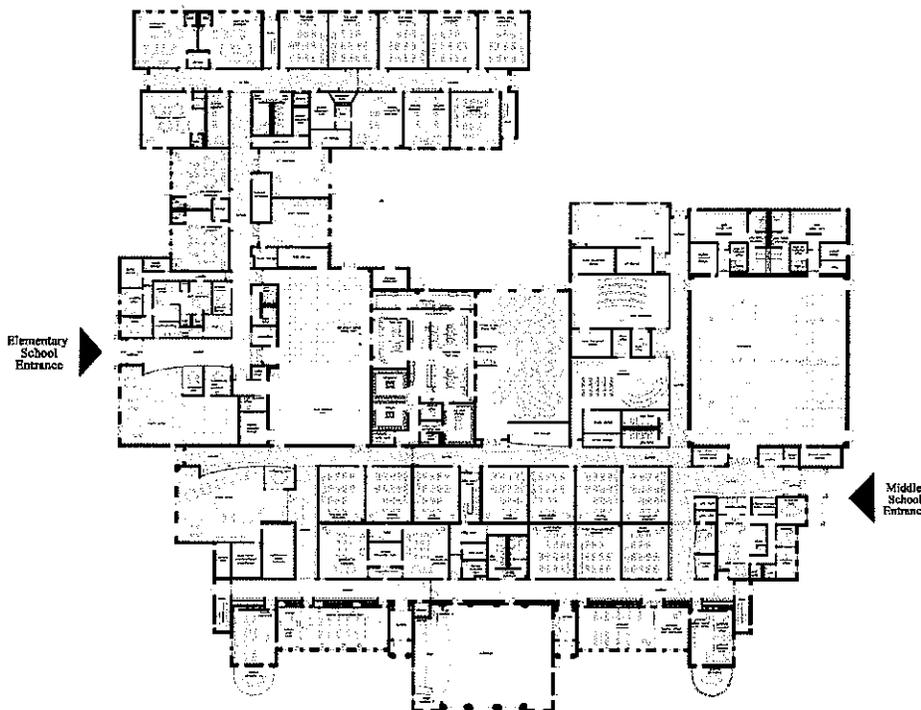
CONTACT:
Mr. William Smith
Superintendent
2850 5th Avenue
Huntington, WV 25702
304.824.3033



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



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.



State Office Building #5, 10th Floor

Office of Technology

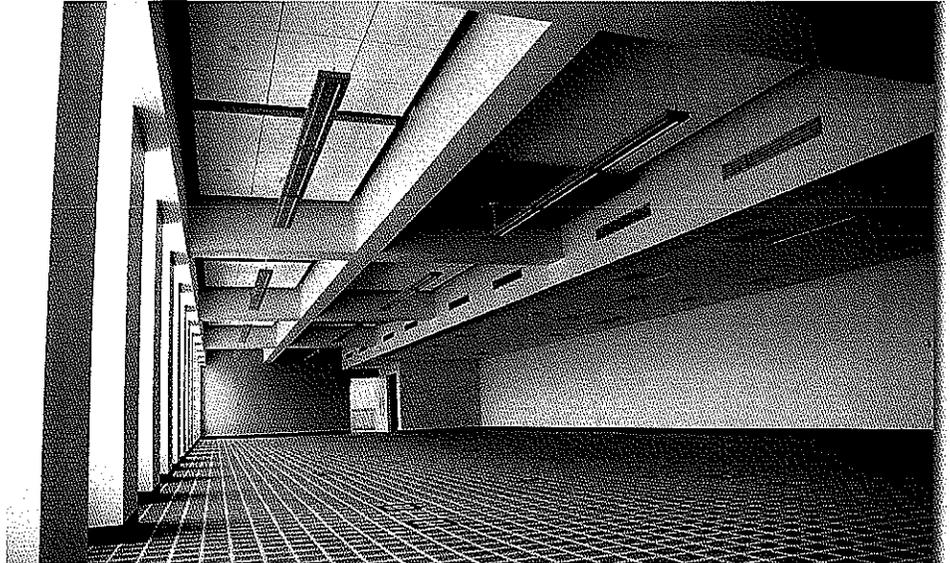


LOCATION:
Charleston, WV

SIZE:
22,000SF

COST:
\$3.7M

COMPLETION:
2010



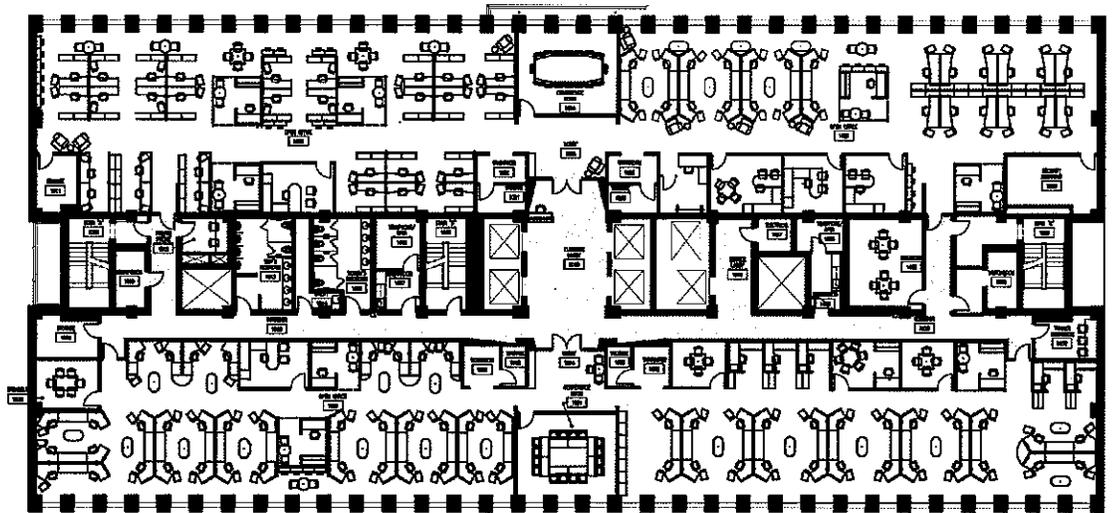
CONTACTS:

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

Mr. Chuck Lawrence
Director
Department of Admini-
stration
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



LOCATION:
Charleston, WV

SIZE:
22,000SF

COST:
\$3.7M

COMPLETION:
2010

CONTACTS:

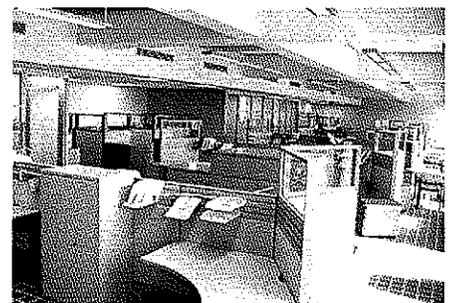
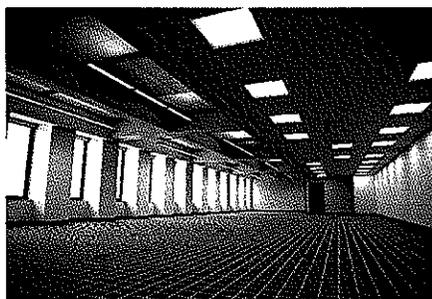
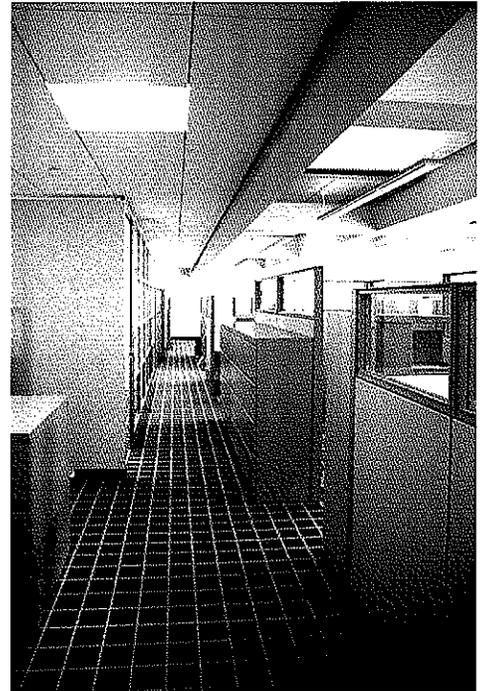
Mr. David Oliverio
Director
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1900 Kanawha Blvd. E
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stration
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To improve the opportunity for daylighting, office spaces have been "pulled-in" to the 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 a consistent look and level of finish at the entry point to the Office of Technology.



St. Albans High School

Kanawha County Schools



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



One outstanding feature of the completed renovation of St. Albans High School is its unique, inviting physical entryway and the aesthetically pleasing and functional commons/cafeteria area. The commons is a visual focal point of the school creating a natural flow from the front entrance, through the commons to the outside assembly/instructional area, it also serves as a connecting hub between the academic spaces and the physical education and auditorium areas.

Significant green space was retained and enhanced which providing an inviting and safe approach to the high school building. An outside amphitheater, located adjacent to the music and theater departments, provides ample space for music and drama productions as well as a gathering space for students. In response to the students need for more "outside living space" the rear dining plaza was created. It has a visual impact on the interior and provides a flexible learning environment for the students and educators.

The addition of an auxiliary gym, renovations to the auditorium complex, a new media center and other additions and improvements allow spaces for more extensive use by the community. Renovations to the auditorium resulted in a space that is educationally functional and is a source of pride for the students and the entire community.



St. Albans High School

Kanawha County Schools



LOCATION:
St. Albans, West Virginia

SIZE:
216,500 SF

COMPLETION:
2003

COST:
\$24 Million

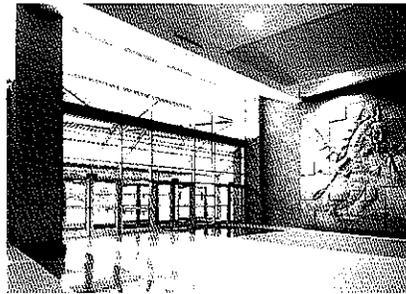
CONTACT:
Dr. Ron Duerring
Superintendent
200 Elizabeth Street
Charleston, WV 25523
304.348.7732

AWARDS:

Impact on Learning Award
Effective Transformation

Education Design Showcase
Outstanding Building Design

American School & University
Outstanding Building Design



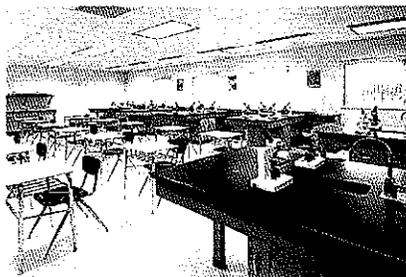
Instructional spaces have been designed to be flexible, adaptable and accommodating for the more active, student oriented instructional programs and methods of the district. Classroom and other spaces are bright and welcoming for students and staff and appropriate space and equipment are provided to allow for the efficient and effective delivery of program objectives.



Responding to concerns from students, staff and the community, and due to the condition of existing science facilities, science wing was completely replaced with modern, functional and flexible space and equipment.



Provisions for new and emerging technologies were greatly enhanced throughout the building. The new media center is the central hub for technology and with the inclusion of an appropriate infrastructure, providing flexibility needed for the technology of the future.



St. Albans High School was completed during the summer of 2003 and was occupied by the student body at the beginning of the 2003-2004 school year.

Joint Interagency Training & Education Center

WVARNG



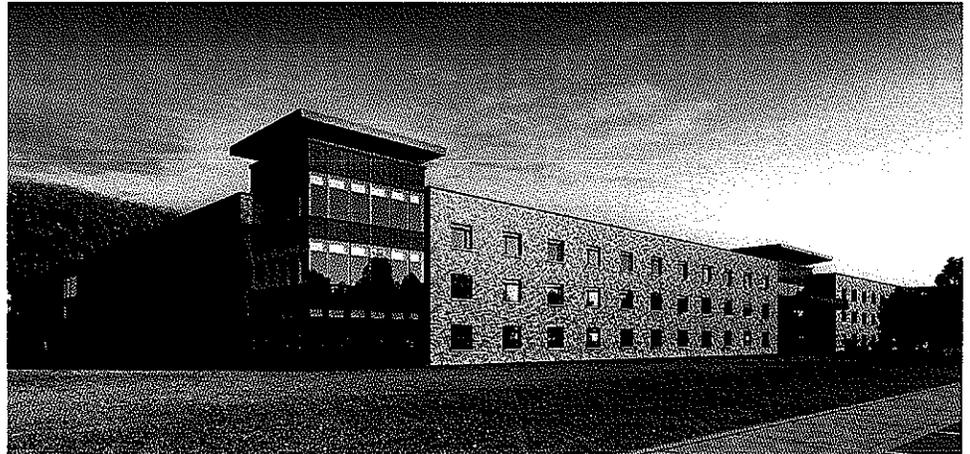
LOCATION:
Kingwood, West Virginia

SIZE:
285,000 SF

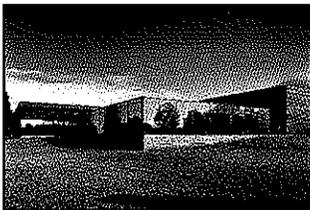
COMPLETION:
Est. 2012

COST:
\$110 Million

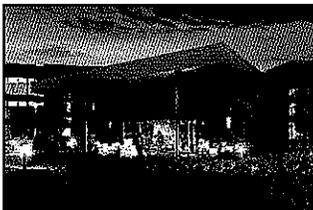
CONTACT:
Brigadier General Melvin
L. Burch
WVARNG
1707 Coonskin Drive
Charleston, WV 25311
304.561.6450



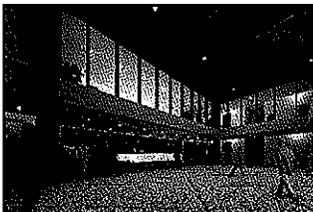
ZMM, in association with AECOM, is providing architectural and engineering design services for the Joint Interagency Training and Education Center (JITEC), an Army National Guard campus-style facility for training and operational mission support. Sited on 30 acres at the northern end of Camp Dawson between 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 check-point 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



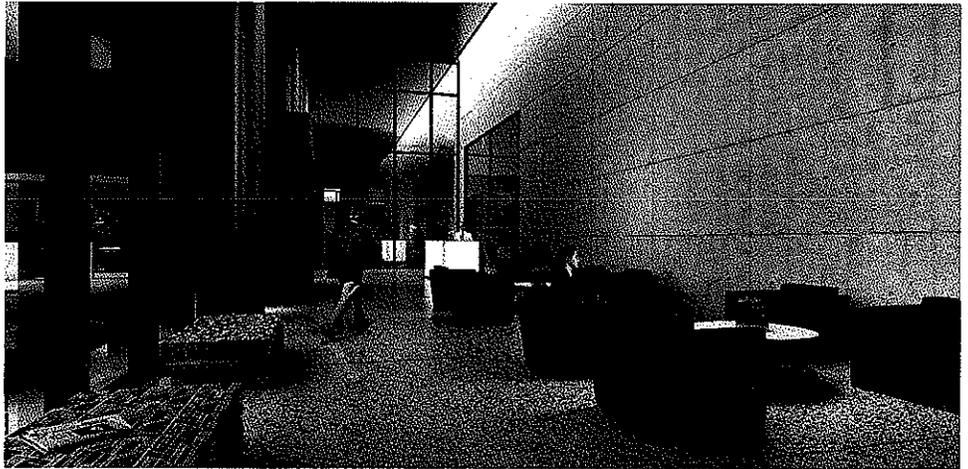
LOCATION:
Kingwood, West Virginia

SIZE:
285,000 SF

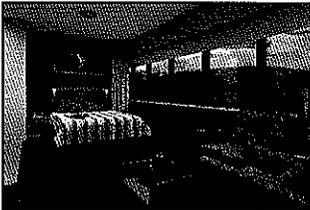
COMPLETION:
Est. 2012

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.

Construction & Facilities Management Office

WVARNG



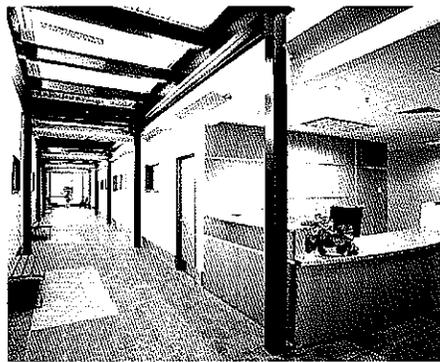
LOCATION:
Charleston, West Virginia

SIZE:
19,935 SF

COMPLETION:
2008

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

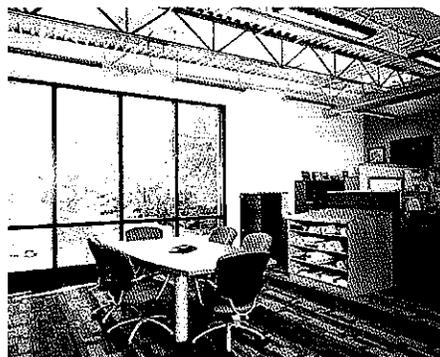
AWARDS:
2009 AIA Merit Award
West Virginia Chapter
Achievement in Architecture



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.



LOCATION:
Charleston, West Virginia

SIZE:
14,000 SF

COST:
\$3.7M

COMPLETION:
2007

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



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.



Judge Black Courthouse Annex

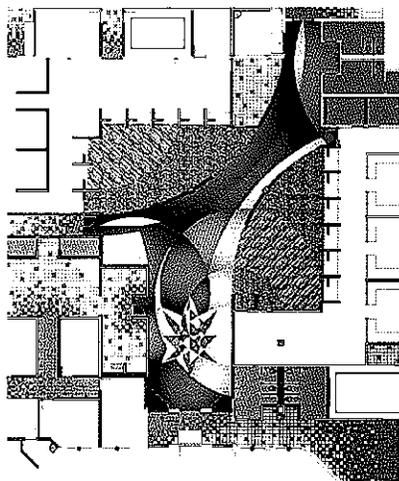
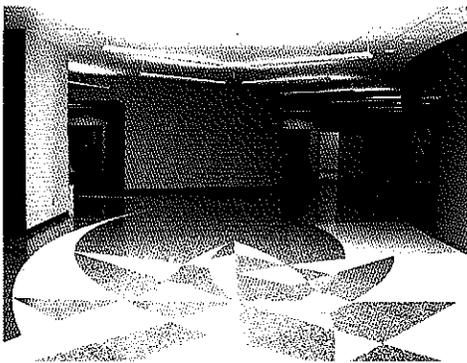


LOCATION:
Parkersburg, West Virginia

SIZE:
36,828 SF

COMPLETION:
2005

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



The Judge Black Annex project involved renovating an existing commercial building into county office and courtroom space for the Sheriff's Tax Office, Assessor's Office, Prosecuting Attorney's Office, and the Family Court. The design provided both secure and non-secure circulation, while taking advantage of the existing structural configuration to create large open volumes that lend the building prominence.

The interior design utilized rich colors and dramatic visual accents in public areas, with finishes selected for durability. Layered planes of varying colors accent the building's depth, and skylights provide daylight to county staff throughout the renovated office areas. Exterior improvements included the elimination of an existing storefront system as well as a change in the fenestration, to more closely match the existing courthouse and to change the character and typology of the existing facility.

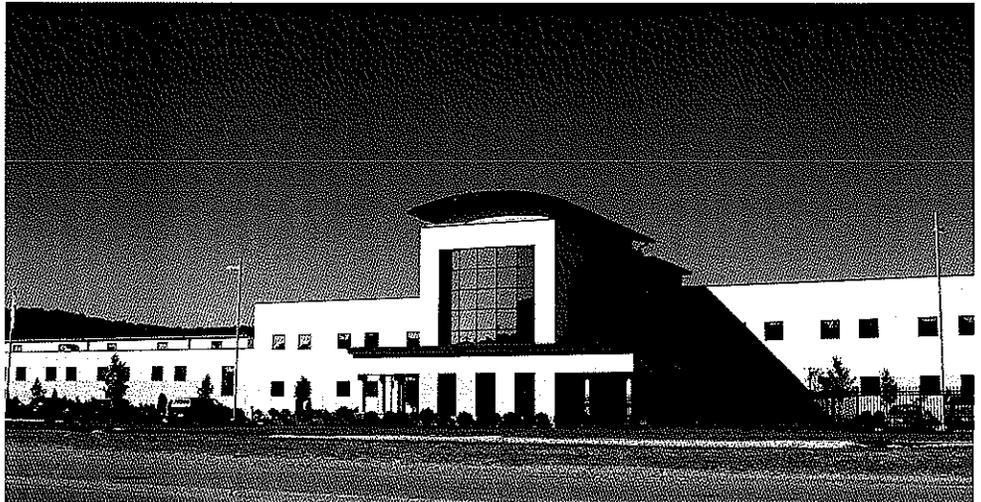
Dow Plant Headquarters Building



LOCATION:
South Charleston,
West Virginia

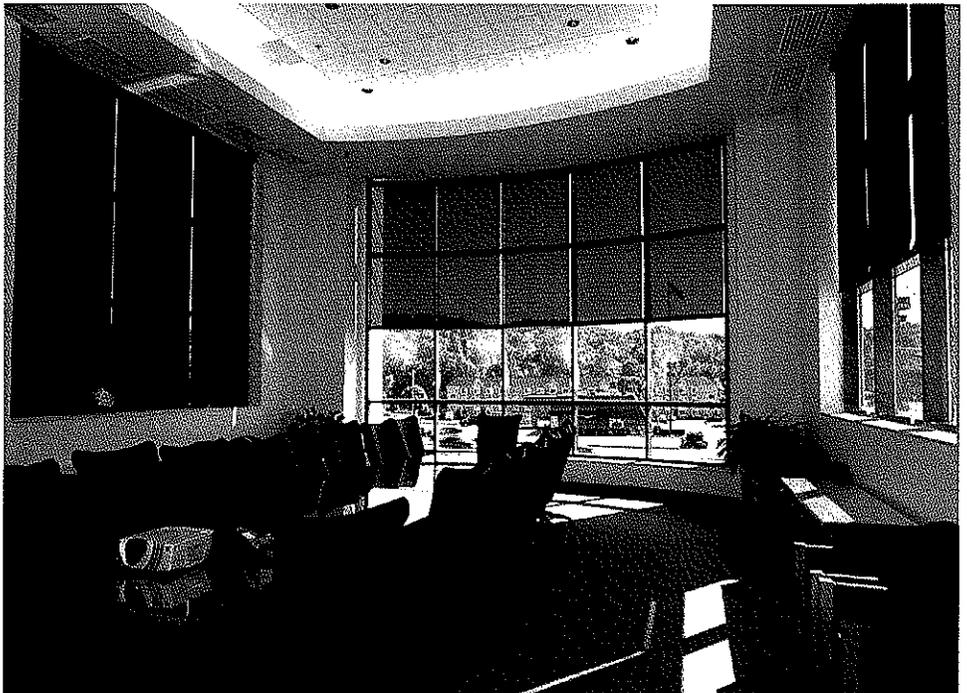
SIZE:
27,200 SF

CONTACT:
Jim Guidarini
Plant Manager
437 MacCorkle Avenue
South Charleston, WV
25303
304.746.5471



ZMM was responsible for the master planning as well as architectural and engineering design for renovations and additions to the existing plant shop to serve as the main plant headquarters housing all plant maintenance and engineering personnel.

The renovation includes open office space, an emergency operations center, locker rooms, a lunch room and plant conference center.



History and Philosophy of 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



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:





ZMM has been dedicated to the integrated approach to building design 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.

Advantages of an integrated Design Approach:

- The Owner has a Single Point of Design Responsibility
- Improved Design Schedule
- Improved Coordination of Documents
- Improved Construction Phase Services
- Well Coordinated Documents Lead to Better Bids for the Owner

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 the following professional services:

Pre-Design

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

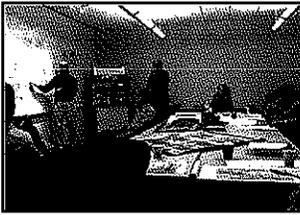
Post Design

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

Design

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

Quality Assurance



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 advantage of early sustainable design decision-making. The project requirements are included in a 'Basis of Design' that each member of the project 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 reviews typically include participation from the owner and the contractor

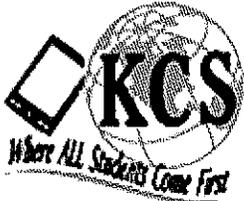
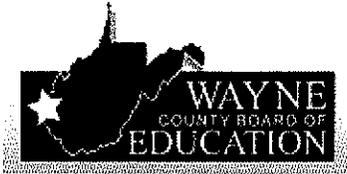
6. Staff Training, Assessment and Enhancement

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.

Quality Assurance



The quality of our work is key to our continued success and repeat client base.



ADAM R. KRASON

AIA, NCARB, LEED AP



Position

Project Manager

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

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

Joint Interagency Training and Educational Center (JITEC)

State of West Virginia Division of Juvenile Services

Wood County Justice Center

Nicholas County High School Additions/Renovations

West Virginia University at Parkersburg, Downtown Façade

The Boulevard at 2412 - Residential Housing Project

Judge Black Courthouse Annex

Parkersburg Catholic Schools

Mountaineer Middle School

DAVID E. FERGUSON

AIA, REFP



Position

Principal

Education

B.S., Industrial Technology/Architectural Design; West Virginia State University, Institute, West Virginia; 1979

Employment History

2002-Present, Principal, ZMM

2001-Present, Board of Directors, ZMM

2001-Present, Project Architect, Project Manager, ZMM

1996-2001, Project Architect, ZMM

1984-1996, Designer, ZMM

1983-1984, Designer, Cilco, Inc.

1980-1983, Designer, Union Carbide Corp.

1979-1980, Drafting/Design, Parkline, Inc.

Professional Credentials

Registered Architect (WV, OH)

Professional Member, American Institute of Architects

Professional Member, West Virginia Chapter of the AIA

Director, West Virginia Chapter of the AIA

Professional Member, US Green Building Council

Member, Council of Educational Facility Planners International

Recognized Educational Facility Professional (REFP) by CEFPI

Community/Professional Service

High School Student Mentor/Job Shadowing Program

West Virginia AIA IDP Program Mentor/Advisor

West Virginia State Department of Education - Policy 6200

Revision Committee

West Virginia School Building Authority Performance and Design

Standards Committee

Professional Experience

Mr. Ferguson's responsibilities at ZMM include all aspects of project management and scheduling, project programming, educational facility planning, project budgeting, code compliance reviews, architectural design and presentation, quality control. He is also responsible for client and public meetings from small to multi-million dollar projects. As a Principal of the firm he has corporate administrative duties and serves on the Board of Directors for ZMM.

Throughout his tenure at ZMM, Mr. Ferguson's emphasis has been on Educational Design and has had extensive design experience with Industrial, Healthcare, Retail, Public, Governmental, and Recreational Facilities. He is a *Recognized Educational Facility Professional International* and has been involved in the planning and construction on over 80 educational facilities.

ROBERT C. DOEFFINGER

PE



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 Cal-
culations

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.



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

Highland Hospital

State of West Virginia Division of Juvenile Services

West Virginia Regional Jail & Correctional Facility Authority

WV Army National Guard - Glen Jean Armed Forces Center

WV Army National Guard - Logan Readiness Center

WV Army National Guard - CFMO Expansion Project

Lincoln County High school

Saint Albans High School



Position
Project Architect

Education
Bachelor of Architecture; University of Tennessee, Knoxville, Tennessee;
1992

Employment History
2003-Present, Project Architect, ZMM
2001-2003, Director of Architecture, West Virginia Area Architectural Firm
1997-2001, Project Architect/Associate, Florida Area Architectural Firm
1992-1997, Intern/Project Architect, ZMM

Professional Credentials
Registered Architect (West Virginia)
Professional Member, American Institute of Architects

Professional Experience
Mr. Estep began his career in Architecture with ZMM, Inc. in 1992. In 1997, he moved to St. Petersburg, FL and worked as a Project Architect at a large Architectural Design Firm where he gained additional experience in Commercial Design. He returned to ZMM, Inc. in 2003.

Mr. Estep is responsible for the overall work process relating to design, documentation and bidding. In addition to his project management responsibilities, Mr. Estep also manages ZMM's Design Review Program.

He is also responsible for generating construction details as necessary to ensure compliance with design intent, performing building code/ordinance analysis, coordinating structural, mechanical and electrical systems, and establishing project goals consistent with the contract and project schedules. He presides at project kick-off meetings with design teams to communicate construction budgets, goal, and schedules and conducts regular team meetings to update information, changes, budgets, and facilitates communications among team members.

Project Experience
Kanawha County Public Library
Erma Byrd Center
Milton Middle School
West Side Elementary School
Jaeger - Big Creek High School
Bradshaw Elementary
Big Otter Elementary School
Highland Hospital
WV Housing Development Fund
Wood County Justice Center

HANK WALKER

AIA, LEED AP



Position

Project Architect, ZMM

Education

B.S., Architecture; University of Cincinnati, Cincinnati, Ohio; 1973

Employment History

1980-Present, Project Architect; ZMM

1977-1980, Architectural Draftsman and Designer; ZMM

1973-1976, Designer/Community Planner; Peace Corps, Iran

Professional Credentials

Registered Architect (WV)

LEED Accredited Professional

Civic and Professional Affiliations

Professional Member; American Institute of Architects

Professional Member; West Virginia Society of Architects

Executive Board Member; Salvation Army Advisory Board

Professional Experience

Mr. Walker began his career in Architecture with ZMM, Inc. in 1977. He is responsible for the overall work process relating to design, documentation and bidding. In addition to his project management responsibilities.

He is also responsible for generating construction details as necessary to ensure compliance with design intent, performing building code/ordinance analysis, coordinating structural,

Project Experience

West Virginia State Office Buildings 5,6 & 7

State of West Virginia Division of Juvenile Services

Alderson Federal Prison Camp

Hazelton Federal Prison Camp

West Virginia Army National Guard Family Readiness Center

Stonewall Jackson Lake State Park

Resort at Glade Springs

Braxton County Memorial Hospital

Greystone on The Cheat

Beverly Hills Middle School

Barboursville Middle School

Brookview Elementary School

Sissonville Library



Position

Structural Engineer

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

Southside Elementary/Huntington Middle School

New River Elementary - Supplemental Support

Hacker Valley Elementary - Supplemental Support

Barboursville Middle School - Supplemental Support

Glen Jean Armed Forces Center - Joist Reinforcement

West Virginia Cultural Center



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:**
- Highland Hospital
 - State of WV Office Buildings 5, 6 & 7
 - 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
 - Goodwill Industries Addition
 - Cedar Lakes Conference Center Roadwork
 - Kanawha Valley Senior Services
 - West Virginia Housing Development Fund



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. Casdorff 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
Jaeger 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

JILL M. WATKINS

IIDA, LEED AP



Position

Sustainability Coordinator/Interior Design

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.

ZMM Project Experience

Highland Hospital

West Virginia State Office Buildings 5, 6, & 7

Joint Interagency Training and Education Center (JITEC)

West Virginia Housing Development Fund

Wood County Justice Center

West Virginia Army National Guard - Ripley Armed Forces Reserve Center

Additional Project Experience

The University of Akron Arts & Sciences/Student Affairs Building

Cleveland State University - Recreation Center/Library Renovation

Notre Dame College of Ohio - Multiple Projects

Beachwood Middle School

Midwest Research

Procter & Gamble - Gillette Headquarters

MARK T. EPLING

AIA, NCARB, CSI-CDT, LEED AP



Position

Architect , Specifications Writer

Education

B.A., Architecture; Virginia Polytechnic Institute and State University, Blacksburg, Virginia; 1977

Employment History

1998 - Present, Project Architect/Specification Writer, ZMM

1997 - 1998, Project Architect, Ohio Architectural Firm

1982 - 1997, Self-Employed Architect

1978 - 1982, Intern Architect, Ohio Architectural Firm

Professional Credentials

Registered Architect (OH and WV)

LEED Accredited Professional

NCARB Certification

CSI Technologist

Construction Document Technologist

Civic Affiliations

Professional Member, American Institute of Architects

Professional Experience

Mr. Epling has been employed with ZMM since 1998. Prior to working for ZMM, Inc., Mr. Epling worked for several architectural firms in Columbus, Ohio and later started and maintained his own private practice for 14 years in Gallipolis, Ohio. His experience includes the design and production of projects with an emphasis on Commercial, Educational, Correctional, Ecclesiastic, and Industrial Facilities.

Specific project responsibilities include development of Construction Drawings and Specifications.

Project Experience

Erma Byrd Center

Joint Interagency Training & Educational Center (JITEC)

Milton Middle School

Barboursville Middle School

Southside Elementary/Huntington Middle School

laeger - Big Creek High School

Saint Albans High School

New River Elementary School

Bradshaw Elementary School

Hacker Valley Pre K -8 School

Dow Plant Headquarters

CFMO Expansion

WV Army National Guard - Glen Jean Armed Forces Center

GLENN R. SAVAGE

CSI-CDT, CSI-CCS



Position

Construction Administrator

Education

B.S., Environmental Science; University of Charleston, Charleston, West Virginia; 1997

A.S., Mathematics; West Virginia State University, Institute, West Virginia; 1992

Employment History

1998-present, Construction Administrator; ZMM

997-1998, Environmental Project Manager; West Virginia Area Engineering Firm

1992-1997, Environmental and Construction Quality Control Manager; West Virginia Area Construction Company

1981-1992, Field and Laboratory Testing Manager; West Virginia Area Environmental Engineering Firm

Professional Credentials

CSI, Certified Construction Specifier (Construction Specification Institute)

CDT, Certified Construction Document Technologist

Professional Experience

Mr. Savage has performed construction administration services on a variety of building types including: Educational Facilities; Correctional Facilities; and Office/Light Industrial Facilities.

Mr. Savage's past experience in the construction testing and environmental fields is a benefit to clients during the site preparation and foundation installation.

Project Experience

Highland Hospital

Summersville Hospital Medical Building

Mountaineer Middle School

Nicholas County High School

East Greenbrier High School

Gauley Bridge Elementary

Cacapon State Park

Blackwater Falls State Park

Ronceverte Elementary School

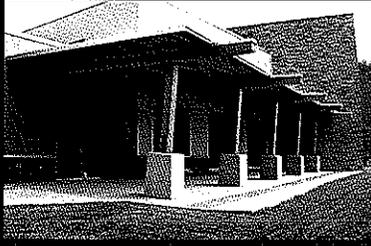
Mount View High School

Western Regional Jail

Alderson Federal Prison Camp

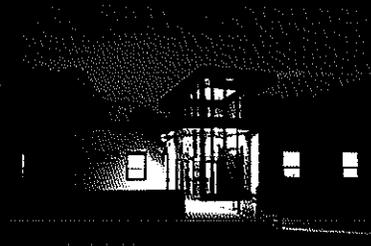
Jean Dean Safety/Law Enforcement Building

Award Winning Design



2010

Hacker Valley PK-8 School
Hacker Valley, WV
2010 - Honor Award
"Excellence in Architecture"
AIA West Virginia Chapter



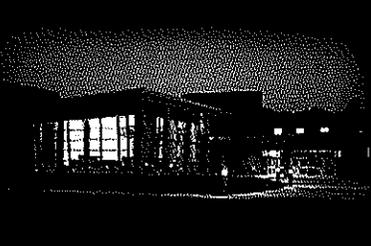
2009

Construction & Facilities
Management Office
Charleston, WV
2009 - Merit Award
"Achievement in Architecture"
AIA West Virginia Chapter



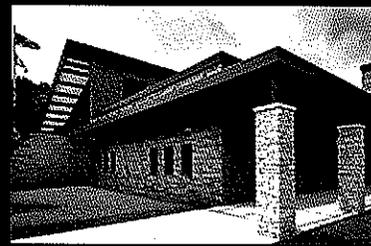
2008

Erma Byrd Center
Beckley, WV
2008 - Honor Award
"Excellence in Architecture"
AIA West Virginia Chapter



2007

Lincoln County High School
Hamlin, WV
2007 - Honor Award
"Excellence in Architecture"
AIA West Virginia Chapter
Education Design Showcase
"Project of Distinction Award"
American School & University
"Outstanding Building Design"



2006

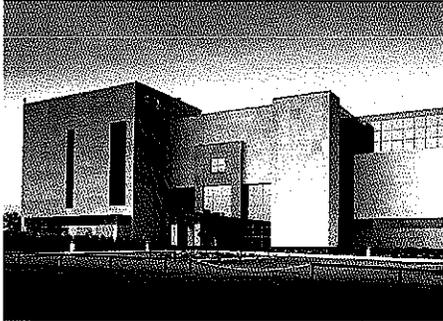
Gene Spadaro
Juvenile Center
Mount Hope, WV
2006 - Merit Award
"Achievement in Architecture"
AIA West Virginia Chapter



2004

St. Albans High School
St. Albans, WV
2004 - Impact in Learning Award
"Effective Transformation"
Education Design Showcase
"Outstanding Building Design"
American School & University
"Outstanding Building Design"

Additional Award Winning Design



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

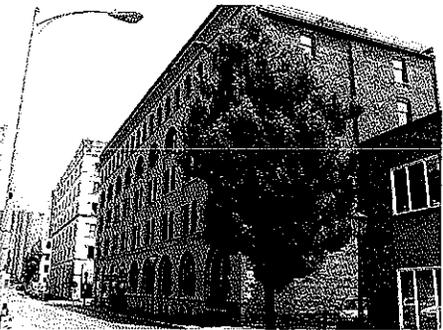
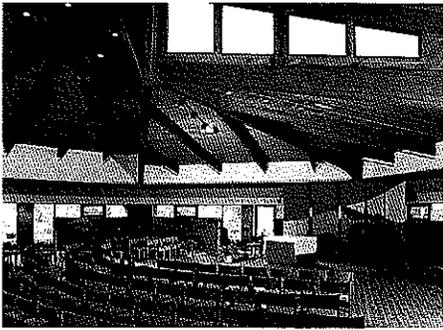
Corporate Office Building
Contractors' Association of West Virginia
Charleston, West Virginia

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



Client References

Chuck Lawrence, Executive Director

Department of Administration
Real Estate Division
1409 Greenbrier Street
Charleston, WV 25311
304.558.3490

Brigadier General Melvin L. Burch

Construction Facilities Management Office
WV Army National Guard
1707 Coonskin Drive
Charleston, WV 25311
304.561.6450

William Smith, Superintendent

Cabell County Schools
2850 5th Avenue
Huntington, WV 25601
304.528.5030

Father Thomas S. Acker, S.J., Executive Director

The Higher Education Foundation
200 Main Street
Beckley, WV 25801
304.929.2010

David L. Roach, Superintendent

Lincoln County Schools
10 Marland Avenue
Hamlin, WV 25523
304.824.3033

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.

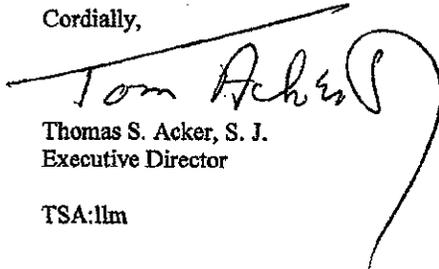
Our contract with you began in December, 2005. We had to complete architectural plans, bid the building, secure a contractor, and begin construction by July, 2006, in order to meet an opening date of August, 2007. ZMM was the perfect partner with us as we forged a new building on a yet raw campus and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

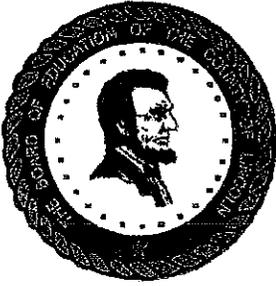
I simply wanted to send you this note of thanks for accepting a very daunting task, completing it with excellence, maintaining the very restricted budget, and making this whole project successful. We are now looking forward to a second building, and while we probably need by state law to seek architectural 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,



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
Superintendent of Schools



**WEST VIRGINIA ARMY NATIONAL GUARD
CONSTRUCTION & FACILITIES MANAGEMENT OFFICE**

1707 Coonskin Drive

Charleston, West Virginia 25311-1085

Phone: 304-561-6339 Fax: 304-561-6458 DSN: 623-6339



15 April 2009

WV Higher Education Policy Commission
Chief Procurement Officer
Richard Donovan
1018 Kanawha Blvd. East
Suite 700
Charleston, WV 25301

Dear Mr. Donovan,

The AECOM/ZMM Team has been assisting the West Virginia Army National Guard with the design of a 285,000 SF addition to the Robert C. Byrd Regional Training Institute (RTI) at Camp Dawson, near Kingwood, West Virginia. The new JITEC (Joint Interagency Training and Education Center) will include highly flexible educational facilities that will serve a dual use in the case of a state wide or national emergency. These facilities will include sophisticated data systems, video walls, and also incorporate a high level of electronic security.

The AECOM/ZMM Team has exceeded our expectations, delivering a high level of local expertise, complimented by the knowledge base of a large design firm. The Team's commitment to design quality has been demonstrated through the development of a site strategy that evokes a campus, while maintaining all of the programmed spaces in one facility. The JITEC design balances the need to re-orient the campus while also complimenting the existing RTI. The technical ability of the AECOM/ZMM Team has also been demonstrated through the design of redundant power and HVAC systems, as well as through the examination of various building components to meet the requirements of LEED Silver.

The AECOM/ZMM Team has been very responsive and has done an excellent job of communicating the West Virginia Army National Guard's vision for this project. Additionally, the design team has provided these services within a compressed timeframe to meet our requirements. Please contact me if I can provide any additional information about our experience with the AECOM/ZMM Team.

MELVIN L. BURCH

Brigadier General

West Virginia Army National Guard

Assistant Adjutant General

The County Commission of Wood County

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



ROBERT K. TEBAY

RICK MODESITT

DAVID BLAIR COUCH

COUNTY ADMINISTRATOR

Marly Seuser
424-1976

COUNTY CLERK

Jamie Six
424-1850

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.

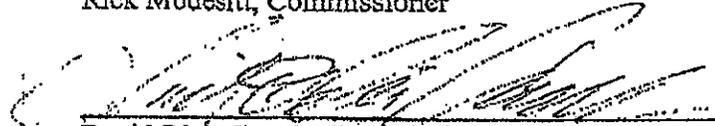
Mr. Krason has always been extremely professional and has proven himself to be very flexible in meeting our needs. He is friendly and easy to work with. He has proven to be an asset to the County and we anticipate a long-term relationship with ZMM, Inc. in the coming years.

Sincerely,

THE COUNTY COMMISSION OF WOOD COUNTY


Robert K. Tehay, President


Rick Modesitt, Commissioner


David Blair Couch, Commissioner

WCC:ah

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

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

DEFINITIONS:

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

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

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

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

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: ZMM, Inc.

Authorized Signature: AL RK Date: 30 NOV 2010

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 30th day of November, 2010.

My Commission expires 10-6, 2018.

AFFIX SEAL HERE

NOTARY PUBLIC Lisa E. Bowles

