

Statement of Qualifications for:

FORKS OF COAL STATE NATURAL AREA
Claudia L. Workman Fish and Wildlife Education Center



In Association with:





June 1, 2016

Mr. Guy Nisbet, Buyer Supervisor
Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

**Subject: Statement of Qualifications – A/E Services for Forks of Coal State Natural Area –
Claudia L. Workman Fish and Wildlife Education Center (DNR1600000018)**

Dear Mr. Nisbet:

ZMM Architects and Engineers is pleased to submit the attached information to demonstrate our team's experience and qualifications to provide architectural, engineering, and construction phase services for the proposed Claudia L. Workman Fish and Wildlife Education Center located at the Forks of Coal Natural Area. Established in 1959, ZMM is a local architecture and engineering firm, and is noted for design excellence and client focus. Our team for this project continues a successful collaboration with EL Robinson and Miller Engineering – the same team that recently provided design services for the proposed lodge at Beech Fork. Additionally we have added the specialized expertise of Mind Merge and Split Rock Studios to assist with the design and development of the exhibits, which will be critical to the success of the project.

Our team has provided preliminary site and building design services for the Forks of Coal State Natural Area and the Claudia L. Workman Fish and Wildlife Education Center, and has also developed a project approach (contained in Tab 1) that concentrates on both the visitor and user experience while creating a dynamic space to celebrate some of West Virginia's greatest natural treasures. One of the key concepts of the proposed building design is to represent our wild and wonderful state by incorporating natural materials such as stone, a variety of woods, and other natural finishes. In addition to our approach, the ZMM team has the right combination of experience to ensure the success of this project, including:

- Experience designing WVDNR facilities, community centers, civic centers, and recreational facilities.
- Previous experience working as a team on the Beech Fork Lodge project for the WVDNR.
- Experience working on state funded projects with a similar scope and budget.
- Experience designing iconic, award winning buildings.

Teamwork is the key to the planning, design, and construction process, and we understand that a successful project will require the cooperation and collaboration of our team, the WVDNR, other project stakeholders, and the community. ZMM is an active community participant, and has committed to supporting organizations that enhance the cultural landscape in West Virginia. This commitment has been demonstrated through our support of the West Virginia Symphony Orchestra (ZMM Pops Series), West Virginia Public Broadcasting, the Marshall Artist Series, and the West Virginia Humanities Council.

Mr. Guy Nisbet, Buyer Supervisor

June 1, 2016

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Additionally, a commitment to quality will guide our planning and design effort, and ZMM's commitment to design quality has been recognized by the American Institute of Architects West Virginia Chapter with fifteen design awards in the last decade – an achievement unrivaled in West Virginia.

Thank you for taking the time to review the attached qualification information that has been formatted as requested. The ZMM team understands the importance of this project as both an economic development tool and as a source of civic pride. It is with this understanding that we commit to undertaking the design of the Claudia L. Workman Fish and Wildlife Education Center with the intent of delivering solutions that will enhance both the Forks of Coal Natural Area and the quality of life for our neighbors. We appreciate your consideration for this important assignment, and look forward meeting with you to discuss the project in additional detail in the near future.

Respectfully submitted,

ZMM Architects and Engineers

A handwritten signature in black ink, appearing to read 'A. R. K.', followed by a horizontal line extending to the right.

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

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Forks of Coal State Natural Area

Claudia L. Workman Fish and Wildlife Education Center



Project Understanding

The Request for Expression of Interest indicates that the State of West Virginia Division of Natural Resources owns approximately 102 acres bounded by the Little and Big Coal Rivers and Corridor G. The DNR intends to build an education center on the property, and also implement various site improvements to develop the area for the intended purpose.

ZMM, EL Robinson, Mind Merge Design, and Split Rock Studios have provided preliminary design services for the education center and the property. Additionally, ZMM Architects & Engineers has assembled a project team that is capable of meeting the varied and unique needs of the project. The full design team will include:

Team Member	Role	Proposed Staffing
ZMM Architects & Engineers	Architect	Adam Krason, Chris Litton, Steve Hedrick, Mark Epling
EL Robinson (w/Decota and CRA)	Site/Civil/LA	Jeff Nelsen, Joe Carney, James Rayburn, Scott LeRose
Miller Engineering	MEP Engineering	Craig Miller, Travis Taylor, Robert Angus
Split Rock Studios	Exhibit Designer	James Tordoff
Mind Merge Design	Interactive Exhibits	Tim Morgan
Win Stroock	Estimating	Win Stroock

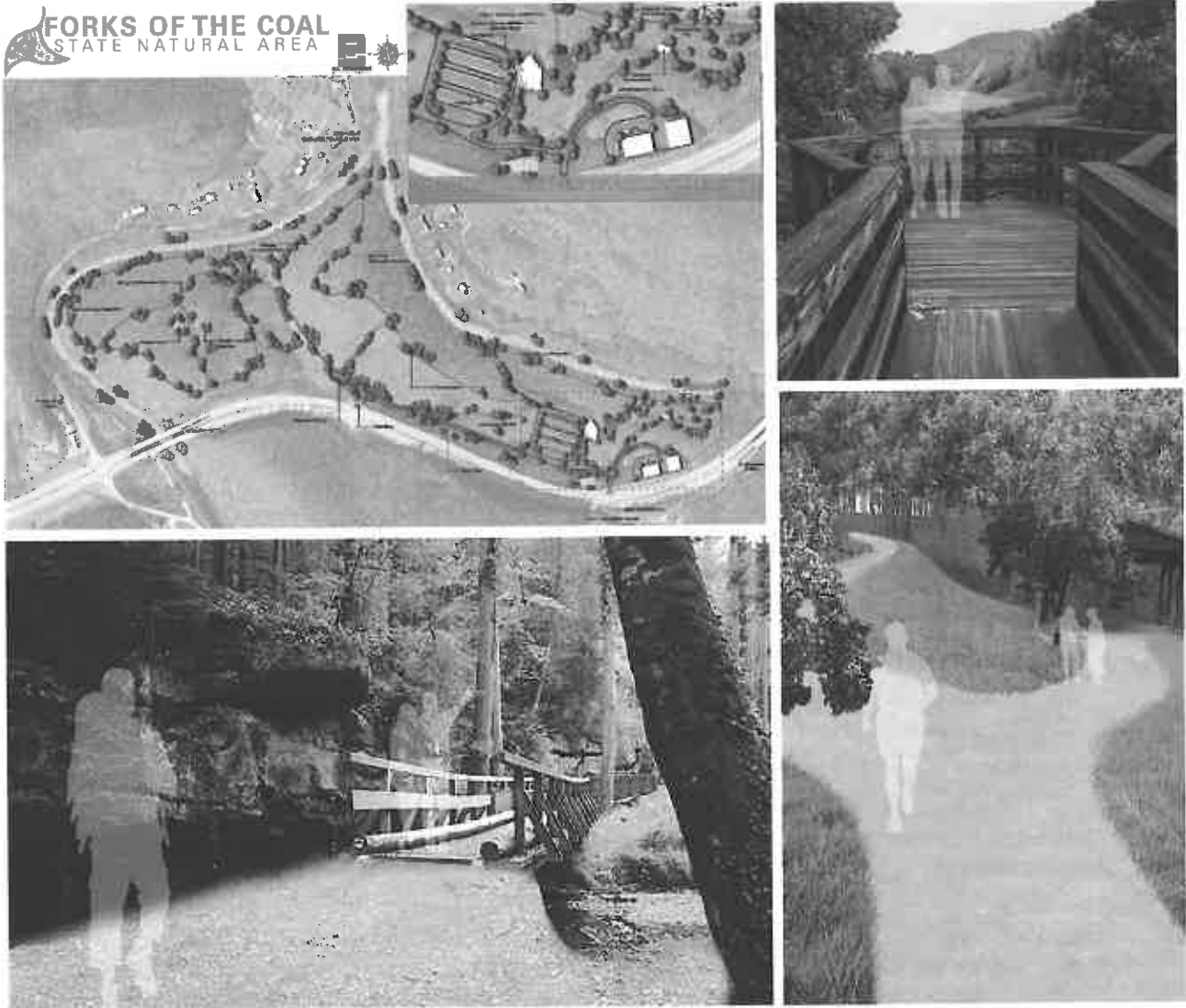
Resumes detailing the experience of the proposed team members are contained in Tab 4.

The core of our team recently collaborated on the design of the proposed Beech Fork Lodge. This experience working with the DNR helped to establish a relationship where our team functioned as an extension of the DNR, with a singular focus of implementing your vision for the project. We propose a similar relationship for the Forks of Coal project. Additionally, we have added the specialized expertise of Mind Merge Design and Split Rock Studios to assist the development and implementation of the exhibits, which will be critical to the success of the project.

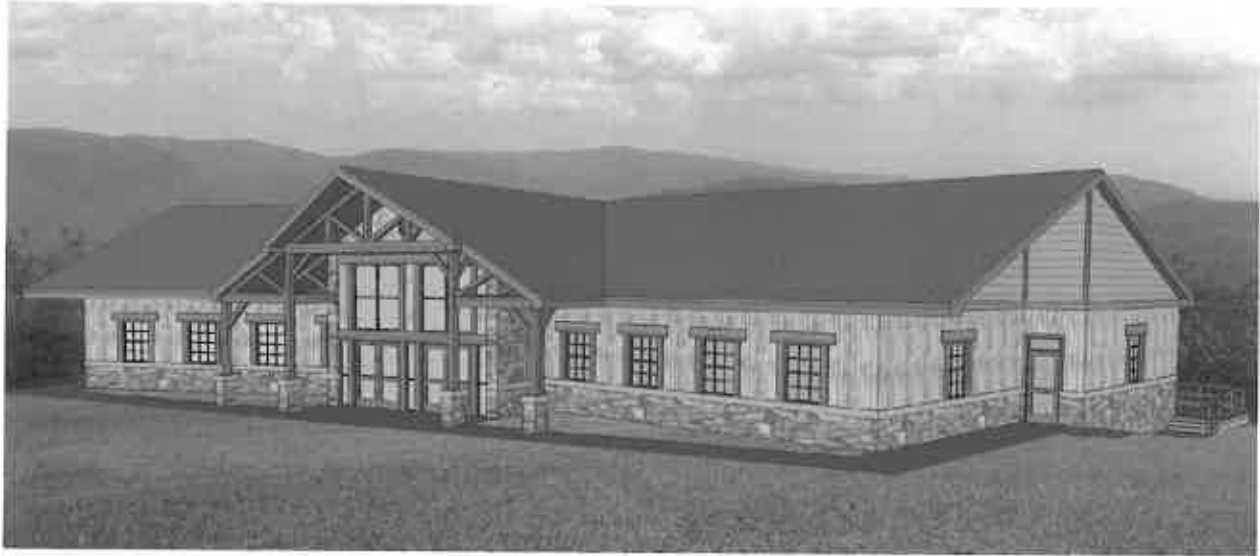
Information on the following pages documents the design effort completed to date on the Forks of Coal State Natural Area and the Claudia L. Workman Fish and Wildlife Education Center. Following this documentation of the current effort is additional information regarding our proposed project communication

protocol, budget control, construction timeframe control, and our experience in professional disciplines required to successfully deliver the project.

The ZMM team has provided preliminary site and building design for the Claudia L. Workman Fish and Wildlife Education Center at the Forks of Coal Natural Area. Services rendered to date include the development of a property survey, topographic mapping, site analysis, review of existing infrastructure and required utility upgrades, preliminary entry road and parking design, site master planning and key development renderings, site development cost estimates, and trail mapping. Our team also coordinated preliminary planning phase services with environmental, architectural, exhibit design and marketing team members.



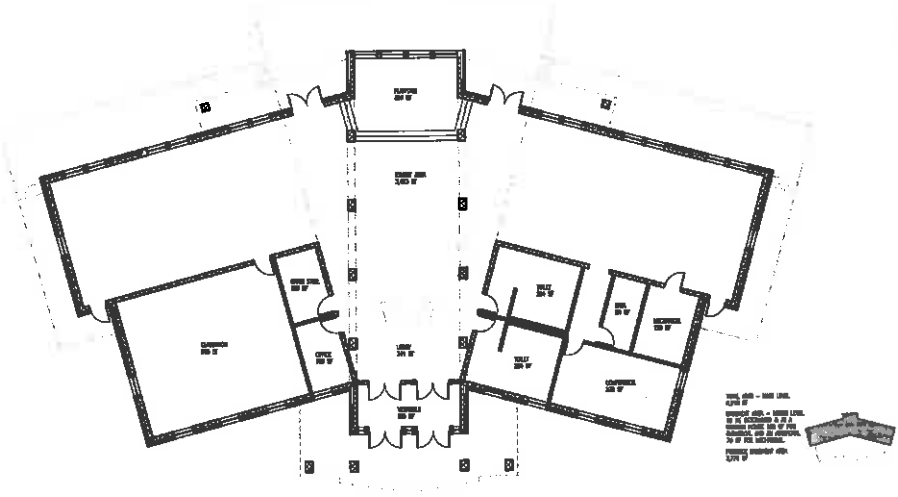
The proposed facility, the Claudia L. Workman Fish and Wildlife Education Center, is a nearly 7,000 SF building nestled in the beautiful West Virginia landscape. The building layout concentrates on both the visitor and user experience while creating a dynamic space to celebrate some of West Virginia's greatest natural treasures. One of the key concepts of the building is to represent our wild and wonderful state by incorporating natural materials such as stone, a variety of woods, and other natural finishes.



A central axis is formed by the main entrance, the lobby, and a small exterior platform which frames an inspiring view. This central space sets the tone for the visitor's experience with heavy timber, vaulted ceilings, and natural light. The versatility of the space also allows for a variety of uses ranging from a large open assembly area, to an additional display area that flows seamlessly into the exhibit space.

Upon entering the building, non-exhibit spaces are organized for intuitive navigation and ease of use. The northwest quadrant of the building is dedicated to administration, and to a classroom function, as well as a chair/table storage room that is strategically placed to serve both the classroom and/or the large central space. The southwest quadrant is primarily composed of utilitarian spaces such as accessible restrooms, a data closet, a mechanical room, and a large corner conference room highlighted by natural light and views. Additional basement space below the first level may serve as storage, and could also provide room for electrical and additional mechanical space as necessary. The site topography allows for easy access to a lower level, and locating utilitarian spaces on this level works perfectly with the building placement.

The entire eastern half of the building is devoted to exhibit space. The proposed layout permits utilization as one large expansive space or as multiple smaller spaces to allow visitors to interact within one space, while creating the opportunity in another space for exhibits to be updated. The angled walls, placement of exterior glass, and door placement creates a naturally vibrant exhibit space as



the outdoors become part of the exhibit experience as a large elevated deck spans across the landscape, creating the ultimate viewing platform for the breathtaking views of the Forks of Coal Natural Area.



Project Communication

During the design phase Adam Krason and Chris Litton (ZMM), Jeff Nelsen (EL Robinson), and Craig Miller (Miller Engineering) will serve as the primary contacts for the design team. These key team members as well as all primary WVDNR contacts would be included on all communication to facilitate an open discussion throughout the projects – in a manner that allows the DNR to remain actively involved in all design decisions. All correspondence will be copied to this core group. As the project progresses regular bi-weekly meetings will be held to review the design progress, outstanding issues, as well as any

regulatory or budget concerns. Meeting minutes will be produced to document discussion items, decisions, and responsibility for follow-up. Our team's recent experience working with the WVDNR on the proposed Lodge at Beech Fork will help facilitate this open communication.

During the construction phase Chris Litton will coordinate the effort of the design team. All submittals, pay applications, and RFI's will be logged and tracked by Lee Turley. Ms. Turley will update the entire project team (WVDNR, ZMM, E.L. Robinson, Miller Engineering, and Contractor) weekly regarding outstanding items.

Budget Control

Our team has been providing professional design services in West Virginia for fifty-seven years. Over this time we have developed a thorough understanding of the various construction markets and associated bidding regions that exist throughout West Virginia, but with a focus on projects in the area of the proposed Natural Area and Wildlife Education Center. Our team for this project will include Win Strock, a former contractor that regularly provides independent estimates to ZMM. Mr. Strock and ZMM have successfully collaborated on the following projects:

- Beech Fork Lodge
- Coonskin Park Maintenance Building
- Brooks Manor Addition and Renovations
- Edgewood Elementary School
- Ripley Readiness Center
- Logan-Mingo Readiness Center
- Morgantown Readiness Center
- State Police Information Services Center
- State Office Building 5 & 6 Renovations – Various Projects



The design team, with the assistance of Mr. Strock will evaluate the projected cost at the end of each phase, confirming the estimate with recent experience and historical bidding data. Recent experience demonstrating our ability to control the project budget includes:

- Coonskin Park Maintenance Facility (WVARNG)
Bid 05/2016 - \$250K under \$1.2M Budget
- Ceredo-Kenova Elementary School, Wayne County BOE
Bid 08/2015 - \$3M Under Budget
- Goodwill Prosperity Center, Goodwill Industries of Kanawha Valley
ZMM Estimate \$1.19M, Construction Cost was Under \$900K
- Kenna Elementary School, Jackson County BOE
Project was Under Budget, 0.2% Change Orders
- Huntington East Middle School, Cabell County BOE
Project was \$1.2M Under Budget (\$23M), 1.7% Change Orders



Construction Duration

Nearly every project that our team is engaged to perform design services for has a 'hard' deadline for completion, many times tied to the availability or expiration of project funding. ZMM consistently delivers

on projects with challenging schedule constraints. ZMM will insure that this project will be completed in the agreed construction period utilizing the following methods:

- ZMM has developed Division 1 documents that tie the receipt of all deliverables required to administer the construction phase of the project to payment applications. ZMM will reject any payment application that is not accompanied by all required information including submittal schedules and logs, RFI logs, updated project schedules, etc.
- ZMM monitors all construction phase submittals and correspondence to verify that we are returning information at a pace that will help expedite project completion. ZMM management reviews the status of all RFI's and submittals weekly. ZMM will also staff the construction phase with staff that will be able to provide immediate answers at the project site to expedite the work.
- ZMM will work with the WVDNR to develop a realistic construction schedule that includes anticipated weather days. This schedule will be included in the specifications, and reviewed at the pre-bid meeting to reinforce the critical nature of meeting the schedule, and the intent of enforcing liquidated damages.



Experience with Each Required Discipline

ZMM Architects and Engineers has assembled a team to meet all of the unique requirements of the project. Our team is comprised of some of the leading professionals in West Virginia, and is experienced in each discipline noted below. ***Additionally, the quality of ZMM's design effort has been recognized by the American Institute of Architects West Virginia Chapter with fifteen design awards in the last decade – an achievement that is unrivaled in West Virginia.***

Project Management	ZMM
QA/QC	ZMM
Survey	E.L. Robinson
Civil Engineering	E.L. Robinson
Landscape Architecture	E.L. Robinson
Archeological	CRA
Environmental	Decota
Structural Engineering	ZMM

Architecture
Interior Design
Mechanical Engineering
Electrical Engineering
Exhibit Design
Interactive Design
Estimating
Construction Phase

ZMM
ZMM
Miller Engineering
Miller Engineering
Split Rock Studios
Mind Merge Design
Win Strock
ZMM/EI Robinson/Miller Engineering

Summary

ZMM possesses the relevant design experience, recent WVDNR experience, and project approach to ensure the successful delivery of the Forks of Coal State Natural Area and Claudia L. Workman Fish and Wildlife Education Center for the West Virginia Division of Natural Resources. Our team's previous experience working on this project, our commitment to design quality, and our approach to control the project budget and schedule makes us the right partner for the WVDNR for this engagement.



History 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.

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's unique design approach has proven invaluable on projects that employ sustainable design principles, which often require a more integrated approach to building design.

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.



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

Advantages of an integrated Design Approach:

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

Additionally, ZMM is constantly working to improve the services we offer by addressing emerging and evolving trends that impact the design and construction market. ZMM has seven 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.

Services

Pre-Design

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

Design

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

Post Design

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



Award Winning Design



2016

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

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



AIA West Virginia Chapter: Honor Award
Excellence in Architecture
Joint Interagency Training & Education Center
Kingwood, West Virginia



AIA West Virginia Chapter: Merit Award
Excellence in Architecture in Interiors
WV State Office Building #5, 10th Floor Renovation
Charleston, West Virginia

2010

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



2009

AIA West Virginia Chapter: Merit Award
Excellence in Architecture
Construction & Facilities Management Office (CFMO)
Charleston, West Virginia



2008

AIA West Virginia Chapter: Honor Award
Excellence in Architecture
Erma Byrd Center
Beaver, West Virginia



LOCATION:
5088 Washington St.
Charleston, WV

CONTACT:
Phone 304.776.7473

History

E.L. Robinson is a multi-disciplined engineering /planning firm with a staff of over 125 full-time professionals and support personnel located in seven offices throughout West Virginia (Charleston corporate office, Beckley and Chapmanville), Kentucky, and Ohio. Over the last 30 years, E.L. Robinson has grown to one of the largest firms in the region, offering a diverse scope of services. Since 1978, E.L. Robinson has provided a full range of quality engineering services, from planning and analysis to design and implementation

Named for its founder and president, Edward L. Robinson, P.E., P.S., the firm has based its success on a commitment to quality projects with superior client service. Finding new and creative ways to say yes to challenges has brought the firm's vision of excellence into reality. Along with this "yes, we can do it" attitude, the firm has grown to understand the ingredients of a professional service firm include not only brick and mortar, but also leading edge technology and a talented, motivated staff that is continually growing and advancing their skills. This dedication rewarded ELR with being named one of the **Engineering News Record's** top 500 engineering firms in the country.

The use of technology has allowed the firm to expand engineering capabilities and make use of new resources such as satellite imagery and digital mapping. In addition to the use of technology, E.L. Robinson also continues to strive to invent new and more effective ways to serve our clients. One of these ways is to provide a thorough pre-analysis of every project, saving the client time, money, and legal exposure. When the client is educated on every phase of the job and every challenge, the reputation of the firm grows stronger and attracts business from a larger marketplace.

E.L. Robinson has been providing its clients with quality products and superior service since 1978. Our staff combines state-of-the-art technology, experienced professionals, and innovative methods to help our clients meet their challenges.

- Transportation
- Infrastructure
- Bridge Design
- Structural Engineering
- Geotechnical Engineering
- Environmental Engineer-
- Construction Administration/Observation
- Surveying/Global Positioning
- Landscape Architecture
- Oil and Natural Gas Systems Development
- Site Development
- Right-of-Way Services



Miller Engineering, Inc. History



LOCATION:

250 Scott Avenue
Morgantown, WV

CONTACT:

Phone 304.291.2234
Fax 304.291.2246
www.millereng.net

History

Miller Engineering, Inc. (MEI) was founded in 2003 and provides professional services to facility owners and operators, architects, and contractors throughout West Virginia, Pennsylvania, Ohio, and Western Maryland. MEI services range through all facets of mechanical, electrical, and plumbing design as well as construction administration and project management. We utilize the abilities of designers with many years experience in their area of expertise, teamed with younger designers on a "best resource for the project approach". We also provide project management services at levels ranging from general oversight to complete project delivery through all phases of design and construction. Our personnel have worked in both the private and public sector and are familiar with many methods of project delivery from classic design/bid/build to full design/build with partnering.

MEI has developed the following philosophy to guide the performance of its services:

- Provide superlative design services to our clients in new construction, renovations, and daily operations.
- Perform work in a timely, accurate, and professional manner.
- Present multiple alternative and solutions whenever possible.
- Work with our clients to control first and life cycle costs.
- Be a technical "sounding board" for our clients in all situations.
- Strive to maintain professional competency through continuing education and training.

MEI utilizes a "practical application" approach to all projects throughout the design process to provide a "well rounded" result. This methodology emphasizes the best overall solution, meeting all the client's needs, instead of just the best technical solution. We believe our lean size provides a distinct advantage to our clients and affords us the freedom to easily team with the clients to achieve the overall best possible result.



SPLIT ROCK STUDIOS

LOCATION:

2071 Gateway Blvd.
Arden Hills, MN

CONTACT:

Phone 651.789.4733
splitrockstudios.com

Split Rock Studios History

History

"The best way to predict your future is to create it."

- Abraham Lincoln

Our story begins in the 1960s when Neal Deaton and a team of artists created dioramas for natural history exhibits. Years later, they partnered with DisplayMaster's team of designers and woodshop to become a "one stop museum shop" called Deaton Museum Services.

In the late 1990s a much larger corporation purchased the company. Soon, the small group of museum professionals felt the creative constraints of big business operations. Project coordinator Craig Sommerville and exhibit designer Chris Wilson purchased the museum division from the corporate owners. In 2000, the key team of museum professionals became an independent company: Split Rock Studios.

TODAY, Split Rock Studios is a nationally recognized exhibit design and fabrication firm located in St. Paul, MN. Our multidisciplinary team has grown to over 50 museum professionals including project and production managers, exhibit designers and developers, graphic designers, CAD detail designers, skilled cabinetmakers, and artists. We specialize in creating award-winning cultural and natural history exhibits for museums, interpretive centers, aquariums, zoos, and political institutions.

LOOKING TO THE FUTURE, we guarantee the inspiring design and quality fabrication upon which we have built our reputation. We continue to pursue excellence in exhibitions and fuel our creativity with enthusiasm for what wonders the next story will reveal. After all, it was Abraham Lincoln who once said, "The best way to predict your future is to create it."

AWARD WINNING FIRM. We have built an excellent reputation within the museum and interpretive community for high quality exhibitions. We are active in National Association for Interpretation (NAI) and American Association of Museums (AAM). Our team presents at national conferences each year to keep up with emerging trends and new exhibits being developed around the country.





Split Rock Studios History

SPLIT ROCK STUDIOS

ALL UNDER ONE ROOF. Our diverse in-house capabilities allows for each team member to be just a few steps apart. Our designers work closely with the developers, diorama artists, fabricators, and installers, and you are the beneficiary of our streamlined process. This lowers costs and increases efficiency.

At our 40,000 square-foot-plus facility located just north of St. Paul, Minnesota, we have the in-house capabilities to satisfy virtually every fabrication need. Our space is broken down into categories:

- Offices: 7,000 SF
- Woodshop: 12,000 SF
- Artistic Fabrication: 15,000 SF
- On-site Staging and Storage: 6,000 SF

From the exhibit designers and project managers in our front office to the artists and woodworkers in our shop, Split Rock Studios brings together the full range of museum exhibit design and fabrication services under one roof.





LOCATION:
2201 About Town Place
Morgantown, WV

CONTACT:
Phone 304.241.5771
mindmergedesign.com

History

Mind Merge Design is a brand-building, creative design and marketing company. Purpose and strategy drive everything we do, no matter the scope or complexity of a project. Our marketing communications, design, and visual insights create clear solutions for our clients.

We have kept our team small because our people are elite. We merge our varying talents to provide a unique perspective to our clients. From foundational branding services to complete web based solutions, we promise to deliver precise, concise, well-thought-out work.

100% STRATEGICALLY MINDED

No matter the conditions, no matter the deadline, each and every project begins with a detailed plan for marketing success.

WV BASED AGENCY

We proudly call the "Mountain State" home. Our local perception and national reach assist companies in West Virginia and across the country. The company was founded in 2009 by Tim Morgan and Juan Giraldo.

04 UNIQUE PERSPECTIVES

We have a small enough team to be diligent and accurate, and wide enough individual interests to understand the big picture.

01 COMMON GOAL

Each client is different and so are their needs. At Mind Merge, we have a unified goal to always do what's in their best interests.

FULL SERVICE

We offer a complete range of services including print design, web design & development, branding, videography, photography, marketing strategy, and in-bound marketing solutions.

Services

DESIGN - Print Materials, Logo and Brand Creation, Website User Interface Designs

DEVELOPMENT - Design and Search Engine Optimization

PHOTO & VIDEO - Directly Correlates with our Design Services and Marketing Strategies

STRATEGY - Branding Campaigns and Implementation, Placement Strategies, and Inbound Marketing

Additional Consultants



LOCATION:
4984 Washington St.
Cross Lanes, WV

CONTACT:
Phone 304.776.3333
Fax 304.776.3371
decotaconsulting.com

Decota Consulting Company Inc.

Decota Consulting Company, Inc. is a full service consulting firm dedicated to servicing the unique needs and challenges of the mining and environmental industries. We have provided our clients state of the art solutions since 1996. Our company takes pride in utilizing our experience, integrity and quality of work in every project.

Decota Consulting Company, Inc. consists of a team with over 100 years of combined mining experience. Our staff has expert knowledge of geotechnical engineering, hydrology, geochemistry, biology, geographic information systems, and their application in the real world. We utilize leading software for mine design, hydrologic analysis, geographic information systems and data management to produce a quality product in a timely manner. The success of our organization depends on proper planning, knowledge of resources, how to manage those resources and an ongoing comprehensive cycle of communication between our staff and our clients.

As consultants, we provide the knowledge and technical support to help your organization achieve its goals more efficiently. We will stand as a professional liaison between our clients and various federal, state or local regulatory agencies. Services Include: Environmental Engineering, Mitigation, Monitoring, Natural Channel Design, and Wetland Investigation.



LOCATION:
3556 Teays Valley Rd.
Suite 3
Hurricane, WV

CONTACT:
Phone 304.562.7233
Fax 304.562.7235
www.crai-ky.com

Cultural Resource Analysts, Inc.

CRA currently holds a twenty year-long Indefinite Delivery Indefinite Quantity contract as a prime contractor for providing environmental planning and documentation services with the General Service Administration. Our staff consistently exceeds state requirements for professional education and experience. Every team member has attained a bachelor's degree or higher. All principal investigators in the company possess a master's degree or higher, as do many of our archaeological field supervisors, architectural historians, historians, publications staff, and administrative support. Several of our staff have attained a doctorate in archaeology, and each archaeologist on our staff is a Registered Professional Archaeologist (RPA).

Our three-story headquarters building consists of a wet lab, a specialties lab, a photography studio, an osteological laboratory, a faunal analysis comparative collection, and a series of additional analysis labs with multi-purpose layout space. Similar lab set-ups exist at our satellite offices as well.

CRA produces quality reports that exceed the highest technical standards and clearly convey the results of our work. CRA provides a full range of graphic design and interpretive services. The use of industry-standard computer-aided design and drafting, geographical information systems, and graphic arts and document layout software allows CRA to provide and accept mapping and reports in any format. CRA employs production specialists and professional cartographers who will tailor customized report and mapping solutions to meet your needs. CRA has worked with hundreds of clients over the years and completed thousands of projects. Our management approach ensures that each project is treated individually and that the staff, equipment, and financial resources necessary are made available

Beech Fork State Park Lodge

Lodge Design



LOCATION:
Wayne, WV

COMPLETION:
TBD

COST:
Est. \$34M

CONTACT:
Bradley Leslie, PE
Assistant Chief
WVDNR
State Parks Section
324 4th Avenue
So. Charleston, 25303
304.558.2764 x 51823



The goal of the lodge study was to help determine the feasibility for a new lodge at Beech Fork. This objective was achieved through the development of a concept for a 75-room lodge located on the banks of Beech Fork Lake in Wayne County, West Virginia, which is designed to benefit a variety of visitors. The form of the building was influenced by the site configuration as well as the functions contained within it.



The floor plan is arranged in a way to separate the guestrooms and other guest-only facilities from the more public functions of the building such as the restaurant, pub, gift shop and meeting room. This allows visitors who may not be staying at the lodge to use these areas without encroaching on the privacy of lodge guests. All of the guestrooms are arranged to have access to views of the lake. Those views are also shared by the restaurant, meeting room and the recreation areas.

The exterior of the building is designed to simulate the craftsman style to evoke a more relaxed, comfortable and informal feel for guests and visitors. The brick, stone, siding and roof materials are common to the area and offer low maintenance and durability to provide a long-lasting, attractive structure.



Beech Fork State Park Lodge Feasibility Study

WV Division of Natural Resources



LOCATION:
Lavalette, WV

COMPLETION:
2016

COST:
\$28.5M

OUR ROLE:
Site feasibility studies,
preliminary design, lead
consultant involving civil,
structural, transportation.
Geotechnical engineering,
landscape architecture with
additional services from
other consultants.

CONTACT:
Brad S. Leslie, PE
Assistant Chief
WVDNR
State Parks Section
324 4th Avenue
So. Charleston, WV
304.558.2764 x 51823

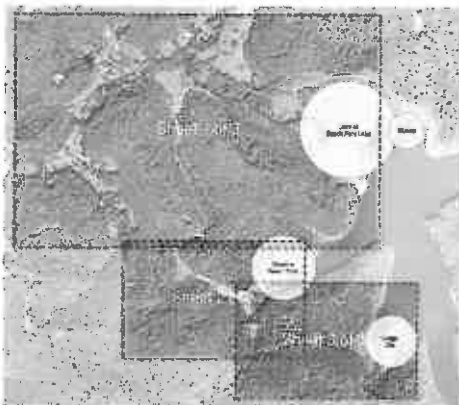


West Virginia Division of Natural Resources has considered a lodge for Beech Fork State Park since before it was opened in 1979. Several studies were completed in the past examining six possible sites for lodges ranging in size from 75 to 150 rooms. The last studies completed in 1995 recommended a 150 room lodge at Stowers Branch.

WVDNR retained E.L. Robinson's landscape architects in 2008 to study a new site near the Beech Fork Lake dam and marina for the feasibility of building a 35, 50, or 75 room lodge. This study found from earth work calculation, cost estimates, and slope analysis maps that the Stowers Branch site was still the most desirable based on costs, proximity to the lake, and visual impact on the park.

In 2011, WVDNR retained the team of E.L. Robinson Engineering and ZMM Architects to prepare a feasibility study for a 75 room lodge at the Stowers Branch location. This site is located near the swimming beach owned and operated by US Army Corps of Engineers and two miles by road from the Beech Fork Lake Dam.

This site was selected after two previous studies completed in 1994 and 2008. It was concluded that after studying six other possible locations, the Stowers Branch Site proved to be the most desirable location. This study is the basis of WVDNR efforts to lease additional USACOE property for the state park's facilities expansion.



Stonewall Jackson Resort Park - Pedestrian Bridge

WV Division of Natural Resources



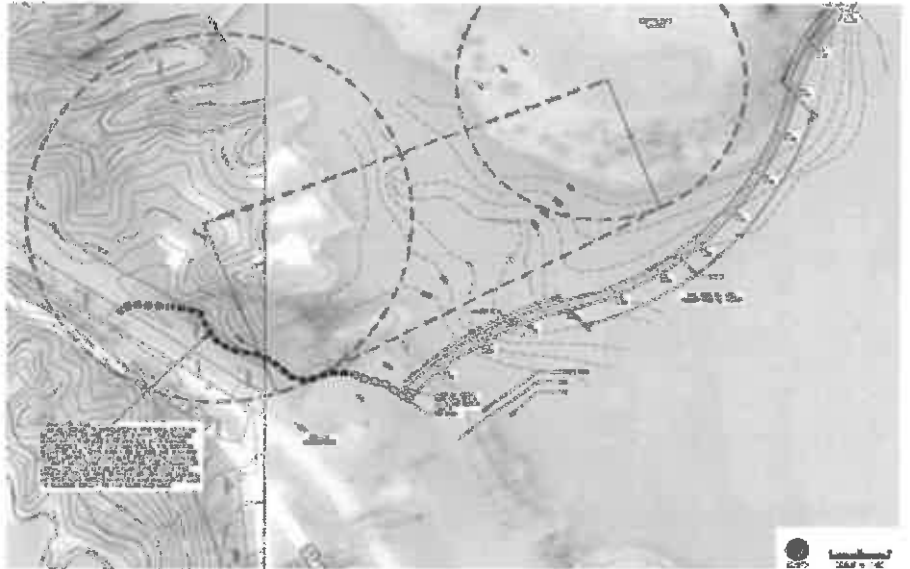
LOCATION:
Weston, WV

COMPLETION:
2011

COST:
\$400,000

OUR ROLE:
Site design, structural engineering, landscape architecture, construction documents, bidding and construction observation.

CONTACT:
James G. Schotsch, PE
WVDNR
1200 Harrison Ave., Ste. 22
Elkins, WV
304.637.0301



West Virginia DNR received grant to build a pedestrian bridge approximately 900 feet across the lake from the lodge to the campground. An initial concept plan was developed for the bridge in 2008 which serves as the basis of the final design which EL Robinson was retained to develop.

It will be a 10' wide timber pile bridge with appropriate wooden decking and handrail. The accessible approach on the lodge side is complete and the contractor will be required to connect the bridge to that existing approach. At the campground end of the bridge an alignment will be shown on the plans that will allow for the Resort to build that accessible approach separate from the bridge construction.



LOCATION:
Berkeley Springs, WV

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

COMPLETION:
1998

COST:
3,200,000

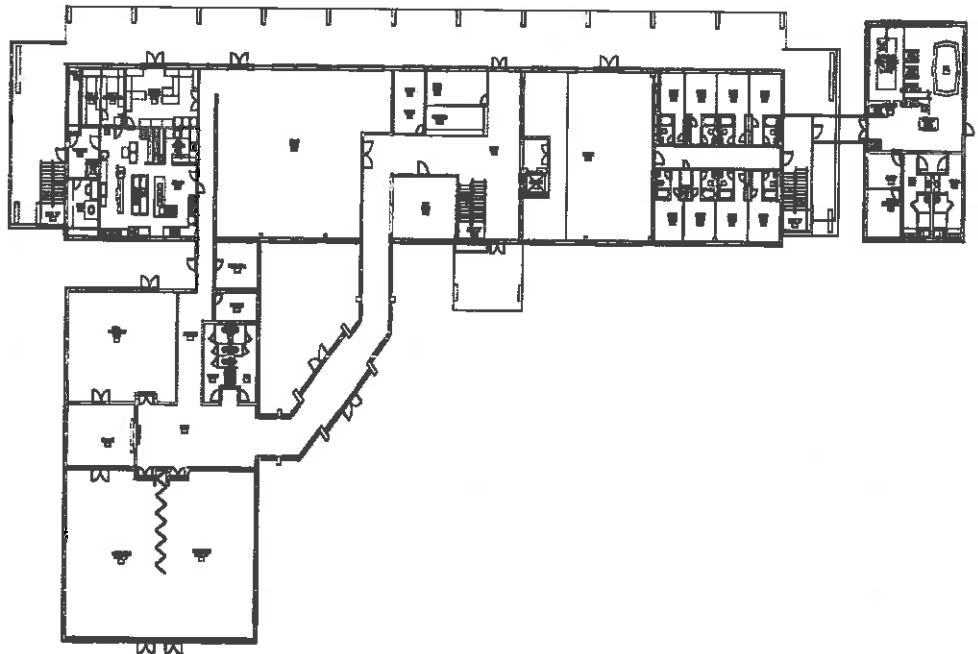
CONTACT:
Tom Ambrose
Superintendent
818 Cacapon Lodge Drive
Berkeley Springs, WV
304.258.1022



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

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

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



Pipestem McKeever Lodge

WV Division of Natural Resources



LOCATION:
Pipestem, WV

SIZE:
63,000 SF

COST:
\$1.7M

SCOPE:
HVAC
Plumbing
Electrical
Accommodation of Existing
Systems

CONTACT:
Carolyn Mansberger
Project Manager
State Parks Section
304.558.2764



The original HVAC piping at McKeever Lodge had exceeded its lifespan and had been suffering from corrosion leading to multiple leaks, including one causing an electrical service outage. Miller Engineering was hired to investigate the existing piping, discovering all the piping required replacement. As this lodge is regularly occupied for larger conferences, the project has to be phased to minimize the amount of guest rooms taken out of service at one time.

MEI also designed provisions to interconnect the lodge's two separate boiler/chiller plants so one plant could operate the entire lodge at a partial capacity while the other plant was replaced and re-piped. This interconnect also allows the lodge to operate in the event of a boiler or chiller outage. Power was provided to new equipment, and motor control centers were added to control the building loop pumps. A new building controls system was installed to allow the plants to run at optimum efficiency while meeting the lodges heating and cooling needs.



Tygart Lake State Park Wastewater Treatment Plant

WV Division of Natural Resources



LOCATION:
Davis, WV

COMPLETION:
2008

COST:
\$118,000

OUR ROLE:
Design and Construction
Observation

CONTACT:
Brad S. Leslie, PE
Assistant Chief
State Parks Section
324 4th Avenue
So. Charleston, WV
304.558.2764 x 51823



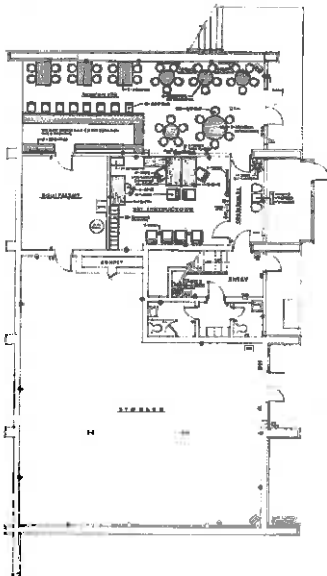
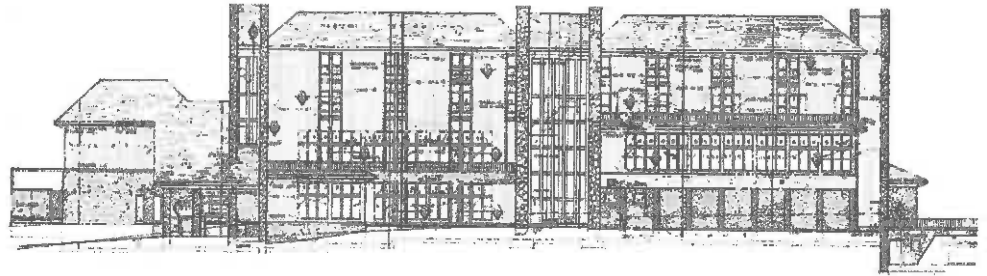
E.L. Robinson Engineering Co. was retained by the West Virginia Division of Natural Resources, Parks and Recreation, to provide planning, design and construction administration services for a new waste water treatment plant for Tygart Lake State Park near Grafton, West Virginia.

The existing treatment plant was replaced by an 8,000 gallon per day package plant, with new controls and electrical equipment. The new plant serves the lodge. A concrete retaining wall was also constructed due to poor soil conditions at the plant site.



LOCATION:
Daniels, WV

COMPLETION:
Un-Built Project



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

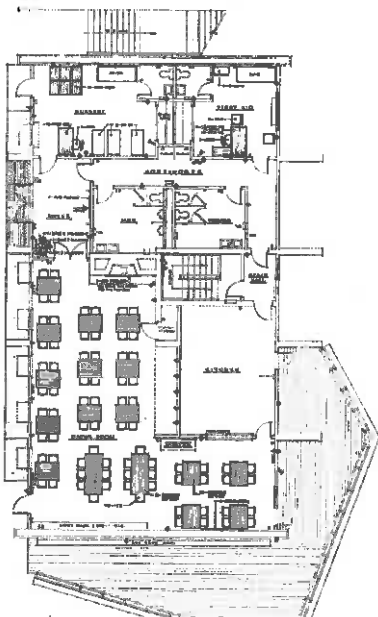
Lodge Facility

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

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

Other Facilities

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



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

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

Camp Virgil Tate Sanitary Sewer Improvements

Kanawha County Commission



LOCATION:
Kanawha County, WV

COMPLETION:
2000

COST:
\$53,000

OUR ROLE:
Design and Construction
Observation

CONTACT:
Jennifer Sayre
County Manager
Kanawha Co. Courthouse
Charleston, WV
304.357.0101



E.L. Robinson Engineering co. was retained by the Kanawha County Commission to provide planning, design and construction administration services for a sanitary sewer line replacement at Camp Virgil Tate in Kanawha County, West Virginia.

Several old, deteriorated sewers were replaced with PVC pipe and manholes were added. Existing buildings were reconnected to the new sewer lines.



Holly River State Park

WV Division of Natural Resources



LOCATION:
Hacker Valley, WV

SIZE:
8,101 Acres

COST:
\$2.4M

SCOPE:
High Voltage Electrical Design
Emergency Repair
Installation

CONTACT:
Bradley S. Leslie, PE
Assistant Chief
WVDNR State Parks Section
304.558.2764 ext. 51826



Emergency electrical supply was restored to select areas of the park in phase 1 due to the timing of the storm and the onset of winter. Phase 1 was a priority of the owner (WVDNR) and went from start of the design to bid in less than 4 weeks. Coordination with the DOH and the DEP was facilitated during this short turnaround in order to restore electrical supply to the administrative areas. Our team designed and developed a plan to restore power to the park and reduce future outages.

MEI's design solution opted for burying 2.5 miles of electrical supply cabling in conduit, demo of the existing storm damage-prone overhead service, reclaiming PCB transformers and re-connecting all existing electrical loads. During phase 1, MEI noted several concerns and safety issues which with the client to both document and estimate the cost to address code deficiencies and issues, which the client used to secure funding. Phase 2 design of the replacement of 9,000 feet of high voltage cabling and PCB transformer has been completed and is bidding. Phase 2 address the long-term reliability and code deficiencies and in the remainder of the park, particularly the campground areas.

Stonewall Jackson Lake Resort

WV State Parks



LOCATION:
Weston, WV

COMPLETION:
2003

COST:
\$35M

OUR ROLE:
Master Planning, Site
Construction Design, Permit
Coordination

CONTACT:
Mr. Rudy Henley
West Virginia Commercial
LLC
305 Washington St. W
Charleston, WV
304.347.7500

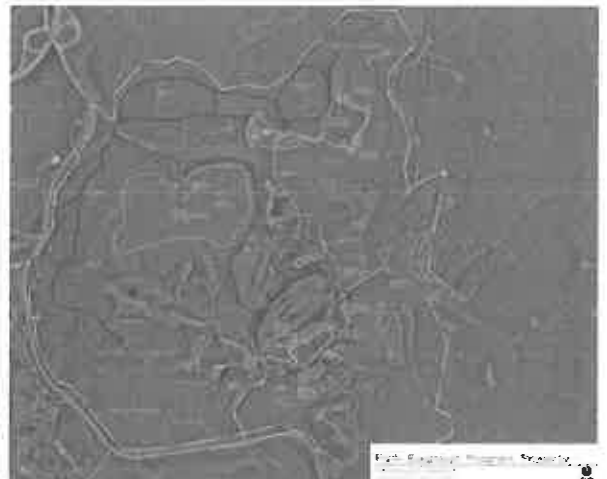


Stonewall Jackson Lake State Park represents a new beginning for state supported recreation development in West Virginia. The 35 million dollar

Resort planned by E.L. Robinson's landscape architects as part of the developer's team, was the first public/private partnership formed in the state for the development of facilities at a state park. The developer was responsible for coordinating all design and construction activity, while the state assisted in the financing package.

ELR landscape architects were responsible for master planning and site construction design for the 2,000 acre resort, including a 180-room lodge, an 18-hole signature golf course by Palmer Course Design Co., a 100-unit campground, cabins, day use improvements, a swimming pool, trails, access and parking. The firm was also responsible for permit coordination with the various state and federal agencies for wetlands, riparian corridors, utilities, stormwater and erosion controls. An extensive tree preservation and relocation program was planned and was coordinated by the firm.

This project was completed by E.L. Robinson's landscape architects prior to their affiliation with the firm.





Blackwater Falls State Park

WV Division of Natural Resources

LOCATION:
Davis, WV

COMPLETION:
1998

COST:
\$2,600,000

SIZE:
10,400 SF Addition

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



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

To meet the owner's intent of reducing the visual impact of the construction, ZMM utilized existing building roof lines and materials for the building addition, which compliments to the original lodge design.

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

US Route 35 Design - Build

WV Dept. of Highways (WVDOH)



COMPLETION:
2009

COST:
\$78.3M

OUR ROLE:
Construction
Management, Design
Build, Structural &
Bridge Engineering and
Value Engineering

CONTACT:
Daryl Allen, PE
WV Dept. Of Trans.
1900 Kanawha Blvd. E
Charleston, WV 25305
304.558.9732



E.L. Robinson teamed with Kokosing Construction Company as joint advocates for the first ever design-build highway project for the West Virginia Department of Highways (WVDOT). The design enhances traffic safety and opens new economic development opportunities for the state and its people.

This project consists of approximately 6.29 miles of new four-lane divided highway, an interchange with WV 34, and approximately 3.34 miles of side road access and two sets of mainline structures. The project involved 6.8 miles of pavement, two bridges, 28 culverts, 39 storm sewer runs, one interchange, six at-grade intersections, realignment of four local roads and one state route, over 8,000,000 cubic yards of earthwork, 6 modified NPDES documents, two reviewing agencies (WVDOH, DEP), and 21-day review times.

The bid price was \$73,819,000 and was approximately \$30 million under the next bidder. One of the reasons that the bid price was substantially lower was due to ELR's innovative design. The original quantity of excavation was expected to be 11 million cubic yards, but was able to be reduced by 3 million cubic yards, thanks to the expertise of our qualified staff. Additional benefits from this reduced excavation included less impact on the topography and environment.

In order to meet the construction timetable, the design phase needed to be completed in four months. The design schedule followed the contractor's CPM schedule, which permitted construction crews to begin the massive excavation task the day after notice to proceed was issued by the West Virginia Department of Highways. The project involved moving approximately 8,000,000 cubic yards of earth and placement of 290,000 square yards of non-reinforced Portland Cement Pavement, along with several large size drainage structures. To complete construction in the time frame needed, both day and night crews were utilized.

Blackwater Falls State Park Sewage Treatment Plant Replacement

WV Division of Natural Resources



LOCATION:
Davis, WV

COMPLETION:
2008

COST:
\$600,000

OUR ROLE:
Design and Construction
Observation

CONTACT:
Brad S. Leslie, PE
Assistant Chief
State Parks Section
324 4th Avenue
So. Charleston, WV
304.558.2764 x 51823



E.L. Robinson Engineering Co. was contracted by the West Virginia Division of Natural Resources, Parks & Recreation to design a new concrete sewage treatment plant which eliminates the potential for rust. The new plant also uses ultraviolet disinfection and provides a sand filter prior to discharge into the Blackwater Canyon.

The new plant was constructed adjacent to the existing plant. E.L. Robinson's design kept the existing plant in service during construction. A new building was also designed to match the building housing the existing plant.



Relevant Experience/Sample Work



GREENSCAPES - www.greenscapesllc.com

Greenscapes Professional Landscaping Services is an award-winning landscape design, construction, and property maintenance consulting company. They strive to create some of the most intricate landscape design projects for some of the most elaborate properties.

WHY THEY HIRED US

Although Greenscapes was a well-established business, it lacked a professional brand image that accurately reflected the essence of the business. Management was seeking help to redesign the company's logo and also to create a compelling website that would attract new business.

WHAT WE DID

We started with a complete logo redesign. Once the brand icon was complete, we shot brand-infused photography of the various services offered and samples of finished projects. We tied everything together in an image-heavy website that expresses the professional personality of Greenscapes.

BRANDING

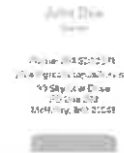
We believe that a strong logo should be timeless and iconic; it should not be treated like an illustration, but a symbol of the personality, attributes, and strength of a company. It should also be designed with its primary placement uses in mind. We chose a concept that was based on the "G" in Greenscapes to reinforce the brand name, and we modified the typography to incorporate the organic shape of a leaf. This new identity was widely accepted both internally by Greenscapes, and more importantly, its clientele.

ONLINE PRESENCE

The website we created for Greenscapes is very visual with straightforward, yet clever copy. To meet the needs of its target audience, we designed the site to provide a clear separation in the services from the very onset. The homepage divides the core service areas and channels users into sections of interest. It is based on a dynamic Content Management System (CMS) that allows Greenscapes employees to easily update their website.

PHOTOGRAPHY

Capturing compelling imagery takes more than a fancy camera and the ability to press a button; it takes a keen insight into the less-than-obvious details that allow an image to communicate a message to the viewer. We wanted to showcase imagery that accented the minute intricacies that separate their landscape design from basic greenery planting or placing rocks. The lighting technique we used required layering as many as a dozen specially-lit photos to produce one final shot.



The Houston Coal Company Store

Historic Renovation



LOCATION:
Kimball, WV

SIZE:
7,100 SF

COMPLETION:
Fall 2015

COST:
\$1.8M



ZMM Architects and Engineers, in association with Mike Gioulis, Historic Preservation Specialist, have been assisting the McDowell County Economic Development Authority with the restoration of the Houston Coal Company Store. The Company Store, located in Kimball, WV, is at the intersection of Route 52 and Carswell Hollow Road. It was constructed in 1923 and served as a coal company store until the 1940's. The building has since served as a dairy company, office and storage facility for a construction company, and currently sits vacant.

The 7,100 square foot facility includes a full basement, storage sheds, and a loading dock. The main portion of the building is 5,750 square feet, excluding the storage sheds and loading dock. The project team began by investigating all available historical documentation for the original facility. ZMM and Mr. Gioulis also visited the building site several times to assess the conditions of the architecture, structure, building systems, and surrounding cultural landscape.

To ensure the accuracy of the proposed improvements, a building information model (BIM) was created for analysis and documentation. The model was created based upon measurements and documentation performed on-site by the project team. Once the documentation was complete, a proposed floor plan was developed that included office space for the McDowell County Economic Development Authority staff, display areas for coal heritage artifacts, public restrooms, a gift shop, and a coffee shop. There are also plans to convert the outdoor storage sheds into an artisan's row.

Based upon the investigative results of the facility's existing conditions and its proposed use, recommendations and a proposed cost estimate were created. All proposed improvements were developed based upon the Secretary of the Interior's Standards for Rehabilitation (Department of Interior regulations, 36 CFR 67), and were reviewed with the State Historic Preservation Office.

A final draft of the report was issued that prioritized the recommendations:

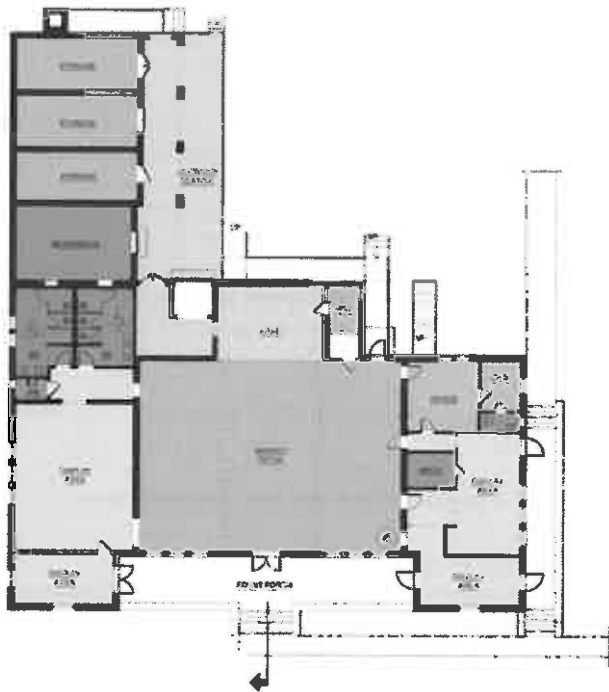
- Phase I – Building Shell Restoration (stabilize and restore)
- Phase II – Building Systems Integration (mechanical, plumbing, and electrical systems)
- Phase III – Interior Restoration and Reuse (Including the removal of construction not original and not historically significant to the building)

The Houston Coal Company Store

Based upon the availability of the initial funding, ZMM prepared bidding documents for Phase I. Once this documentation was complete, funding became available for the remaining phases of the work. The improvement package will bid in the summer of 2014, and all work will be completed by the fall of 2015.



TRANSVERSE SECTION
SCALE: 1/8" = 1'-0"



Proposed Floor Plan

WV State Police and WV Parkway Authority Maintenance Building



LOCATION:
Beckley, WV

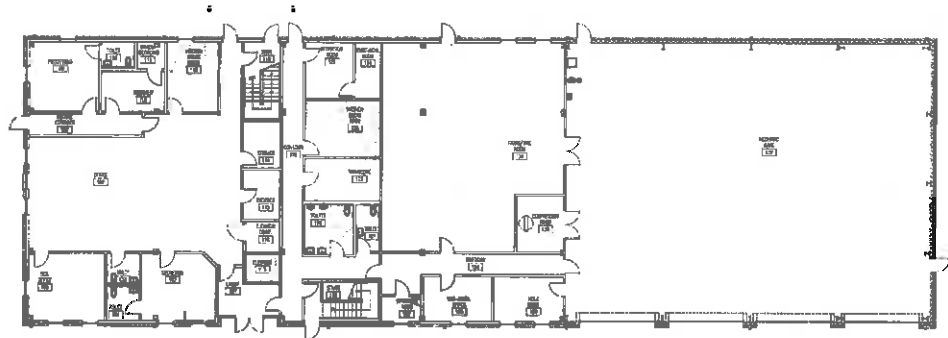
SIZE:
19,400 SF

CONTACT:
Cheryl Porterfield
Facilities Administrator
West Virginia Parkways
374 George Street
Beckley, WV 25801
304.256.6685

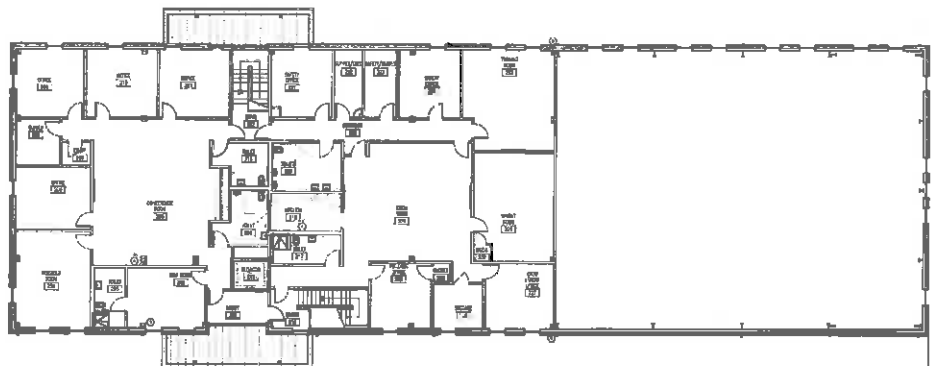


WV Parkway Authority needed to replace a variety of existing aging buildings with a new maintenance facility. The new 19,400 square foot building will include offices for maintenance staff, training staff, training center and a new WV State Police branch facility. The maintenance portion of the building will include four large bays equipped with overhead crane, truck lift and equipment to maintain the large fleet of trucks. Existing buildings will be removed to allow for the new building to be located on the existing site along with other support buildings.

ZMM, in consultation with HNTB engineers, was selected to design the new facility. The WV Parkway Authority had programmed the building requirements which ZMM developed into a building program to fit the existing restricted site. The four 26 foot high truck bays will be located next to a two story supply and support facility. The second story portion of the building will contain offices, training and meeting rooms along with lockers and exercise areas. The two story State Police facility will be located next to the maintenance facilities and we be serviced with common entrance, lobby, elevator, and stairs.



First Floor



Second Floor

Jackson County Sheriff's Office



LOCATION:
Ripley, WV

COST:
\$1.6M

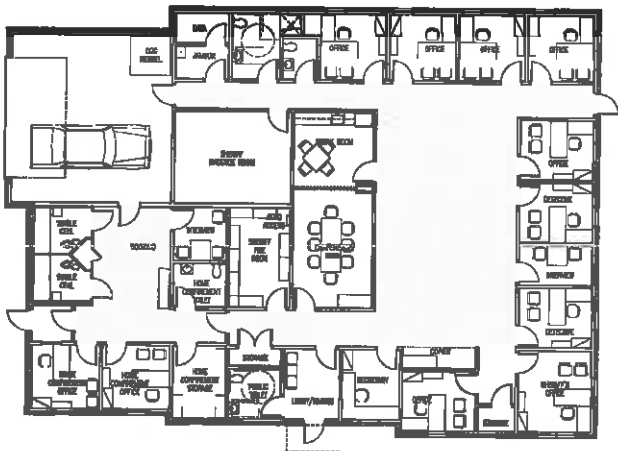
SIZE:
5,400 SF

CONTACT:
Sandy Garrett
Administrative Assistant
Jackson County Commission
Ripley, WV 25271
304.561.6539



The Jackson County Sheriff's Office was outgrowing their current facility, so a vacant lot was acquired adjacent to their existing building, which is located on the courthouse square in Ripley, WV. The one story sheriff's office will be approximately 5,500 sq ft. The cost is estimated to be \$1.5 million. The building will function as a full sheriff's office, as well as contain all home confinement reporting necessities for the county.

An improved booking area will contain two holding cells, sally port garage space, interview room, and all crucial processing equipment. The sheriff's office will include a conference room, advanced evidence storage, a work area for the deputies with room to grow, and personal offices for the sheriff, chief, captain, lieutenants, sergeants, and detectives. The public will enter through secured vestibules while staff will have key card access at entryways. The new state-of-the-art building will help the Jackson County Sheriff's Department serve the public more efficiently and effectively.



Tackett Family Readiness Center

WVARNG



LOCATION:
Charleston, WV

SIZE:
7,400 SF

COMPLETION:
February 2011

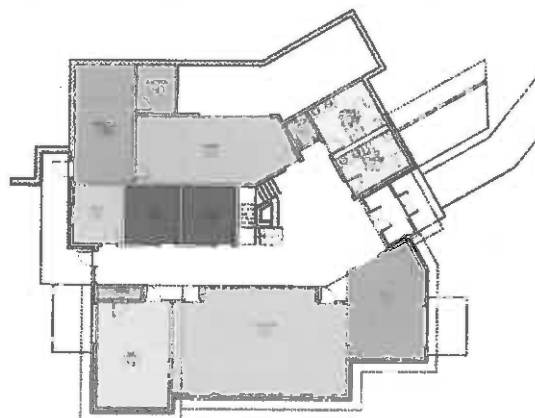
COST:
\$1.57M

CONTACT:
MAJ Dan Clevenger
WVARNG
1707 Coonskin Drive
Charleston, WV 25311
304.561.6446

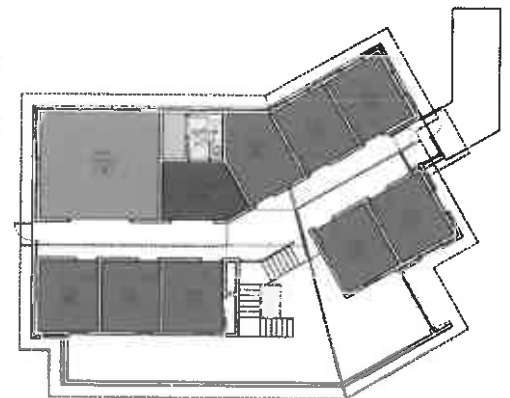


The Family Support Center is a two - story brick building with a sloped roof stepped into the wooded hillside adjacent to the Army National Guard facilities in Charleston. Due to the existing slopes, several analyses to determine the optimal finished floor elevations of the building. The building was set into the hillside to allow for on-grade access to both entrances. The building is designed to provide for a multitude of military family assistance, guidance, education, training, and mentoring programs.

The support center contains 11 office spaces, a chapel, and a variety of classroom and meeting spaces for various programs. The building provides an abundance of natural light and a central fireplace to project a warm, comforting and supportive atmosphere.



Lower Level



Upper Level



John XXII Pastoral Center

Wheeling/Charleston Catholic Diocese

- 53,000 SF
- Dormitory Space for 60 Guests
- Food Service Facility
- Dining Room Seating for 300
- Meeting/Seminar Rooms and a Chapel

Robert C. Byrd - Regional Training Center

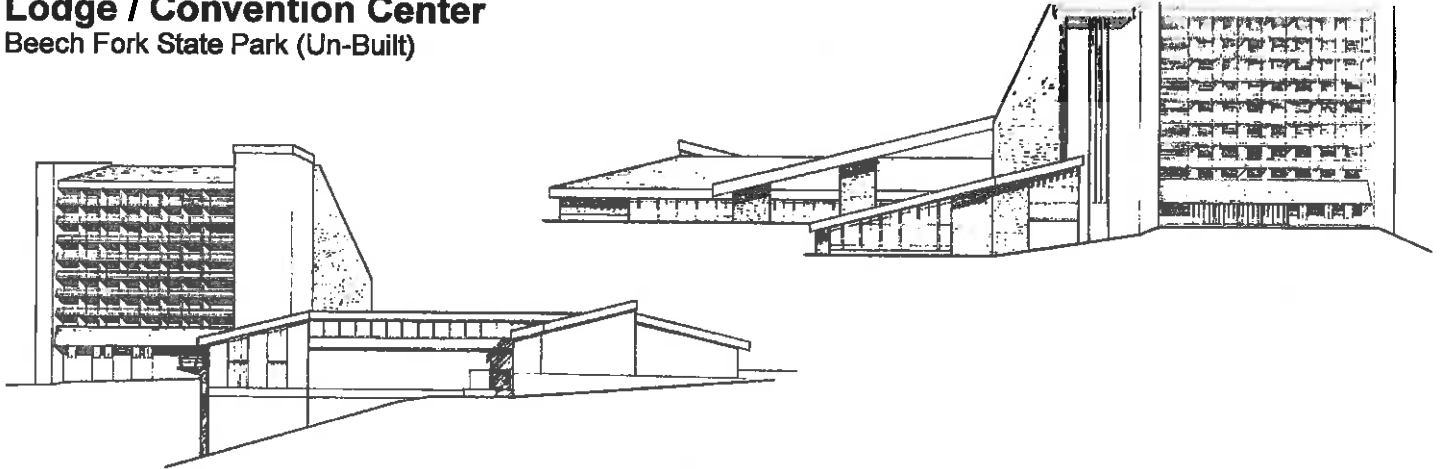
- Indoor Swimming Pool
- Fitness Center
- Full Service Dining Hall & Snack Bar
- Auditorium
- Lodging
- "Break out" & Study Rooms

Charleston Family YMCA

- Indoor Tennis Courts
- Racquetball Courts
- Indoor Swimming Pool
- Exercise Rooms
- 130,000 SF - Two Story Facility



Lodge / Convention Center
Beech Fork State Park (Un-Built)

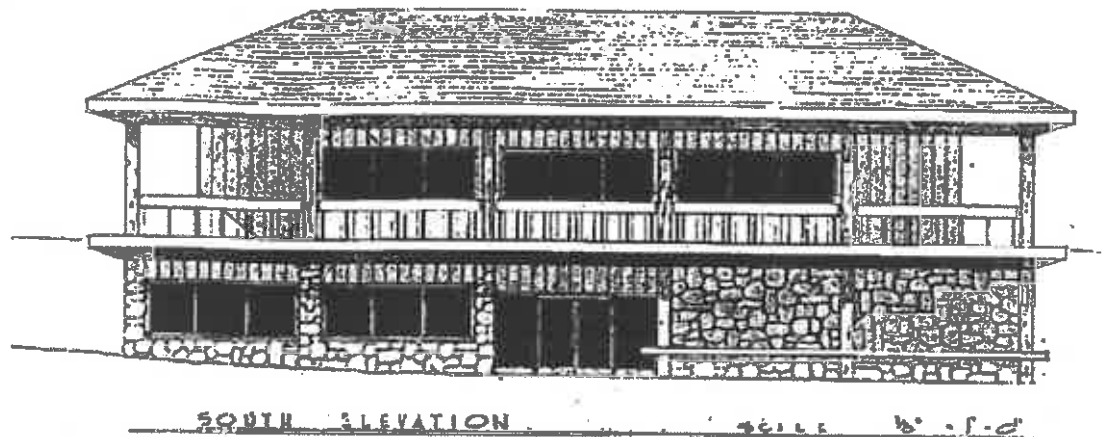


Miscellaneous Services:

Pipestem State Park
Hawks Nest State Park

Twin Falls State Park
Lodge and Convention Facility
Expansion Master Plan

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



Berkeley Springs Bathhouse

WV Division of Natural Resources



LOCATION:
Bath, WV

SIZE:
9,000 SF

COMPLETION:
2012

COST:
\$2.1M

CONTACT:
Bradley S. Leslie, PE
Assistant Chief
State Park Section
324 4th Avenue
S. Charleston, WV 25303
304.558.2764 x 51826



The Berkeley Springs Bathhouse was built in 1929 and is a historic structure located within the state park. The heated (1000) gallon per minute flow of (78.4) degree, mineral laden water is used by the spa guests prior to other activities via tubs or large Roman baths. The current structure is lacking in proper ventilation and dehumidification systems. The goal of the MEP system design is to provide reliable, cost effective, energy efficient systems that enhance client spa experience and protect the historic nature of the structure.

The successful renovation entailed replacement of all MEP systems and their associated piping. With a need for hot water supply that is exceptionally large, it will require a split into two systems; domestic (2,000 GPH) and Roman Bath water (3,000 GPH) units to fulfill demand requirements. A full VAV-HVAC system with terminal reheat and comfort radiant heating was installed over the client tubs and massage tables to produce optimal atmospheric temperatures. Upon completion, goals of proper ventilation and humidity conditions were met.

Adam R. Krason, AIA, NCARB, LEED AP



Role

Principal

Professional Registrations

Registered Architect (WV, OH, KY, VA)

LEED Accredited 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

Beech Fork State Park, Lavalette, WV

Mr. Krason was the principal-in-charge 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,

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

- American Institute of Architects, Member
- 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

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.

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.

Girl Scouts of Black Diamond Council, Charleston, WV

Mr. Krason was the project manager for the new Volunteer Resource Center and Girl Zone/Urban Camp in Charleston, WV. The 18,000 SF project will completely renovate an old car dealership into administrative offices, a community gathering space, and a small hotel (Urban Camp) for Girl Scouts visiting the Charleston area. This new main building will bring all the operations of the Girl Scouts of the Black Diamond Council under one roof.

Charleston Civic Center, Charleston, WV

Mr. Krason is serving 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 with tvsdesign and BBL Carlton. Mr. Krason is 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 is scheduled for completion in 2018.

State Office Building #5, 10th 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 10th 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.

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.

WVU at Parkersburg , Parkersburg, WV

Mr. Krason was the project manager for the Downtown Center (W.T. Grant Building). ZMM provided preliminary design services and a construction cost estimate for improvements to the building façade. Services included the development of as-built drawings, conceptual elevations, renderings, and modeling. Working closely with West Virginia University at Parkersburg ensured that the design reflected a contemporary and unified aesthetic.

Participated on the team that won the following awards and acknowledgements:

2016 WV AIA Merit Award *Christ Church United Methodist, Charleston ,WV*

2015 WV AIA Merit Award *Edgewood Elementary School, Charleston, WV*

2014 WV AIA Merit Award *Girl Scouts of Black Diamond Council, Charleston, WV*

2011 WV AIA Honor Award *Joint Interagency Training and Education Center (JITEC), Kingwood, WV*

2011 AIA Honor Award *State Office Building #5, 10th Floor Renovation, Charleston, WV*

2009 AIA Merit Award *WVARNG Construction and Facilities Management Office, Charleston, WV*

Christopher Litton, AIA, NCARB, LEED AP



Role
Project Architect

Professional Registrations
Registered Architect (WV, KY)
LEED Accredited Professional
NCARB

Since joining ZMM in 2009, Mr. Litton has utilized his design experience to help lead the architectural and engineering team effort on many educational projects as the Project Architect. Mr. Litton has assisted in the design and production of projects that included renovations, additions, and new construction.

Mr. Litton's responsibilities include: programming design, documentation, architectural/engineering coordination and construction administration.

Project Experience

Forks of Coal State Natural Area, Alum Creek, WV

Mr. Litton assisted E.L. Robinson and the WVDNR on the preliminary plan, renderings and estimates, programming design on the proposed Wildlife Education Center. Mr. Litton has attended project meetings and was responsible for the 3D rendering of the proposed building. The proposed facility is nearly 7,000 SF nestled in the beautiful West Virginia landscape. The building layout concentrates on both the visitor and user experience while creating a dynamic space to celebrate some of West Virginia's greatest natural treasures. One of the key concepts of the building is to represent our wild and wonderful state by incorporating natural materials such as stone, a variety of woods, and other natural finishes.

General Services Division - Surplus Property, Dunbar, WV

Mr. Litton is currently the project architect on the Surplus Property. This property consists of a new 20,000 SF metal building storage facility inclusive of 5,000 SF of new administrative offices. The new building will replace the existing structures currently located in the floodplain, and will address several site issues including proper drainage, traffic flow, and correct floor elevations in regard to current floodplain requirements. The demolition of the existing structures along with the new construction will be phased to maintain continuous operation of the facility.

Huntington East Middle School, Huntington, WV

Mr. Litton assisted with the programming, design, and project management for the new 800 student, 94,000 SF facility. This is projected to be the first LEED Silver Middle School in West Virginia and encompasses the latest in

Education

Bachelor of Architecture;
University of Kentucky, 2005

Bachelor of Science;
Morehead State University, 2005

Employment History

2009 - Present, Architect, ZMM
2005 - 2009, Intern Architect, KY Firm
Summer 2005 & 2006, CADD Instructor,
Spencerian College

Civic Affiliations

- American Institute of Architects,
Member

technology and distance learning within the classroom. The building will be used as a teaching tool along with large interactive monitors throughout the building. Students will be able to learn how the building operates through hands on learning and monitoring the buildings systems.

Culloden Elementary School (Addition), Culloden, WV Mr. Litton led the design effort on this 20,000 SF addition to this facility addition. This project encompasses all phases of construction; demolition, major renovation and new construction. The original single story school building was demolished and students were housed in temporary modular classrooms as the new addition was being constructed. This facility houses 250 PK thru 5 Elementary Students. The new facility will consist of a new "safe schools" entrance adjacent to the new Administrative Complex and School Clinic. A new Media Center and Computer lab will be constructed to replace the older modular classrooms currently being used on site. A new Multipurpose Space will be built to better serve the student population during the lunchtime activities in the Cafeteria. A new Parking area will also be located in close proximity to the school entrance and measures will be taken to ensure the safety of the students in the daytime hours to reduce the amount of vehicular traffic through the campus.

Evans Elementary School, Ripley, WV

Mr. Litton is responsible for the programming and design of the four classroom addition. Chris assisted with the master planning of this facility and worked with the owner and civil engineers to resolve site drainage issues that have plagued the school site since its beginning.

Harts PK-8 School, Harts, WV

Mr. Litton is responsible for the design, project management, and construction documents for the new 71,000SF facility. This school has the latest technology and boasts of a stage off the cafeteria. The music and art room are close by to support any effort required for a stage performance, The two level classroom wing surrounds a media center and computer lab. The new PK-8 school is the latest addition to the Lincoln County School System.

Roane Jackson Technical Center, Jackson County, WV

Mr. Litton is responsible for the programming and design for the new automotive paint booth and welding shop renovations. Chris worked with the owner to resolve budget issues and to ensure the owner could construct their vision within a very limited budget. Chris was also present during construction issues to provide the owner with a successful project.

Edgewood Elementary School, Charleston, WV

Mr. Litton is the project architect and leading the effort for all the production work and bidding documents for the new school. This facility is termed the "School of the Future" for its new innovative teaching methods. The new facility reflects this in the building floor plan and exterior design.

Comprehensive Educational Facility Plan (CEFP)

Mr. Litton provided field analysis for several county school systems. The information collected was used in the development of the Comprehensive Educational Plans. Chris also assisted in the implementation of the documentation in several other counties.

Participated on the team that won the following awards and acknowledgements:

2014 WV AIA Merit Award *Huntington Middle School, Cabell County Schools, Huntington, WV*

Role

Site Project Manager

Professional Registrations

Registered Landscape Architect (WV, OH, VA, MD)

Mr. Nelsen has practiced landscape architecture for over 30 years principally in West Virginia but also has completed projects in Ohio, Indiana and Pennsylvania. His professional experience has afforded him opportunities to assist clients with park and recreation planning and design, community and urban planning, streetscape design, campus planning for elementary, secondary and higher education facilities and site planning and design for residential, commercial and public places. He has been involved in environmental planning and restoration especially lands degraded from past mining practices. He has managed site development on significant projects such as the Stonewall Jackson Resort and the Tamarack Art Center yet enjoys working with clients and communities assisting them visualize the improvements for their parcels and neighborhoods.

Project Experience

Forks of Coal State Natural Area, Alum Creek, WV

E.L. Robinson provided property survey, topographic mapping, site analysis, review of existing infrastructure and required utility upgrades, preliminary entry road and parking design, site master planning and key development renderings, site development cost estimates and trail mapping. Coordinated preliminary planning phase services with environmental, architectural, exhibit design and marketing consultants team members.

Beech Fork State Park Lodge Development, Lavalette, WV

E.L. Robinson provided feasibility studies of three different sites for new lodge for the state park beginning in 2008 through 2011. Working with WVDNR and the architectural firm ZMM of Charleston to develop a conceptual plan for the lodge and site improvements for a 75 room lodge near the lake's beach area with a total construction cost of approximately \$29 million.

Clay Center for the Arts and Sciences, Charleston, WV

Prepared construction and bidding documents and provided construction administration for a new public plaza space at the corner of Leon Sullivan Way and Washington Street for Charleston's premier performing arts and science center. The site's design called creating a cool green zone for people to gather informally and as an entertainment venue for special events. The relative flat site consisted of a circular plaza and fountain surrounded by a concentric ring of granite seat walls at the edge of the pavement radiating outward into the lawn area.

Education

Bachelor of Science in Landscape Architecture, West Virginia University, 1976

Civic Affiliations

- West Virginia Chapter American Institute of Architects, Member

Large 4" and 6" caliper Linden and Honeylocust trees were planted to create a shaded canopy for the space in front of the center.

Washington Street Streetscape, Charleston's East End, WV Prepared master plan, construction and bidding documents and provided construction administration services for the remaining segment of the Washington Street streetscape from the state Capitol grounds to Charleston Area Medical Center which entailed a ½ mile of sidewalk replacement, new street lighting, brick accent pavements, street trees, landscaping, utility line relocation and burial and new underground electrical service for 30 structures. Total budget for the project was approximately two million dollars.

Rich Mountain, Laurel Hill and Corricks Ford Civil War Battlefields, Randolph, Barbour and Tucker Counties, WV

These are three distinct battlefields but are all related to each other because they are a progression of the first major conflict in northwestern Virginia in July, 1861 between approximately 9000 Union soldiers led by General George McClellan and 5000 Confederate troops led by General Robert Garnett. The armies engaged each other at these three locations over a week's time resulting in the defeat of the Confederate forces. This early Union victory allowed Union sympathizers in the western counties of Virginia to organize a secessionist movement to form the new state of West Virginia. Provided master planning, interpretation recommendations, signage and trail development for each of these sites with archeological and historical consultants on the team. The planning and design efforts of these new public lands were focused on preservation and interpretation of each site's story about West Virginia's role in the Civil War.

Stonewall Jackson Resort, Roanoke, WV

In the most recent major expansion of a West Virginia State Park, assisted the developer in an unique public private partnership to build new facilities at the park which included master planning for a lodge, golf course, expanded campgrounds, cabins, expanded day use facilities, trails and other site features. Prepared documents for regulatory review by the USACOE, WVDEP, and WVDNR. Managed the development of site preparation construction documents for the lodge, golf clubhouse, cabin area, and future campground areas. Assisted the golf course design team with storm water management and permitting issues. After the completion of new facilities have continued to assist the developer on future proposed amenities for the resort.

Tamarack Art Center, Beckley, WV

Working with the architect for the project prepared the site master plan and managed design for all exterior improvements including access road, bus and car parking, earthwork, stormwater management, utility design, pedestrian walkways and plaza spaces, fountain design, landscaping, and irrigation design. This \$20 million facility is widely recognized in West Virginia and surrounding states as one of the finest venues for West Virginia artisans.

BOPARC Master Plan Update, Morgantown, WV

Due to the significant growth in Morgantown, assisted the Morgantown Board of Park and Recreation Commission with an update of the existing and proposed park facilities maintained by the City of Morgantown. This involved site review of approximately 20 facilities, development of a needs analysis survey and interpretation of its findings, preparation of new master plans for each park, preparation of cost opinions and phased recommendations for the planned \$12 million of improvements.

Aspen Village, Timberline Resort, Canaan Valley, WV

Provided master planning and managed site design, permitting and engineering for a new 50 lot subdivision near Timberline. The development involved grading layout for lots, roads, drives, utilities, pond enlargement, and site amenities. Project entailed 30 duplex and triples units and 20 single family lots. Coordinated utility extensions with each respective company and assisted several of the property owners with site planning of their home sites.

B. Craig Miller, PE, LEED AP



Role

Engineering Principal

Professional Registrations

Professional Engineer (WV, PA, MD, OH)

LEED Accredited Professional

Licensed Master Plumber

Craig founded Miller Engineering in 2003 and serves as President and principal engineer. He has more than (15) years experience in design, specification, and project management. During his employment with WVU, Craig was directly involved with approximately \$130 million in new capital construction.

His experience with a wide range of projects including HVAC, electrical, plumbing, infrastructure upgrades, building automation, energy efficiency, and maintenance/renovation among others, allow him to serve in multiple capacities within a given project.

Profile

- Engineer in Responsible Charge
- Design and Project Management of Mechanical, Electrical, Plumbing Projects
- Concept and Construction Design
- Business Operations and Financial Management Oversight
- Quality Assurance and Control

DNR Project Experience

Beech Fork State Park - MEP New Construction Design

Hawks Nest State Park - HVAC

Twin Falls State Park - HVAC

Holly River State Park - Primary Electric Service Replacements Phase I & II

Bluestone State Park - Pool Replacement

Greenbrier State Forest - Pool Renovation

Blackwater Falls

Cacapon State Park (Old Lodge and Pool)

Additional Experience

Augusta Housing Complex, Morgantown WV

Barlett House (adaptive re-use)

Morgantown Domain Apartments

Bobtown Elementary School - HVAC

WVU Life Sciences Building and Student Recreation Center

Mapletown High School - HVAC Replacement Phase I & II

Education

BS, Mechanical Engineering, West Virginia University, 1995

BA, Mass Communications, University of Charleston, 1988

Employment History

2003 - Present, President/Relationship Manager, Miller Engineering, Inc.

2002 - 2003, Existing Building Services Staff Engineer, Casto Technical Services

2001 - 2002, Supervisor of Engineering, Uniontown Hospital

1990 - 1995, Caretaker for Krepps Parks, BOPARC

1983 - 1988, Electrician/HVAC Mechanic, University of Charleston

Professional Highlights

- Systems replacement specialist
- WV state specialist on aquatic structures.
- Consistent operable and maintainable designs
- Below industry change order rate status
- High level of customer satisfaction standing
- Accelerated design and early project delivery achieved on private surgical hospital.

Role

Transportation Engineer

Professional Registrations

Registered Professional Engineer (WV, OH)

While pursuing his degree, Mr. LeRose concentrated on Highway Design and Environmental courses.

Prior to joining E.L. Robing Engineering, Mr. LeRose worked for Potesta & Associates, where he gained experience in landfill design, abandoned mine land reclamation, surveying and earthwork calculations. He also worked several co-op terms for the West Virginia Department of Highways. During these co-op terms, he performed bridge construction inspections including the preparation of daily field reports, supervised core drilling operations, participated in groundwater sampling/monitoring projects, aided in the process of underground storage tank removal and replacement and was involved in various highway design projects.

Since joining E.L. Robinson Engineering, Mr. LeRose has worked with the Highway Design Group. He has worked on several DOH projects, which include – US 52 Kermit Bypass, Corridor H - Section 12 - Davis to Bismarck, Corridor H – Section 7 – Foreman to Moorefield, Meadowbrook Road, I-79 Bridgeport to Meadowbrook, Lower Gassaway Bridge Replacement, Meadowbrook Bridge, and US Route 35. While working on these projects, he has gained experience in horizontal and vertical geometry, major drainage design, site-grading design, utility relocation, MOT, signing, and pavement striping. He has performed quantity calculations for pavement, drainage, seeding, pollution control quantities, and other items associated with roadway plans. He has also participated in the development of ROW plans, including deed plots and legal descriptions.

Mr. LeRose has also worked on smaller site development and subdivision layout projects. Included in these are Saturn of Charleston/Huntington, Hurricane Chevrolet Dealership, Charleston Area Medical Center General Division parking area, Sherwood Forest Subdivision and Centre Court Subdivision.

Mr. LeRose has also been heavily involved in the preparation of gas line relocation plans for several sites owned by Consumers Gas as well as the creation of a land use master plan for Mingo County Redevelopment Authority. replacement, new street lighting, brick accent pavements, street trees, landscaping, utility line relocation and burial and new underground electrical service for 30 structures. Total budget for the project was approximately two million dollars.

Education

B.S. Civil Engineering, West Virginia University Institute of Technology, 1997

Civic Affiliations

- American Society of Civil Engineers

Project Experience

- **US Route 35, Couch to Little Five Mile, Mason County:** Project Manager and Designer for the roadway and right-of-way plans for 2.8 miles of four-lane divided highway, 0.5 miles of access road design, one at grade intersection, and two sets of twin structures. This project includes approximately 2.2 million cubic yards of excavation, with an estimated total construction cost of \$35 million.
- **Corridor H, Forman to Moorefield, Hardy County:** Project Manager and Design Engineer for the roadway and right-of-way plans for nearly 5 miles of a new four lane divided highway and nearly three miles of access road design and a truck escape ramp. The roadway plans included signing and delineator layout, maintenance of traffic and pavement marking plans. This project has an estimated total construction cost of \$77 million.
- **I-79 Bridgeport to Meadowbrook, Harrison County, West Virginia:** Design Engineer for the roadway construction plans for the widening of 2.1 miles of Interstate 79 from four to eight-lanes including three bridges and tie-ins to two interchanges. The roadway plans included signing plans, maintenance of traffic plans and pavement marking plans. This project has an estimated total construction cost of \$30 million.



Role
Structural Engineer

Professional Registrations
Professional Engineer (WV)

Mr. Hedrick is responsible for overseeing the design of the Structural systems, ensuring that the structural systems not only meet the building code requirements, but meet the long-term needs of the owner. He performs the analysis and design of the structural components to resist the loads from lateral and gravity forces. He coordinates with the other disciplines in order to integrate the Structural system into the building, working with the architects to determine the most economical way to construct the components of the building. Mr. Hedrick has participated on several LEED registered projects. Mr. Hedrick also oversees the work of other engineers and coordinates the office structural standards.

Mr. Hedrick began his career in structural engineering by designing large scale residential and light commercial structures for hurricane force winds. He has a broad range of experience in masonry, concrete, steel and timber design. In 2007, Mr. Hedrick moved back to Charleston, WV, to take a structural engineering position with ZMM where he supervises the design and production of the structural engineering projects, as well as serving on the Board of Directors.

Project Experience

Charleston Civic Center, Charleston, WV

Mr. Hedrick is currently the structural engineer on the Charleston Civic Center expansion and renovation project. The \$75M, 283,000 SF design-build project is being completed as a collaboration with tvsdesign and BBL Carlton. The design commenced in the spring of 2015, and construction is scheduled for completion in 2018.

Wood County Justice Center, Parkersburg, WV

Mr. Hedrick was responsible for the structural design for this adaptive reuse project in Parkersburg WV. The existing 32,000 SF building will create a new Magistrate Court and a Sheriff's Department. The project received LEED Silver Certification.

Tucker County Courthouse Annex, Parsons, WV

Mr. Hedrick was responsible for the structural design for the courthouse annex addition in Parsons, WV. 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

Education

Master of Science, Civil Engineering,
University of Tennessee, 2003

Bachelor of Civil Engineering,
West Virginia Institute of Technology,
2001

Employment History

2013 - Present, Board of Directors, ZMM
2007 - Present, Structural Engineer,
ZMM
2003 - 2007, Structural Engineer, McCall
Engineering, Inc.

Civic Affiliations

- American Institute of Steel
Construction, Member

the Circuit Court, Circuit Clerk, Family Court, Magistrate Court, Prosecuting Attorney, County Commission, County Clerk, Community Corrections, and Probation Office.

Joint Interagency Training and Education Center (WVARNG) Kingwood, WV Mr. Hedrick was responsible for the overall structural design of the three story billeting addition. The project met the requirements of the building code along with the additional requirements of the Department of Defense for blast and progressive collapse resistance. The project won LEED Gold Certification.

Edgewood Elementary School, Charleston, WV Mr. Hedrick was involved with the structural design on the new Kanawha County Elementary School on Charleston's West Side. The school is being designed as a 21st Century Learning Environment, with a focus on integrating technology into the delivery of the curriculum. Instructional areas will be located off of an open 'exploratorium' that is being designed to function like a children's museum, providing a variety of learning opportunities, and flexible educational spaces. The school will also visibly integrate sustainable design principles to serve as a teaching tool for the students.

Huntington East Middle School, Huntington, WV Mr. Hedrick was responsible for the overall structural design of the single story school building. The design included masonry wall, metal panel walls and storefront glazing in order to allow additional light for the LEED designed project.

Kenna Elementary School, Kenna, WV

Mr. Hedrick was responsible for the structural design for the new Kenna Elementary School. The new school will serve approximately 375 students in grades Pre-Kindergarten through 5th Grade. The new facility replaces the existing school that was falling into disrepair and lacked the essential spaces for a thriving 21st Century learning environment. The site includes a separate bus drop-off area and parent drop-off area. There is also a designated Pre-K drop-off. A fenced Pre-K play area is provided, as well as a play area for the Grades 1-5. Several playing fields will be located on site as well.

West Virginia Housing Development Fund Building, Charleston, WV Mr. Hedrick was responsible for the overall structural design of the two story steel frame and masonry building. The structure consisted of a composite concrete floor slab supported by steel beams and columns supported on a deep pile foundation.

Bridgemont Community and Technical College (Davis Hall, Building 704), Montgomery, WV

Mr. Hedrick was responsible for the structural design for a design team that is currently preparing construction documents for the renovation to an existing 7-story, 77,215 SF educational building. The project scope includes remedying several engineering and life safety deficiencies, as well as architectural improvements to the building envelope.

Southern West Virginia Community and Technical College, Williamson, WV Mr. Hedrick was responsible for the structural design of the new 22,000 SF Applied Technology Center. The building featured large, flexible teaching areas that can adapt as the curriculum changes for each program. The project is targeting LEED Silver Certification.

Jackson County Armed Forces Reserve Center, (WVARNG) Millwood, WV Mr. Hedrick was responsible for the overall structural design of the single story armory type structure. The project included the design of light weight metal trusses and long-span steel joists in the drill hall.

Other Firm Experience:

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

Robert Angus



Role

Construction Project Representative

Professional Registrations

Construction Safety & Health OSHA Training
Licensed WV General Contractor
Licensed HVAC Contractor
Certified HVAC Mechanic Contractor
Licensed Journeyman Electrician
Licensed Master Plumber

(20) Years of maintenance, operations, and construction management precedes Robert's engagement with Miller Engineering. Professional expertise of construction project management was gained as an owner of his own contracting company specializing in residential and commercial construction, electrical, plumbing, and HVAC projects.

Robert's hands-on experience, common sense, and valuable work history knowledge, enables him to interface with construction personnel seamlessly alongside engineers and architects. He is adept at preventing and handling issues. Robert is involved at the estimation phase to allow for continuity within the project's design and construction.

Profile

- Constructability Review and Estimation
- Construction Project Representation and Management
- Project Cost Estimation
- Submittal Review
- RFI, RFPCO Review and Response

Professional Highlights

- In (3) years has managed projects totaling \$35 million dollars.
- Maintains a change order rate of less than (5%) consistently.
- (10) Years of owner experience in large scale construction.
- Advocates and participates in community leadership.

Education

Monongalia County Technical
Education Center: Heating, Cooling,
and Refrigeration Certification, 2000

West Virginia University, Recreation
and Parks Administration, 1996

Employment History

2009 - Present, Construction Project
Representative, Miller Engineering, Inc.
2000 - 2009, Owner/Operator, Angus
Contracting, LLC.
1991 - 2000, Director of Maintenance,
BOPARC

Role

Chief Surveyor

Professional Registrations

Registered Professional Surveyor (WV)

Mr. Rayburn currently serves as Manager of Surveying for E.L. Robinson Engineering (ELR) and has more than 30 years of Design Surveying and Construction Surveying experience. The responsibilities include management of surveying and control for various design projects, including highways, buildings, and bridges. In addition, Mr. Rayburn manages and performs work consisting of courthouse research for property ownership resolution for the above mentioned project types. This includes preparation of property resolution maps, deed descriptions for property acquisitions required for project plan preparation. Mr. Rayburn has experience in Geodetic Control Surveys, 3D Laser Scanning, Photogrammetric Control, Topographic Surveys, Cemetery Surveys, Boundary Surveys, Construction Stakeout, Subdivision Surveys, along with Hydrographic surveys of river and lake bottoms. A few of the more notable surveying projects performed by ELR under the supervision of Mr. Rayburn, has been the Blennerhassett Bridge Project, 11 continuous miles of Corridor H design surveys, GPS Control for the West Virginia Statewide Mapping and Addressing Board Project, 3D Laser Scan and mapping of the CAMC Parking Garage partial collapse, and 3D Laser Scanning of I64/I77 Retaining Wall for Monitoring.

Project Experience

Design Surveys

Corridor H (WVDOT) Hardy County, WV: Lead Surveyor for Design Surveys, Right of Way Staking, etc. for approximately 11 miles of Corridor H in Hardy County, WV. This was for Sections 6 & 7 of Corridor H, both Sections of which are now under construction. Estimated construction cost of \$150 million dollars.

WV Route 10 (WVDOT) Logan to Man WV, Logan County, WV: Lead Surveyor for Design Surveys for a section approximately five miles in length from Man, WV, to Rita, WV, including the Man Bridge. Also provided control surveying for the entire project length of approximately 12 miles. The approximate five miles section of roadway is now under construction at an estimated cost of \$51 million dollars.

Blennerhassett Bridge, Corridor D (WVDOT), Wood County, WV: Lead Surveyor for Design Surveys for this landmark Bridge Project which is now under construction at an estimated cost of \$120 million dollars.

Education

A.S Mechanical Engineering, West Virginia Institute of Technology, 1970

Civic Affiliations

- American Congress on Surveying and Mapping
- The American Association for Geodetic Surveying (AAGS)
- Member Organization of ACSM
- Cartography and Geographic Information Society (CaGIS)
- Geographic and Land Information Society (GLIS)
- National Society of Professional Surveyors (NSPS)
- West Virginia Association of Land Surveyors, Inc.

James Ramsey Bridge (WVDOT) Potomac River, Shepardstown, WV: Lead Surveyor for Design Surveys for this Bridge Project which is now completed at an estimated cost \$15.5 million dollars. This project involved working in an environmentally historic area, which adjoined a National Park.

US Route 35 (WVDOT) Mason County, WV: Lead Surveyor for Design Surveys for two Design Sections each approximately 2.5 miles in length from Lower Five Mile Road to Upper Nine Mile Road. Also provided control surveying for the entire US 35 design project length of approximately 22 miles.

I64/US 35 (WVDOT) I64 to US 34 Crooked Creek, Putnam County, WV: Lead Surveyor for Design Surveys, Right of Way Staking, etc. for approximately four miles of US 35 including Interstate 64 Ramps and Flyovers in Putnam County, WV. This included the I64 Bridges and Flyovers, which is now under construction.

ATB-Parrish Road (ODOT) Ashtabula County, Ohio: Project Design Surveyor for rail grade separation project. Project involved roadway realignment, 900' new bridge, new waterline, storm and sanitary sewers. Project is currently under construction. Estimated construction cost: \$8.6 million.

PIC-23-3.21 and Various (ODOT) Pickaway County, Ohio: Project Design Surveyor for ODOT Project PIC-23-3.21 and Various. Project involves deck replacements along 11 miles of US 23 in Pickaway County. Project includes large diameter culvert liner, interchange upgrade that includes mainline profile correction, ramp reconstruction, and addition of barrier wall and storm drainage. Project is currently under design (90%). Project scheduled for construction in 2007. Estimated construction cost: \$12 million.

ATB-90-22.06 (ODOT) Ashtabula County, Ohio: Project Design Surveyor for Interstate Reconstruction Project. Project includes total pavement replacement, bridge widening, and contra – crossover maintenance of traffic, culvert replacements and storm sewer rehabilitation and sign replacements. Project is currently under design (50%) and scheduled for construction in 2011. Estimated construction cost: \$36 million.

Construction Surveys

Corridor D (WVDOT) Wood County, WV: Lead Surveyor for Highway/Bridge Construction Monitoring surveys for the following segments of Corridor D and related relocation projects:

Godbey Athletic Field Relocation Construction

Godbey Colt Field and Soccer Field Construction

West WV 47-East WV 47 Highway/Bridge Construction

East Buckeye-West Little Kanawha River Highway/Bridge Construction

Interstate I-79 Widening and Median Barrier (WVDOT) Harrison County, WV: Lead Surveyor for construction layout surveys for the widening of I-79 from the Meadowbrook Exit, north to the Jerry Dove Exit approximately three miles in length, as a subcontractor to the prime contractor.

CAMC 33rd Street Relocation and Building Expansion, Charleston, WV: Lead Surveyor for construction layout surveys for 33rd Street relocation along with ancillary items including sidewalks, drainage and utilities. Also layout surveys for building expansion project.

Saturn Dealership, Hurricane, WV: Lead Surveyor for Saturn Dealership site development and access roads at Hurricane Interchange of Interstate 64.

Arch Coal WV Mining Operations: Lead Surveyor as a subcontractor to Arch Coal operations for Valley Fill Construction (Up to 27 million cubic yard fills), mine haul road layout, drill line staking, and dragline pit layout.

Travis Taylor, PE



Role

MEP Engineer

Professional Registrations

Professional Engineer (WV)

Experience in project management facilitates Travis's ability to create and design constructible projects. Prior to joining the Miller Engineering team he was directly responsible for managing \$10 million in electrical construction budgets. His experiences encompass both new construction and renovation.

Travis maintains professional competencies by attending seminars and continuing education classes. As lead engineer he provides HVAC, mechanical, plumbing and electrical design solutions and services for our clients. In addition, he is part of our team's complete assessment process in both planning and MEP design through construction administration.

Profile

- Design of Mechanical, Electrical, and Plumbing Systems
- Building Information Modeling - Revit
- Constructible Materials Evaluation
- Site Evaluation and Mechanical System Review
- Submittal and RFP Review
- RFI Coordination, Review, and Response
- Construction Observation

DNR Project Experience

Holly River State Park - Primary Electric Service Replacements Phase I & II

Pipestem Lodge McKeever Lodge - HVAC Piping Replacement

Additional Experience

Westwood Middle School - Cooling Tower

Bobtown Elementary School - HVAC Upgrades

Suncrest Middle School Gym - HVAC

North Elementary School Gym - HVAC

North Elementary School - Boilers

Education

BS, Mechanical Engineering, West Virginia University, 2006

Employment History

2011 - Present, Staff Engineer, Miller Engineering, Inc.

2006 - 2001, Project Manager, Tri-County Electric Company

2006, Field Engineer Trainee - MWD, Schlumberger

Professional Highlights

- OSHA 10 - Hour Course: Construction Safety & Health

Role

Wastewater Engineer

Professional Registrations

Registered Professional Engineer (WV, KY, MO)
Registered Professional Surveyor (WV)

Mr. Carney has extensive experience in design engineering, preparation of contract documents, construction supervision and contract administration.

His wide experience in civil engineering projects includes water, wastewater, storm sewers, roads, earthwork, utility relocation and site development.

He has worked in private industry and for several Consulting Engineering firms prior to joining ELR in 1982.

Mr. Carney has designed and supervised the construction of numerous projects, including a \$4 million sanitary sewer system, 5 bridges, over \$5 million of utility relocations for highway projects, and many \$1 million waterline and sewer projects. Mr. Carney has over 25 years of experience in providing consulting engineering services. Clients served have included Industrial, Public and Private Institutions and State and Federal Agencies.

Joe serves as the State Director of the West Virginia Society of Professional Engineers, and as the Past President of the Charleston Chapter of the West Virginia Society of Professional Engineers. Additionally, Joe was honored in 1998 as the Engineer of the Year by the West Virginia Society of Professional Engineers.

Project Experience

- Blackwater Falls State Park Wastewater Treatment Plant for the lodge.
- Holly River State Park Wastewater Treatment Plant for the park.
- Tygart Lake State Park Wastewater Treatment Plant for the park.
- Town of Wayne, West Virginia combined sewer separation.
- Putnam County Public Sewer District Sanitary Sewer Project.

Education

M.S. Civil Engineering, University of Missouri at Rolla, 1974

Bachelor of Science, Aerospace Engineering, West Virginia University, 1969

Civic Affiliations

- American Society of Civil Engineers
- National Society of Professional Engineers
- American Water Works Association
- Water Environment Federation



James Tordoff



Role

Project Coordinator

As a project coordinator, James ensures your vision is achieved by facilitating a collaborative relationship with the Split Rock Studios team. His background in marketing and management brings a fresh perspective to the exhibit process, allowing him to identify what appeals to the visitor.

James facilitates an efficient and exciting experience with Split Rock Studios. At the end of the process, a world-class exhibit will enable your organization to have a greater impact on visitors and the community as a whole.

Role

- Communicates Split Rock Studios' intent, vision, and Capabilities to clients through project proposals
- Serves as a point of contact for clients both before and during a project
- Internally coordinates project teams, schedules, and budgets for projects
- Serves as a client advocate

Highlighted Project Experience

Hormel Nature Center, Austin, MN

Buffalo Bill Center of the West, Invisible Boundaries, Cody, WY

The History Center, Cedar Rapids, IA

Education

BSB, Marketing and Entrepreneurial Management, University of Minnesota, Curtis L. Carlson School of Management, 2011

Employment History

2014 - Present, Project Coordinator, Split Rock Studios

Marketing Manager, Podium Guitar Company

Marketing Manager, Guitar Rodeo Company

Tim Morgan



Role

Director of Strategy

Tim is the President and Director of Strategy at Mind Merge Design. Over the past 15 years he has worked with regional and national clients, providing strategic marketing, branding, and design services. He is a trusted and proven strategist who has facilitated significant financial and brand equity growth for customers across multiple industry sectors.

Experience

Mind Merge Design / President, Director of Strategy

June 2009 - Present, Morgantown, WV

Co-Founder and Director of Strategy. Oversees client business and communication strategies, brand messaging, account acquisition, and client relations.

WeSave, Inc / Executive VP

June 2007 - June 2009, Morgantown, WV

Oversaw the design and development directives and technical strategies. Worked with multiple divisions to enhance corporate financial and market growth.

WVU, College of Business & Economics / Web Master

January 2005 - June 2007, Morgantown, WV

Responsibilities included the redesigning and developing of dozens of program websites into a singular platform.

Formulated and executed a multi-phased communication strategy to increase student enrollment and alumni donor contributions.

Morgan Design / Owner, Consultant

January 2002 - October 2009

Provided graphic design and advertising services for clients extending across multiple industries.

Education

BFA, West Virginia University,
Morgantown, WV, 2002



Role
Specifications Writer

Professional Registrations
Registered Architect (WV, OH,)
LEED Accredited Professional
NCARB Certification
Construction Documents Technologist (CDT)

Mr. Epling is responsible for the creation and coordination of Project Manuals including specifications for all ZMM projects. The coordination duties include the incorporation of specifications from several design disciplines including structural, plumbing, HVAC, and electrical specifications. Mr. Epling's duties also include determining the type and number of bid packages and resulting construction contracts for a particular project, and following through with the incorporation of the appropriate contract forms and contract conditions into the Project Manuals.

Mr. Epling began his career as a licensed Architect in October 1982 and has acquired experience in all aspects of the architectural practice working on a variety of building types including single-family homes, medical clinics, industrial facilities, theatre restoration, commercial-retail buildings, and college dormitory and elementary school remodeling.

Mr. Epling began working at ZMM in February 1998 and has worked in preparation and coordination of working drawings, construction contract administration, and beginning in June of 2006, took on the role of specifications writer and has remained in that capacity.

Project Experience
Mr. Epling's recent project experience includes the preparation of Project Manuals for the following ZMM projects:

- Beech Fork State Park
- Wood County Justice Center
- Tucker County Courthouse Annex
- Capitol Roof Replacement
- WV State Office Building #5, 6, & 7
- WV Housing Development Fund
- CFMO Expansion
- Houston Company Store
- Erma Byrd Center
- Joint Interagency Training & Educational Center (JITEC)

Education
Bachelor of Architecture,
Virginia Polytechnic Institute and State
University, 1977

Employment History
1998 - Present, Project Architect &
Specifications Writer, ZMM
1997 - 1998, Project Architect, OH Firm
1982 - 1997, Architect, Self Employed,
Located in OH
1978 -1982, Intern Architect, OH Firm

Civic Affiliations

- American Institute of Architects,
Member
- West Virginia Symphony Chorus,
Member

Huntington East Middle School
Southern WV Community & Technical College
Bridgemont Community & Technical College
Milton Middle School
Barboursville Middle School
Kenna Elementary School
Craigsville Elementary School
Southside Elementary/Huntington Middle School
laeger - Big Creek High School
Lincoln County High School
St. Albans High School
Bradshaw Elementary School
Edgewood Elementary School
Hacker Valley Pre K –8 School
CAMC Teays Valley
Highland Hospital
WV Army National Guard - Glen Jean Armed Forces Center
WV Army National Guard - Jackson County Armed Forces Reserve Center
WV Army National Guard - Morgantown Readiness Center
WV Army National Guard - Logan-Mingo Readiness Center

Winfield H. Strock

Role

Cost Estimating Consultant

Professional Registrations

Licensed West Virginia Contractor - [REDACTED]

Experience

Mr. Strock is responsible for estimating, scheduling, and value engineering services to architects and engineers. He has performed project feasibility studies, conceptual estimates and performance prospectus for owners and developers. Mr. Strock is also responsible for on-site projects analysis, scheduling, and management.

- Experienced in all facets of construction estimating, scheduling, purchasing and project management.
- When the West Virginia Contractor Licensing Act was passed in 1990, Mr. Strock was selected as Chairman of the Contractor Licensing Board and served in that capacity until his resignation in 1995.
- Mr. Strock has lectured (*in conjunction with the Cambridge Institute*) on the use of arbitration in construction contract disputes.

Education

Master of Science Architectural Engineering, Pennsylvania State University, 1976

Bachelor of Science Mechanical Engineering, West Virginia University, 1973

Employment History

1995 - 2011, Principal, Self Employed
1978 -1995,

Owner/President/Consultant, Kenhill Construction Company, Charleston, WV
1965 - 1978, Field Engineer/Estimator/Chief Estimator/ Project Manager, Messer Construction Company, Cincinnati, OH

Civic Affiliations

- Associated General Contractors of American, Past Director
- Contractors Associated of West Director, Past President Director
- Kanawha Valley Builders Association, Past President
- American Arbitration Association, Panel of Arbitrators



SPLIT ROCK
STUDIOS

UNCOVERING EXPERIENCES

Split Rock Studios is a nationally recognized full-service museum exhibit firm. We design, develop, and build exciting interpretive exhibits for museums, nature centers, zoos and aquariums, and national and state parks across the country.

Elevating Exhibits From Ordinary to Exceptional

We specialize in creating innovative experiences that capture visitors' imaginations and engage their emotions and intellects. Our multidisciplinary team of museum professionals includes exhibit designers, developers, artists, and skilled craftspeople.



“From the first meeting when we were introduced to the world of museum design to the final installation, every detail seemed important to them, and the entire project ran smoothly.”

—Betty Hemstad,
Chik-Wauk Nature Center

UNCOVERING EXPERIENCES

Working together, we’ll find the unique story behind your artifact, historical event, or subject matter. Then, our experienced teams can design, write, sculpt, paint, and build just about anything we dream up together.

Outstanding Service, Exceptional Results

It takes experience and expertise to manage the myriad details inherent in interpretive exhibit projects. Split Rock Studios understands the importance of strong relationships and good communication.

Our project managers are experts in collaboration and coordination. When you choose Split Rock Studios, you can be confident that it will be delivered on time—and on budget.



"We are delighted with the work of Split Rock Studios and our collaboration with you on this project. We believe the exhibit has truly met all of our hopes and expectations—and then some."

— *Stevan Leger,*
Executive Director,
Heart Mountain Wyoming
Foundation

OUR ARTISAN APPROACH

Our exhibits are not from a mold, we create originals to transform visitors' perceptions and leave lasting impressions. Split Rock Studios takes clients through a collaborative creative process that results in unforgettable experiences.

It's all part of our artisan approach—visionary creativity, quality craftsmanship, and dependable service. Within the walls of our modern design and fabrication facility, we have everything needed to elevate exhibits from the expected to the exceptional.

From woodworking to graphic design to artistic fabrication, we produce exhibits that engage visitors' emotions and spark curiosity.



"I have rarely worked with a firm more responsive to the priorities of their customer."

— *Tim Nimz, Director,
Littleton Historical Museum*

BRINGING STORIES TO LIFE

How can your exhibits be more engaging and thrilling? What new approaches could make visitors feel like they've been transported to a period in history or a unique landscape? How can your story best be told?

Split Rock Studios' talented designers and developers dive deep into your subject matter to uncover compelling stories that will delight, educate, and even surprise your visitors.

When we create wonder, inspire imaginations, and engage emotions our work becomes an adventure through a new frontier of opportunities. Our staff navigates the land to uncover a story. We create a path every visitor can follow and enjoy.

Our next story could be yours.



COMPREHENSIVE CAPABILITIES

In-House Expertise

From the exhibit designers and project managers in our front office to the artists and woodworkers in our shop, Split Rock Studios brings together the full range of museum exhibit design and fabrication services under one roof.

A Multi-Disciplinary Team, At Your Service

We take a team approach to every exhibit, with different departments contributing specific expertise to ensure quality through all phases of your project.

EXHIBIT DESIGN CAPABILITIES

Planning & Development

Exhibit Concept Design

Design Development

Writing & Editing

Interpretive Graphic Design

Interactives and Multi-media

Project Management

FABRICATION CAPABILITIES

Thematic Environments

Dioramas

Hand-Painted Murals

Human & Animal Sculpture

Outdoor Interpretive Graphics

Custom Exhibit Furniture

Artifact Cases and Mount Making

Multimedia & Interactive Elements

Delivery & Installation



ALL UNDER ONE ROOF

One of the strengths of our company is a highly skilled and experienced in-house production team who can perform the full range of exhibit fabrication tasks.

This includes sculptures and models, murals and diorama production, woodworking and cabinet-making, and graphics, in addition to preproduction and project management.

At our 40,000 square-foot-plus facility located just north of St. Paul, Minnesota, we have the in-house capabilities to satisfy virtually every fabrication need. Our space is broken down into the following categories:

- Offices: 5,000 SF
- Staging, Graphics, Artifact Storage: 2,000 SF
- Woodshop: 12,000 SF
- Artistic Fabrication: 15,000 SF
- On-site Staging and Storage: 6,000 SF



NATIONAL REPUTATION

AWARD WINNING FIRM. We have built an excellent reputation within the museum and interpretive community for high quality exhibitions. We are active in National Association for Interpretation (NAI) and American Association of Museums (AAM). Our team presents at national conferences each year to keep up with emerging trends and new exhibits being developed around the country.

2014

NAI Award for Best Interior Exhibit
Jewel Cave National Monument

2013

AAM Excellence in Label Writing
Poarch Band of Creek Indians Museum

NAI Award for Best Interior Exhibit 1st Place
Montana Wild, Montana Game, Fish, & Parks

NAI Award for Best Interior Exhibit 2nd Place
Poach Band of Creek Indians Museum

NAI Award for Best Interior Exhibit 3rd Place
Sandy Creek Nature Center

NAI Award for Best Exterior Exhibit 3rd Place
Corn Creek NWR Waysides

2012

AAM Excellence in Exhibitions
Heart Mountain Interpretive Center

NAI Award for Best Interior Exhibit
Heart Mountain Interpretive Center

2010

NAI Award for Best Interior Exhibit
Baldwin Hills Scenic Overlook, CA State Parks

2009

AZA Best New Exhibit
Minnesota Zoo's Russia's Grizzly Coast

2008

NAI Award for Best Interior Exhibit
Weedon Island Natural & Cultural History Preserve

2007

NAI Best Interior Exhibit
Pearl Button Museum

2006

AZA Munson Aquatic Conservation Exhibitory
Cabrillo Marine Aquarium

NAI Award for Best Interior Exhibit
Anza-Borrego Desert State Park, CA State Parks

2005

NAI Best Wayside Exhibit
Crowley's Ridge Nature Center

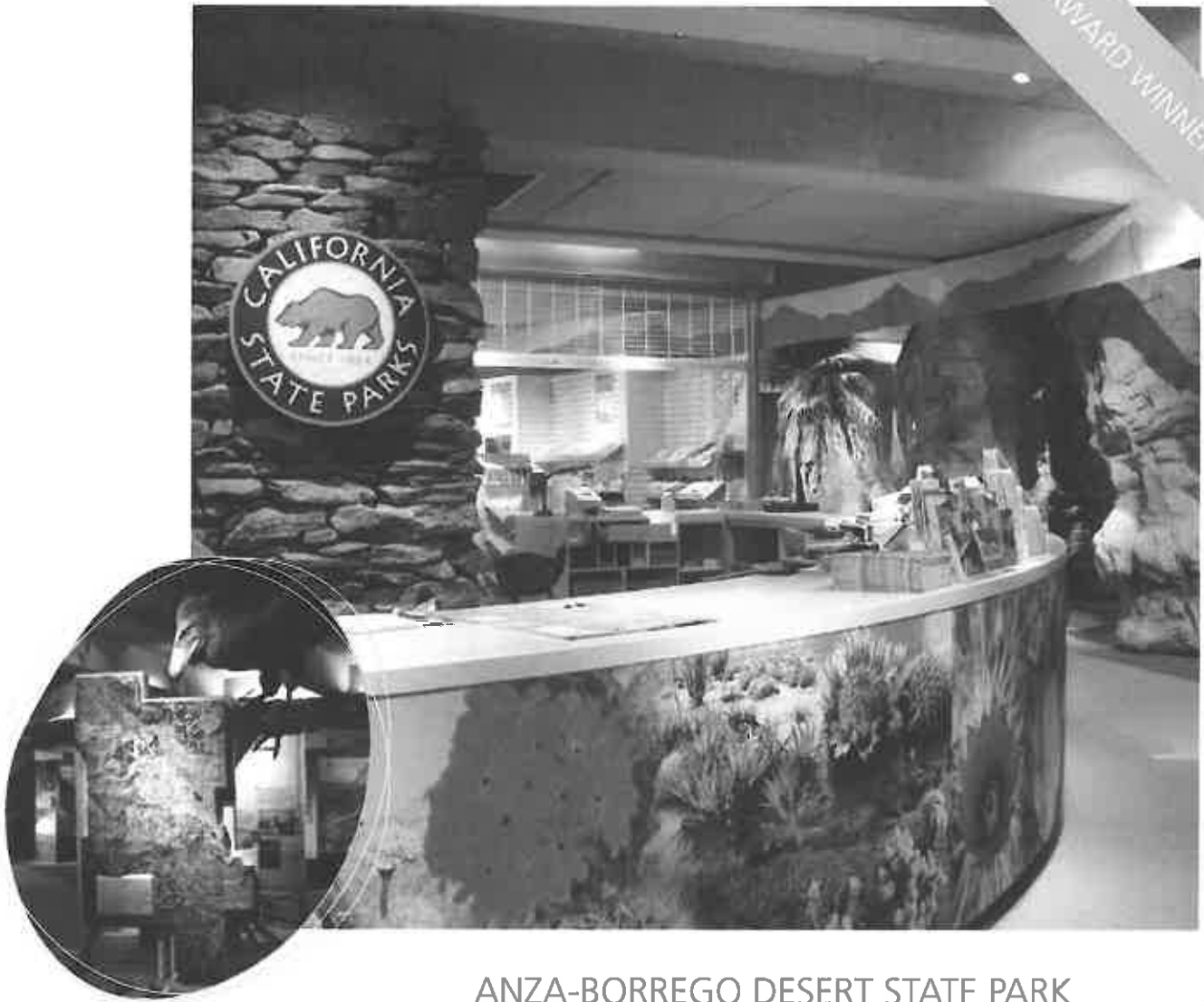
AZA Munson Aquatic Conservation Exhibitory
Cabrillo Marine Aquarium

2003

NAI Award for Best Interior Exhibit 1st Place
Lewis & Clark Interpretive Center, Sioux City, IA

NAI Award for Best Interior Exhibit 2nd Place
Bois Forte Heritage Center in Tower, MN

AWARD WINNER



ANZA-BORREGO DESERT STATE PARK

California State Parks, Borrego Springs, CA



EXHIBIT SIZE:

3,500 Square Feet

SERVICES PERFORMED:

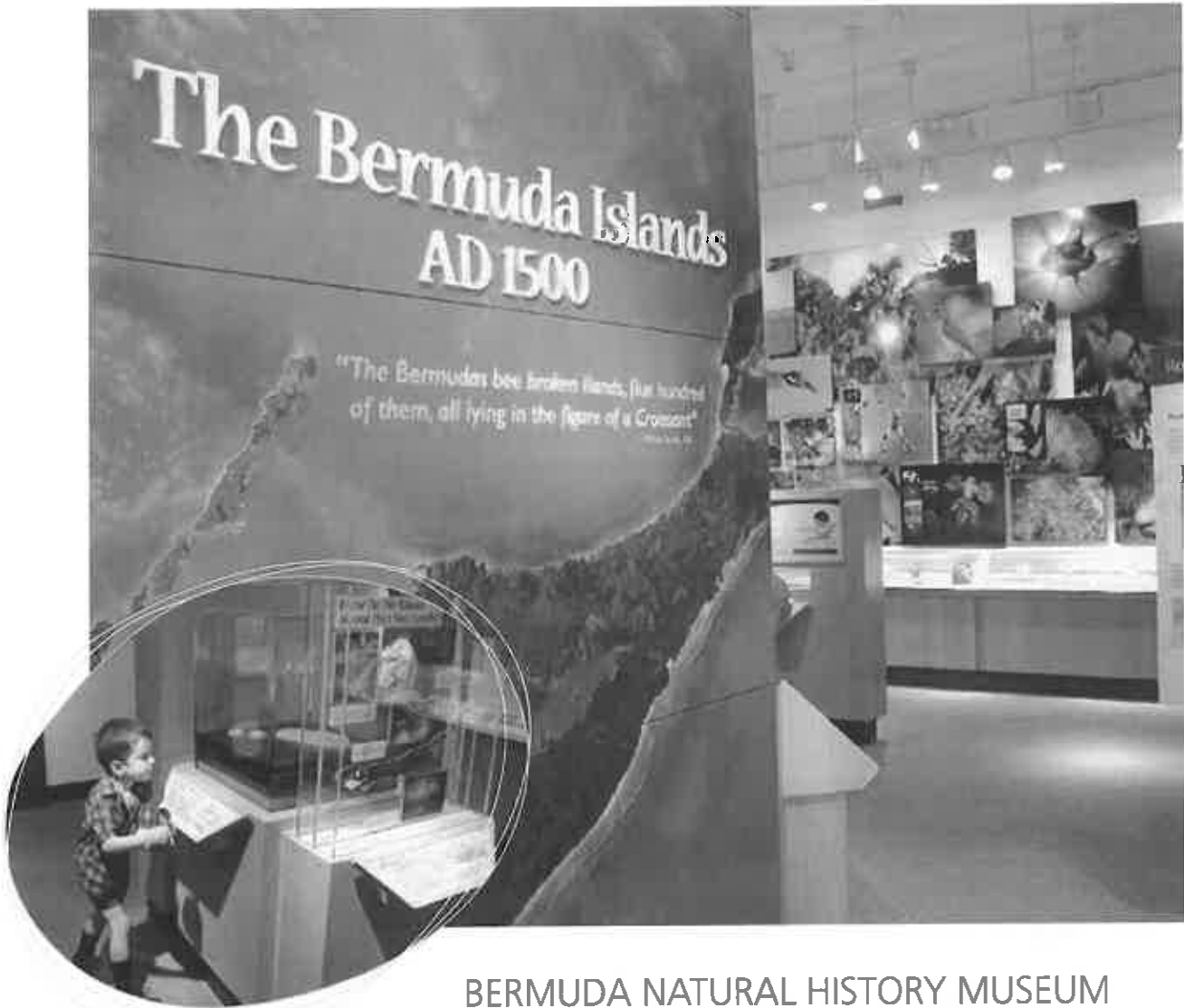
Exhibit Concept through Final Design, Graphic Design and Production, Hand-painted Murals, Dioramas, Models, Casework, Audiovisual Production, Artifact Mounting, Installation

Split Rock Studios partnered with the California Department of Parks & Recreation to replace their decades-old exhibits with beautiful interactive exhibits highlighting the park's cultural history, diverse ecosystems, and extensive fossil collection.

Upon entering the building, a life-sized model of a huge ancient culture catches the eye and imagination of visitors. An animated video depicts the geologic forces that shaped the Anza-Borrego landscape and brings to life the creatures that once lived there. Numerous dioramas, interpretive graphics and interactives present the Park's diverse prehistoric and historic past.

Winner:

2006 NAI 1st Place BEST Interpretive Exhibit



BERMUDA NATURAL HISTORY MUSEUM

Bermuda Aquarium, Museum, & Zoo, Flatts, Bermuda



EXHIBIT SIZE:

3,000 Square Feet

SERVICES PERFORMED:

*Fabrication, Custom Casework,
Dioramas, Interactives,, Graphic
Production, Hand-Painted Murals,
Audiovisual Programs and Hardware,
Fabrication, Installation*

DESIGNER:

Lyons/Zaremba, Inc.

The Natural History Museum at BAMZ highlights the natural beauty of Bermuda, while at the same time exploring the unique pressures faced by island environments. Through hands-on interactives and habitat dioramas, visitors learn the geological and ecological history of Bermuda as well as the role the island plays in the migratory routes of whales, turtles, fish, and birds.



BURR OAK WOODS NATURE CENTER

Missouri Department of Conservation, Blue Springs, MO

EXHIBIT SIZE:

800 Square Feet

SERVICES PERFORMED:

*Models, Fabrication, Interactives,
Graphic Production, Sculpture,
Mural, Interactives, Installation*

Play and explore in this tree-fort along with your favorite creatures in the Burr Oak Woods! This exhibit integrates physical and visual experiences creating a world of wonder and interactive play.

While intended to encourage a spirit of play, this exhibit was also created to familiarize children with common species through the nature center.

Notice the large burr oak tree (far right) where visitors can discover what critters call it home. Pull a rope to open the canopy and reveal animals who live among the leaves. Turn a crank to see who lives in the tree's cavity. Flip open the bark to find the termites below.



CABRILLO MARINE AQUARIUM *Los Angeles, CA*



EXHIBIT SIZE:

5,000 Square Feet

SERVICES PERFORMED:

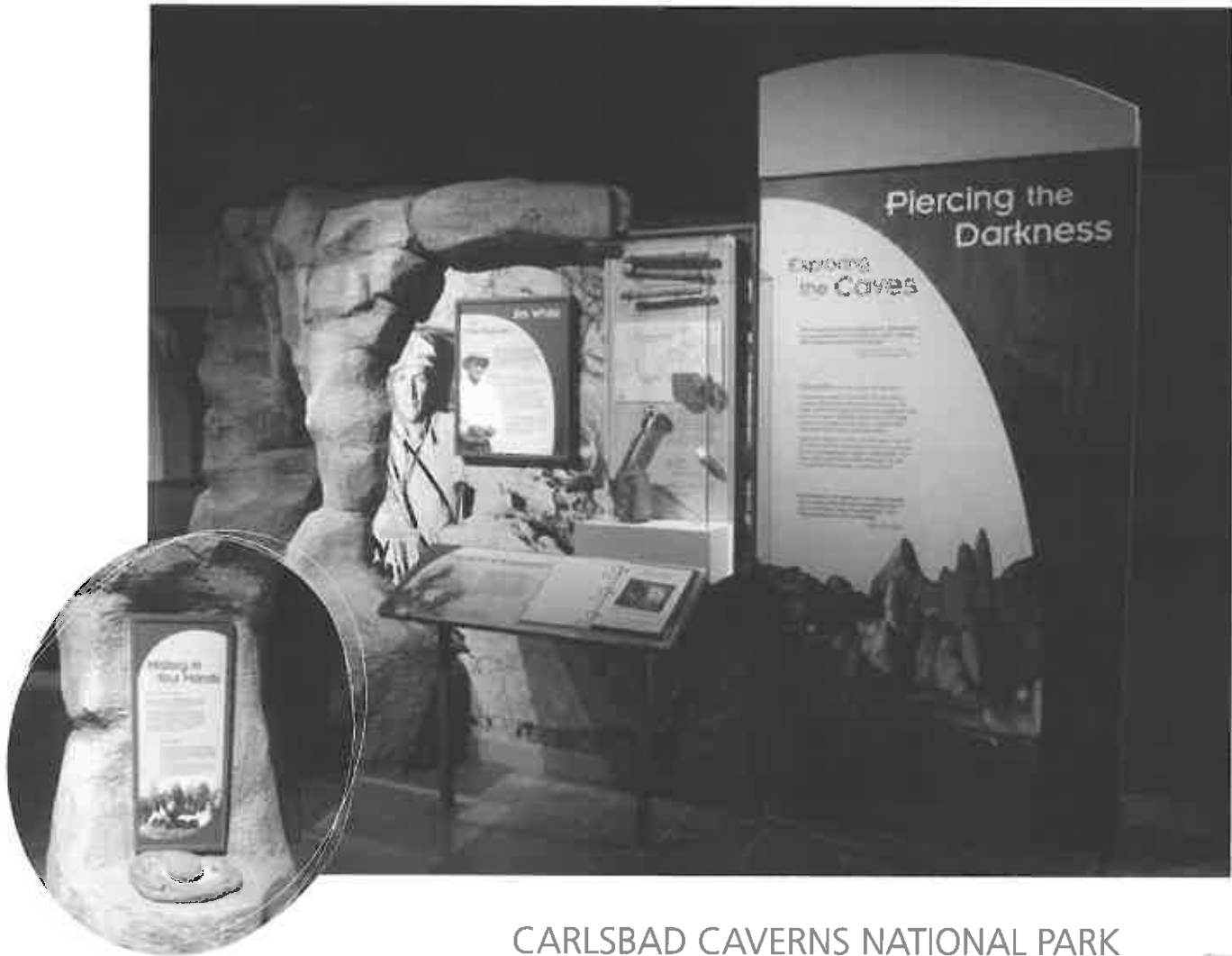
*Exhibit Concept through Final Design,
Text, Graphic Design and Production,
Hand-Painted Murals, Dioramas, Models,
Casework, Interactives, Installation*

Our goal at Cabrillo Marine Aquarium was to create **hands-on** exhibits for people of **all ages**. In the Aquatic Nursery visitors can observe aquaculture research being conducted and **interact with staff**. The room is filled with water tables that house research projects, enhanced by **vivid graphic panels**.

The interactive Exploration Center features an informal laboratory where students and visitors participate in experiments. A centerpiece exhibit is a mud walk-through where shrimp, crabs, clams, and worms are encountered at 1000 times their actual size. In an active play area, children dress up as fish, sea stars, and divers, and play in front of large colorful backdrops depicting ocean environments. Outside the building, visitors discover replications of fossils buried in the hillsides along the coast.

Winner:

2005 and 2006 AZA MACE Awards



CARLSBAD CAVERNS NATIONAL PARK *Carlsbad, NM*



EXHIBIT SIZE:

3,900 Square Feet

SERVICES PERFORMED:

Concept Design, Text Writing, Final Design, Graphic Design, Graphic Production, Casework, Diorama, Sculpture, Mural, Interactives, Audio-Visual Production, Electro-Mechanical Interactives, Models, Illustrations

There is a mystical quality to Carlsbad Caverns that is not opposed, but rather reinforced, by the science of their formation. Something about this place encourages hyperbole and swooping language—even in people who are not usually prone to such fancies. As the caverns transform visitor, the exhibitions tap into that change—creating emotional and intellectual connections, inspiring visitors, and encouraging them to think differently.

The environment we designed reflects the park resources, creating a link that visitors will recognize throughout their visit. Full of interactivity and opportunities to discover, the exhibits appeal to each visitor's sense of exploration. With over 400,000 visitors each year, durability was also a key consideration throughout the design and fabrication process.



DENALI NATIONAL PARK

National Park Service, Alaska



EXHIBIT SIZE:
9,000 Square Feet

SERVICES PERFORMED:
Final Graphic Layouts & Graphic Production, Hand-painted Murals, Dioramas, Historical Vignettes, Casework, Interactives, Installation.

EXHIBIT DESIGNER:
AldrichPears Associates

This two level space presents information about the history of the park, pioneers and native cultures, and the science of park and wildlife management and research. It also introduces visitors to the park's natural systems and provides trip-planning guidelines for those intending to travel further into the park on hiking trails and roads

Interpretive graphics, touchable artifacts, and immersive environments give visitors the feeling of living in Alaska before the park was founded. The focal point of the exhibits, however, are the dioramas. Startlingly realistic models of animals, plants, and rock formations, and stunning hand-painted mural backdrops, give visitors an up-close and personal view of the inhabitants of this diverse and wild habitat.



DESERT NWR VISITOR CENTER *US Fish & Wildlife Service, Las Vegas, NV*



EXHIBIT SIZE:

3,000 Square Feet

SERVICES PERFORMED:

Schematic Design, Final Design, Text Writing, Graphic Design, Sculpture, Dioramas, Topographic Maps, Sculpture, Interactives, Outdoor Graphics, Models, Casework, Artifact Mounting, Installation, Lighting Design

Water is a dynamic, defining force in the Desert National Wildlife Refuge. It trickles through the exhibition's storylines and draws together ancient landscapes, flora, fauna, and cultural history.

The exhibition makes clear connections from environment to the conservation efforts of the USFWS. Realistic sculptures of bighorn sheep and a mountain lion provide visitors an up close view of the iconic characters of the refuge.

Abstract elements overhead represent the cultural cycles and seasonal movement of the Nuwuvi people between the mountains and the valleys. Lighting effects cause Nuwuvi symbols to appear and change on rock formations throughout the exhibition.

AWARD WINNER



DESERT NWR WAYSIDES

US Fish & Wildlife Service, Las Vegas, NV

EXHIBIT SIZE:

NA

SERVICES PERFORMED:

Concept through Final Design, Content Development and Text, Graphic Design and Production, Exhibit Fabrication, Murals, Sculpture, Steel, Installation

This iconic wayside is like no other. It was designed to be a connector and give meaning to the natural experience. Each element was designed to compliment the beautiful landscape.

These interpretive panels at key points along walking trails feature touchable sculptures of animal tracks, plants, fossils, and man-made historical items. Themed elements include a "Hailing Portal" and "Shade Structure" that feature faux wooden sticks and logs that reference construction materials that native peoples might have used in previous times, and wayfinding signs at several trail intersections.



DOROTHY PECAUT NATURE CENTER

Sioux City, IA

EXHIBIT SIZE:

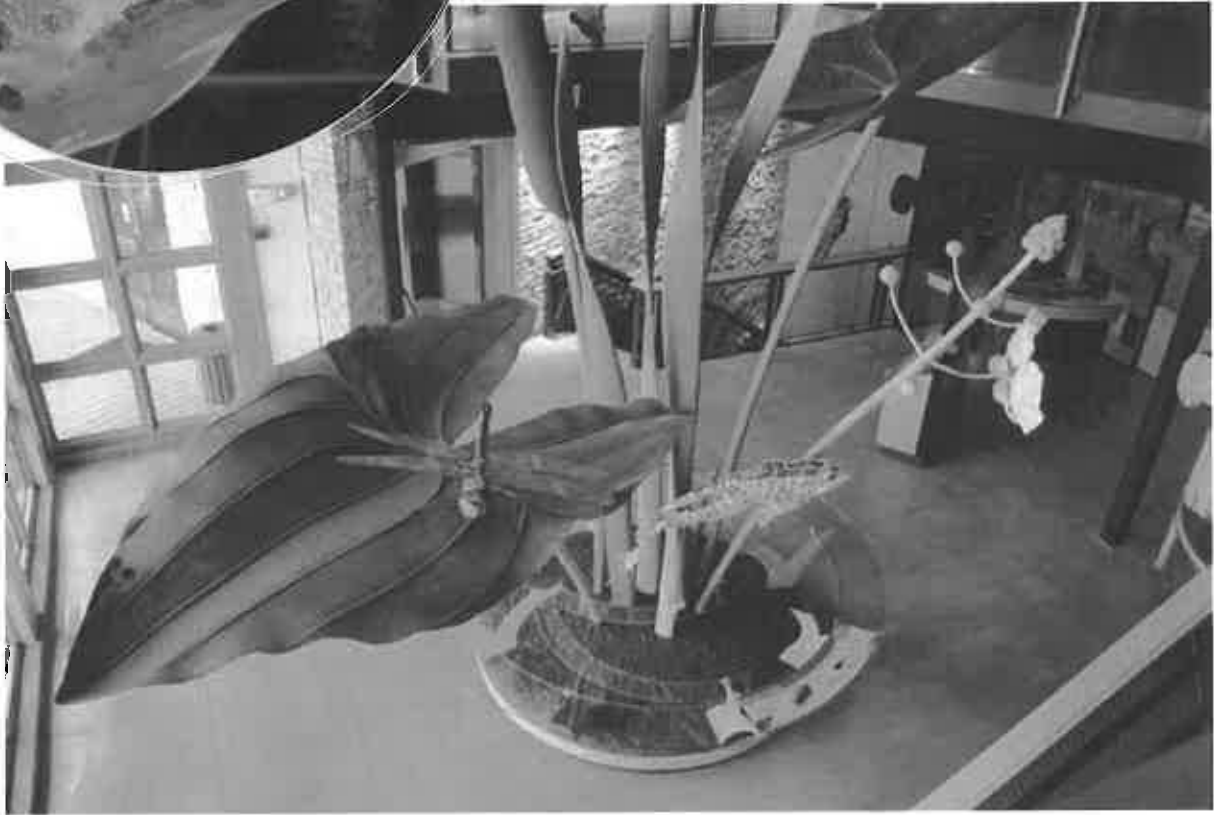
1,800 Square Feet

SERVICES PERFORMED:

*Exhibit Concept through Final Design,
Graphic Design and Production,
Dioramas, Models, Interactives,
Casework, Installation*

The Dorothy Pecaut Nature Center exhibits are a portal to the wonders to be discovered on the grounds of the nature center. The centerpiece of the exhibits is a loess prairie diorama. Although the loess hills are a large part of the story, they occupy a small portion of the Nature Center's landscape. The exhibits have been designed not to replicate the loess hills but rather to illuminate them in the most engaging ways possible. Visitors go underground to explore the hidden life of prairie plants and animals. The "badger cam" (a high detailed sculpture housing a visitor-controlled camera) provides a new perspective on the world.

By celebrating the unique and fragile nature of the hills in the exhibits, the staff hopes to foster positive stewardship attitudes and actions toward this endangered habitat.



ENVIRONMENTAL DISCOVERY CENTER *Indian Springs MetroPark, White Lake, MI*



EXHIBIT SIZE:
1,800 Square Feet

SERVICES PERFORMED:
*Exhibit Concept through Final Design,
Graphic Design and Production, Hand-
painted Murals, Dioramas, Models,
Casework, Audiovisual Production,
Artifact Mounting, Installation*

A 20-foot wetland sculpture featuring large-scale sculptures of a leopard frog, dragonfly, cattails, and other wetland wonders is the first thing visitors notice entering the Environmental Discovery Center. The models highlight the plants and animals of the wetlands and pond that surround the center.

In the other exhibits, visitors can explore all of Southeastern Michigan's different ecosystems through models, murals, and low-tech interactives.



ENVIRONMENTAL NATURE CENTER *Newport Beach, CA*

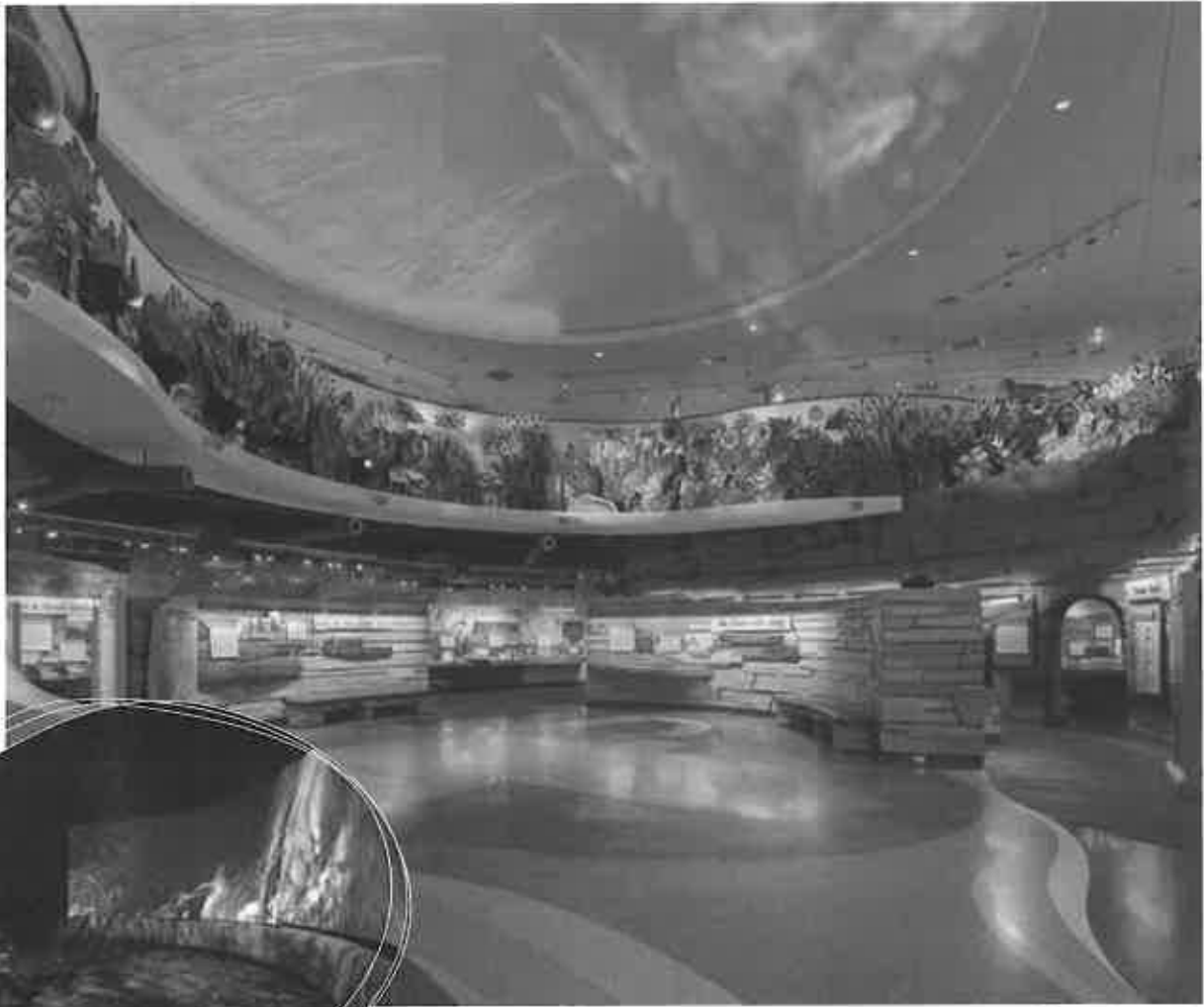


EXHIBIT SIZE:
900 Square Feet

SERVICES PERFORMED:
*Exhibit Concept and Final Design,
Text Writing, Graphic Design and
Production, Dioramas, Interactives,
Models, Fabrication, Installation*

Because of its geographic and climatic diversity California is one the world's biodiversity hot spots. The Environmental Nature Center is a 3 acre property where they have planted 13 of California's plant communities including desert, coastal sage scrub, oak woodland, and even redwood forest.

Split Rock Studios created exhibits in the nature center which use a variety of media to introduce visitors to these plant communities and the animals that live in them. A section of the exhibit is also dedicated to the first peoples that lived in the area and how they made use of its abundant and varied resources. Playful sculptures hold books and games to encourage exploration.



© Feintress Photography

FLINT HILLS DISCOVERY CENTER *Manhattan, KS*

EXHIBIT SIZE:

10,000 SQFT

SERVICES PERFORMED:

*Fabrication, Casework, Models,
Hand-Painted Murals, Dioramas,
Interactives, Audio Visual
Programs and Hardware, Graphic
Production, Installation. BOSS
Display-interactives*

DESIGNER:

Hilferty & Associates

Split Rock Studios was selected as the fabricator of spectacular and diverse exhibits that celebrate the geology, ecology, and cultural history of the Flint Hills region. The Flint Hills Discovery Center is a family-focused, informal learning center with exhibits that explore the science and history of the 22-county Flint Hills region and the ongoing role of Kansans to act as stewards for this diverse and ecologically complex place.

Dramatic themed environments introduce visitors to the prairie landscape, and a diverse array of engaging interactives encourage discovery. Visitors explore prairie life above and below ground, and learn about the people who have called this landscape home, from indigenous Native Americans to cowboys and ranchers.





JANET HUCKABEE NATURE CENTER

Arkansas Game & Fish Commission, Ft. Smith



EXHIBIT SIZE:

2,630 Square Feet

SERVICES PERFORMED:

*Hand-Painted Murals,
Dioramas, Sculpture, Artifact
Mounting, Graphic Production,
Casework, Installation*

DESIGNER:

Haizlip Studio

Two interpretive environments welcome visitors and immerse them in the region's two major habitats. Split Rock Studios created replica Ozark limestone formations to frame a 1700 gallon aquarium stocked with signature species.

Just beyond, an enormous oak tree is the highlight of the centerpiece diorama. Preserved and crafted plants, sculpted and taxidermied animals—including one turkey shot by Janet Huckabee herself—and hand-painted murals complete the oak forest setting. Interactive displays allow visitors to learn more about the different animals and habitats of the Ozarks.

An interactive fish pond, and a superscale bird house, engages adults and children in imaginative play.

AWARD WINNER



JEWEL CAVE NATIONAL MONUMENT *Custer, SD*

EXHIBIT SIZE:

2,000 Square Feet

SERVICES PERFORMED:

*Exhibit Design and Development,
Graphic Design and Production,
Fabrication, Mural, Sculptural Elements,
Dioramas, Interactives, Text Writing,
Casework, Installation*

The exhibition at Jewel Cave National Monument captures wonder found above and below ground. Large sculptural elements captivate visitors with beautiful and bizarre geologic features.

Jewel Cave is located within two overlapping ecosystems resulting in questions pouring in: Is that an eastern or mountain blue bird? Mule deer or white-tailed deer? How do you tell one thistle from another? A large mural displays the most commonly mistaken species in the foothills where the two ecosystems overlap. The mural provides visitors with tools to tell these eastern and western species apart. Visitors who choose not to tour the cave can still discover its splendor and mystery. Even the surprise of rushing cave winds are found in a crawl-through tunnel interactive.

2014 NAI Award for Best Interior Exhibit



KODIAK ISLAND NWR
US Fish & Wildlife Service, Alaska



EXHIBIT SIZE:

1,000 Square Feet

SERVICES PERFORMED:

*Fabrication, Sculpture, Dioramas,
Interactives, Graphic Production,
Casework, Installation*

DESIGNER:

AldrichPears Associates

Split Rock Studios was part of the team selected to build a new visitor center on Kodiak Island. The exhibits, shown here during installation, interpret the natural history of Kodiak Island's grizzly bears. Highly realistic animal sculptures are combined with flowing casework and dramatic graphics in this compact exhibit.



MCKENZIE RIVER PORTAL

US Forest Service, McKenzie Bridge, OR



EXHIBIT SIZE:

800 Square Feet

SERVICES PERFORMED:

*Concept and Final Design,
Fabrication, Topographic Models,
Graphic Design & Production,
Casework, Interactives, Diorama,
Murals*

Nestled in the Willamette National Forest is this interpretive center. Beautiful photomurals and handpainted murals create an atmosphere of environmental appreciation. The river itself seems to run right into the nature center through a riverbed diorama including local fish species adapted to the clear waters of the McKenzie River.

The land's story is told through geological history. We designed an intricate topographic model and engaging and interactives that show how the landscape changed over time.

AWARD WINNER



MONTANA WILD

Montana Fish, Wildlife, and Parks, Helena, MT



SIZE:

3,000 SQFT

SERVICES PERFORMED:

Concept and Final Design, Text

Writing, Graphic Design and

Production, Dioramas, Sculpture,

Interactives, Illustrations, Installation

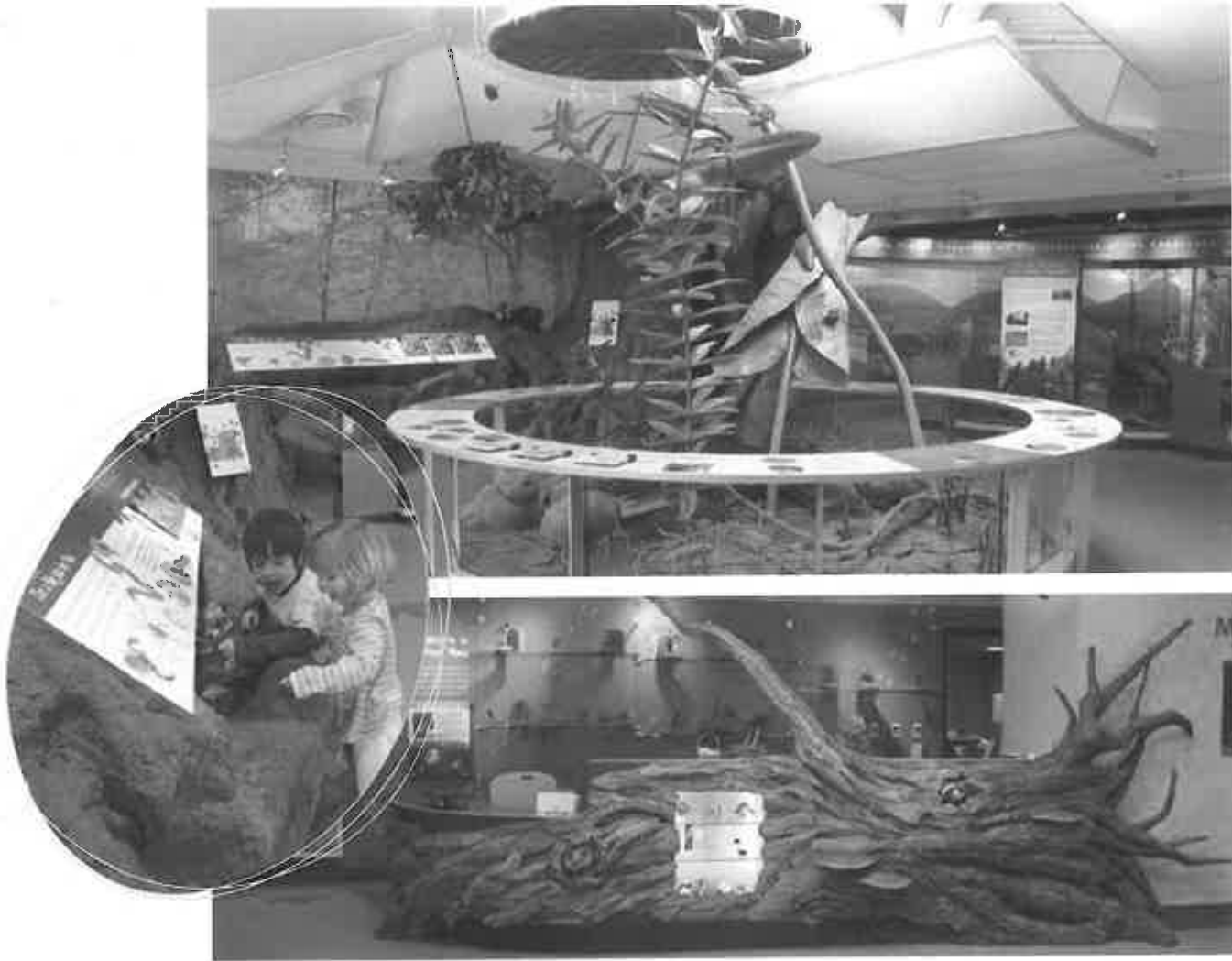
Combining the outdoors with modern technology, Montana Wild visitor center is an awesome representation of the rugged land.

The center inspires visitors to have an adventure of their own and equips them to do so. Visitors can experience 'wildness' through dioramas bringing the wildlife and their habitat to life.

The hundreds of graphic panels are full of beautiful landscape and the people who love it most. Q-R codes are included for smartphone carriers. They bring a simple, yet innovative, interactive element throughout the exhibit.

Winner:

2013 NAI Best Interior Exhibit



THE NATURE REALM

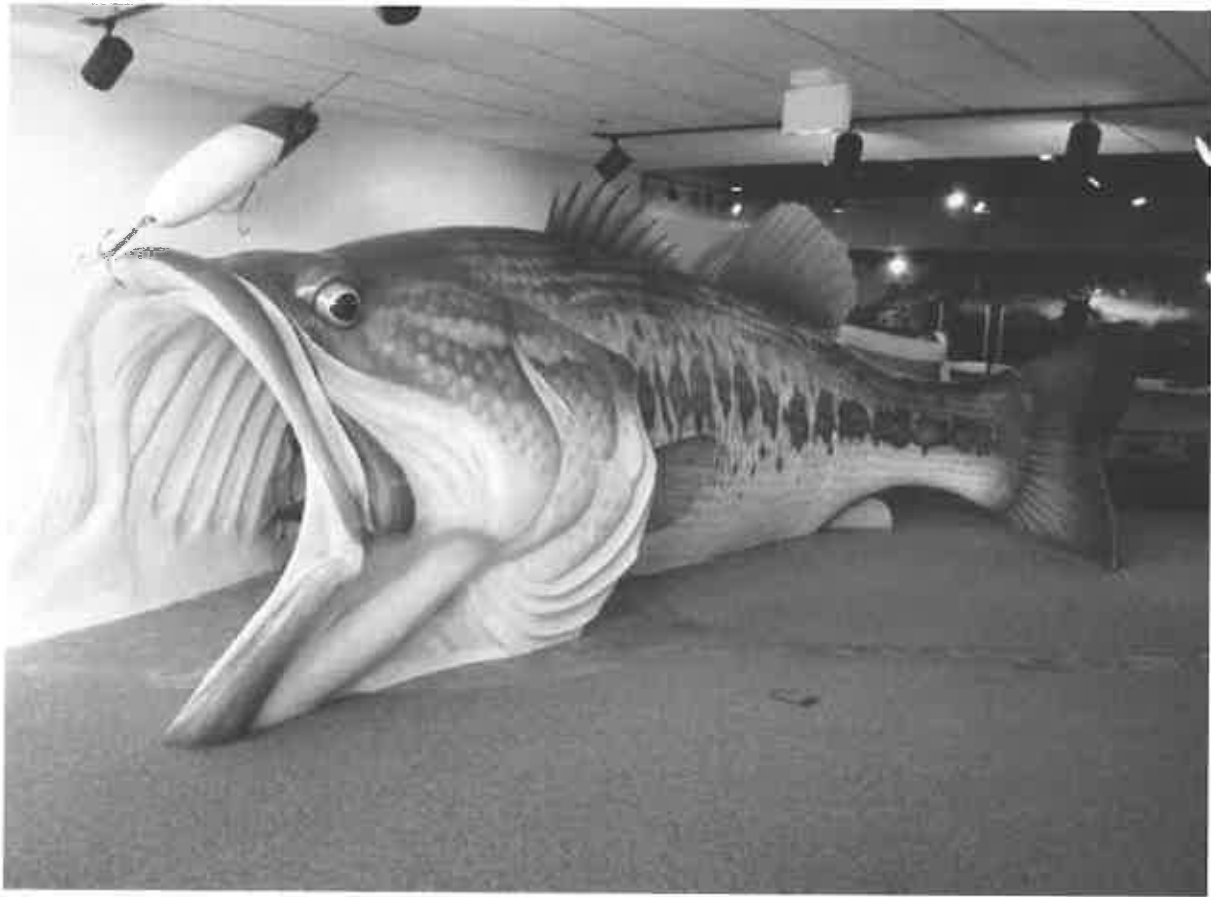
MetroParks Serving Summit County, Akron, OH

EXHIBIT SIZE:
2,000 Square Feet

SERVICES PERFORMED:
Exhibit Design, Graphic Design & Production, Fabrication, Hand-Painted Murals, Themed Environments, Sculpture, Dioramas, Custom Casework, Interactives, Installation

The Nature Realm is the main visitor facility for the 13 parks in Akron. In 2009, MetroParks renovated the 15-year-old earth-sheltered building and interior exhibits. New exhibits highlight "How Nature is Good For You" through a series of models, hands-on activities and interpretive experiences. All the graphics and casework are designed so Park staff can update information easily. Exhibit materials and lighting were selected to meet the green goals for the building. As well as creating original hand-painted murals and interactive tree sculptures, we reused elements from a large underwater diorama that was a visitor favorite from the previous exhibits.





OUTDOOR CAMPUS EAST

South Dakota Game Fish and Parks, Sioux Falls, SD



EXHIBIT SIZE:

N/A

SERVICES PERFORMED:

*Exhibit Design, Fabrication,
Themed Environments, Graphics,
Sculpture, Interactives, Installation*

Split Rock Studios created two new sculptures to update the existing exhibits at this flagship visitor center.

A 20-foot long largemouth bass sculpture, complete with relief internal organs and skeleton, is the centerpiece of the exhibit area! The sculpture includes entryways at the mouth, gills, and tail and is durable enough for kids to climb on. We also created a large interactive tree with sculpted handles that encourage visitors to learn about the birds and bats that call this tree home. Nearby, a campsite and interactive canoe teach kids about safety.



RED OAK NATURE CENTER *Batavia, IL*

EXHIBIT SIZE:

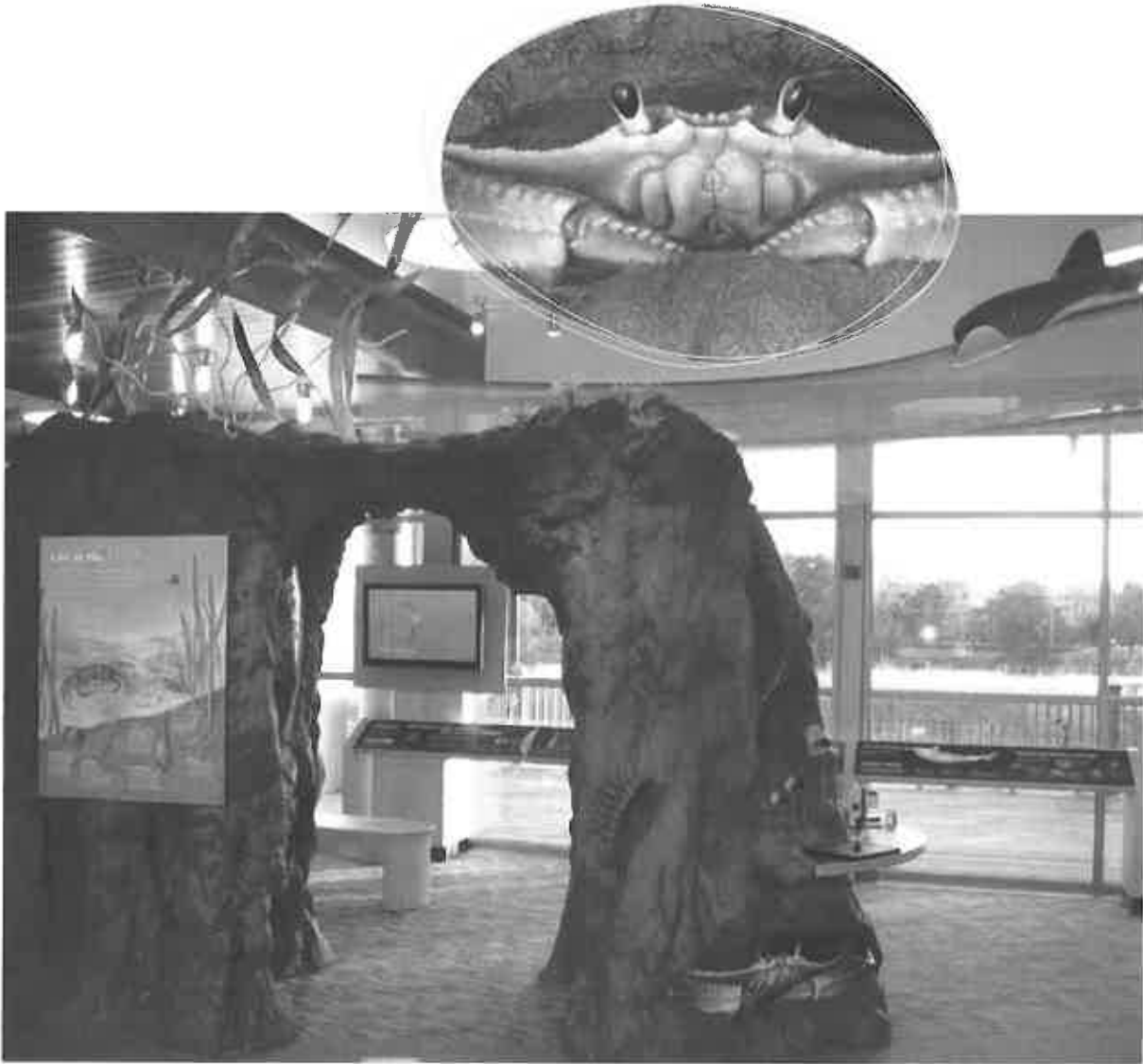
1,500 SQFT

SERVICES PERFORMED:

Exhibit Design, Fabrication, Text and Images, Dioramas, Sculpture, Interactives, Prototyping, Graphic Design & Production, Mural, Illustration, Multimedia Production and Hardware, Installation

You can sense the seasons at Red Oak Nature Center. The exhibits invite visitors to see, touch, listen, and even smell the seasons. Each seasonal area features realistic flora and fauna, complemented by stylized, colorful, and durable play elements that appeal to younger audiences.

Our redesign focused on creating an open floor plan to accommodate larger groups of twenty to twenty-five visitors. Although naturalists on staff often lead groups throughout the center, the exhibits also facilitate self-guided experiences that pique visitor curiosity about the natural world and prompt questions in an interactive, welcoming space. Ultimately these exhibits serve as a jumping off point for visitors to go outside—where the real connections with nature begin.



REDWOOD SHORES COMMUNITY LIBRARY *Redwood City, CA*



EXHIBIT SIZE:

800 Square Feet

SERVICES PERFORMED:

Exhibit Concept and Final Design, Text Writing, Graphic Design and Production, Sculptures, Interactives, AudioVisual Programs and Hardware, Fabrication, Installation

Split Rock Studios created exhibits for a new library along the shore of San Francisco Bay.

The centerpiece exhibit is a mud column that houses a large aquarium, AV interactives and lots of touchable sculptures. The exhibits celebrate life in the bay and help visitors discover things they cannot see with the naked eye.



SANDY CREEK NATURE CENTER *Athens, GA*

EXHIBIT SIZE:

3,700 Square Feet

SERVICES PERFORMED:

*Exhibit Concept and Final Design,
Text Writing, Graphic Design
and Production, Hand-Painted
Murals, Dioramas, Interactives,
Audiovisual Programs and
Hardware, Fabrication*

Every visitor deserves an opportunity to connect with the natural world! This is motto behind every exhibit component at Sandy Creek Nature Center. Local habitats are highlighted with personal exploration and discovery in mind. Visitors can venture into a soil cut complete with the roots, insects, and worms that call it home.

A tree puzzle becomes a fun challenge leading visitors to a better understanding of local forestry practices. A large house within the nature center intrigues intellects with green technology and the personal choices they can make to live responsibly. With an emphasis on interactives elements, this exhibition engages all senses and introduces local natural concepts to the minds of every visitors.



SOUTH CAROLINA STATE MUSEUM

State Parks Exhibition, Columbia, SC

EXHIBIT SIZE:

1,500 SQFT

SERVICES PERFORMED:

Exhibit Design, Fabrication, Text and Images, Dioramas, Sculpture, Interactives, Prototyping, Graphic Design & Production, Mural, Illustration, Multimedia Production and Hardware, Installation

From mountains to sea this exhibition calls its visitors to “Come out and play!” Entering the gallery, the cry of a broad-wing hawk draws visitors to Caesars Head State Park, high in the Blue Ridge Mountains. Following the sound of water, visitors head over to a display about Landsford Canal State Park. Here, amid a painted scene of the Catawba River, visitors can step into a canoe and imagine paddling through the park during the spring.

At the far side of the gallery a large curved mural shows a sweep of landscape from the ocean to the salt marsh and maritime forest. Against a backdrop mural of this beach scene, visitors can walk around a small-scale recreation of the iconic lighthouse.

AWARD WINNER



WEEDON ISLAND CULTURAL & NATURAL HISTORY CENTER *St. Petersburg, FL*

EXHIBIT SIZE:

5,200 Square Feet

SERVICES PERFORMED:

Fabrication, Casework, Models, Hand-Painted Murals, Dioramas, Interactives, AudioVisual Programs and Hardware, Graphic Production, Installation

DESIGNER:

Hilferty & Associates

Winner:

2008 NAI Best Interior Exhibit

The exhibits at Weedon Island Preserve combine large landforms, immersive environments, scale models, interpretive graphics, hands-on activities, AV programs, and artifacts to immerse visitors in the history, ecology, and archeology of the island.



Client References

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West Virginia Army National Guard
1707 Coonskin Drive
Charleston, WV 25311
304.561.6450

CERTIFICATION AND SIGNATURE PAGE

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.

ZMM, INC.

(Company)

ADRV ADM R. KRASON, PRINCIPAL

(Authorized Signature) (Representative Name, Title)

304.342.0159 ; 304.345.6144 01 JUNE 2016

(Phone Number) (Fax Number) (Date)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: DNR 1600000018

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further 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.

ZMM, Inc.
Company

JRK
Authorized Signature

01 - JUNE - 2016
Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.
Revised 6/8/2012



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

State of West Virginia
 Centralized Expression of Interest
 02 — Architect/Engr

Proc Folder: 202118

Doc Description: Addendum No.01; Workman Fish & Wildlife Education Center

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2016-05-24	2016-06-02 13:30:00	CEOI 0310 DNR1600000018	2

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

VENDOR

Vendor Name, Address and Telephone Number:

FOR INFORMATION CONTACT THE BUYER

Guy Nisbet
 (304) 558-2596
 guy.l.nisbet@wv.gov

Signature X

FEIN #

55-0676608

DATE

01-JUNE-2016

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



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

State of West Virginia
 Centralized Expression of Interest
 02 - Architect/Engr

Proc Folder: 202118

Doc Description: A/E for Claudia L. Workman Fish & Wildlife Education Center

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2016-04-28	2016-06-02 13:30:00	GEOI 0310 DNR1600000018	1

BID RECEIVING LOCATION

BID CLERK
 DEPARTMENT OF ADMINISTRATION
 PURCHASING DIVISION
 2019 WASHINGTON ST E
 CHARLESTON WV 25305
 US

INDOR

Vendor Name, Address and Telephone Number:

FOR INFORMATION CONTACT THE BUYER

Guy Nisbet
 (304) 558-2596
 guy.l.nisbet@wv.gov

Signature X

AO RK

FEIN #

55-0676608

DATE 01-JUNE-2016

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

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: Under W. Va. Code §5A-3-10a, 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: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. 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.

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.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"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.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: ZMM, Inc. (ZMM ARCHITECTS AND ENGINEERS)

Authorized Signature: [Signature] Date: 01. JUNE. 2016

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 1 day of June, 2016.

My Commission expires April 16, 2023.

AFFIX SEAL HERE

NOTARY PUBLIC [Signature: Jessica Wolfe]
Purchasing Affidavit (Revised 08/01/2015)

