

Statement of Qualifications
for:
Architectural & Engineering Design Services
New Capitol Daycare Center
RFQ#GCD116404



RECEIVED

2010 SEP 22 A 11: 13

PROCURING DIVISION
STATE OF WV

22 - September - 2010



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

Request for Quotation

RFQ NUMBER
GSD116404

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2

ADDRESS CORRESPONDENCE TO ATTENTION OF
**KRISTA FERRELL
 304-558-2596**

***709055254 304-342-0159**
ZMM INC
222 LEE STREET W
CHARLESTON WV 25302

**DEPARTMENT OF ADMINISTRATION
 GENERAL SERVICES
 BUILDING 1 ROOM MB60
 1900 KANAWHA BOULEVARD, EAST
 CHARLESTON, WV
 25305-0123 304-558-2317**

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
08/25/2010				
BID OPENING DATE: 09/22/2010		BID OPENING TIME 01:30PM		

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
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I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.

ADDENDUM NO.'S:

- NO. 1
- NO. 2
- NO. 3
- NO. 4
- NO. 5

NONE.

I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF TH ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF EOIS.

VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.

[Signature]

 SIGNATURE

ZMM, Inc.

 COMPANY

22 SEPT 2010

 DATE

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE	TELEPHONE	DATE	
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE	

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



ARCHITECTS & ENGINEERS

September 22, 2010

Ms. Krista Ferrell, Buyer
Department of Administration, Purchasing Division, Building 15
2019 Washington Street, East
Charleston, West Virginia 25305-0130

Subject: A&E Services for the Design of a New Capitol Daycare (GSD116404)

Dear Ms. Ferrell:

The New Capitol Child Development Center that is being planned at the State of West Virginia Capitol Campus requires a design solution that meets the stated vision of providing a safe, innovative, vibrant learning environment. **ZMM** proposes to provide a solution that meets these goals and also provides opportunities for children to discover, create, and explore in comfortable child-sized spaces. **ZMM** commits to providing this solution by designing an environment that is integrated with the State's proposed curriculum and curriculum delivery method.

ZMM is one of few full service A/E firms in West Virginia, and is noted for design excellence and client focus. **ZMM's** educational design experience spans five decades, and has been recognized with both statewide and national planning and design awards. Our portfolio includes more than 200 educational facilities throughout the State of West Virginia, many of which are located in the Kanawha Valley, including: the New West Side Elementary School; Dunbar Primary and Intermediate Centers; and the Christ Church United Methodist Child Development Center.

In addition to our educational design experience **ZMM** employs two Recognized Educational Facility Planners (REFPs), Mr. David Ferguson and Mr. Rodney Watkins, who bring a combined 65 years of experience planning and designing educational facilities throughout West Virginia. Mr. Ferguson and Mr. Watkins have worked closely with the State of West Virginia School Building Authority and the State of West Virginia Department of Education serving on various committees to review and update educational facility construction standards. Additionally, **ZMM** will be collaborating on this project with Fortis Lamas Architects, a firm that specializes in creating innovative daycare centers in both the United States and Europe.

In addition to our educational experience, **ZMM** has recent experience working at the State of West Virginia Capitol Complex. This work includes the Renovation of the Capitol Food Court, Renovation of the 10th Floor of State Office Building #5, Building 5, 6, & 7 Roof and Window Replacements, Electrical Service Upgrades, as well as several projects at the Culture Center.



We are confident that our experience providing services at the Capitol Complex, as well as our experience designing innovative learning environments throughout the State of West Virginia, demonstrates that **ZMM** is uniquely qualified to provide professional design services for the New Capitol Child Development Center.

Thank you for taking the time to review the attached information that details our proposed project approach, qualifications, personnel, experience, and references for the New Capitol Daycare. Additionally, please visit our websites (www.zmm.com and www.daycaresdesigners.com) to learn more about our team. We look forward to the opportunity to present our ideas for this project, and appreciate the opportunity to be considered for this important assignment.

Respectfully submitted,

ZMM

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

Principal

A&E Services for the Design of New Capitol Daycare Center

RFQ# GSD 116404

Cover Letter

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Statement of Project Understanding – Capitol Child Development Center

The State of West Virginia General Service Division is replacing the existing State of WV Capitol Daycare which is currently located in a renovated elementary school facility between Jefferson and Michigan Avenues on Washington Street East. The New Capitol Daycare will be located on or adjacent to the Capitol Complex. The proposed child development center will be approximately 30,000 SF, and be designed to accommodate approximately 250 children from infants through pre-kindergarten. It is the intent of the State of West Virginia that the child development center employs an innovative design that creates a vibrant learning environment for the children that will attend the center.

Studies indicate that nearly 70% of children under the age of six attend some form of daycare outside of their home. This statistic demonstrates the importance of the design of the proposed child development center. A well designed center will provide the vibrant learning environment identified by the State of West Virginia, but will also provide a safe and nurturing environment for the infants, toddlers, and young children that will be attending the center.

Project Approach

Since 1959, **ZMM** has provided design services for more than 200 educational facilities throughout West Virginia. These facilities include new construction and renovation, child development centers, pre-kindergarten facilities, primary centers, elementary schools, middle schools, high schools, and higher education facilities. One constant between all of our educational projects is that they are designed around the curriculum and the methods that educators are using to deliver the curriculum.

For this project **ZMM** will be working with Fortis Lamas Architects. Orlando Lamas, an architect who has designed child development centers throughout the United States and Europe, will be assisting with the programming and schematic design. Mr. Lamas brings specialized child development center experience to the project team, and his firm's focus is on designing innovative and vibrant daycare centers. Fortis Lamas utilizes a design approach that "big things create the impression and the little things create the memory."

If selected to provide professional design services for the project, **ZMM** would recommend that the State of West Virginia investigate the child development center standards developed by the following organizations:

- Title 78, Legislative Rules, DHHR, Series 18, Family Day Care Facility Certification Requirements
- Whole Building Design Guide (WBDG), Subcommittee on Child Development Centers
- National Association for the Education of Young Children (NAEYC)
- U.S. General Services Administration (GSA) Child Care Center Design Guide

Each of these standards provides specific recommendations for the site selection, planning, and design of child development centers. Title 78 lists the State of WV Standards while the WBDG provides 'big-picture' common sense standards for the planning and design of a child development center. The NAEYC provides criteria for operational standards, and the GSA Child Care Center Design Guide provides



a thorough analysis of child development center design from site selection through recommended interior finishes.

ZMM would also recommend that the following issues be explored during the design process:

- Site Selection, Site Circulation, Site Design

The selection of the site for the child development center is critical. The site should be adequate to allow for the building, vehicular and pedestrian circulation including drop-off areas, as well as adequate space for outdoor physical activities including running, climbing, swinging, sliding, and balancing. The outdoor space should also provide areas for children to explore a variety of natural elements. Outdoor spaces for the children should be secure, and if possible provide views to some of the neighborhoods adjacent to the Capitol that reflect a more residential scale.



- Interior Design

The interior space should be flexible, homelike, and sized for children. Flexibility should allow the children to reconfigure the space as they pursue various activities. The space should be residential or smaller in scale so children feel comfortable to explore their new environment. The GSA standards for child care center design stress the importance of sizing the building for children, and providing a series of diagrams to demonstrate appropriate heights for various building elements ranging from plumbing fixtures to casework and windows.



- Lighting

Natural and indirect lighting should be utilized when possible. These types of lighting help create a warmer environment, and will help ensure that the new child development center reflects a normal, safe environment for the children.



- **Finish Selections**

Finish selections need to be made with the safety of children in mind. Materials that are hazardous to children or create poor indoor air quality need to be avoided. The scale of the materials utilized should reflect a residential quality, and outside corners should be rounded to eliminate the potential for injury. Strong or vivid colors should be used to accent a more neutral color scheme.



- **Sustainability**

Many of the concepts of sustainability are relevant to the design of a child development center. Sustainable design concepts related to daylight and views, indoor environmental quality, and acoustics will be of primary importance. The center can also be designed as a teaching tool, allowing the students to actively participate in a hands-on manner with concepts such as energy conservation, reducing water use, and recycling.



ZMM's project approach for the new State of West Virginia Child Development Center will help ensure the stated vision of providing a safe, innovative, vibrant learning environment. It will also provide opportunities for children to discover, create, and explore in a comfortable child-specific space.

Firm/Team Qualifications

Capitol Daycare Center



Below, please find the information requested in GSD116404:

A. Firm Contact: Adam R. Krason, AIA, NCARB, LEED-AP
ZMM, Inc.
222 Lee Street, West
Charleston, WV 25302
ark@zmm.com

A handwritten signature in black ink, appearing to read 'A. R. Krason', written over a horizontal line.

Signature

B. Project Team (Please find resumes attached):

Name	Role
Adam R. Krason, AIA	Project Manager - ZMM
David Ferguson, AIA	Principal - ZMM
Orlando Lamas, R.A.	Principal - Fortis Lamas Architects
Ivo Fernandez	Principal - Fortis Lamas Architects
Rod Watkins, AAIA	QA/QC - ZMM
Brian Estep, AIA	Architect - ZMM
Nate Spencer, AIA	Architect - ZMM
Bob Doeffinger, P.E.	Mechanical Engineer - ZMM
Mary Jo Cleland, P.E.	Civil Engineer - ZMM
Steve Hedrick, P.E.	Structural Engineer - ZMM
Scot Casdorff, P.E.	Electrical Engineer - ZMM
Mike Abernethy, IESNA	Electrical and Lighting Design - ZMM

- C. Work for the project will be performed by ZMM employees and partners **Fortis Lamas Architects, FL**.
- D. As a full service architecture and engineering firm, **ZMM** is uniquely qualified to provide design services on daycare and elementary school project. Please note that examples of our experience providing design services on similar projects can be found in Section 4. **ZMM and Fortis Lamas Architects** are capable to handle the new Capitol Daycare Center project in its entirety.
- E. **ZMM** understands and agrees that any and all work produced as a result of the contract becomes the property of the State of West Virginia General Services Division and can be used or shared as deemed appropriate by the Owner.
- F. **ZMM** has been providing design services in the State of West Virginia for more than fifty years. During this time our work has regularly conformed to all local, State, and Federal regulations. Additionally, **ZMM** regularly coordinates our work during the design phase with the State of West Virginia Fire Marshal to help ensure compliance with NFPA 101 and Title 87.

Firm/Team Qualifications

Capitol Daycare Center



G. **ZMM** is not involved with any litigation or arbitration proceedings with the State of West Virginia General Services Division or any other State Agency related to the firm's delivery of design services.

ZMM is party to a lawsuit in McDowell County brought by residents close to a project designed by ZMM for the local school district. During the course of the construction work, which included the relocation of a WV secondary roadway, the WV Dept of Highways decided to provide a temporary roadway to bypass construction.

This temporary by-pass, not designed or the responsibility of ZMM, allegedly caused dust and other issues for the plaintiffs.

Since ZMM had no design or other responsibility for the roadway that brought rise to the alleged dust and inconvenience, we feel that we will be released by summary judgement. Depositions have been scheduled.

HISTORY AND PHILOSOPHY of ZMM



LOCATION:
222 Lee Street, West
Charleston, WV

CONTACT:
Phone 304.342.0159
Fax 304.345.8144
www.zmm.com

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

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

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



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

HISTORY AND PHILOSOPHY of ZMM



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

COMMUNITY SUPPORT

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

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



fortislamasarch.

7430 SW 48th Street Miami, FL 33155 O.800.969.7919 F. 305.808.3463 AA26001480 www.daycaredesigners.com

COMPANY HISTORY:

Established as Lamas Associates in 2002 by Orlando Lamas RA.

- Focused on high-end residential and light commercial projects
- Implemented unique approach to Day Care and environmental design in 2003

Merged with Fortis, Lamas Architects in March of 2007.

- Created collaborative studio merging hospitality, Daycare and public space design with Modus Architects.
- Developing an interdisciplinary studio named STUDIO 3, combining integrated multi use public space and experiential architecture.



Position
Project Manager

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

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

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

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

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

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

Project Experience
State Office Building 5, 6, & 7 Analysis, 10th Floor Renovation
West Virginia Army National Guard - CFMO Expansion Project
West Virginia Army National Guard - Logan Readiness Center
West Virginia Army National Guard - Morgantown Readiness Center
Joint Interagency Training and Educational Center (JITEC)
State of West Virginia Division of Juvenile Services
Wood County Justice Center
Nicholas County High School Additions/Renovations
West Virginia University at Parkersburg, Downtown Facade
Parkersburg Catholic Schools
Mountaineer Middle School

DAVID E. FERGUSON

AIA, REFP



Position

Principal

Education

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

Employment History

2002-Present, Principal, ZMM
2001-Present, Board of Directors, ZMM
2001-Present, Project Architect, Project Manager, ZMM
1996-2001, Project Architect, ZMM
1984-1996, Designer, ZMM
1983-1984, Designer, Cilco, Inc.
1980-1983, Designer, Union Carbide Corp.
1979-1980, Drafting/Design, Parkline, Inc.

Professional Credentials

Registered Architect (WV, OH)
Professional Member, American Institute of Architects
Professional Member, West Virginia Chapter of the AIA
Director, West Virginia Chapter of the AIA
Professional Member, US Green Building Council
Member, Council of Educational Facility Planners International
Recognized Educational Facility Professional (REFP) by CEFPI

Community/Professional Service

High School Student Mentor/Job Shadowing Program
West Virginia AIA IDP Program Mentor/Advisor
West Virginia State Department of Education - Policy 6200
Revision Committee
West Virginia School Building Authority Performance and Design
Standards Committee

Professional Experience

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

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

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ORLANDO LAMAS, R.A., NCARB, LEED AP
Fortis Lamas Architects, Inc.
Principal

As Principal, Mr. Lamas specializes in the design and management of various types of child related projects through all phases of Master Planning, Design, and Construction. With more than fifteen years of experience, Mr. Lamas has been the Lead Designer and Project Manager on various childcare and children's retail.

CHILD CARE PROJECTS

- **Genesis Child Care, Miami Lakes, Florida - Project Designer/Project Architect for a 6,000 SF childcare center.**
- **Lil' Champs Child Care, Phoenix, Arizona - Project Designer/Project Manager for 4,500 SF child care and learning center with after school care facilities.**
- **Kid's Kastle Daycare, Miami, Florida - Project Designer/Project Architect for a 8,400 SF child care with after school care facilities.**
- **Little Buccaneers, Tampa, Florida - Project Designer/Project Architect for a 6,000 SF child care center.**
- **Kid's Kastle Daycare, Miami, Florida - Project Designer/Project Architect for a 8,400 SF child care with after school care facilities.**
- **All About Kids, Toronto, Ontario - Project Designer/Project Manager for a 920 SM 24 hr. child care with after school care facilities.**
- **Child Time Learning Center, Moncton ,New Brunswick, - Project Designer/Project Manager for a 10,440 SF child care with after school care facilities.**
- **Guarderia El Jardin, Madrid, Spain - Project Designer/Project Manager for a 800 SM child care with after school care facilities.**
- **Trinity Daycare, Gulfport, Mississippi - Project Designer/Project Manager for a 4,800 SF child care.**
- **Colours of Life Childcare Center, Madrid, Spain - Project Designer/Project Manager for a 600 SM child care with after school care facilities.**
- **Daycare @ Pointe Santo de Sanibel Resort, Sanibel, Florida - Project Designer/Project Architect for a 4,000 SF child care with after school care facilities.**

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- **Little Explorers Learning Center, Barcelona, Spain - Project Designer/Project Manager for a 700 SM child care with after school care facilities.**
- **Garden Learning Center, Atlanta, Georgia - Project Designer/Project Architect for a 6,200 SF child care.**
- **Just 4 Kids Daycare, Baton Rouge, Louisiana - Project Designer/Project Manager for a 9,000 SF child care with after school care facilities.**

LICENSURE / CERTIFICATIONS

**The State of Florida, Board of Architecture & Interior Design
AR #93251
Registered Architect**

**The National Council of Architectural Registration Boards
#95987
NCARB Certified Professional**

**The US Green Building Council
LEED Accredited Professional** **June 2009**

**Florida DBPR Contractor's Licensing Division
CGC #059834
Certified General Contractor**

EDUCATION

**Bachelor's of Architecture, May 1998
University of Florida, College of Architecture
Gainesville, FL**

**Master's of Architecture, May 2000
University of Florida, College of Architecture
Gainesville, FL**

PROFESSIONAL AFFILIATIONS

**United Way of Miami Dade 2000 - 2001
Kick Off Committee Member**

**AIA American Institute of Architects
30177186**

US Green Building Council

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IVO FERNANDEZ, JR., LEED AP
Fortis Lamas Architects, Inc.
Principal

As Principal, Mr. Fernandez specializes in the design and management of various types of projects through all phases of Master Planning, Design, and Construction. With more than fifteen years of experience, Mr. Fernandez has been the Lead Designer and Project Manager on various projects many of which have received awards for excellence.

CHILD CARE PROJECTS

- **Kid's Kastle Daycare, Miami, Florida - Project Designer/Project Architect for a 8,400 SF child care with after school care facilities.**
- **Little Buccaneers, Tampa, Florida - Project Designer/Project Manager for a 6,000 SF child care center.**
- **Child Time Learning Center, Moncton ,New Brunswick, - Project Designer/Project Architect for a 10,440 SF child care with after school care facilities.**
- **Guarderia El Jardin, Madrid, Spain - Project Designer/Project Manager for a 800 SM child care with after school care facilities.**
- **Colours of Life Childcare Center, Madrid, Spain - Project Designer/Project Manager for a 600 SM child care with after school care facilities.**
- **Garden Learning Center, Atlanta, Georgia - Project Designer/Project Architect for a 6,200 SF child care.**
- **All About Kids, Toronto, Ontario - Project Designer/Project Manager for a 920 SM 24 hr. child care with after school care facilities.**

CERTIFICATIONS

The US Green Building Council
June 2009
LEED Accredited Professional

EDUCATION

Bachelors of Architecture
May 1995
Florida A & M University Tallahassee, Florida

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PROFESSIONAL AFFILIATIONS

ICSC International Council of Shopping Centers #
1243861

United Way of Miami Dade 1999 -
2003 Kickoff Committee Member

United Way of Miami Dade 2002
Kickoff Committee Co-Chairman

PERSONAL AWARDS

South Florida Business Journal
2001
Up and Comers Award - Finalist

R. RODNEY WATKINS

AAIA, REFP



Position

Principal

Educational Planning, Administration and Business Development

Education

Computer Programming; Center College, Charleston, West Virginia; 1964

Architectural Drafting; Center College, Charleston, West Virginia; 1965

Employment History

1991 - Present, Vice President and Principal; ZMM

1985 - 1991, Principal and Partner; West Virginia Architectural Firm

1977 - 1985, Project Manager and Construction Administrator; West Virginia Architectural Firm

1971 - 1977, Director of Facilities Planning; West Virginia Public School System

1968 - 1971, Project Manager; West Virginia Architectural Firm

1965 - 1968, Draftsman and Group Leader; West Virginia Architectural Firm

Civic Affiliations

Associate Member; American Institute of Architects

Professional Member; Council of Educational Facility Planners, International

Professional Experience

Mr. Watkins is responsible for the marketing program, office technology, construction administration, and educational facility planning at ZMM. As a Principal of the firm he also has project as well as corporate administrative duties and serves on the Board of Directors.

Mr. Watkins' started his career in 1965 in the field of architectural drafting for an architectural firm in Charleston, WV. He began his educational planning experience in earnest in 1970 with a 7 year employment with Kanawha County Schools as Coordinator, and later as Director of Facility Planning, gaining a public sector view and experience base in school planning and design.

He is a Recognized Educational Facility Professional by the Council of Educational Facility Planners, International and has been involved in the planning and construction of over 100 school facilities throughout West Virginia.



Position

Project Architect

Education

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

Employment History

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

Professional Credentials

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

Professional Experience

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

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

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

Project Experience

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

NATHAN SPENCER, AIA



Position

Architect, ZMM, Inc.

Education

Bachelor of Architecture, University of Tennessee, Knoxville, TN, 2007
Architectural Drafting and Construction Technology, West Virginia State College, Institute, WV

Employment History

2009 - Present, Architect, ZMM, Inc.
2007 - 2008, Designer, ZMM, Inc.
2003 - 2006, Summer Intern, ZMM, Inc.

Professional Credentials

American Institute of Architects (WV)

Professional Experience

Mr. Spencer has been employed by ZMM since 2003 when he started working as an intern. Experience includes the production of architectural drawings throughout all phases of the project.

Mr. Spencer has background developing both 3-D and physical models along with construction document production. Mr. Spencer works closely with the project architect to efficiently produce clear and accurate drawings to ensure that client expectations are met.

Project Experience

- Martha Elementary School
- Hacker Valley Pre-K-8 School
- Southside Elementary/Huntington Middle School
- State of West Virginia Division of Juvenile Services
- Joint Interagency Training Educational Center (JITEC)
- WV Army National Guard - Logan Readiness Center
- WV Army National Guard - Morgantown Readiness Center
- WV Army National Guard - Ripley Readiness Center
- WV Army National Guard - CFMO Expansion Project
- Judge Black Courthouse Annex
- Highland Medical Facility
- The Boulevard at 2412 - Residential Housing Project

ROBERT C. DOEFFINGER

PE



Position

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

Education

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

Employment History

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

Professional Credentials

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

Civic Affiliations

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

Professional Experience

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

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

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



Position

Civil Engineer

Education

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

Employment History

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

Professional Credentials

Registered Engineer (WV)

Professional Experience

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

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

Project Experience:

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



Position

Structural Engineer, ZMM

Education

B.A., Civil Engineering, West Virginia University Institute of Technology, Montgomery, WV, 1996-2001

M.A., Civil Engineering - Structural, University of Tennessee Knoxville, TN, 2001-2003

Employment History

2007-Present, ZMM

2003-2007, Principal Engineer, McCall Engineering, LLC, Sarasota, FL

2001-2003, Teaching Assistant and Thesis Research, University of Tennessee, Knoxville, TN

Professional Credentials

Professional Engineer (PE), 2007

Certified Engineer in Training (EIT), 2001

Professional Experience

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

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

Project Experience

Southside Elementary/Huntington Middle School

Highland Medical Facility

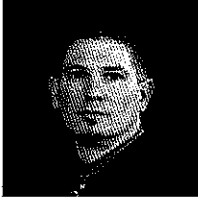
New River Elementary - Supplemental Support

Hacker Valley Elementary - Supplemental Support

Barboursville Middle School - Supplemental Support

Glen Jean Armed Forces Center - Joist Reinforcement

West Virginia Cultural Center



Position

Electrical Engineer

Education

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

Employment History

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

Professional Credentials

Professional Engineer (WV)

Professional Experience

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

Responsibilities Include:

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

Project Experience

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

MICHAEL D. ABERNETHY

LC, IESNA



Position

Electrical and Lighting Designer

Education

A.S. Drafting and Design Engineering Technology, WV Institute of Technology, 1970

IESNA Certificate of Technical Knowledge (TKE) in Lighting Design

Employment History

1992-Present, ZMM, Electrical Designer/Technician

1988-1992, W. Va. Signal & Light, Inc., Construction Estimator/Purchasing Agent & Office Manager

1973-1988, ZMM, Electrical Designer/Technician

Professional Credentials

Lighting Certified by the National Council on Qualifications for the Lighting Professions (NCQLP)

Master Electricians License (West Virginia)

Professional Experience

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

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

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

Project Experience

Southside Elementary/Huntington Middle School

Martha Elementary School

Erma Byrd Higher Education Center

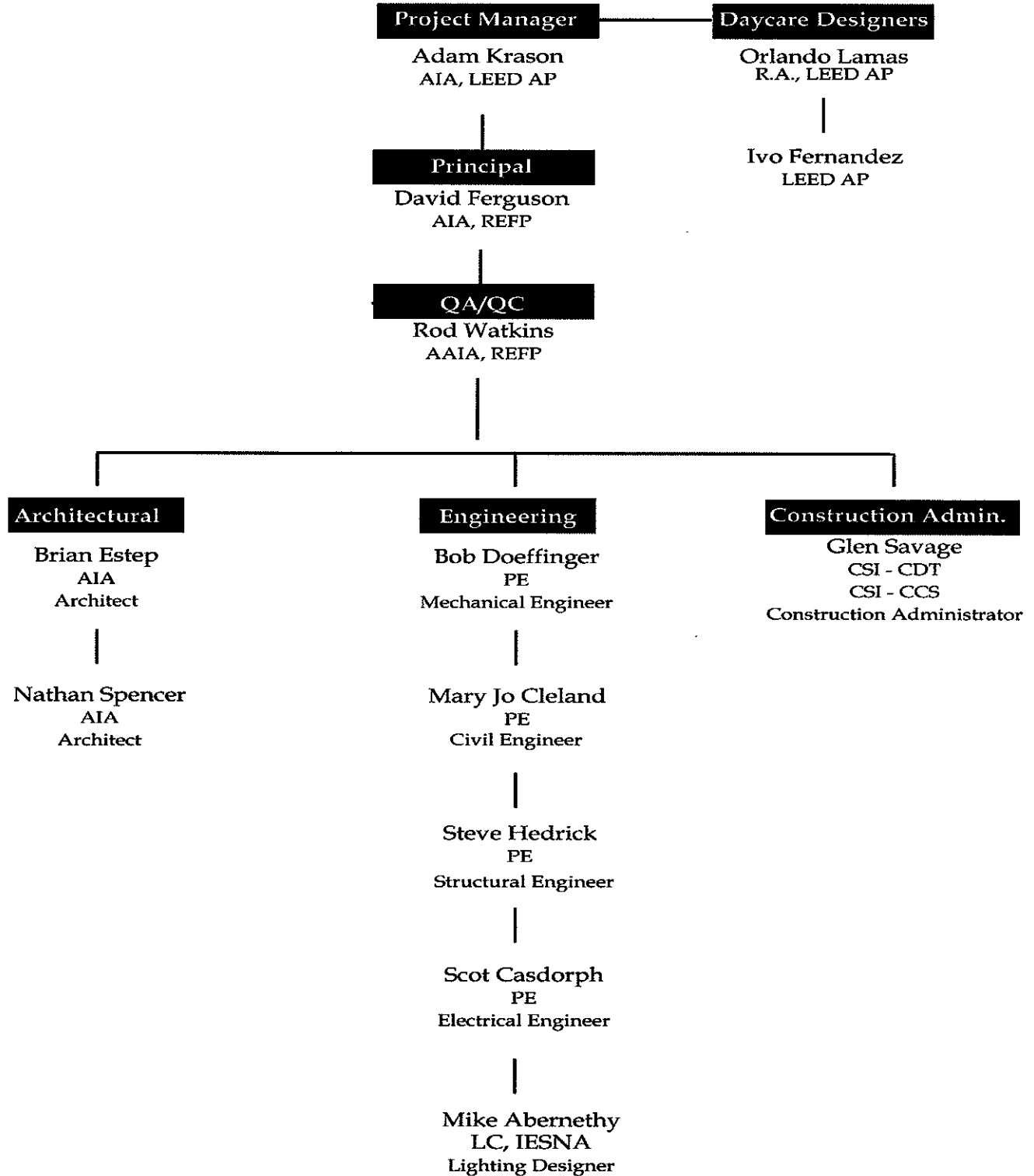
Lincoln County High School

St. Albans High School

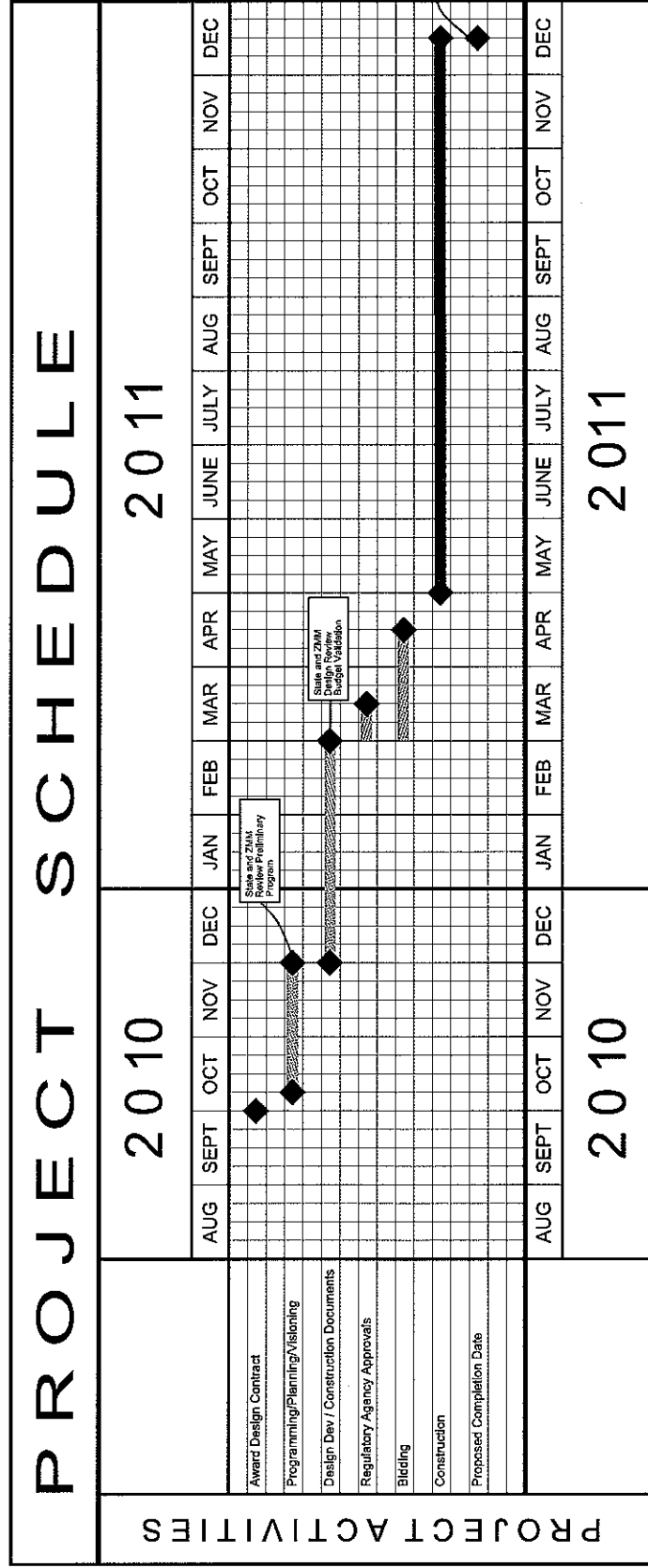
Greenbrier East High School

State of WV Office Buildings 5, 6 & 7

Organizational Chart



New WV Capitol Daycare Center



◆ THIS SYMBOL DESIGNATES AN ACTION ITEM



PROFESSIONAL SERVICES



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

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

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

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

Executive Summary		Index (Pages)
National Guard Bureau		
Contract	26,000	
Sub-Total (2007)	26,000	
Total (2007)	26,000	
Department of Energy		
Contract	18,100	
Sub-Total (2007)	18,100	
Total (2007)	44,100	
AIR FORCE		
Contract	12,100	
Sub-Total (2007)	12,100	
Total (2007)	56,200	
Joint Interservice/Training Center/EMC		
Contract	11,700	
Sub-Total (2007)	11,700	
Total (2007)	67,900	
Other		
Contract	10,000	
Sub-Total (2007)	10,000	
Total (2007)	77,900	
Total Building Area		
Contract	12,100	
Sub-Total (2007)	12,100	
Total (2007)	90,000	



PROFESSIONAL SERVICES



DESIGN

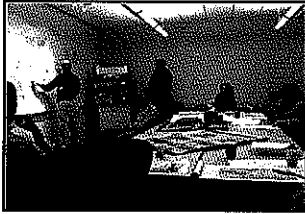
- Architectural Design
- Sustainable Design
- Interior Design
- Landscape Architecture
- Structural Engineering
- Mechanical Engineering
- Electrical Engineering
- Civil Engineering
- Data System Design
- Lighting Design
- Energy Consumption Analysis



POST DESIGN

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





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

1. Selecting the Project Team

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

2. Identifying Project Requirements

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

3. Identifying Client Expectations

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

4. Ongoing Project Reviews

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

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

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

5. Post Project Review

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

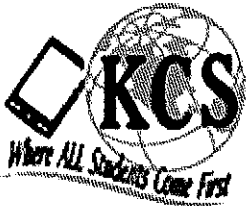
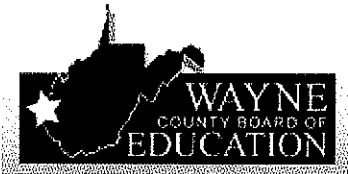
6. Staff Training, Assessment and Enhancement

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

QUALITY ASSURANCE



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



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DAYCARE SERVICES:

All Services

Site Analysis and Selection
Pre-Design Services
Code and Local Ordinance Review
Architectural Services
Interior Design Services
Construction Management (South Florida only)
Presentation Services
Graphic Design
Furniture Design and Development

Site Analysis and Selection

Site Strategy and Development
Site Planning
Existing Facilities Surveys

Pre-Design Services

Project Scheduling
Space Schematic and Layouts
Coordination of all Specialty Consultants

Code and Local Ordinance Review

Building/Planning Department Analysis
Zoning and Code Analysis
ADA and Life Safety Compliance Surveys

Architectural Services

Schematic Design
Design Development
Construction Documents
Bidding and Negotiation
Construction Administration

Interior Design Services

FF&E (furniture, fixtures & equipment) Design
Purchasing

Management of Specialty Items and Sourcing

On-Site Management of Specialty Items and FF&E
Proposal and Contract Review
Selection of Contractors and Subcontractors

Presentation Services

Renderings and Fly-Throughs
Water Color Renderings
Models

Southside Elementary & Huntington Middle School

Cabell County Schools



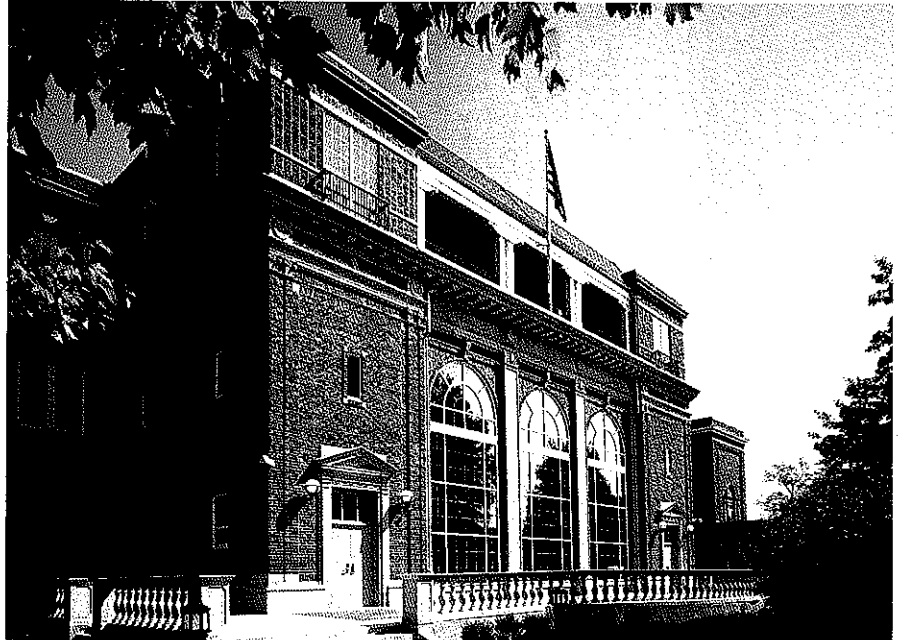
LOCATION:
Huntington, West Virginia

SIZE:
158,194 SF

COMPLETION:
Est. 2010

COST:
\$27 Million

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



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

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



Southside Elementary & Huntington Middle School

Cabell County Schools



LOCATION:
Huntington, West Virginia

SIZE:
158,194 SF

COMPLETION:
Est. 2010

COST:
\$27 Million

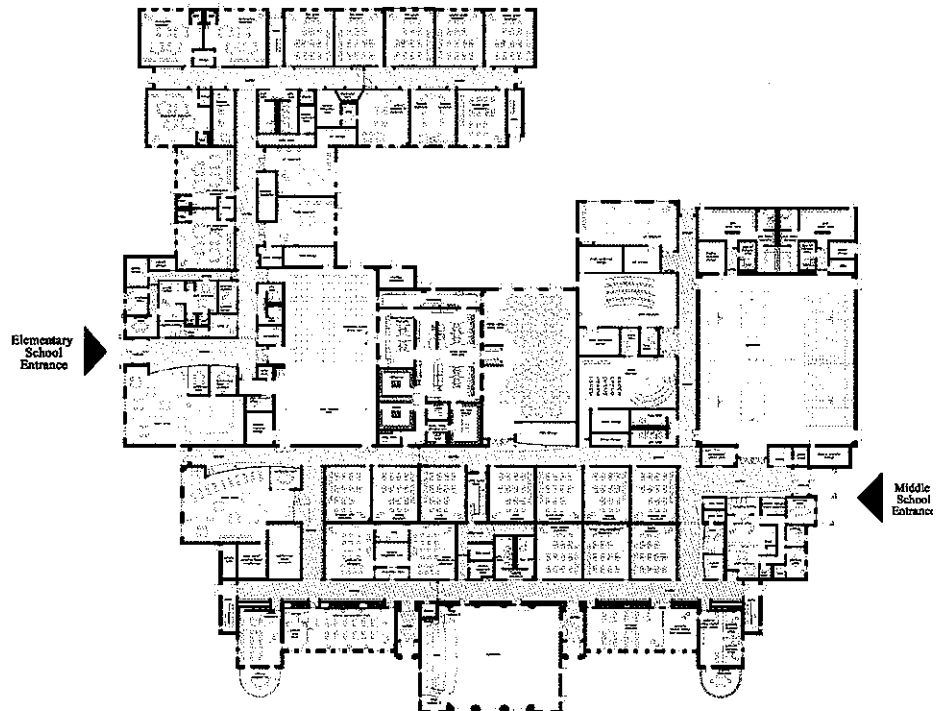
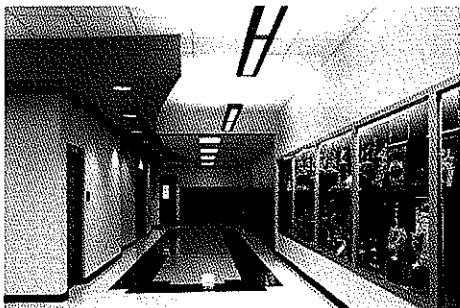
CONTACT:
Mr. William Smith
Superintendent
2850 5th Avenue
Huntington, WV 25702
304.824.3033



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



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



Hacker Valley PK-8 School

Webster County Schools



LOCATION:
Hacker Valley,
West Virginia

SIZE:
30,433 SF

COMPLETION:
2008

COST:
\$8.2 Million

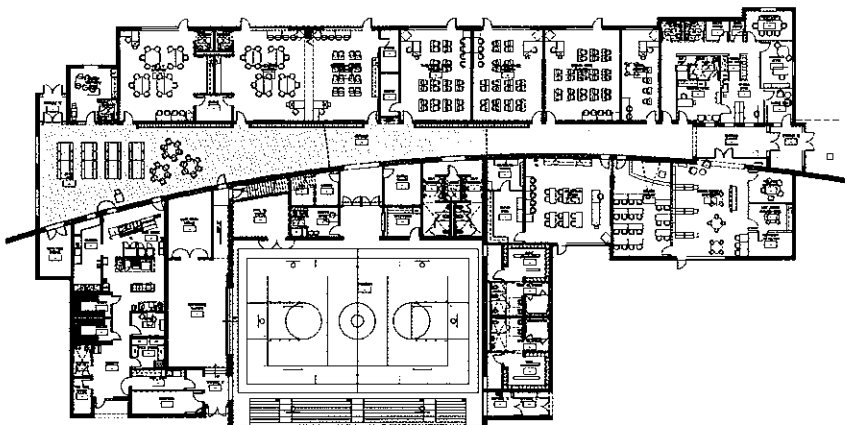
CONTACT:
Mr. A.J. Rogers, Jr.
Superintendent
315 South Main Street
Webster Springs, WV
26288
304.847.5638



The new Hacker Valley Pre-K-8 School replaces the old outdated modular facilities and metal building. It is constructed on beautiful farm land behind the existing school. The area is rich with community involvement, and home to many professional artisans.

This had an impact on the materials being selected for the building. The building is host to a large curved stone wall and heavy timber frame entrances. The remote area has a low student population which allowed some creative and unique spaces to be designed within the school.

The facility includes a dining room that doubles as a commons area and kitchen. The gymnasium area also has a stage area that serves as the music classroom. The science room serves as a dual purpose room for art classes. The Pre-K and kindergarten are separate classrooms that open directly onto the playground. The low enrollment dictates dual grades in each classroom. Each classroom also opens directly outside to outside classroom area.



West Side Elementary School

Kanawha County Schools



LOCATION:
Charleston, West Virginia

SIZE:
66,400 SF

COMPLETION:
Est. 2011

COST:
\$ 14 Million

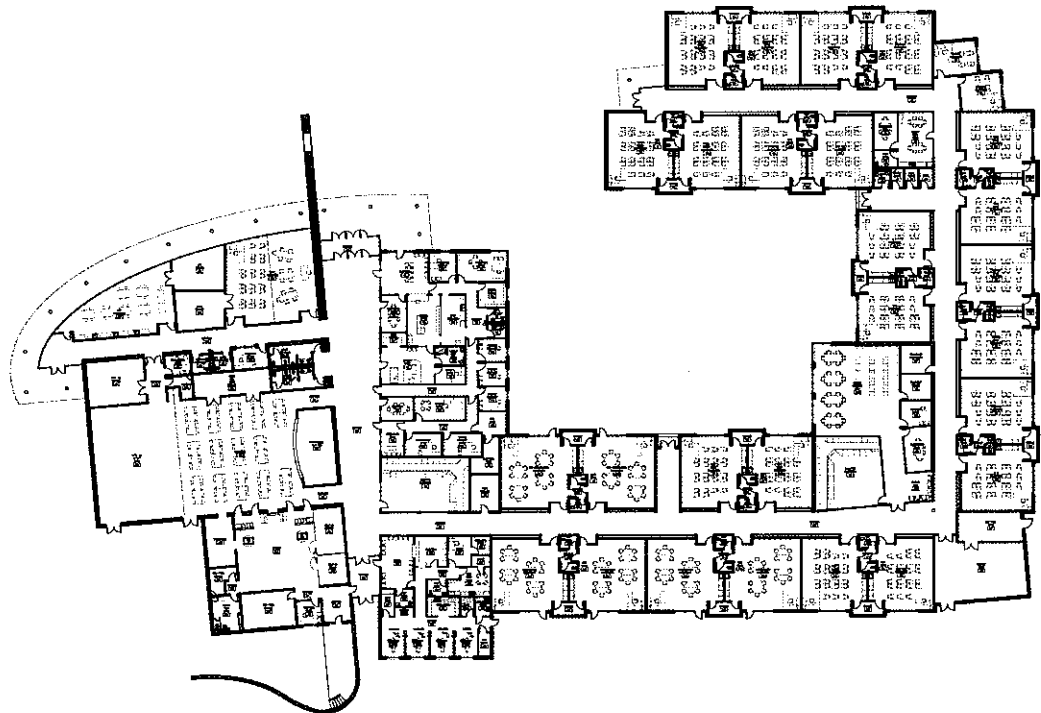
CONTACT:
Dr. Ronald Duerring
Superintendent
200 Elizabeth Street
Charleston, WV 25311
304.348.7732



This new Elementary School will for the west side of Charleston will serve 380 students from pre-Kindergarten through 5th grade. The new school includes a commons/cafeteria space with an area for student performances, an activity room for Physical Education, full kitchen, Media Center, art room and music room.

Each classroom has its own restroom allowing teachers to have close supervision of the students. The new school will be a focal point in the community and will provide office space, meeting rooms and a computer classroom for adult education for neighborhood patrons.

A unique feature of this school is a complete dental clinic dedicated to serving the students of other local county schools. Each classroom has large windows for natural light, which studies have shown increased student achievement and teacher morale and reduce absenteeism.



PROJECT:

EL JARDIN

LOCATION:

MADRID, ES

DESIGN STATEMENT

Located in downtown Madrid, El Jardin captures the hearts and minds of both parents and children alike. A subtle twist on the playful nature of colors, shapes and whimsy, this daycare was meant to be both soothing and inspiring. The subtle use of primary colors was used to keep emotional clutter to a minimum while providing a peaceful and safe home away from home.



EL JARDIN ENTRANCE VIEW



EL JARDIN "BUBBLE LOFT"

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EL JARDIN CENTRAL COORIDOR

PROJECT:

Garden Learning

LOCATION:

Atlanta, GA

DESIGN STATEMENT

The specific design challenge in this complete renovation was that the existing space and its schematic design was to remain unchanged. In its previous incarnation as an institutional space the egress pathways that were once dark and foreboding became playful transition spaces to create circulation and a sense of community within a much larger and un-ordered space. The simple use of lines and forms while paying specific attention to scale and volume let the children feel that the space was designed specifically for them.



GARDEN LEARNING ENTRANCE AND CHECK IN

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GARDEN LEARNING NEW TRANSITIONAL CIRCULATION

New River Elementary School

Fayette County Schools



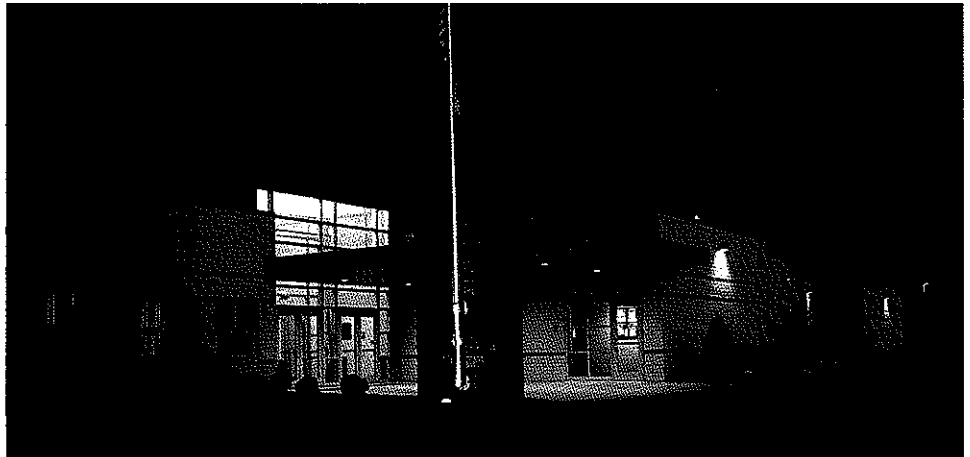
LOCATION:
Fayetteville, West Virginia

SIZE:
71,628 SF

COMPLETION:
2009

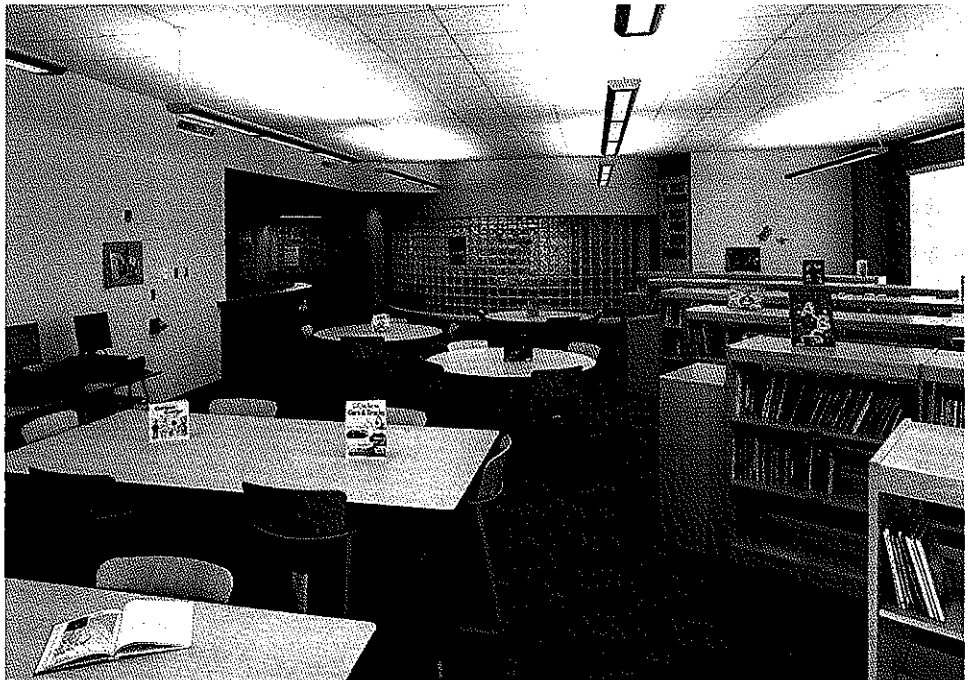
COST:
\$12 Million

CONTACT:
Mr. Dwight Dials
Superintendent
111 Fayette Avenue
Fayetteville, WV 25840
304.574.1176



A state-of-the-art media center and a 1,300 SF health clinic for students and the public highlight this Pre K-5 facility for 675 students. The Pre K and kindergarten classrooms are located in a separate wing that open directly to a outdoor play area.

The facility also includes a kitchen, dining room, gymnasium, art and music classrooms, and other traditional elementary school spaces, including a computer technology laboratory.



Martha Elementary School

Cabell County Schools



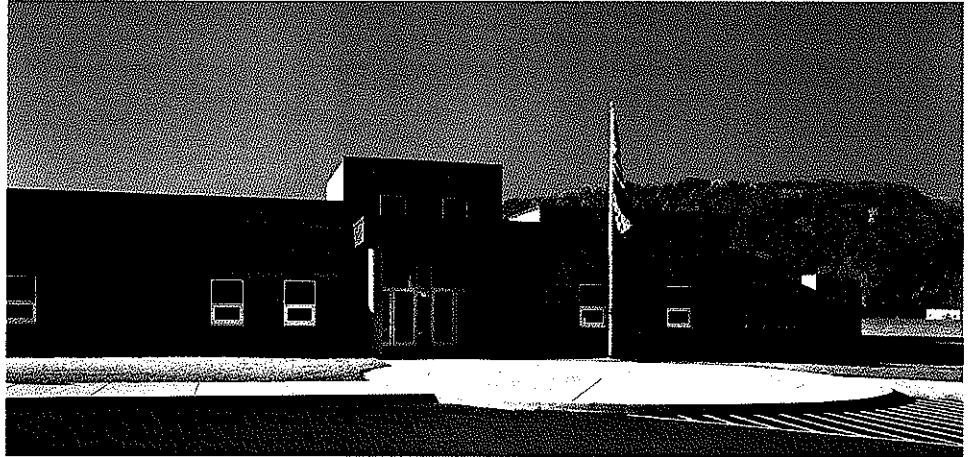
LOCATION:
Martha, West Virginia

SIZE:
33,000 SF

COMPLETION:
2008

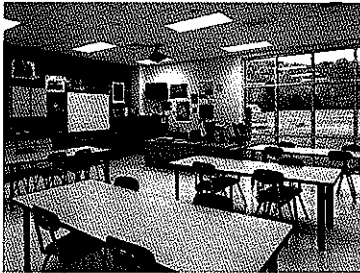
COST:
\$6.9 Million

CONTACT:
Mr. William A. Smith
Superintendent
2850 5th Avenue
Huntington, WV 25702
304.528.5030



The New Martha Elementary school for 309 students replaces an old out-dated facility that was partially built as a temporary structure. It is constructed on beautiful rolling farm land behind the existing school.

The larger site allows for future expansion as enrollment increases and large play areas that the existing facility was not able to accommodate. The facility includes food preparation facilities, cafeteria, multi-purpose room, media center, art and music facilities, and traditional elementary classroom spaces.



Beckley Elementary School

Raleigh County Schools

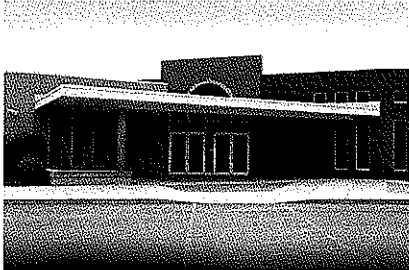
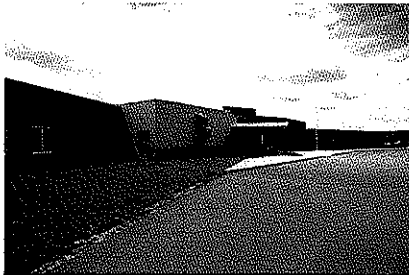
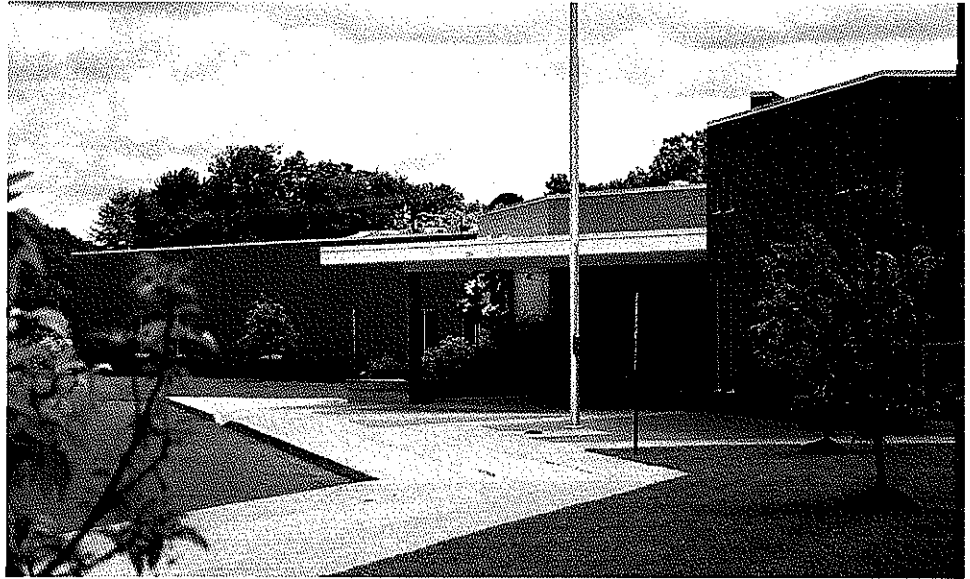


LOCATION:
Beckley, West Virginia

SIZE:
39,600 SF

COMPLETION:
2004

CONTACT:
Dr. Charlotte Hutchens
Superintendent
105 Adair Street
Beckley, WV 25801
304.256.4500



The new 400 student elementary school is constructed on a property adjacent to the Beckley-Stratton Middle School. The facility is comprised of 39,600 SF with grades K-5. The new facility includes food preparation facilities, a stage area, a state of the art media center, computer classroom, along with traditional elementary classrooms.

This project was funded by the West Virginia School Building Authority Grant and Local Funding.

Barboursville Elementary School

Cabell County Schools



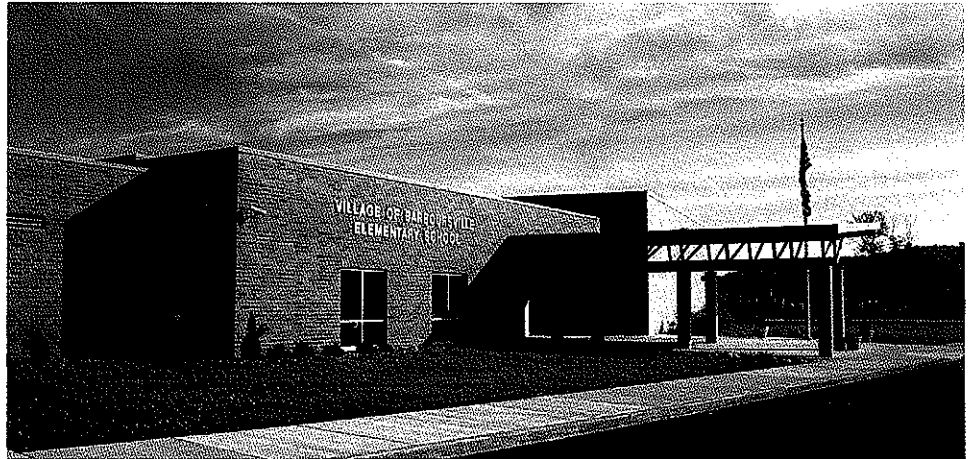
LOCATION:
Barboursville,
West Virginia

SIZE:
61,000 SF

COMPLETION:
2001

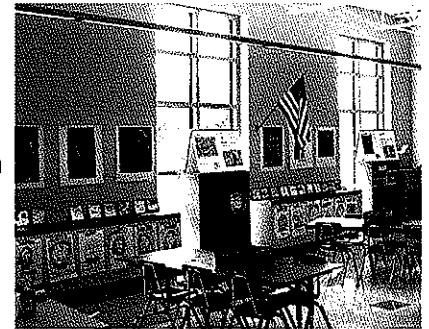
COST:
\$7.2 Million

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

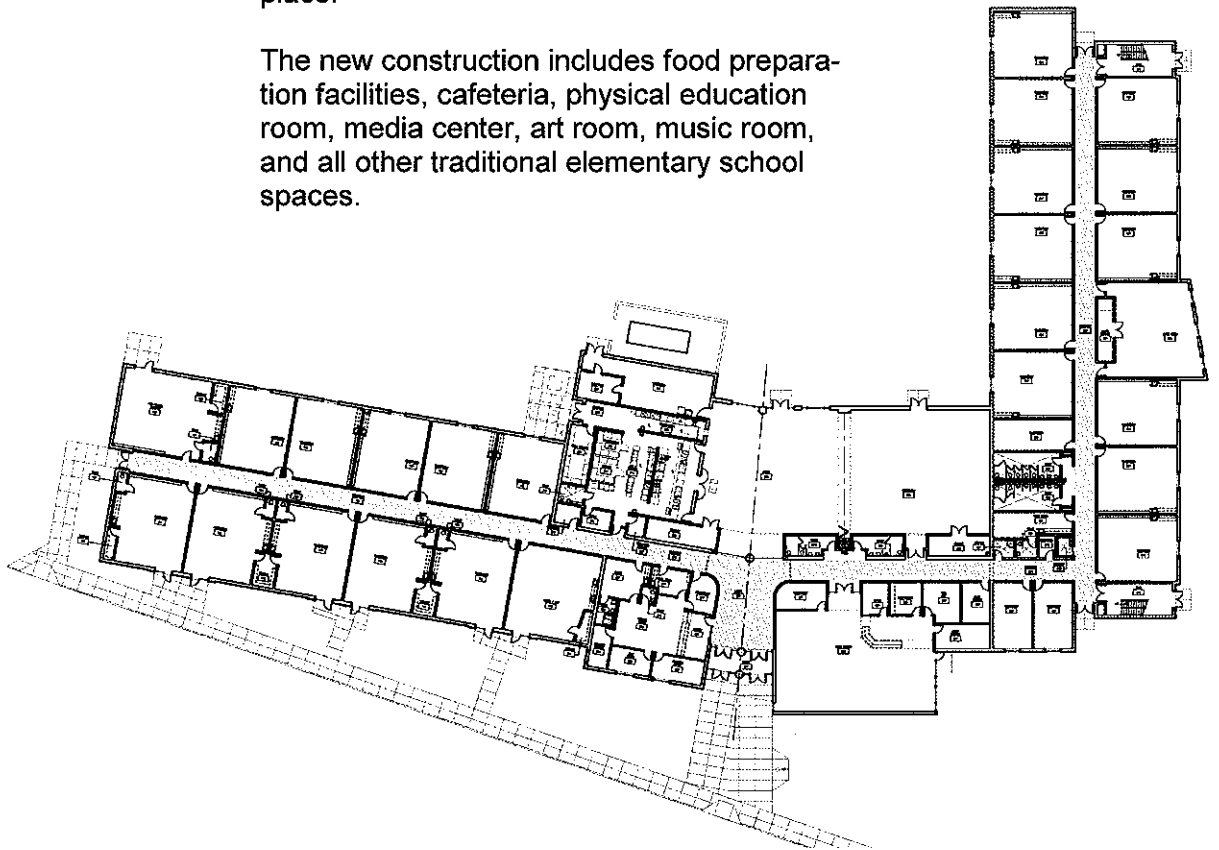


This new elementary school for 650 students is constructed in an urban area in the Village of Barboursville. The facility was constructed on an existing school site while the existing school remained in use.

After completion of the new facility the existing school was removed and the new playground was constructed in its place.



The new construction includes food preparation facilities, cafeteria, physical education room, media center, art room, music room, and all other traditional elementary school spaces.



Daniels Elementary School

Raleigh County Schools

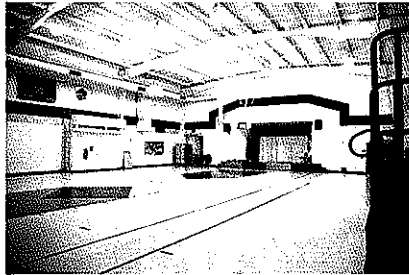


LOCATION:
Daniels, West Virginia

SIZE:
56,785 SF

COMPLETION:
2004

CONTACT:
Dr. Charlotte Hutchens
Superintendent
105 Adair Street
Beckley, WV 25801
304.256.4500



The previous Daniels Elementary School has an enrollment of 300 students, but due to the closing of a nearby school, needed to be expanded to accommodate 600 students, grades K through 6. The Existing structure had restricted circulation and inadequate infrastructure issues to solve.

A master plan study was authorized by the Board of Education and ZMM provided solutions to all issues and proceeded to design a functional, aesthetically enhanced facility, which meets the educational needs of the students.

The expanded facility is comprised of 25,000 SF of new space and 32,700 SF of renovated structure, including expanded food preparation facilities and a new media center. The brick exterior and careful detailing enhance the residential setting of this project.

New Harts PK-8 School

Lincoln County Schools



LOCATION:
Harts, West Virginia

SIZE:
71,000 SF

COMPLETION:
Est. Fall 2011

COST:
\$14M

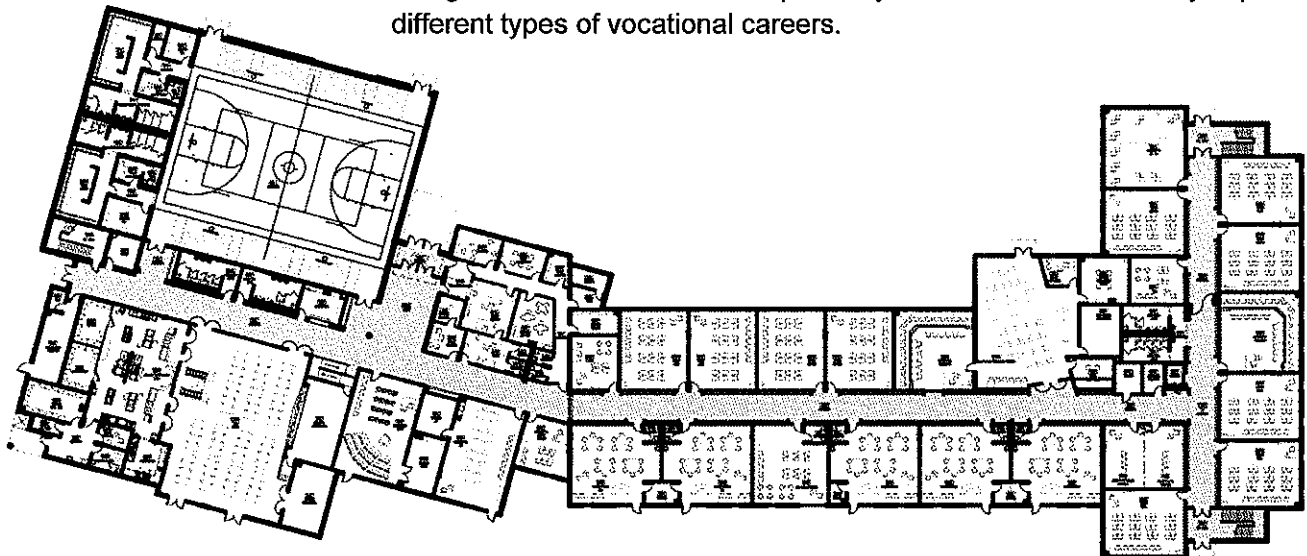
CONTACT:
Mr. David Roach
Superintendent
10 Marlin Avenue
Hamlin, WV 25523



The New Harts PK-8 School replaces two existing facilities that have been in disrepair and lacking the spaces and technology delivery systems required for 21st century learning skills. The total enrollment for the school is 455 Students. The new grade configuration separates the Elementary students from the Middle School students, but still allows use of the common spaces within the building. They share the Dining Room, Gymnasium, Media Center and a Stage.

The Dining Room doubles as a seating area for the Stage, the Music and Art Classrooms are located close to the Stage and can be utilized as support spaces for a theatrical production. The Gymnasium is located easily for public access but can also be divided for simultaneous use by Elementary and Middle School classes.

The academic areas are flanked by a state of the art Media Center and three Computer labs, one for each grade configuration. One Computer Lab is located by the Media Center for adult instruction in the off school hours. Each Classroom has seven student computer locations and a teacher location. In addition to the typical classrooms there are Science Classrooms and Labs along with a new Vocational Exploratory Lab where students may experience different types of vocational careers.



Wayne Elementary School

Wayne County Schools



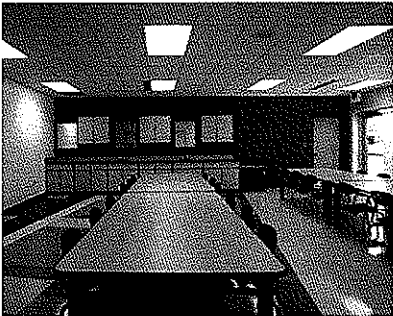
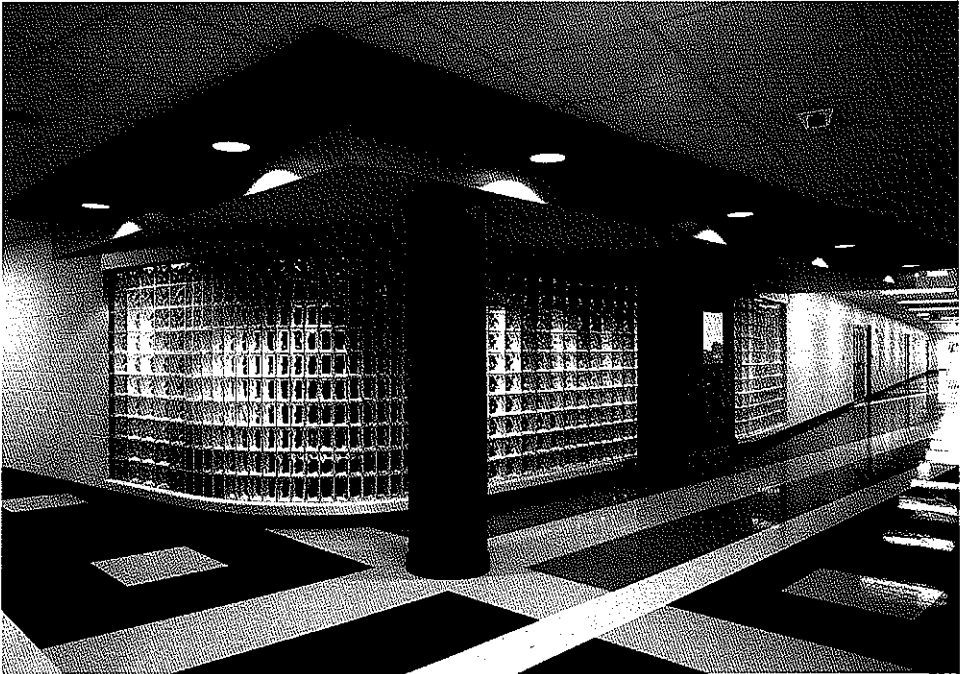
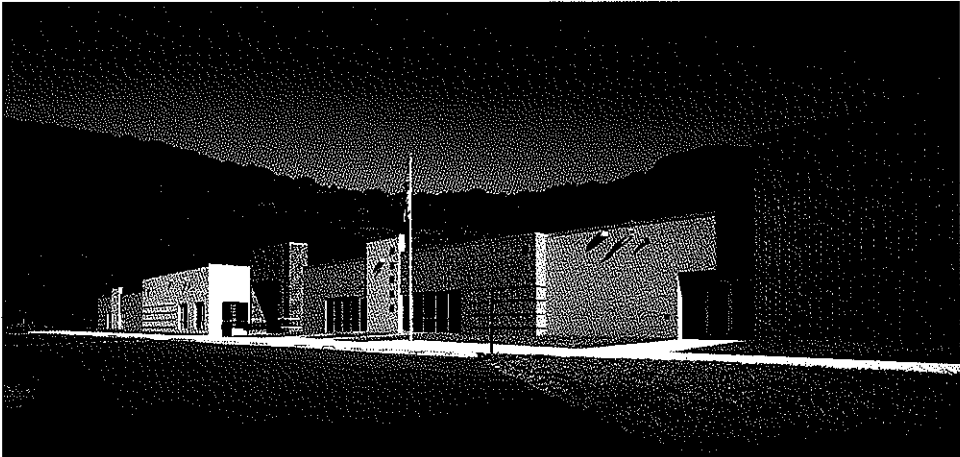
LOCATION:
Wayne, West Virginia

SIZE:
48,276 SF

COMPLETION:
2006

COST:
\$7.1 Million

CONTACT:
Mr. Gary Adkins
Superintendent
PO Box 70
Wayne, WV 25570
304.272.5116



A state-of-the-art media center is the centerpiece of the new Wayne Elementary School, located in Wayne, WV. The use of bright, cherry color throughout the building helps create an exciting learning environment.

Designed for 600 Pk-5 students, this facility includes kindergarten rooms, classrooms, art, and music rooms, separate dining, physical education and other academic spaces.

State Office Building #5, 10th Floor

Office of Technology



LOCATION:
Charleston, WV

SIZE:
22,000SF

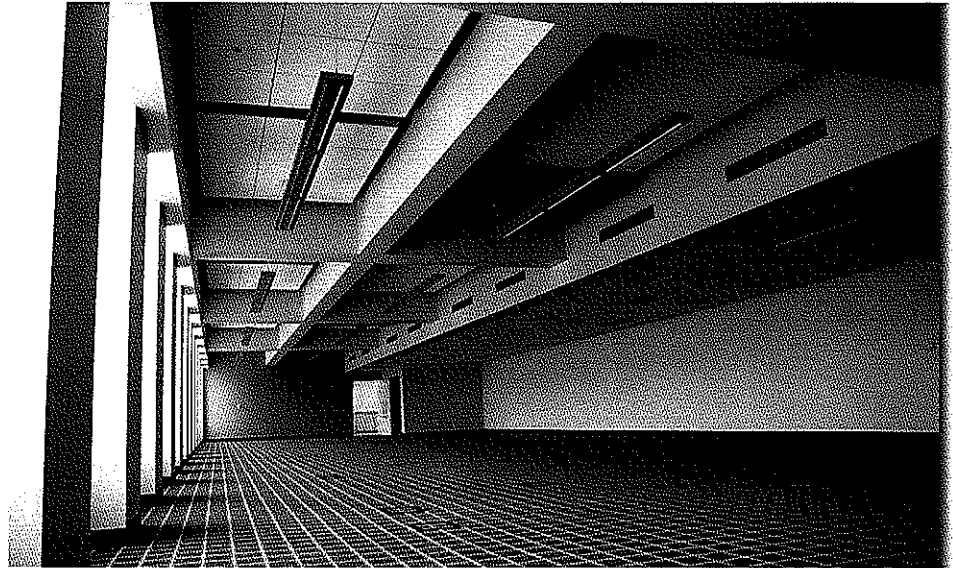
COST:
\$3.7M

COMPLETION:
2010

CONTACTS:

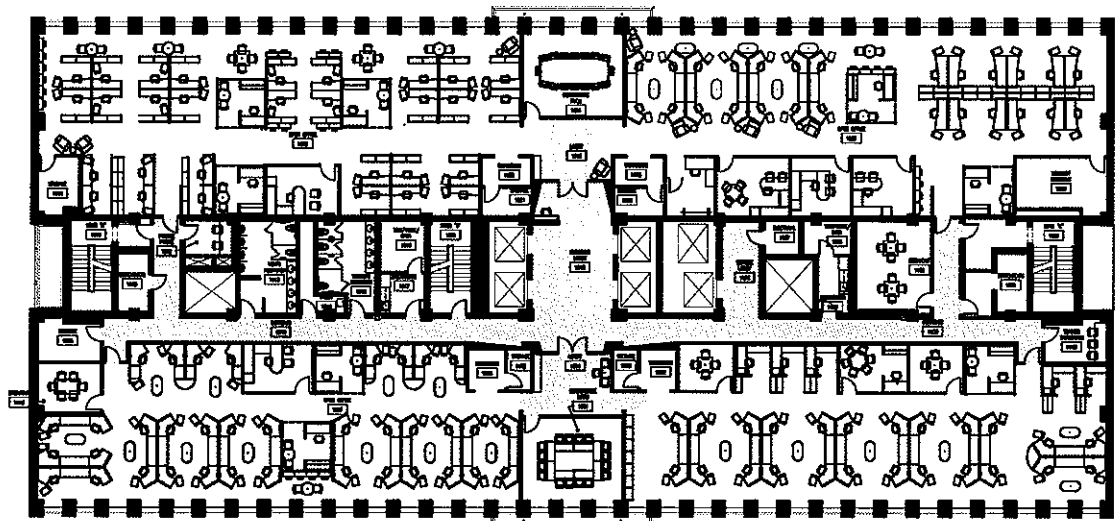
Mr. David Oliverio
Director
General Services
Division
1900 Kanawha Blvd. E
Charleston, WV 25305
304.558.3517

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



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

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



State Office Building #5, 10th Floor

Office of Technology



LOCATION:
Charleston, WV

SIZE:
22,000SF

COST:
\$3.7M

COMPLETION:
2010

CONTACTS:

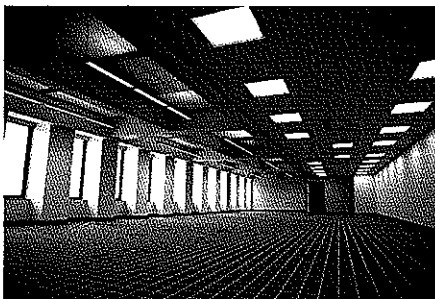
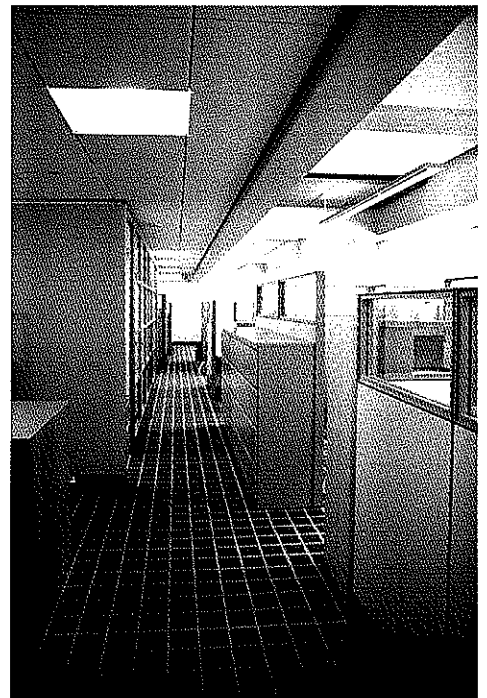
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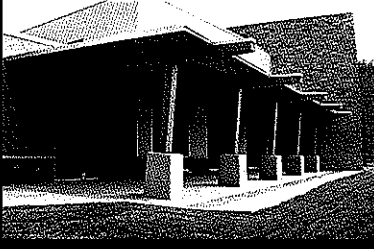


To improve the opportunity for daylighting, office spaces have been "pulled-in" to the core of the building. This decision will allow for daylight to be introduced deep into the interior work areas, and will allow access to the daylight and views for all employees. The perimeter structural bays of the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

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

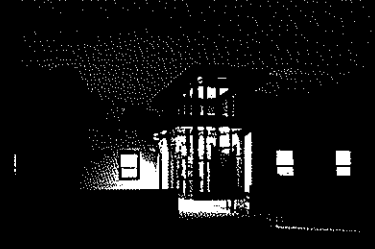


Award Winning Design



2010

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



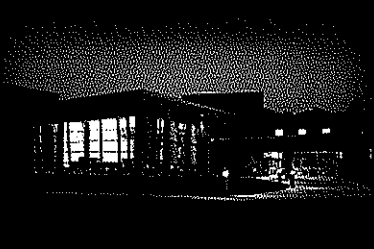
2009

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



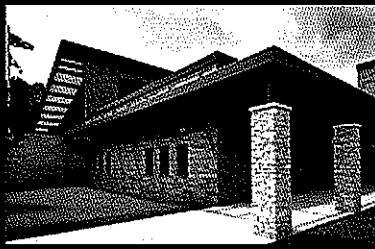
2008

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



2007

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



2006

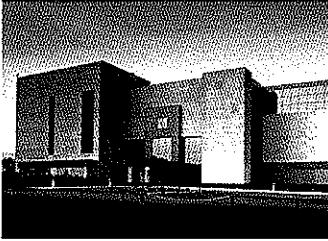
Gene Spadaro
Juvenile Center
Mount Hope, WV
2006 - Merit Award
"Achievement in Architecture"
AIA West Virginia Chapter



2004

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

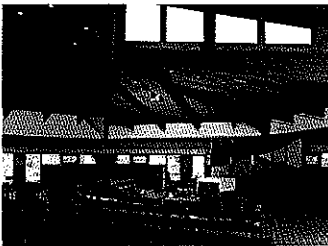
Additional Award Winning Design



West Virginia Society of Architects Design Honor Awards

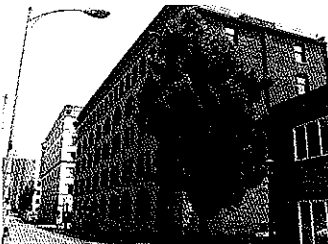
Corporate Headquarters Facility
Blue Cross / Blue Shield of West Virginia
Charleston, West Virginia

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

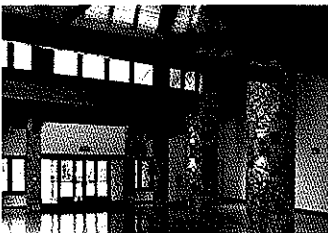


Corporate Office Building
Contractors' Association of West Virginia
Charleston, West Virginia

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



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



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

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

Educational References



- **Dr. Steve Paine, State Superintendent of Schools**
West Virginia Department of Education
1900 Kanawha Boulevard, East
Charleston, West Virginia 25305
304.558.2681

- **Dr. Mark Manchin, Executive Director**
State of West Virginia School Building Authority
2300 Kanawha Boulevard, East
Charleston, West Virginia 25311
304.558.2541

- **David L. Roach, Superintendent**
Lincoln County Schools
10 Marland Avenue
Hamlin, West Virginia 25523
304.824.3033

- **Dr. Ronald Duerring, Superintendent**
Kanawha County Schools
200 Elizabeth Street
Charleston, West Virginia 25311
304.348.7732

- **William Smith, Superintendent**
Cabell County Schools
2850 5th Avenue
Huntington, West Virginia 25702
304.528.5030

- **Wilma Zigmond, Superintendent**
Logan County Schools
P.O. Box 477
Logan, West Virginia 25601
304.792.2060

- **Beverly Kingery, Superintendent**
Nicholas County Schools
400 Old Main Drive
Charleston, West Virginia 26651
304.872.3611

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

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

DEFINITIONS:

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

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

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

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

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: ZMM, INC.

Authorized Signature: *AG RK* Date: 22 SEPT. 2010

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 22nd day of September, 2010

My Commission expires 10-6, 2018.

AFFIX SEAL HERE

NOTARY PUBLIC *Lisa E. Bowles*

