



Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

State of West Virginia  
 Centralized Expression of Interest

<b>Proc Folder:</b> 1083383			<b>Reason for Modification:</b>
<b>Doc Description:</b> EOI To build kitchen facility - WV Veterans Home, Clarksburg			
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<b>BID RECEIVING LOCATION</b>	
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<b>VENDOR</b>	
<b>Vendor Customer Code:</b>	
<b>Vendor Name :</b> ZMM Architects and Engineers	
<b>Address :</b> 222 Lee Street, West	
<b>Street :</b>	
<b>City :</b> Charleston	
<b>State :</b> WV	<b>Country :</b> USA
	<b>Zip :</b> 25302
<b>Principal Contact :</b> Adam Krason	
<b>Vendor Contact Phone:</b> 304.342.0159	<b>Extension:</b> 234

**FOR INFORMATION CONTACT THE BUYER**  
 David H Pauline  
 304-558-0067  
 david.h.pauline@wv.gov

**Vendor Signature X**  **FEIN#** 550676608 **DATE** August 18, 2022

All offers subject to all terms and conditions contained in this solicitation

**DESIGNATED CONTACT:** Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.



\_\_\_\_\_  
(Name, Title)

Adam Krason, Principal

\_\_\_\_\_  
(Printed Name and Title)

222 Lee Street, West

\_\_\_\_\_  
(Address)

304.342.0159 / 304.345.8144

\_\_\_\_\_  
(Phone Number) / (Fax Number)

ark@zmm.com

\_\_\_\_\_  
(email address)

**CERTIFICATION AND SIGNATURE:** By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

*By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.*

ZMM Architects and Engineers

\_\_\_\_\_  
(Company)



\_\_\_\_\_  
(Authorized Signature) (Representative Name, Title)

Adam Krason, Principal

\_\_\_\_\_  
(Printed Name and Title of Authorized Representative)

August 18, 2022

\_\_\_\_\_  
(Date)

304.342.0159 / 304.345.8144

\_\_\_\_\_  
(Phone Number) (Fax Number)



# Statement of Qualifications

WV Veterans Nursing Facility  
Clarksburg, WV

New Kitchen Facility

August 18, 2022





August 17, 2022

Mr. David H. Pauline, Senior Buyer  
Department of Administration, Purchasing Division  
2019 Washington Street East  
Charleston, WV 25305

**Subject: Expression of Interest to Provide Architecture and Engineering Services for a New Kitchen Facility for the WV Veterans Home, Clarksburg – VFN230000002  
1 Freedoms Way - Clarksburg, WV**

Mr. Pauline:

ZMM Architects and Engineers is pleased to submit the attached information to demonstrate our experience and our qualifications to provide professional architecture and engineering services for a New Kitchen for the WV Veterans Home in Clarksburg. As noted in the Expression of Interest the WV Veterans Nursing Facility in Clarksburg was constructed in 2007. The approach developed at the time was to provide food service from a nearby medical center. This approach has not provided adequate service to the veterans and the intent of this project is to develop a “fully functioning industrial kitchen where food can be stored, prepped, cooked, and served from its own facility.”

Established in 1959, ZMM is a West Virginia based, full service A/E firm, and is noted for design excellence and client focus. Our integrated design approach makes ZMM unique among design firms in West Virginia, and will help to ensure the quality of the services that we will provide. *The ability to provide engineer services in-house will be a benefit for this project since kitchens require significant coordination with plumbing, mechanical, and electrical systems.* We are confident that our previous experience providing design services on kitchen projects, our team’s experience assisting various state agencies with similar projects, and our ability to offer both architectural and engineering services with our in-house team will help ZMM successfully deliver this project for the Department of Veterans Assistance.

Below please find a list of additional qualifications of the ZMM team that will lead to the successful implementation of your project:

- **West Virginia State Government Experience.** ZMM regularly works with various state agencies to help implement kitchen, office, recreational, gathering/training space, educational, and residential projects.

ZMM’s diverse portfolio includes work for the following state agencies:

West Virginia General Services Division  
West Virginia Army National Guard  
West Virginia Division of Natural Resources  
West Virginia State Police  
West Virginia Department of Education  
West Virginia Department of Agriculture  
West Virginia Department of Transportation  
West Virginia Higher Education Policy Commission  
West Virginia Lottery  
West Virginia School Building Authority

- **Kitchen Design Experience.** In addition to our work with the various state agencies noted above, ZMM has provided design services on kitchen projects throughout West Virginia. While many of the

**Blacksburg**  
200 Country Club Drive SW  
Plaza One, Building E  
Blacksburg, Virginia 24060  
540-552-2151

**Charleston**  
222 Lee Street West  
Charleston, West Virginia 25302  
304-342-0159  
[www.zmm.com](http://www.zmm.com)

**Martinsburg**  
5550 Winchester Avenue  
Berkeley Business Park, Suite 5  
Martinsburg, West Virginia 25405  
304-342-0159

kitchens that ZMM has designed are in schools, readiness centers, and correctional facilities throughout the state, our experience also includes kitchens for gathering spaces such as at the Charleston Coliseum and Convention Center, the Valley Park Community Center, and the cafeteria and Liberty Lounge at the Joint Interagency Training and Education Center at Camp Dawson. ZMM also provided the engineering services to help implement the Capitol Cafeteria project and recently provided design services to upgrade the restaurant, bar, and serving areas at Pipestem Resort State Park.

- **Quality.** ZMM has a history of providing high quality design services throughout West Virginia. This quality has been recognized by the quantity of repeat clients, as well as with both statewide and national planning and design awards. *In fact, ZMM's commitment to design quality has been recognized by the American Institute of Architects West Virginia Chapter with twenty-four design awards since 2005 – an achievement unrivaled in West Virginia.*
- **Schedule and Budget Control.** Our team has a demonstrated history of delivering challenging projects on schedule and within the owner's budgetary constraints. We accomplish this by helping to clearly define the scope, and then working as a team to develop affordable design solutions. ZMM also utilizes independent cost estimates to validate the anticipated construction cost.
- **Talent.** With over sixty-five local employees ZMM provides an integrated design approach by delivering all building related design services including architecture, engineering (civil, structural, mechanical, and electrical), interior design, and construction administration in-house. ZMM's team includes twelve registered architects, fourteen professional engineers, two interior designers, and construction administrators. Our architects and engineers are highly qualified and have worked together to deliver projects with similar scope and complexity.

Thank you for taking the time to review the attached qualifications that includes information about our firm history, anticipated concepts and methods of approach, staff member qualifications, relevant project experience, and references. Additionally, please visit our website at [zmm.com](http://zmm.com) to see the full range of projects that we have designed, and to learn about working with ZMM from a client's perspective. We appreciate your consideration for this important assignment and look forward to the opportunity to assist the Department of Veterans Assistance with the WV Veterans Nursing Facility New Kitchen project.

Respectfully submitted,

**ZMM Architects and Engineers**



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



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# New Kitchen Facility for the WV Veterans Home, Clarksburg:

Approach to Meet Goals and Objectives, Project Management Plan, Quality Control Plan, Cost Control Plan

## BACKGROUND

As noted in the Expression of Interest the WV Veterans Nursing Facility in Clarksburg was constructed in 2007. The approach developed at the time was to provide food service from a nearby medical center. This approach has not provided adequate service to the veterans and the intent of this project is to develop a "fully functioning industrial kitchen where food can be stored, prepped, cooked, and served from its own facility."



The EOI defines the following Goals and Objectives:

*"2.1 The work for this project is to design and to perform construction administration services for the construction of an 1,800 to 2,000 square foot kitchen for the WV Veterans Nursing Facility and provide a complete bid package that adheres to the WV Purchasing Division suitable for advertisement using State purchasing procedures, meeting all appropriate building codes, ADA compliance, force protection standards."*

**ZMM proposes to provide the following services to meet this goal:**

- Develop As-Built Documentation of Existing Facility
- Kitchen Planning and Design
- Specify Kitchen Equipment and Refrigeration System
- Develop a Preliminary and Budget
- Provide Architecture and Engineering Services to Implement and Support the New Kitchen. Proposed services will include:

Architectural Design  
Interior Design  
Engineering Design to Include:

- Electrical Service for Equipment
  - Gas Service for Equipment
  - Water Service Including Domestic Hot Water Requirements for Equipment and Sinks
  - Sanitary Service
  - Kitchen Hood, Fire Suppression, and Make-Up Air
  - Grease Trap
- Design Improvements to Meet Building and Life Safety Code
  - Coordinate Improvements with the Local Health Department
  - Provide Bidding Phase Services:
    - Develop Advertisement for Bid
    - Attend Pre-Bid Meeting
    - Respond to Contractor Questions
    - Prepare Addenda
    - Open and Review Bids
    - Contractor Recommendation



- Construction Phase Services:
  - Participation in Pre-Construction Meeting
  - Coordination of Construction Phase Testing
  - Observation of Construction Progress
  - Working Collaboratively with the Owner and Construction Team
  - Serve as the Liaison Between the Owner and Contractor
  - Participate in Regular Site Visits/Construction Progress Meetings
  - Participate in Pre-Installation Meetings
  - Certify Applications for Payment by the Contractor
  - Process RFI's, Submittals and Change Orders
  - Conduct HVAC and Electrical Inspections
  - Conduct Punch-List and Final Inspections
  - Coordinate Testing & Balancing or Commissioning (when required)



- Issue Certificate of Substantial Completion
- Schedule/Coordinate 11 Month Warranty Inspection

*“2.2 Vendors should provide information regarding employees, such as staff qualifications and experience in completing similar projects; references; copies of any staff certifications or degrees applicable to this project; proposed staffing plan; descriptions of past projects completed entailing the location of the project, project manager name and contact information, type of project, and the project goals and objectives and how they were met.”*

ZMM has provided relevant project information in Section 3 of this proposal, and information about our proposed team in Section 4.

*“2.3 Vendor is responsible for the entire design of the project, to include site layout, any surface or sub-surface investigations required, draining, electrical, plumbing, and structural requirements and permits from any city, state or federal municipality required.”*

ZMM will provide the design services noted above utilizing our in-house architecture and engineering team. ZMM will also provide any required site investigative services as part of our professional services proposal and assist with permit preparation and submission.

*“2.4 All equipment requirements shall take into consideration environmental aspects relating to noise abatement, water, and energy savings, etc. while adhering to nursing home regulations concerning sanitation and disinfection especially in relation to COVID-19, MRSA, staph, pneumonia, influenza and any other communicable disease or bacteria prevention.”*

If selected to assist with the kitchen project, ZMM commits to working closely with the West Virginia Veterans Home to ensure that the equipment and systems selected, designed, and constructed are efficient and maintainable. ZMM also commits to designing systems that implement best practices, including improved HVAC controls, increased filtration, UV lighting, and bipolar ionization to help control the spread of COVID-19, MRSA, staph, pneumonia, influenza (and other communicable disease or bacteria prevention), while also striving to improve indoor air quality for residents and staff.





ZMM Architects and Engineers has extensive kitchen design experience. While many of the kitchens that ZMM has designed are in schools, readiness centers, and correctional facilities throughout the state, our experience also includes kitchens for gathering spaces such as at the Charleston Coliseum and Convention Center, the Valley Park Community Center, and the cafeteria and Liberty Lounge at the Joint Interagency Training and Education Center at Camp Dawson. ZMM also provided the engineering services to help implement the Capitol Cafeteria project and recently provided design services to upgrade the restaurant, bar, and serving areas at Pipestem Resort State Park.

#### **PROJECT MANAGEMENT PLAN**

ZMM Architects and Engineers proposes to provide services on the project with a team of design professionals that have worked together on a variety of renovation projects throughout the state. The team will be led by Adam Krason (Principal) and Rodney Pauley (Project Manager). Mr. Krason and Mr. Pauley have led ZMM's effort on a variety of recent projects that included a kitchen, including improvements to the Charleston Coliseum and Convention Center, the Valley Park Community Center, and at the McKeever Lodge at Pipestem State Park.



Other key team members will include:

Carly Chapman - Interior Designer  
Grant White, PE - Electrical Engineer  
John Pruett, PE - Sr. Mechanical Engineer  
Mike Flowers - Plumbing Designer  
Mark Epling, AIA - Specifications Writer  
Keith Gonzales - Construction Administrator  
Amy Rhodes - Construction Administrative Assistant

ZMM's team has successfully collaborated on multiple renovation projects that included kitchens, including several that have been recognized with statewide design awards.

## **ZMM QUALITY CONTROL PLAN**

Quality control during the design phase begins with the selection of team members with experience working on projects that are similar to the current effort. ZMM Architects and Engineers staff possesses the kitchen and renovation design experience to ensure the success of the project. Quality control during the design phase will occur through regular, documented, project meetings between the design team and the Department of Veterans Assistance. In addition to the regular design phase meetings more formal QA/QC will occur at the end of each design phase. A more detailed description of the design phase quality control plan is noted below:

### **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 commencement. 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. We will commence the design effort with a planning session to help identify your vision for the project.

### **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 (35%)

Design Development Phase (65%)

Construction Documents Phase (95%)

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.

### **6. Staff Training, Assessment and Enhancement**

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

## **ZMM COST CONTROL PLAN**

As part of our effort to ensure our ability to meet the Department of Veterans Assistance's budget, ZMM will rely on both historic bidding data as well as independent estimates to verify the project budget. For

this project ZMM would utilize Win Strock to provide the independent estimate. ZMM and Mr. Strock have successfully collaborated on a number of projects, including:

- Camp Dawson Building 202 Improvements
- WVSP Information Services Center
- Marshall County Readiness Center
- Logan-Mingo Readiness Center
- Parkersburg Readiness Center
- Williamstown Elementary School
- Building 5, 6, & 7 Improvements
- Beech Fork Lodge
- WV State Police Information Services Center
- Edgewood Elementary School
- WV State Lottery Headquarters Renovation
- Brooks Manor Addition and Renovation
- WRTP Building 740 Improvements
- Charleston EDGE (Mixed-Use Housing)



ZMM has a history of working to successfully projects under challenging budget and schedule constraints. We commit to working with you to meet the budget and schedule for the proposed improvements to implement the kitchen at the WV Veterans Nursing Facility in Clarksburg.

# ABOUT ZMM ARCHITECTS & ENGINEERS

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**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 with our in-house team. Our integrated design approach makes ZMM unique among architecture/engineering firms, 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 over 60 years has provided ZMM with extensive experience in a variety of building types, including educational facilities, governmental facilities (military, justice, correctional), healthcare facilities, recreation facilities, commercial office space, light industrial facilities, and multi-unit residential buildings.

The original partners transferred ownership of the firm to Robert Doeffinger, PE and Steve Branner in 1986. Mr. Doeffinger and Mr. Branner helped guide and expand the firm to its present size of 35 people. Over the past 20 years David Ferguson, AIA, and Adam Krason, AIA, LEED-AP joined in ownership of the firm. In 2020, Randy Jones also joined in ownership of the firm when ZMM acquired Blacksburg-based OWPR Architects & Engineers to create a regional design firm that employs more than 50 highly-skilled professionals.

ZMM has become a leader in sustainable / energy-efficient design, and a trusted resource on complex renovation projects. ZMM's unique renovation project approach and ability to



## About ZMM Architects & Engineers (cont.)

provide comprehensive design services has also led the firm to be selected to improve landmark buildings, including the Charleston Coliseum & Convention Center, the Clay Center for the Arts and Sciences, the State of West Virginia Culture Center, and the West Virginia State Capitol Building. Additional significant projects designed by the firm include the Explorer Academy (Cabell County Schools), the Logan-Mingo Readiness Center, the Manassas Park Community Center and Natatorium, the design of the Fourth High School (Frederick County Public Schools), the new Harrington Waddell Elementary School (Lexington City Schools), CAMC Teays Valley ICU, and Ridgeview Elementary School (Raleigh County Schools). ZMM has also provided design services on more than 300 school projects throughout the region.

ZMM's building-related design services include:

### Pre-Design

Educational Facility Planning  
Existing Building Evaluation  
Space Planning  
Master Planning

Programming  
Feasibility Studies  
Site Evaluation and Analysis  
Construction Cost Estimating

### Design

Architectural Design  
Interior Design  
Lighting Design

Sustainable Design  
Landscape Architecture

### Engineering

Civil Engineering  
Mechanical Engineering  
Energy Consumption Analysis

Structural Engineering  
Electrical Engineering  
Net Zero Buildings

### Post-Design

Construction Administration  
Life Cycle Cost Analysis

Value Engineering  
Post-Occupancy Evaluation

As ZMM looks to the future, we remain committed to the ideal of providing high-quality, client-focused design solutions that meet budget and schedule requirements. We listen, we respond promptly with innovative and efficient solutions, and we deliver quality projects and develop lasting relationships. You see us in **YOUR** community every day.



# AWARD WINNING DESIGN

## 2020

**AIA West Virginia Chapter: Merit Award**  
*Achievement in Architecture for New Construction*  
Mountain Valley Elementary School  
Bluefield, West Virginia

**AIA West Virginia Chapter: Merit Award**  
*Achievement in Architecture*  
Ridgeview Elementary School  
Crab Orchard, West Virginia

## 2019

**AIA West Virginia Chapter: Honor Award**  
**AIA West Virginia Chapter: Citation Award**  
**AIA West Virginia Chapter: People's Choice Award**  
Charleston Coliseum & Convention Center  
Charleston, West Virginia

## 2018

**AIA West Virginia Chapter: Citation Award**  
*Unbuilt Project*  
Charleston EDGE  
Charleston, West Virginia

## 2017

**AIA West Virginia Chapter: Merit Award**  
*Achievement in Architecture*  
Explorer Academy  
Huntington, West Virginia

**AIA West Virginia Chapter: Merit Award**  
*Achievement in Sustainability*  
Logan - Mingo Readiness Center  
Holden, West Virginia

## 2016

**AIA West Virginia Chapter: Merit Award**  
*Achievement in Architecture in Interior Design*  
Christ Church United Methodist  
Charleston, West Virginia



# AWARD WINNING DESIGN

**AIA West Virginia Chapter: Merit Award**  
*Achievement in Architecture*  
Gauley River Elementary School  
Craigsville, West Virginia



**2015**  
**AIA West Virginia Chapter: Honor Award**  
*Achievement in Architecture in Sustainable Design*  
Edgewood Elementary School  
Charleston, West Virginia



**AIA West Virginia Chapter: Merit Award**  
*Achievement in Architecture*  
Kenna Pk-5 School  
Kenna, West Virginia



**2014**  
**AIA West Virginia Chapter: Merit Award**  
*Achievement in Architecture in Sustainable Design*  
Huntington East Middle School  
Huntington, West Virginia



**AIA West Virginia Chapter: Merit Award**  
*Achievement in Architecture*  
Southern West Virginia Community & Technical College  
Williamson, West Virginia



**AIA West Virginia Chapter: Merit Award**  
*Achievement in Architecture in Interiors/Graphics*  
Girl Scouts of Black Diamond Council  
Charleston, West Virginia

**2012**  
**AIA West Virginia Chapter: Honor Award**  
*Excellence in Architecture*  
West Virginia Housing Development Fund Building  
Charleston, West Virginia

**2011**  
**AIA West Virginia Chapter: Honor Award**  
*Excellence in Architecture in Historical Preservation*  
Southside Elementary/Huntington Middle School  
Huntington, West Virginia





# CHARLESTON COLISEUM & CONVENTION CENTER

LEED  
SILVER

LOCATION	SIZE	COMPLETION	COST	AWARDS
CHARLESTON, WV	283,000 SF	2018	\$100M	2019 AIA WV HONOR AWARD, CITATION & PEOPLE'S CHOICE AWARD

**The Charleston Coliseum & Convention Center expansion and renovation was a transformational project for both the city of Charleston and West Virginia.**

Our team built on the strong authentic character of Charleston to remake the Charleston Convention Center into a more efficient, sustainable, dynamic, and iconic best-in-class destination.

The design of the expansion and renovation of the Charleston Convention Center was inspired by the story of West Virginia. Defined by a rugged landscape, the early history of the state was dominated by extractive industries: salt, coal, timber, and trapping. This set the local character. Our design started with an organizational concept inspired by this history. The Convention Center has distinct active nodes to celebrate each activity; arena, convention, and banquet. These nodes are connected like the hills and cut-rock faces that are seen throughout the state, as people work to connect to each other through the landscape. The first critical design objective was to create separate entries and identities for the arena and convention center. This allowed for simultaneous events and clarity of use. For the Convention Center to thrive, it needed a real ballroom assembly space. Located overlooking the Elk River, the ballroom pre-function space is the most dramatic feature of the center.





# WEST VIRGINIA STATE CAPITOL

LOCATION | COMPLETION  
CHARLESTON, WV | 2007-2021

## ZMM Architects & Engineers has completed a variety of improvement project to the State of West Virginia Capitol Building.

The improvements included a renovation to the lower-level food court, a roofing replacement, toilet renovations, and various HVAC improvements – including a project to increase safety during the Covid-19 pandemic. The food court renovations included 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 also included the design of the first phase of a wet pipe sprinkler system. In addition, ZMM also provided the documents to replace the Capitol medium-voltage transformers. ZMM met a stringent timeline for a critical construction completion date.

ZMM replaced the roof of the Capitol Building, which included the main buildings, connectors, and base of the dome. All roof system components were reviewed for integrity and ability to control moisture collection and removal. The components included in the project were parapet walls, railings, wall conditions, colonnades, roof penetrations, roof drains, roof equipment, and walking surfaces. Additional projects included improvements to the Senate toilets, a report that mapped all of the mechanical equipment in Capitol Building, and various mechanical improvements to make portions of the Capitol more safe for occupants during the pandemic.





# JOINT INTERAGENCY TRAINING AND EDUCATION CENTER (JITEC)

LEED GOLD

LOCATION KINGWOOD, WV	SIZE 283,000 SF	COMPLETION 2013	COST \$100M	AWARDS 2011 AIA WV HONOR AWARD
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**ZMM, in association with AECOM, provided architectural and engineering design services for JITEC, an Army National Guard campus-style facility for training and operational mission support.**

Sited on 30 acres near Camp Dawson, this project included the design of a new operations building, expansion of the billeting facility, renovation of the training facility, and creation of a new base access control point (ACP) and visitor's center. The vision behind the site design and updated master plan is that of a college campus atmosphere. The facility is designed to meet all anti-terrorism/force protection criteria and has achieved LEED Gold Certification. The operations building is prominently sited as the main focal point upon entering Camp Dawson and consists of four distinct areas: the Joint Operations Center (JOC), a suite of secure training rooms, base headquarters and JITEC administrative offices, and a server and telecommunications room.

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. The billeting (hotel) expansion's lobby design provides a hotel atmosphere, underscored by the Liberty Lounge, an upscale bar and restaurant area, with wood finishes salvaged from the gymnasium floor of the former Preston County Armory.





# VALLEY PARK COMMUNITY CENTER

LOCATION HURRICANE, WV	SIZE 31,216 SF	COMPLETION 2018	COST \$8M
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**The 31,216 SF Community Center building is the centerpiece of a multi-million dollar improvement to the existing Valley Park in Hurricane, WV.**

The park's previous community building was torn down to make way for a larger, updated Community Center that includes 7,750 SF of conference space, a commercial kitchen, offices for the Putnam County Parks and Recreation Commission, and offices, locker-rooms, and concessions for the existing wave pool.

The exterior design plays off the existing Commons Building, which incorporates stone accents, wood siding, and multi-sloped roofing around a floor plan that emphasizes the internal components. The Community Center entrance is highlighted by a large, exposed-wood truss bearing on tall, battered stone columns. These wood beams are featured at all entrances and carry into the meeting room prefunction to provide a fully-exposed, open wood structure. The majority of the building perimeter is brick veneer with the taller meeting room and entrance separated by cast-stone banding. The more detailed façades for the prefunction space and office blocks feature punched windows set in horizontal wood siding with a stone veneer wainscot, which gives the building a lodge-like feel. Sloped, standing seam metal roofing highlights the more visible portions of the building, while flat roofs cover the support spaces.





# MANASSAS PARK COMMUNITY CENTER

LOCATION MANASSAS PARK, VA	SIZE 79,280 SF	COMPLETION 2010	COST \$18.5M
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**The Manassas Park Community Center is a multi-generational facility designed to meet the recreation and community use needs of all the citizens of Manassas Park.**

Features of this multi-generational facility include a large entry rotunda with a central control desk that provides visual control over the main corridors, two full-size basketball courts, and a twenty-five-yard eight-lane pool with zero-depth entry area featuring water jets and other play features.

Other features include two community event/banquet rooms with individual access to a catering/commercial kitchen, a pre-function area with access to an outdoor patio/garden area to serve as overflow space for large events, a series of multi-use rooms that can be used individually or combined into larger spaces, a pre-school room, a teen room, a senior citizens room, and a separate Parks and Recreation administrative office area with its own entrance.





# INTUIT PROSPERITY HUB

LOCATION BLUEFIELD, WV	SIZE 44,000 SF	COMPLETION 2020	COST \$4.4M
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**ZMM worked in collaboration with CBRE, Gensler, the City of Bluefield, and Pray Construction to assist Intuit with the development of its next “Prosperity Hub.”**

The former First National Bank building was constructed in 1970. The two-story modern building with marble, aluminum, and glass veneer is comprised of two connecting structures and a parking garage. CBRE was responsible for project management, while Gensler was responsible for programming and the tenant fit-up schematic design. ZMM was responsible for core and shell architectural and engineering work, as well as the fit-up portion from design development through completion. ZMM’s effort commenced with a facilities assessment to assist with the scope and budget, which determined the condition of the major building systems, and identified immediate and long-term enhancements required.

The intent was to convert the facility into an office space/customer support center with administrative suites, training rooms, and a break space. The upper levels have an open plan for workstations. One of the challenges involved converting this building with varying floor heights into an accessible office, which was met through the use of creative space planning, refurbished elevators, and raised access flooring. The final design provides a contemporary, safe, and healthy work environment that highlights the branding and contemporary finishes desired by Intuit.





# WOOD COUNTY TECHNICAL CENTER

LOCATION PARKERSBURG, WV	SIZE 59,500 SF	COMPLETION 2020	COST \$10.4M
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**This project consisted of a two-story, 28,500 SF addition and renovation to the existing single-story 31,000 SF facility.**

One-story and two-story areas were constructed on the south end of the existing building, which relocated the building's main entrance and added a bus loop and parking lot. The addition showcases the new entry lobby and a flexible 3,500 SF commons space for multiple classroom settings, large group events, and other public/community functions. The existing facility was dated and located adjacent to Parkersburg South High School. One of the owner's goals was to enhance the center's educational spaces and provide a separate identity for the technical center, differentiating it from the high school, as the center serves all students in Wood County.

The licensed practical nursing and adult education programs were relocated to the addition from another facility. 4,000 SF were added to the undersized welding shop. The new two-story area, administrative office area, and welding lab were constructed with a brick veneer façade. The new stair towers and entrance were clad in metal wall panels. The office suite areas were constructed with partitions, providing flexibility for future expansion or reconfigurations. The existing building was reconfigured to accommodate an options classroom, ProStart catering kitchen and classroom, and a therapeutic lab/classroom. Exterior windows and insulated panels were replaced, along with exterior doors and door hardware.





# LOGAN-MINGO READINESS CENTER

LOCATION HOLDEN, WV	SIZE 54,000 SF	COMPLETION 2015	COST \$12M	AWARDS 2017 AIA WV MERIT AWARD
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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. This was accomplished through 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 walls are used to anchor the facility at the Distance Learning Center, while a cast-in-place retaining wall and natural stone serves as a part of the Anti-Terrorism/Force Protection design.







# JACKSON COUNTY ARMED FORCES RESERVE CENTER

LOCATION MILLWOOD, WV	SIZE 75,000 SF	COMPLETION 2011	COST \$20M
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The building design was inspired by the adjacent Georgian-style Order of the Eastern Star facility.

The primary user for the WVARNG will be DET 1 821st Engineering Company, supported by a FSC of the 1092nd. USAR occupants include PLT AMMO 261 OD and PLT 1 (Postal) and PLT 6 (Postal) of the 44th Personnel Company. An expanded drill hall serves as a convention and meeting space. The relationship between the structures became crucial to the site layout. Once the aesthetic of the building was established, the massing of the facility was defined by breaking down the facility into smaller mass elements. 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 recruiting, family support, and administrative areas located on separate sides. A transverse wing houses all functions that have the potential for public use, while all primary military spaces developed along a similar perpendicular wing. 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 is defined by a canopy that connects storage and locker areas to the expanded drill hall.





# MORGANTOWN READINESS CENTER

LOCATION	SIZE	COMPLETION	COST
MORGANTOWN, WV	54,000 SF	2013	\$22M

The Morgantown Readiness Center is a unique military facility. While supporting traditional military functions including the 1-201st Field Artillery, a significant portion of the building was designed for the 249th Army Band.

The Readiness Center contains a performance hall, pre-function spaces, as well as a variety of training and rehearsal areas. The stage is a large rehearsal space with an adjacent elevated recording area. A large operable partition separates the auditorium from the drill hall. Acoustically, this challenge was met by creating a drill hall with an irregular shape contained within a rectilinear, sloped barrel arch form.

The facility is located on an abandoned airport runway approximately 20 miles from Camp Dawson. As troops will often travel through the Readiness Center, the facility needed to function as a "gateway." This was accomplished by utilizing similar materials and a tower-like feature to mark entry.

The Morgantown Readiness Center is also a sustainable building. The U-shaped layout of the facility improves access to daylighting and views, while also limiting public access to the Guard's administrative and storage areas. The final result is a harmonious composition that reflects both its function and the environment.





# WEST VIRGINIA LOTTERY HEADQUARTERS

LOCATION	SIZE	COMPLETION	COST
CHARLESTON, WV	42,082 SF	2016	\$7.5M

**This project is an extensive renovation of an existing 13-story office building and 7-story parking garage in downtown Charleston, WV.**

Renovations within the office building consist of three existing tenant floors, relocation of the fitness center, and replacement of the roof. The WV Division of Insurance is being relocated to floors 7, 8, and 9. Off the renovated elevator lobbies on each floor is a reception area which leads to an interior space of enclosed offices. A tenant space on the sixth floor is being renovated into the new fitness center. Construction on the roof includes the replacement of insulation and membrane and the installation of new roof davits and stainless-steel guardrail.

The parking deck will be undergoing renovation, including structural repairs, electrical upgrades, and an addition to the storage warehouse. It was determined that bearing pads need to be replaced under the framing members, concrete structure and topping slabs needed repair, and spandrel panels required epoxy injection to repair cracking. Driving surfaces are receiving new waterproofing, sealant joint replacement, and restriping. The circulation connector required partial reconstruction of the steel deck and floor slabs. Electrical improvements will consist of new LED lighting and additional pole fixtures on the top level. The storage warehouse is being increased by 1,800 SF and will consist of masonry walls clad in EIFS with a sloped steel-framed roof and single-ply membrane system.





# WV STATE POLICE INFORMATION SERVICES CENTER

LOCATION SOUTH CHARLESTON, WV	SIZE 18,000 SF	COMPLETION 2013	COST \$2.5M
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**The West Virginia State Police renovated a structure that previously served as the State Medical Examiner's Office, and prior to that, an elementary school.**

The building is located adjacent to the state police's main campus in South Charleston, WV. The building underwent extensive renovation to transform it into an Information Services Center. The divisions were previously housed in the main state police headquarters building.

The scope of the work included a complete renovation to the 14,000 SF, two-story main building, along with a new 4,000 SF, one-story addition on the back. The old exterior masonry façade was enveloped with a thin-brick veneer facing Jefferson Road and an exterior insulation and finish system in the rear of the facility. New aluminum windows, high-performance glazing, and new single-ply roof membrane completed the exterior. The interior was converted into professional office space on both floors, to house their Communications Division, Criminal Records Division, and Traffic Records Division. The space was maximized by utilizing the wide corridors as office space and creating new, appropriately-scaled corridors in a loop pattern through the previous classrooms.



# Adam R. Krason, AIA, LEED AP, ALEP



## Role

Principal

## Professional Registrations

Registered Architect (WV, OH, KY, VA, MD, NJ)  
LEED Accredited Professional  
Accredited Learning Environment Professional  
NCARB (55,984)  
Construction Specifications Institute (CSI)  
Construction Documents Technician (CDT)

Mr. Krason has served in the capacity of Architect and Project Manager for a variety of projects at ZMM. This experience includes Military, Educational (K-12 and Higher Education, Office, Justice (Courthouses, Correctional, Justice Centers, and Multi-Unit Residential projects. Mr. Krason's responsibilities include programming, design, documentation, coordination of the architectural and engineering team, as well as construction administration. Mr. Krason began his career in 1998, working on a variety of educational, commercial office, and correctional projects throughout Ohio, West Virginia, and North Carolina.

Mr. Krason has been an advocate of sustainable design in West Virginia, participating in a variety of sustainable design seminars throughout the State, and serving on the West Virginia School Building Authority Green Schools Sub-Committee. Recently, Mr. Krason helped coordinate the "Making the Business Case for Sustainability" conference at the University of Charleston that included speakers from Armstrong Industries, American Electric Power, CB Richard Ellis, and Interface Raise. Mr. Krason also assisted Habitat for Humanity Kanawha and Putnam County develop a commercial recycling program to fill a void in the sustainable design infrastructure in West Virginia. Mr. Krason has noted that, "I became a LEED Accredited Professional because I believe that good design has value, and the ability to impact our daily lives. Sustainable design showcases the value of design through demonstrated improvements in the performance of the students and employees who occupy our buildings." In addition to his design and project management responsibilities, Mr. Krason serves on the Board of Directors and is responsible for business development at ZMM.

## Project Experience

### Charleston Coliseum & Convention Center, Charleston, WV

Mr. Krason served as principal-in-charge of the expansion and renovation to the Charleston Civic Center. The \$75M, 283,000 SF design-build project is being completed as a collaboration

## Education

Bachelor of Architecture, The Catholic University of America, 1998

Bachelor of Civil Engineering, The Catholic University of America, 1997

## Employment History

2007 - Present, Principal, ZMM  
2007 - Present, Board of Directors, ZMM  
2003 - Present, Architect, Project Manager, ZMM  
1998 - 2003, Architect, Project Manager, Charleston Area Architectural Firm

## Civic Affiliations

- WV American Institute of Architects, President
- Habitat for Humanity Kanawha & Putnam County, Board of Directors 2011 - 2014
- WV Qualification Based Selections Council, President, 2012/2013
- Leadership WV 2010 - 2012
- Charleston Rotary
- West Side Main Street, Board of Directors 2008 - 2014
- City of Charleston Land Trust 2008 - 2014

with tvsdesign and BBL Carlton. Mr. Krason was responsible for the overall management of the design team, coordination with the client, and also has input critical project management decisions. The design commenced in the spring of 2015, and construction was complete in 2018.

**Joint Interagency Training & Education Center (WVARNG), Kingwood, WV** Mr. Krason was responsible for the preliminary programming, and participated in the schematic design of the 180,000 SF addition to the Regional Training Institute at Camp Dawson. Mr. Krason was also responsible for managing the production effort for the billeting (hotel) expansion, which increased the total billeting capacity at the JITEC to 600 rooms. This project received LEED Gold Certification.

**Construction and Facilities Management Office Expansion (WVARNG), Charleston, WV** Mr. Krason was responsible for the programming, architectural design, and project management of the office expansion. The project included the renovation and addition to an existing pre-engineered metal building. The design, which was honored with a 2009 AIA Merit Award, focused the client's resources on a new entry and corridor that separated the existing office space from the addition.

**State Office Building #5, 10<sup>th</sup> Floor Renovation (Office of Technology), Charleston, WV** Mr. Krason led an architectural and engineering team that completed a detailed assessment of State Office Buildings 5, 6, & 7. Once the assessment was complete, ZMM had the opportunity to implement the proposed improvements on the 10<sup>th</sup> Floor of State Office Building #5 for the Office of Technology. The renovations, aiming for LEED-CI Certification, re-oriented the layout by drawing all private offices into the building core, providing access to daylight and views for all employees. The design also utilized acoustical ceiling clouds and bulkheads to maximize the acoustical performance, while also increasing the volume of the space.

**BridgeValley Community and Technical College - Davis Hall Renovation and Master Plan, Montgomery, WV** Mr. Krason led an architectural and engineering investigation into the condition of Davis Hall to help BridgeValley Community and Technical College to develop a scope for the current renovation project, as well as a plan to undertake deferred maintenance at the facility. The project scope included remedying several life safety deficiencies, as well as improvements to the building envelope.

**Jackson County AFRC (WVARNG), Millwood, WV** Mr. Krason was the principal on the new facility that houses both the West Virginia Army National Guard (WVARNG) and the United States Army Reserves (USAR). The facility also includes 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. 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.

**Morgantown Readiness Center (WVARNG), Morgantown, WV** Mr. Krason was the project architect on the new Morgantown Readiness Center. This facility is a unique due to its location on an abandoned airport runway at the Morgantown Municipal Airport. The 54,000 SF Readiness Center occupies a 35-acre tract at the airport. This center supports traditional military functions including the 1-201<sup>st</sup> Field Artillery. A significant portion of the Morgantown Readiness Center supports the 249<sup>th</sup> Army Band. The Readiness Center contains a performance hall, pre-function spaces, as well as a variety of training and rehearsal areas.

**Participated on the team that won the following awards and acknowledgements:**  
2020 WV AIA Merit Award Mountain Valley Elementary School, Green Valley, WV  
2019 WV AIA Honor Award Charleston Coliseum & Convention Center, Charleston, WV  
2018 WV AIA Citation Award Charleston EDGE, Charleston, WV  
2017 WV AIA Merit Award Logan-Mingo Readiness Center, Holden, WV  
2016 WV AIA Merit Award Christ Church United Methodist, Charleston, WV

## Rodney Pauley, AIA



### Role

Project Manager / Project Architect

### Professional Registrations

Registered Architect (WV)

Mr. Pauley is responsible for overseeing the daily design and production of the building, working in conjunction with in-house architectural, interiors and engineering staff to ensure the building not only meets the program requirements and budget, but meet the long-term needs of the owner. He also works directly with project principals to manage contracts, staffing and project deliverables. Mr. Pauley has a broad knowledge of building materials and services, building codes, and construction techniques, along with extensive experience in architectural detailing.

Mr. Pauley began his career in 1992 with an architectural firm in Atlanta, Georgia, and for the next 12 years rose to the Associate level by designing and managing a wide variety of project types including educational, retail, historic renovation, medical, and entertainment, specializing in office and speculative office design.

From 2005 through 2010, he worked at a number of Atlanta firms designing and managing office, high-rise condominium, and hotel projects. In 2010, Mr. Pauley moved back to Charleston, WV, to take a project management position with ZMM where he supervises the design and production of military, correctional and higher education projects.

### Project Experience

#### Pipestem Resort State Park Lodge, Pipestem, WV

Mr. Pauley is currently the project manager on the renovations to 88 guestrooms on first floor, bathroom expansions on the 7<sup>th</sup> floor, renovations to the dining area with a bar addition, renovations to all conference rooms, finish renovations in the lobby. ZMM will be replacing the ceilings and lightings in all public spaces and guestroom corridors in the main McKeever lodge building. Mountain creek lodge that sits below McKeever Lodge will receive a new roofing on the guestroom buildings and restroom will be renovated in the main tram building. The newly renovated lodge is set to open this summer 2021.

#### WV Lottery Headquarters, Charleston, WV

Mr. Pauley was the project manager and prepared construction documents for renovations to the existing WV Lottery Headquarters complex in Charleston, WV. Renovations to the

### Education

Bachelor of Architecture, University of Tennessee, 1992

Associate of Science, West Virginia Institute of Technology, 1986

### Employment History

2010 - Present, Project Manager, ZMM  
2008 - 2010, Project Manager, GA Firm  
2006 - 2008, Project Manager, GA Firm  
2005 - 2006, Sr. Project Architect, GA Firm

Jan. 2005 - Aug. 2005, Project Architect, VA Firm

### Civic Affiliations

- American Institute of Architects, Member

existing 12-story office building include the demolition and reconstruction of three floors of tenant space and demolition and replacement of the existing roof along with various minor renovations throughout the office tower. The existing 5-story parking deck had extensive structural renovations. Renovations included: replacing bearing pads, patch & repair of concrete members and the addition of waterproofing protection. The existing warehouse under the parking deck was enlarged to provide additional storage space.

#### **WVSOM Tech Building Expansion (Testing Center), Lewisburg, WV**

Mr. Pauley is currently the project manager on the design of the new testing center at WVSOM. The new testing center was designed to connect to the Tech Building to the CEC and will accommodate 220 students. The Testing Center does not have exterior windows, features from both buildings including masonry banding and natural stone elements were used to provide human scale, while natural lighting is introduced in the concourse and pre-function space.

#### **Morgantown Readiness Center, Morgantown, WV**

Mr. Pauley was the project manager for the 58,000 square foot multi-use facility which includes assembly rooms, kitchen and dining facilities, military supply storage as well as locker rooms. The building is also designed to house the 249<sup>th</sup> Army Band and their associated practice and support spaces. This area is highlighted by a 150-seat auditorium and state-of-the-art main rehearsal stage. This project is aiming for LEED Silver Certification.

#### **Charleston Coliseum & Convention Center, Charleston, WV**

Mr. Pauley served as project manager on the expansion and renovation to the Charleston Civic Center. The \$75M, 283,000 SF design-build project was completed as a collaboration with tvsdesign and BBL Carlton. The design commenced in the spring of 2015, and construction was completed in the fall 2018.

#### **Beech Fork State Park, Lavalette, WV (unbuilt)**

Mr. Pauley was the project manager for new lodge and conference center at Beech Fork State Park. The facility will include guestrooms and other guest-only facilities in one area and public functions such as the restaurant, lounge, gift shop, and conference rooms in another area. All guestrooms offer a lake view, a 2-story atrium opens up each end of the lobby with curtain-wall glazing, and an indoor pool provides a transparent connection to the outdoors. A high-performance envelope was designed to eliminate thermal bridging and the potential for condensation.

#### **WVU Institute of Technology, Montgomery, WV**

Mr. Pauley was the project manager responsible for owner coordination and construction document production for renovations to the Engineering Classroom Building at the WVU Institute of Technology campus in Montgomery, WV. The main project scope included various minor interior renovations to the existing 44,000 SF building in support of the Owner's replacement of the building's two elevators. Coordination was critical between ZMM, WVU, the owner's elevator supplier & installer and the WV Division of Labor.

#### **Valley Health Systems, Wayne, WV**

Mr. Pauley was the project manager on the new health clinic in Wayne, WV. ZMM prepared construction documents for a new, one-story medical building operated by Valley Health Systems of Huntington, WV. The building is 15,580SF on a 2-acre site including approximately 100 parking spaces. Valley Health Systems provides primary and preventative care to the medically underserved population of southern West Virginia. The new building will replace an existing undersized facility.



## Carly Chapman



### Role

Interior Designer

Mrs. Chapman serves as the Interior Designer at ZMM. Mrs. Chapman takes pride in her work's originality and always strives to help the client's vision and intent come alive in the design process. Her experience at ZMM includes Education, Municipal, Residential, Healthcare, and Hospitality projects. In her past position she focused on both Corporate and Healthcare design. Mrs. Chapman's responsibilities include conducting design proposals and presentations, as well as producing design documents and specifications relating to all aspects of interior design.

Mrs. Chapman has served as the interior designer for a variety of projects. Projects range from renovations to new construction and is comprised of every industry. Her responsibilities include design concept, presentation, documentation, specification writing, and architectural drafting.

### Project Experience

**Southern West Virginia Community & Technical College, Williamson, WV** Mrs. Chapman was the Interior Designer for the new Applied Technology Center. The 22,000SF building featured large, flexible teaching areas that can adapt as the curriculum changes for each program. The facility is the first step in the progression of a planned campus expansion that will ultimately include the adjacent Readiness Center. ZMM is also providing a new campus master plan, with a focus on creating green space and improving pedestrian and vehicular circulation. This project was designed to meet the USGBC LEED Silver standards.

### **Marshall University - Smith Hall, Huntington, WV**

ZMM worked closely with Marshall University professors to determine the correct acoustics to meet the accreditation needs for the college. The Owner felt that it was necessary to address the overall aesthetics for a creative mind and inspire the students. Taking inspiration from the Thundering Herd, the interiors of the building were transformed with a mature palette and pops of green selected by the renovation committee.

### **WVSOM Tech Building Expansion (Testing Center), Lewisburg, WV**

Mrs. Chapman is currently the Interior Designer on the design of the new testing center at WVSOM. The new testing center was designed to connect to the Tech Building to the CEC and will accommodate 220 students. The Testing Center does not

### Education

Bachelor of Interior Design, University of Charleston, 2012

### Employment History

2016 - Present, Interior Designer, ZMM  
2012 - 2016, Project Manager/Interior Designer, Contemporary Galleries, Inc.  
2010 - 2012, Interior Design Intern, ZMM

have exterior windows, features from both buildings including masonry banding and natural stone elements were used to provide human scale, while natural lighting is introduced in the concourse and pre-function space.

#### **Bluefield Primary School, Bluefield, WV**

The new school is the result of a consolidation of two local schools in the Bluefield area. The county wanted to bring in architectural elements from both of the former schools. This was accomplished by oval vaulted ceilings and circular windows throughout the building. The school will house Pre-k-2<sup>nd</sup> grade students. Keeping the Bluefield Beavers in mind, the school colors are found throughout the design with the addition of complimentary colors to create a colorful learning environment for the students. No school can be designed without a little fun in mind... A large dry erase mural spans the length of the media center allowing students to express their imaginations.

#### **Mountain Valley Elementary School, Green Valley, WV**

Mountain Valley opened its doors in the fall of 2019. The concept for the school was simple – fundamentals. Primary colors and geometric shapes create a fun and easy way to keep the students engaged and ready to learn, while sticking to the basics. A large wall in the media center allows for quiet areas to study or play with built in casework depicting the word “READ” allowing for shelving and seating within the oversized letters. The scheme continues throughout the school seen in the polished concrete floor pattern and 3D shapes protruding above the main entrance for a guaranteed jaw dropping design.

#### **Williamstown Elementary School, Williamstown, WV**

When designing a new school built on tradition, the initial thought of school colors and clean lines comes to mind. This was not the case with the new Williamstown Elementary School. Using the school colors as our basis of design, the county was open to adding complimentary colors to entice the students for a bright and exciting learning environment. Colorful floor pattern adorns the corridors, using the tile for wayfinding and structure for students. In the media center you will find a custom designed tree, dripping in lights mimicking fireflies and a perfect campfire setting for storytelling. The tradition is kept alive with the pops of Maroon and Gold throughout the cafeteria and gym.

#### **Ravenswood Middle School, Ravenswood, WV**

Ravenswood Middle School is an addition to Ravenswood Highschool. The project allows for both schools to share one cafeteria and improve the exterior of the existing high school with the new entrance of the middle school. The interiors were clean and pattern filled using the school colors, insuring an easy transition from one school to the other.

#### **New River Primary/Oak Hill Middle School, Oak Hill, WV**

These schools were designed as separate schools sharing the same site and are connected by a mechanical wing. This building called for a challenging design concept. The schools each had their own unique design theme, but were delicately connected in small aspects of color or architectural techniques, allowing the interiors to flow seamlessly. The PK-2 is community driven in the design. House facades and custom glass adorn the halls drawing the eye to the exposed structure above. The ceilings reflect the sky and are divided by clouds. Collins Middle also was design with the environment in mind. Using biophilic design, wood planked feature walls are found in the entrance corridor and expand to the open structure above.

#### **Valley Park Community Center, Hurricane, WV**

The new community center replaced an existing structure that was recently demolished earlier this year. The new building houses a commercial kitchen, administration wing, ballroom, and a locker room complex with administration quarters for the attached Wave Pool.

#### **Pipestem Resort State Park Lodge, Pipestem, WV**

Mrs. Chapman is currently the interior designer on the renovations to 88 guestrooms on first floor, bathroom expansions on the 7<sup>th</sup> floor, renovations to the dining area with a bar addition, renovations to all conference rooms, finish selections and renovations in the lobby. ZMM will be replacing the ceilings and lightings in all public spaces and guestroom corridors in the main McKeever lodge building. Mountain creek lodge will receive new roofing on the guestroom and restrooms in the tram building.

# Robert Doeffinger, PE



**Role**  
Engineering Principal

**Professional Registrations**  
Professional Engineer (WV, VA, PA, OH, TN, KY, NY, NH, ME, NC, SC, FL, NJ, GA)

As ZMM's Principal Engineer, Mr. Doeffinger is in charge of the engineering disciplines, 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.

After graduate school in Architectural Engineering, Mr. Doeffinger joined ZMM. He has over 35 years design experience in mechanical and electrical systems for buildings. He has a broad range of engineering experience in education, industrial and manufacturing facilities, large retail, correctional and jails, office buildings, and military facilities.

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 analysis 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.

**Project Experience**  
**Charleston Coliseum & Convention Center, Charleston, WV**  
Mr. Doeffinger was the mechanical project engineer on the expansion and renovation to the Charleston Civic Center project. The \$75M, 283,000 SF design-build project was a collaboration with tvsdesign and BBL Carlton. The design commenced in the spring of 2015, and construction was completed in October 2018. The mechanical design is expected to reduce the energy requirements defined by ASHRAE 90.1-2013 by an estimated 25% and extensive water savings will be shown. The project includes a new chilled and hot water central plant with extensive replacement and upgrades to the facilities existing mechanical systems. Multiple phases of construction will allow the Civic Center to remain operational throughout the construction progress.

**Education**  
Master of Science Architectural Engineering, Pennsylvania State University, 1976

Bachelor of Science Mechanical Engineering, West Virginia University, 1973

**Employment History**  
2005 - Present, President, ZMM  
1976 - 2005, Vice President and Engineering Principal, ZMM

- Civic Affiliations**
- ASHRAE – Member of the Technical Committee Load Calculations Data and Procedures for 15 years, serving as chairman. Presently Chairman of the Research Subcommittee
  - Advisory Board for the Department of Electrical Engineering Technology, Bridgmont Community and Technical College
  - City of Pt. Pleasant, WV – 2<sup>nd</sup> Ward Councilman for 20 years

**State Office Buildings #5, 10<sup>th</sup> Floor Charleston, WV** Mr. Doeffinger was the Project Engineer for this renovation project. 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. The renovations also include a low profile cable management system which maximizes the flexibility of the space. 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 10<sup>th</sup> floor of Building #5 was the first major interior renovation project that responded to the recommendations.

**West Virginia Capitol Complex - Buildings #5, 6, & 7, Charleston, WV** Mr. Doeffinger was the Project Engineer for the in-depth analysis of Buildings #5, 6, & 7 at the State Capitol Campus. The study included the preparation of as-built plans, as well as an analysis of all building systems, including: Life Safety; Vertical Transportation; Mechanical; Electrical; Data; Façade; Structure; and Roofing. The analysis also included a study related to potential hazardous materials in the facility.

**West Virginia Regional Jails, Mr. Doeffinger** was the Project Engineer on ten West Virginia Regional Jails. In 2009 he was responsible for the HVAC renovation on four regional jails, including the replacement of rooftop HVAC units and Building Automation Systems.

**West Virginia Army National Guard, Joint Interagency Training & Education Center, Camp Dawson, WV** Mr. Doeffinger was responsible for the mechanical engineering design of the 600 room billeting expansion to the Regional Training Institute at Camp Dawson. The project is served by a 4 - pipe hot and chilled water system with an energy recovery ventilation system. This project received LEED Gold Certification.

**West Virginia Research, Education, and Technology – Building 704, South Charleston WV** Mr. Doeffinger is the engineering principal-in-charge of preparing a life safety analysis of the building as well as design services to improve the exterior façade of Building 704 at the WV Research, Education, and Technology Park. Building 704 had previously been utilized as a campus maintenance facility by Union Carbide and DOW Chemical. Bridgemont began utilizing the facilities for instruction in the Spring of 2011.

**West Virginia Regional Technology Park (WVRTP) - Building 740, South Charleston WV** Mr. Doeffinger is the engineering principal-in-charge of the new Steam Plant for Building 740. This project involves designing and constructing the Interim Steam Heating System throughout Building 740.

**Bridgemont (BridgeValley) Community and Technical College Davis Hall Renovation, Montgomery, WV** Mr. Doeffinger led an architectural and engineering investigation into the condition of Davis Hall to help Bridgemont Community and Technical College to develop a scope for the current renovation project, as well as a plan to undertake deferred maintenance at the facility. The project scope included remedying several life safety deficiencies, as well as improvements to the building envelope.

**NGK Oxygen Sensor and Spark Plug Plant, Sissonville, WV** Mr. Doeffinger was in charge of engineering design of the 250,000 SF NGK facility. The most recent 130,000 SF expansion moved NGK's spark plug production for the west coast to West Virginia. For both the oxygen sensor plant and spark plug plant Mr. Doeffinger designed a cycle water system for the manufacturing equipment.

**The Plaza at King of Prussia, Pittsburgh, PA** One of the largest retail centers in the east. Mr. Doeffinger has performed engineering services for the past 20 years. The project consists of a 5,000 -ton chilled water plant and 1,500,000 cfm variable volume system for tenants and constant volume air system for common areas and an engineered smoke control system. The most recent project is a 2011, 100,000 square foot expansion of tenant spaces, a renovation of the food court, and a 1,250-ton chiller addition to the central chilled water plant.

## John Pruett, PE, LEED AP



### Role

Senior Mechanical Engineer

### Professional Registrations

Professional Engineer (WV, VA, IN)  
LEED Accredited Professional

Mr. Pruett is responsible for overseeing the design of the HVAC systems, ensuring that the HVAC systems not only meet the program requirements, but meet the long-term needs of the owner. 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 has participated on several LEED registered projects; one of his key contributions to these projects is conducting energy analyses and recommending energy use reduction alternatives.

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, office buildings, libraries, hotels, restaurants, a convention center and several natatoriums. Having served in the Marines for 14 years, Mr. Pruett also led a design team for a "virtual memorial" for the birthplace of the U.S. Marine Corps.

### Project Experience

**Huntington East Middle School, Huntington, WV** Mr. Pruett was responsible for the HVAC systems design. This school features numerous sustainable features, including an air monitoring system for verifiable indoor air quality, variable refrigerant flow (VRF) systems for portions of the school that will operate year-round, preheating of the domestic hot water with the heating hot water return. Mr. Pruett also conducted an extensive energy analysis of the building and all of its systems to maximize the effect of each component, resulting in a projected reduction in energy consumption of 32% compared to a baseline analysis.

### Cabell County Schools

Barboursville Middle School - Additions and Renovations  
Huntington East Middle School  
Huntington High School - Controls system replacement for Explorer Academy  
Cabell County Bus Garage

### Education

Bachelor of Science, Purdue  
University, West Lafayette, IN, 1993

### Employment History

2021- Present, Board of Directors, ZMM  
2010 - Present, Project Engineer, ZMM  
2007 - 2009, Sr. Mechanical Engineer,  
IN  
2003 - 2007, Mechanical Engineer, IN  
1999-2003, Project Engineer, Fort  
Lauderdale, FL

### Civic Affiliations

- American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), Member
- United States Marine Corps – 14 Years

Southside Elementary/Huntington Middle School  
Huntington High School – Cooling tower replacement  
Cabell Midland High School - Cooling tower replacement  
Martha Elementary School- Addition  
Salt Rock Elementary Renovations  
Cabell County Career & Technical Center – HVAC Replacement  
Huntington High School Wrestling Room Addition  
Milton PK - Additions and Renovations

**Fayette County Schools**

New River Primary / Oak Hill Middle School  
Valley High School - Gym addition  
Oak Hill High School – Renovations  
Fayetteville PK-8 - Renovations  
Midland Trail High School - Renovations  
Valley PK-8 - Renovations  
Meadow Bridge Elementary - Renovations  
Divide Elementary - Additions and Renovations

**Putnam County Schools**

Hurricane High School - Renovations  
Putnam Career & Technical Center – Welding Shop

**Wood County Justice Center, Parkersburg, WV** Mr. Pruett was responsible for the HVAC systems design for the LEED Silver project comprised of the judicial courts, Sheriff's department and holding cell area. The project utilizes high-efficiency custom air handling units, including an energy recovery unit for the holding cell area, which has helped reduce energy consumption on the project by 18% compared to a baseline analysis.

**Tucker County Courthouse Annex, Parsons, WV**

Mr. Pruett was the Mechanical Engineer for the Courthouse Annex renovation project and responsible for the HVAC systems. The Annex is a 4-story, 21,000 Square Foot building that is adjacent to the Tucker County Courthouse. The annex will house spaces for the Circuit Court, Circuit Clerk, Family Court, Magistrate Court, Prosecuting Attorney, County Commission, County Clerk, Community Corrections, and Probation Office.

WV ARNG Camp Dawson Building  
WV ARNG Camp Dawson Building 246  
WV ARNG Camp Dawson Building 301  
WV ARNG Camp Dawson Mail Facility  
WV ARNG Marshall County Readiness (Design)  
WV ARNG Camp Dawson Job Challenge Academy

**Project Experience with other firms**

**Southern Indiana Career and Technical Center (SICTC), Evansville, IN**

Mr. Pruett was responsible for the HVAC systems design for the 262,000 square foot facility. The project features a complex air system necessitated by the diversity of the educational programs featured in the facility: welding, auto shop, building trades, electronics, radio/TV communications, culinary arts, etc. The main mechanical room was also designed to be an educational space, utilizing color-coded piping, a corresponding color-coded equipment schematic and an accessible controls workstation to aid the students in learning about building systems.

# Grant H. White, PE



**Role**  
Electrical Engineer

**Professional Registrations**  
Professional Engineer (WV)

Mr. White brings more than 14 years' experience and serves as the Electrical Engineer at ZMM. Mr. White provides electrical design services for a vast number of projects consisting of commercial, educational, correctional, institutional, and military facilities.

Mr. White is responsible for many facets of the project pertaining to electrical design such as interior and exterior lighting, power distribution, data system design, security, fire alarm, low voltage control systems, equipment specifications and performs electrical assessments during construction prior to the project's substantial completion date.

**Project Experience**

- Keith Albee Theater - Renovations, Huntington, WV
- WV School of Osteopathic Medicine, Lewisburg, WV
- Braxton County Cooler Freeezer
- Jefferson County Schools – Transportation Technology Center
- Jefferson County Schools – Ranson Elementary School
- Jefferson County Schools – Sheperdstown Elementary School
- Jefferson County Schools – Washington High School Aux Gym
- Woodrow Wilson High School Renovations/Additions
- Braxton County Middle School Renovations
- WVDNR Tomblin Wildlife Management
- Frederick County Public Schools -Old Aylor Middle School – HVAC Renovations
- Frederick County Public Schools Board Office – Corridor and Restroom Renovations

**Education**

Marshall University Graduate College, South Charleston, WV – Completed Project Management and Engineering Law classes in the Engineering Management Program, 2007 - 2008

Bachelor of Science in Electrical Engineering, West Virginia University Institute of Technology, 2007

**Employment History**

- 2021 - Present, Electrical Engineer, ZMM
- 2018 – 2021, Electrical Engineer, CDI Engineering
- 2017 – 2018, Controls Engineering Specialist, Trane
- 2014 – 2017, Electrical Engineer, CDI Engineering

# Mike Flowers



## Role

Plumbing Designer/Mechanical Technician

Mr. Flowers is responsible for the design of Plumbing systems, ensuring that the systems are designed to meet the needs of the owner and utilize the latest plumbing technologies to provide the most energy efficient design possible. Mr. Flowers has participated on several LEED registered projects; one of his key contributions to these projects is selecting plumbing fixtures and accessories in his design that require less utility consumption, so significant utility savings are passed on to the owner and the environment as well.

Mr. Flowers has had extensive experience in the field of construction where he frequently visits ZMM's current projects under construction and thoroughly checks the contractors work to ensure compliance with project specifications and construction documents.

## Project Experience

Mr. Flowers has a broad range of experience and knowledge in Plumbing and HVAC systems design. His experience includes K-12 Schools, Higher Education Facilities, Military Facilities, Office Buildings, and Juvenile and Adult Correctional Facilities.

- Morgantown Readiness Center
- Logan-Mingo Readiness Center
- Huntington East Middle School
- Southern WV Community & Technical College
- Lincoln County High School
- Camp Dawson:  
Mountaineer Challenge Academy  
Buildings 202, 246, 301, and the Mail Facility

## Jackson County Armed Forces Reserve Center

**(WVARNNG):** Mr. Flowers was responsible for the plumbing design on this project that utilized plumbing fixtures that reduced the total annual water usage by 30% as compared to using standard plumbing fixtures.

His design also incorporated 98% efficient water heating technology that dramatically reduced the total utility consumption for water heating.

## Education

Associate in Mechanical Drafting and Design; 1990, Ben Franklin Career and Technical Center

Associate in Electronics Technology; 1987, Putnam Career and Technical Center

Associate of Science; 1988, West Virginia State University

Completed Dale Carnegie course in Effective Communications and Human Relations and Skills for Success

## Employment History

2001 - Present, Mechanical and Electrical Technician, ZMM

1998 - 2001, Mechanical and Electrical Designer/Manager of CAD Services, ZDS, Inc.

1991 - 1998, Mechanical and Electrical Technician, ZMM

## Civic Affiliations

- American Society of Plumbing Engineers (ASPE), Member Since 2009





## **Role**

Construction Administrator

Mr. Gonzales describes his role with ZMM as Construction Administrator as an exciting and challenging opportunity with new experiences every day. From varying jobsite conditions to the differing professionals, he works with daily, Mr. Gonzales approaches construction administration with over 40 years' experience in the construction industry and the desire to help provide the best outcomes possible for each project.

Mr. Gonzales prior to coming on board with ZMM oversaw the CAD/BIM coordination and design of major projects in the Columbus area. Facebook Data Center, OSU Wexner Cancer Hospital, OSU NDRT Student Housing Project to just name a few. Mr. Gonzales oversaw the 3D BIM modeling and coordination of these projects. He was responsible for ensuring that all trades were coordinated in model space therefore allowing trades to go to fabrication/installation once model was "Clash Free".

Mr. Gonzales project variety includes Educational (K-12 and University), Commercial, Military, Office, Justice (Courthouses, Justice Centers), Healthcare (Health Departments), Roof replacement projects.

## **Project Experience**

CAMC Chiller Replacement, Charleston, WV  
Hurricane High School Addition, Hurricane, WV  
Charleston Coliseum & Convention Center, Charleston, WV  
Boone County Roof Replacement Project, Boone, WV  
Nicholas County Roof Replacement Project, Summersville, WV  
Summers County High School HVAC, Summersville, WV  
Summers County Bus Garage Renovations, Summersville, WV  
WVSOM Greenspace Renovation Project, Lewisburg, WV  
Calhoun County Pleasant Hill Elementary HVAC Equipment Replacement Project  
Wood County Bell Tower Roof Addition, Parkersburg, WV  
Christ Church United Methodist, Charleston, WV  
Girl Scouts of Black Diamond Council, Charleston, WV  
WVDNR Claudia Workman Fish and Wildlife Education Center, Alum Creek, WV

## **Education**

Associate Degree Mechanical Engineering, Pittsburgh Technical Institute 1978

## **Employment History**

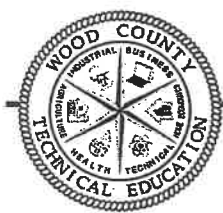
2018 - Present, Construction Administrator, ZMM

# CLIENT REFERENCES

Greg Melton, Director of General Services (Retired)  
WV State Capitol Complex Building  
Building 1, Room MB-60  
1900 Kanawha Blvd. E.  
Charleston, WV 25305  
304.965.1219 cell

David Molgaard, Former City Manager  
Charleston Coliseum and Convention Center  
200 Civic Center Drive  
Charleston, WV 25302  
304.389.2011 cell

Todd Reynolds, Deputy Branch Chief  
WWARNG  
1707 Coonskin Drive  
Charleston, WV 25311  
304.380.7226 cell



# WOOD COUNTY TECHNICAL CENTER

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Email: pbocchin@k12.wv.us

**PIER BOCCHINI**  
*Director of  
Technical/Adult Education*

September 24, 2021

## To Whom It May Concern:

I had the opportunity to work with ZMM Architects and Engineers for the addition and renovation of the Wood County Technical Center (WCTC) in Parkersburg, WV. I would like to take this opportunity to discuss the great working relationship that I was fortunate to experience.

This project would have never occurred without the financial support of the West Virginia School Building Authority (WV SBA) and more specifically, without the support of Joyce VanGilder, Architect for the WV SBA. It is important to note that this project was denied the first time it was introduced to the SBA under my predecessor. Joyce VanGilder came to the WCTC and took hundreds of pictures during a walkthrough of issues that existed. We discussed the goals and needs of the building which would make it an up-to-date facility and a better learning environment for students.

David Ferguson of ZMM was my first introduction to the firm. David came various times to discuss the building and made several walkthroughs to understand issues and concerns of the building. David also met with the entire faculty to understand their needs of the building. The WCTC had never been updated other than the addition of one room several years ago. Eventually, David brought in Chris Campbell as the primary Architect.

During the first walkthrough of the building with Chris, I noticed that he was very observant of issues and very detail oriented. Chris picked up on additional concerns with the building including electrical and ventilation issues. The entire faculty was invited to many meetings with Chris to discuss needs of their classroom and the building as a whole. Chris also met with teachers individually to look at their shop/classroom and get a more detail vision of their needs and wants. The time taken to have these various meetings and going through the building himself with (at times) a ZMM Engineer proved to be invaluable. During those times, Chris was able to find various other issues that existed.

Chris combined all information he received from faculty and staff and created a design of the building and various classrooms. We did not have enough money for a renovation of the entire building with the addition. Chris and I worked together several times to complete the final design of the building. I also had the opportunity to work with Carly Chapman and Carlie Wolfe on the interior design part of the project. Carly and Carlie came to several meetings with Chris to talk to faculty and myself. Their ideas were invaluable and well thought out.

Chris and I talked to faculty about their needs, wants and their ultimate wish list. Chris was able to give affected teachers their needs and many of their wants. The building process with Maynard C. Smith

Construction Company and oversight of Blaine McVicker along with Chris proved to be a valuable learning experience for me. Chris, Blaine, John Strickland (Maynard C. Smith Construction Company), Joyce and myself had multiple meetings with representatives from Wood County Board of Education. Chris, Blaine, Joyce and John were always professional and made sure any issues, concerns, and benefits of the project were addressed. A building project during the pandemic created a few issues of delay in getting supplies, but many times they were able to work around those issues.

Chris and Blaine also dedicated construction times of parts of the building around the times that students were not in the building. Students in the building created an additional variable that needed to be addressed due to safety concerns. Chris had complete control and knowledge of the entire process. Any concerns I had were always immediately addressed.

In addition to a state of the art Welding lab, kitchen lab for Pro Start, Therapeutic lab/classroom, Adult Practical Nursing lab and classroom, and Testing Lab, we were able to create a front entrance for the Tech Center with a Commons Area. The front of the building is without a doubt, one of the most attractive buildings in the area. The Commons Area has 2 projectors, two very large screens, blue tooth capability, microphones, and the ability to connect a laptop to the projector. We have had speakers from other states as well as West Virginia who have used the area to train Wood County teachers and staff. They have been very impressed and it is user friendly. The Commons Area is amazing with the capacity to be used for various events and trainings. We also used it for the Practical Nursing graduation of which created a beautiful setting. This area is very flexible and can be used several ways which was a goal.

I have had various in-county groups using the Commons area, classrooms and Testing Lab since the completion of the building as well as visitors. All who have been in the building or used the building have been thoroughly impressed and amazed by the design of the building. A group from the West Virginia Department of Education had a training in the building with people from around the state. They were so impressed that they would like to have additional training here. Comments from people have included statements such as....this is what a school should look like....this is a great learning environment. We have recently completed an onsite for the accreditation of the Adult Practical Nursing Program. Due to Covid, we had the onsite virtually but had to do a walkthrough of the building via Zoom. The two evaluators (one from Tennessee and the other from Florida) were very impressed with the building.

Although I could continue to say many wonderful statements about the building, I must say that this building ....the beauty, flexibility, meeting the needs of teachers and students ....were all a result of the knowledge, direction and design of Chris Campbell. Working on this project with Chris has been the most rewarding part of my tenure as we were able to give Wood County Technical Education students an opportunity to learn and work in a building designed specifically for them.

It is with great gratitude for the design, building and experience with Chris Campbell and ZMM Architects and Engineers that I would highly recommend them.

With Respect,



Pier J. Z. Bocchini, Director

Wood County Technical and Adult Education



**WEST VIRGINIA  
COURTHOUSE FACILITIES IMPROVEMENT AUTHORITY**  
2003 QUARRIER STREET  
CHARLESTON, WV 25311

**L. D. EGNOR**  
CHAIRMAN EMERITUS

**JOSEPH M. ALONGI**  
CHAIRMAN

February 2, 2021

To Whom it may Concern,

I have worked with ZMM Architects, more specifically Adam Krason, for over ten years. We are a small state agency that provides construction grants to county governments to repair and/or improve their historic courthouses and annex buildings. Adam has been an extraordinary asset to our Authority and Board of Directors. He has provided expert advice in the form of attending Board of Directors' meetings, scoring grant applications and personally visiting individual courthouses to meet with local officials.

Not only is Adam very professional, but he is also very personable and has a demeanor about him that encourages the sharing of opinions without the fear of controversy. Adam is always prompt in his responses. He is well versed in the procurement process and ensures that projects run smoothly.

I wholeheartedly, without reservation, recommend the services of ZMM Architects. Should further information be necessary, please do not hesitate to contact me at (304) 558-5435 or via email at [Melissa.smith@wvcfia.com](mailto:Melissa.smith@wvcfia.com).

Respectfully,

A handwritten signature in blue ink that reads "Melissa D. Smith".

Melissa Garretson Smith  
Executive Director