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WOASIS	Jump to: PRCUID 🟦 Go 🚱 Home 🌽 Personalize 🚳 Accessibility 📴 App Help 🌾 About
elcome, Robert M Ross olicitation Response(SR) Dept: 0403 ID: ESR0711220000000137 Ver.: 1 Function: New Phase: Final Modified by batch , 07/12/20	Procurement Budgeting Accounts Receivable Accounts Payable
Header () 1	
General Information Contact Default Values Discount Document Information Clarification Request	E List View
Procurement Folder: 1050458	SO Doc Code: CEOI
Procurement Type: Central Contract - Fixed Amt	SO Dept: 0403
Vendor ID: 000000220792 🚖	SO Doc ID: DBS220000002
Legal Name: PARADIGM ARCHITECTURE INC	Published Date: 6/24/22
Alias/DBA:	Close Date: 7/12/22
Total Bid: \$0.00	Close Time: 13:30
Response Date: 07/11/2022	Status: Closed
Response Time: 7:58	Solicitation Description: EOI: Physical Education Building Renovations and Evaluations
Responded By User ID: paradigmwv	Total of Header Attachments: 1
First Name: Sheryl	Total of All Attachments: 1
Last Name: Snider	
Email: ssnider@paradigm-arch.	
Phone: 304-284-5015	



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

State of West Virginia Solicitation Response

Proc Folder:	1050458		
Solicitation Description:	EOI: Physical Education Building Renovations and Evaluations		
Proc Type:	Central Contract - Fixed Amt		
Solicitation Closes		Solicitation Response	Version
2022-07-12 13:30		SR 0403 ESR07112200000000137	1

VENDOR						
00000220792 PARADIGM ARCHITECTURE INC						
Solicitation Number:	CEOI 0403 DBS2200000002					
Total Bid:	0	Response Date:	2022-07-11	Response Time:	07:58:20	
Comments:						

FOR INFORMATION CONTACT THE BUYER Joseph E Hager III (304) 558-2306 joseph.e.hageriii@wv.gov			
Vendor Signature X	FEIN#	DATE	
All offers subject to all terms and conditions	contained in this solicitation		

and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Physical Education B Evaluations	uilding Renovations and			0.00
Comm	Code	Manufacturer	Specifica	ation	Model #
811015	508				

Commodity Line Comments:

Extended Description:

Physical Education Building Renovations and Evaluations



The West Virginia Schools for the Deaf and the Blind

Physical Education Building Renovations and Evaluation



Sealed Bid: Physical Education Building Renovations and Evaluation Buyer: Joseph E. Hager III Solicitation No.: CEOI 0403 DBS200000002 Bid Opening Date: July 12, 2022 Bid Opening Time: 1:30 PM



11 July 2022

Department of Administration Purchasing Division 2019 Washington Street East Charleston, WV 25305-0130

Attention: Mr. Josh Hager

Re: Expression of Interest - Architectural / Engineering Design Services The West Virginia Schools for the Deaf and the Blind Physical Education Building Renovations and Evaluation

Dear Mr. Hager:

Paradigm Architecture Inc. is pleased to submit this Expression of Interest for the Physical Education Building Renovations and Evaluation at the West Virginia Schools for the Deaf and the Blind. We are a local firm and have the appropriate project experience and ability to complete these projects.

Our proposal includes our Firm Profile, a brief History, References, staff Resumes, and a sampling of Projects. Paradigm Architecture is a full-service architectural firm with experience spanning a multitude of roofing types, window, and door replacement. We have completed several projects at Fairmont State University which included reroofing – renovations to Colebank Hall and the Education Building, three reroofing projects for the Alexander City (Alabama) Board of Education, one for Trussville City Hall, and one for the Russell Medical Center Surgery Addition (Alabama). We have worked on LEED-Certified projects utilizing white TPO roof systems. We were involved with the Sharp Hospital reroofing project in Weston, West Virginia. In addition, architect, specifications writer, and project manager Dave Snider has completed the Roofing Technology course with **The Roofing Industry Educational Institute** in 1995 as noted on his enclosed resume and will have a primary involvement on this project.

We have successfully completed a variety of work with colleges and universities, including student housing, parking garages, athletic centers, gymnasiums, offices, and student centers for West Virginia University, Fairmont State University, and Davis & Elkins College. The members of our project team also have experience with other higher education institutions while working at other firms. A few of these include the College of West Virginia, West Virginia State College, Wake Forest University, University of South Carolina, the University of North Carolina @ Charlotte, the University of North Carolina @ Wilmington, the University of North Carolina @ Greensboro, North Carolina State University, the University of Alabama, and the University of Alabama at Birmingham.

Included on our team to provide Mechanical, Electrical & Plumbing design is **Miller Engineering**. Miller has provided over \$17M in MEP engineering design services on a variety of project types including pool systems. We have had the opportunity to work together on many projects.

Paradigm Architecture is a service-oriented architectural design firm capable of taking a project from inception to completion through the phases of schematic design, design development, construction and contract documents, bidding/negotiation, construction administration, and closeout procedures. We are able to meet a client's needs and expectations while upholding the budget and project deadlines. It is our goal to provide a high level of personal service and design solutions that reflect the unique image and purpose of our clients. We welcome the opportunity to work with you on this project.

Best regards,

aul Walker, AIA, NCARB, President

2223 Cheat Road | Suite 300 Morgantown, WV 26508 T 304.284.5015 | F 304.284.5014 5184 Caldwell Mill Road | Suite 204351 Birmingham, AL 35244 T 205.403.2742

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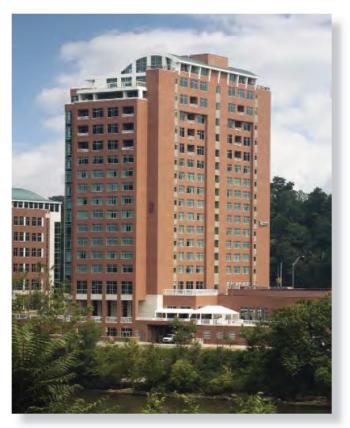
Miller Engineering - MEP | Pool

Executed Documents





3.1



Two Waterfront Place

Location/Date

Morgantown, West Virginia – 2002

Incorporated

Birmingham, Alabama - 2000

Board of Directors: N/A

Number of Employees: 10

Size/Location of Field Offices:

*Morgantown Office – 6 Birmingham Office – 4 *The Morgantown office is the principal place of business and place of performance of this contract.

Services

Architectural / Planning / Master Planning

Firm History

Paradigm Architecture was formed in October of 2000 by a group of likeminded individuals who believe that architecture provides the opportunity to practice the career that we love. We as individuals and as team members of a firm have a responsibility to exhibit that passion in the manner in which we live our lives.

We chose the name Paradigm because it means a model that serves as an example.

This represents our highest ideals...

that our architecture would serve as an example that our client service would serve as an example that our service to our God would serve as an example.

Originally established in Birmingham, Alabama, Paradigm Architecture expanded in 2002 by opening an office in Morgantown, West Virginia. Our staff of ten includes five registered architects, three architectural technicians, and two administrative assistants.

It is our belief that we should assemble consultants that are uniquely skilled to satisfy the particular requirements of a project. We have close professional relationships with many engineers and specialized consultants and choose those that we feel will best serve the technical specialization, location of the work and sometimes even personality of the client. We choose not to work with firms who do not share our commitment to service and quality.



West Virginia University Mountaineer Station

Morgantown Area Chamber of Commerce 2019 - Small Business of the Year Award Morgantown, WV Mylan Park Foundation 2018 – George R. Farmer, Jr. Award Morgantown, WV Alabama Masonry Institute 2004 – Top Block Award Russell Professional Office Building III Alexander City, AL Main Street Morgantown 2008 – Best New Construction Award Marina Tower, Morgantown, WV 2008 - Best New Office Award Spilman Thomas Battle, Morgantown, WV Pittsburgh Corning Glass Block 2004 - Circle of Design Excellence Award Lightning Strikes Family Fun Center Trussville, AL West Virginia American Institute of Architects 2010 – Honor Award Upper Monongahela River Center Morgantown, WV 2010 – Merit Award West Virginia University Transportation Center & Garage Morgantown, WV International Parking Institute Awards of Excellence 2011 – Honorable Mention Mountaineer Station (WVU Transportation Center) Morgantown, WV

Firm Profile

Paradigm by definition means an example that serves as pattern or model. The goal of Paradigm Architecture is to be an example in client service, design quality, and technical proficiency. We practice architecture. For every project, Paradigm works closely with the unique requirements of the particular client to design a structure that reflects both the appropriate image and proper function to optimize the working or living environment.

EXPERIENCE

Paradigm Architecture has experience in a broad range of project types. This work includes private individual, corporate, governmental, educational, and institutional clients.

Hospitality/Multi-Family Housing

Our multi-family housing experience spans a variety of client types including student dormitories, hotel project, elderly housing, and private residential including single family homes, townhouses, and high end condominiums. West Virginia University Downtown Housing, the Condominiums at Two Waterfront Place in Morgantown, WV, as well as the Glade Springs Resort and Conference Center in Daniels, WV, are a few examples.

Food Service

We have been privileged to design many food service facilites. These include private restaurants as well as large, full service commercial catering kitchens and banquet facilities. Examples include Two Waterfront Place Hotel and Conference Center, Morgantown Event Center, Regatta Bar and Grille, Boathouse Bistro, Sargasso Restaurant, Trussville Family Center, and Shono's Restaurant.



WVU Honors Dorm

Excellence in Construction by the Associated Builders & Contractors, Inc. 2020 - The Aquatic & Track Center@ Mylan Park Morgantown, WV 2019 – WVU Center for Hope and Healing Morgantown, WV 2016 – UClub Sunnyside Morgantown, WV 2015 - University Park Morgantown, WV 2014 – WVU College Park Morgantown, WV 2010 – Morgantown Event Center Morgantown, WV 2010 – GSA USDA Office Building Morgantown, WV 2010 – WVU Transportation Center and Garage 2007 – Waterfront Marina Morgantown, WV 2007 – Chestnut Ridge Church Morgantown, WV 2004 – Madden Student Center Davis & Elkins College Elkins. WV 2004 – Two Waterfront Place Hotel & Conference Center Morgantown, WV 2003 – The Jackson Kelly Building Morgantown, WV 2001 – Russell Cancer Center Alexander City, AL

Educational

Higher Educational experience includes administrative office space, parking facilities, student housing, libraries, student centers, athletic facilities, classrooms, and research laboratory facilities. We have worked on campuses that include: West Virginia University, Fairmont State University, Davis and Elkins College, The College of West Virginia, Hampden Sydney College, Wake Forest University, Ayers State Technical College, The University of North Carolina at Greensboro, and The University of Alabama at Birmingham. Paradigm's staff has also been involved in educational facilities at the elementary and high school level including new and renovated buildings.

Master Planning

Paradigm Architecture has successfully completed master planning for the Waterfront Development and Trinity Christian School in Morgantown, Avery Court in Parkersburg, and Glade Springs Resort in Daniels. In addition, we have performed master planning for Asian Plaza in Birmingham, AL, and have recently updated the master plan for Russell Medical Center in Alexander City, AI, as well as the West Virginia School of Osteopathic Medicine in Lewisburg, WV.

Corporate

Paradigm has designed entire office buildings as well as tenant fit-up spaces for clients such as Jackson Kelly PLLC, A.G. Edwards, Acordia, Petroplus & Associates Inc., National Biometric Security Project, Simpson & Osborne, DMJM Harris, and the West Virginia University Foundation. Projects also include banking regional and branch offices.

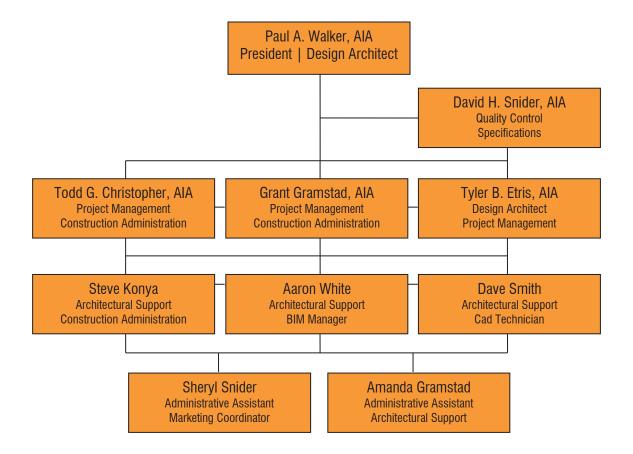
Heathcare | Institutional

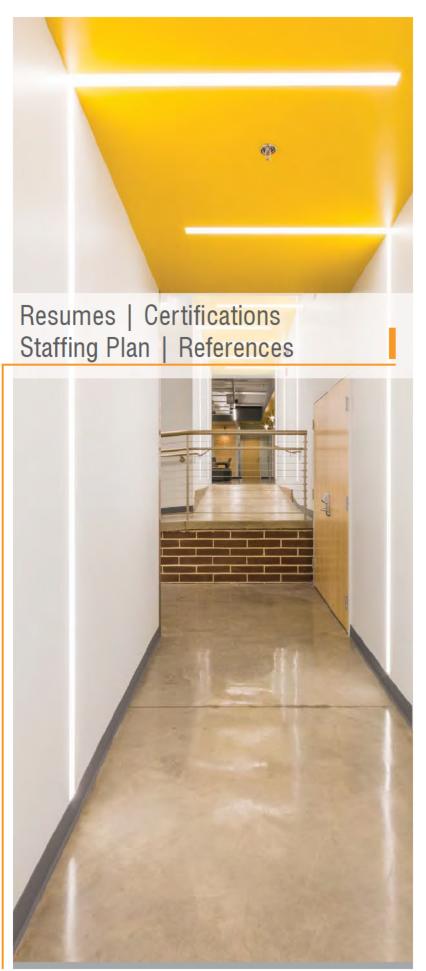
Medical and retirement life care projects dominate our staff's institutional portfolio. Medical projects include outpatient surgery centers, patient care rooms, emergency medicine, surgery suites, labor & delivery suites, Magnetic Resonance Imaging, X-ray diagnostic services, and heart catheterization spaces for hospital clients, radiation and chemotherapy treatment areas in cancer centers, and professional office space for private physicians. Retirement life care facilities range from independent elderly housing and assisted living facilities to full nursing care centers.

Governmental

Members of Paradigm have been involved in projects for the Federal Government in Charleston and Clarksburg, West Virginia. These commissions were awarded through design competitions and involved office space for Social Security, the Federal Bureau of Investigation, the Drug Enforcement Agency, the Small Business Administration, and hearing rooms for SSA Hearings and Appeals. Paradigm is also currently involved in several projects for the GSA in the Morgantown area.

PARADIGM ARCHITECTURE



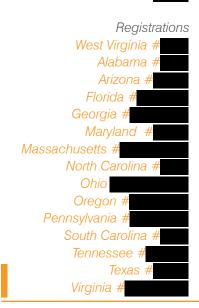


3.2/3.3.



Education Bachelor of Architecture University of Tennessee Knoxville, 1982

Affiliations American Institute of Architects NCARB #



Paul A. Walker, AIA

Principal-in-Charge

Paul has 39 years of experience as an architect and received his registration in 1986. He became a business owner in October 2000 when he created Paradigm Architecture. Paul's design responsibilities include programming, development of construction documents, project management, and construction administration. Among the variety of projects he has designed and supervised are: medical, commercial, corporate, educational, governmental, industrial, institutional, recreational, religious, and residential. The scope of projects ranges from a few thousand dollars to over 70 million dollars. Paul also has extensive experience with commercial and corporate facilities as well as higher education facilities while working at other firms in WV, NC, and AL.

Experience

Fairmont State University Hunt Haught Hall Window Replacement Renovation Fairmont, West Virginia

Fairmont State University Musick Library Roof Renewal Fairmont, West Virginia

Mountaineer Center & Education Complex - Aquatic/Track Facility Morgantown, West Virginia

WVU Milan Puskar Stadium Renovation Construction Administration Condiitoned Building; Outdoor Concourse Morgantown, West Virginia

University of Alabama at Birmingham Bartow Arena Basketball Locker Room Birmingham, Alabama

Davis & Elkins College Athletic Center Elkins, West Virginia

Fairmont State University Colebank Hall Renovations Fairmont, West Virginia

Canaan Valley Resort State Park Lodge Renovations & Addition Davis, West Virginia

Cacapon Resort State Park Lodge Expansion & Renovations Berkeley Springs, West Virginia

Multiple WVU Athletics Projects in Morgantown, WV: Wrestling Locker Room Renovations Coliseum Team Shop Renovation Coliseum 2nd Floor Administrative Offices Coliseum Upper Concourse & HVAC Upgrades Touchdown Terrace Club Addition Coaches' Locker Room Renovation Southwest Concession Stand Stadium Scoreboard Addition

West Virginia University Stadium Press Box Suites Renovation Morgantown, West Virginia





Todd G. Christopher, AIA

Project Manager

Todd's responsibilities have included development of construction documents and drawings, project management, marketing presentations, bidding procedures, and construction administration. He has a combined 19 years of experience in commercial, corporate, hospitality, educational, performing arts, healthcare, continuing care retirement communities, laboratories, industrial, institutional, sports facilities, and multi-family residential.

Experience

Canaan Valley Resort State Park Renovations & Additions Davis, West Virginia

Cacapon Resort State Park Lodge Expansion & Renovations Berkeley Springs, West Virginia

Morgantown Marriott at Waterfront Place Renovations Morgantown, West Virginia

West Virginia University - Parkersburg New Science Wing Fit-Up & Lab Classrooms Parkersburg, West Virginia

Monongalia General Hospital - Multiple Renovations Morgantown, West Virginia

Catawba Valley Medical Center Women's/Oncology* Expansion & Surgery Renovations Columbia, South Carolina

University of North Carolina at Greensboro* Petty Building Renovation Greensboro, North Carolina

North Carolina State University* Frank Thompson Hall Renovation Raleigh, North Carolina

The General Services Administration for the U. S. Department of Agriculture Office Building Morgantown, West Virginia

West Virginia University Medicine Communication & Health Disorders Program Build-Out/Renovation Morgantown, West Virginia

*Key Involvement in project with firm(s) other than Paradigm Architecture, Inc.

Education Master of Architecture Virginia Polytechnic Institute & State University Blacksburg, 2002

> Bachelor of Science in Engineering Technology Fairmont State College Fairmont, WV, 1999

Affiliations American Institute of Architects NCARB #

> Registrations West Virginia #





Education Bachelor of Architecture College of Architecture NAAB Accredited Program University of Tennessee Knoxville, 2011

Krakow Polytechnic University Krakow, Poland Spring, 2010

Affiliations American Institute of Architects First United Advisory Group

> Registrations West Virginia #

Tyler Etris, AIA

Project Architect

Tyler's responsibilities have included development of schematic design, design development, and construction drawings. Since joining Paradigm in 2007, Tyler has aided in the design of projects, when combined, add up to be over \$200 million. He also provides marketing support for proposals and presentations. Project types have included healthcare, commercial, corporate, educational, hospitality, institutional, multi-family housing, recreational, and retail.

Experience

Mountaineer Center & Education Complex - Aquatic/Track Facility Morgantown, West Virginia

WVU Wrestling Locker Room Renovations Morgantown, West Virginia

WVU Health Sciences Center School of Pharmacy Lab 2033 Renovation Morgantown, West Virginia

WVU B&E Startup Enginer & Accelerator Space Morgantown, West Virginia

Cacapon Resort State Park Lodge Expansion & Renovations Berkeley Springs, West Virginia

WVU Health Sciences Center Physical Therapy-Occupational Therapy Clinic Renovation Morgantown, West Virginia

WVU Health Sciences Center North 3rd Floor Renovation Morgantown, West Virginia

Canaan Valley Resort State Park Lodge Renovations & Additions Davis, West Virginia

WVU Health Sciences Center Jazzman's Cavanaugh's Morgantown, West Virginia

WVU Health Sciences Center School of Dentistry Urgent Care Renovation Morgantown, West Virginia

West Virginia University Intermodal Garage Morgantown, West Virginia

Mountaineer Station Parking Garage - WVUH Addition Morgantown, West Virginia

WVU Health Sciences Center Surgical Simulation Room Renovation Morgantown, West Virginia

WVU Health Sciences Center Medical Museum Morgantown, West Virginia



TYLER ETRIS

Name: Credential ID:

Expiration Status:

Expiration date:

Renewal Date:

ETRIS TYLER

Not Expired 2023-06-30 2022-06-21

SHOW ALL RESULTS FOR TYLER ETRIS

ВАСК

PRINT



David H. Snider, AIA

Quality Control | Specifications

Mr. Snider graduated from Auburn University with a degree in architecture and practiced in North Carolina before returning to his hometown of Birmingham, Alabama. As one of the founding members he has spent the last 21 years of his 38-year career with Paradigm Architecture. His responsibilities with Paradigm Architecture have included project management, construction documents, contract administration, and writing specifications. Project experience includes hospitality, educational, recreational, healthcare, churches, libraries, schools, historic office buildings, airports, and commercial facilities. David has extensive experience with healthcare facilities throughout the duration of his entire career and currently manages open-end contracts with Russell Medical and Lanier Memorial Hospital. These project types include cancer centers, medical office buildings, physical therapy, assisted living facilities, and major hospital renovations.

Experience

Mountaineer Center & Education Complex - Aquatic/Track Facility Morgantown, West Virginia

University of Alabama at Birmingham Bartow Arena Basketball Locker Room Birmingham, Alabama

Canaan Valley Resort State Park Renovations & Additions Morgantown, West Virginia

Fairmont State University Colebank Hall Renovations Fairmont, West Virginia

West Virginia University Greenhouse & Labs Morgantown, West Virginia

Cacapon Resort State Park Lodge Expansion Berkeley Springs, West Virginia

Fairmont State University Hunt Haught Hall Window Replacement Renovation Fairmont, West Virginia

Fairmont State University Musick Library Roof Renewal Fairmont, West Virginia

West Virginia University - Parkersburg New Science Wing Fit-Up & Lab Classrooms Parkersburg, West Virginia

Benjamin Russell High School Additions and Renovations Alexander City, Alabama

Davis & Elkins College Athletic Center Elkins, West Virginia

Trussville City Hall Flood Renovations to City Hall, Police, & Fire Departments Trussville, Alabama

Education Bachelor of Architecture Auburn University Alabama, 1984

Roofing Technology The Roofing Industry Educational Institute, 1995

Affiliations American Institute of Architects





B. Craig Miller, PE

Craig founded Miller Engineering in 2003, and serves as President and Principal Engineer. He has more than 20 years experience in design, specification, operations 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, allows him to serve in multiple capacities within a given project. Craig will serve as the "Relationship

Manager" for Miller Engineering as the main communication interface between the Owner, the design team, contractors and end users.

Project Role: Relationship Manager - Primary Point of Contact

- 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

Professional Project Highlights

- WVU Jackson's Mill Pool Replacement
- Tomlinson Run State Park Pool Repair
- Chief Logan State Park Pool Projects
- Mountainview Elementary School HVAC Upgrades
- North Elementary & Suncrest Middle Schools Gym HVAC Upgrades
- Greenbrier State Park Pool Replacement
- WV Capital Complex Chiller Plant Modifications
- Blackwater Falls State Park Spa Renovation
- Elkins DNR Operations Center Standby Generator
- WVU Life Sciences Building and Student Recreation Center Owner's Engineer
- Bluestone State Park Pool Replacement
- Cacapon Resort State Park Lodge Addition & Renovations Pool & Hot Tub
- Twin Falls Resort State Park Sprayground & Golf Pro Shop
- Pipestem McKeever Lodge HVAC Piping Replacement
- Beech Fork State Park MEP New Construction Design
- Cheat Lake Elementary & Middle School Renovations

Education

1995 West Virginia University BS- Mechanical Engineering

1988 University of Charleston BA- Mass Communications

Licenses and Certifications

- Professional Engineer (West Virginia, Pennsylvania)
- Licensed Master Plumber
- LEED-AP Certified





Travis Taylor, PE

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 millions in electrical construction budgets. His experiences encompass both new construction and renovation. Travis maintains professional competencies by attending seminars and continuing education classes. These include local ASHRAE classes in addition to classes on electrical systems, and also steam systems through Shippenburg Pump Company. 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.

Project Role: Lead MEP Engineer

- 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

Professional Project Highlights

- Blackwater Falls Lodge Boiler Replacement
- Greenbrier State Park Pool Replacement
- Bluestone State Park Pool Replacement
- Blackwater Falls State Park Spa Renovation
- Chief Logan Pool Renovation Projects
- Cacapon Resort State Park Lodge Addition and Renovations Pool and Hot Tub
- Twin Falls Resort State Park Sprayground & Golf Pro Shop
- North Elementary & Suncrest Middle Schools Gym HVAC Upgrades
- Mountainview Elementary School HVAC Upgrades
- Mineral County Judicial Annex Renovations (3 Bldgs)
- Camp Dawson FMS4 Fire Protection
- WV State Building 22 2nd Floor Renovations
- WV State Building 25 HVAC Piping Replacement
- Morgantown High School Area 4 HVAC Renovation
- Bobtown Elementary School HVAC Upgrades
- Holly River State Park Primary Electric Service Replacements Phase I & II
- Pipestem McKeever Lodge HVAC Piping Replacement

Education

2006 West Virginia University, BS – Mechanical Engineering

Licenses and Certifications

- Professional Engineer State of West Virginia
- OSHA 10-hour Course: Construction Safety & Health





Joseph Machnik

Joe has extensive experience with AutoCAD, MEP and Revit MEP. He provides design modeling, drafting and supervised design services and construction support for Miller Engineering.

Project Role: MEP Designer

- Revit/CADD Coordination of New Construction and Renovation Designs
- Building Information Modeling Specialist

Professional Project Highlights

- Bobtown Elementary School HVAC Upgrades
- Greenbrier State Park Pool Replacement
- Bluestone State Park Pool Replacement
- Tomlinson Run State Park Pool Repair
- Blackwater Falls State Park Spa Renovation
- Chief Logan Pool Renovation Projects
- Cacapon Resort State Park Lodge Addition & Renovations Pool & Hot Tub
- Twin Falls Resort State Park Sprayground & Golf Pro Shop
- North Elementary & Suncrest Middle Schools Gym HVAC Upgrades
- Mountainview Elementary School HVAC Upgrades
- WV State Building 25 HVAC Piping Replacement
- Blackwater Falls Boiler Replacement
- Suncrest Middle Gym HVAC
- North Elementary Gym HVAC
- Graftek Steam Systems Evaluations and Modifications
- WV State Building 25 HVAC Piping
- Pipestem McKeever Lodge HVAC Piping Replacement
- Westwood Middle Cooling Tower

<u>Education</u>

2008 Penn State – Fayette, AS - Building Engineering Systems Technology: *Building Environmental Systems Technology*

2007 Penn State – Fayette, AS - Building Engineering Systems Technology: Architectural Engineering Technology

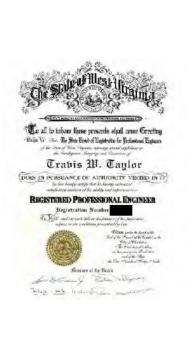
<u>Additional Training</u>

2016 - Shippenburg Pump Company - Steam Systems Training

Staff – Proposed Staffing Plan









West Virginia State Board of Registration

EXPIRES December 31, 2022

TRAVIS W. TAYLOR WY

The West Virginia Schools for the Deaf and the Blind

Paradigm Architecture Architecture | Interiors

Paul A. Walker, AIA - PIC | Design Architect | Relationship Manager Todd G. Christopher, AIA - Project Manager David H. Snider, AIA - Quality Control | Specifications Tyler B. Etris, AIA - Design Architect | CAD/BIM Production | Interiors

Miller Engineering, Inc. Mechanical/Electrical/Plumbing/Pool

B. Craig Miller, PE - Relationship Manager Travis Taylor, PE - Lead MEP Engineer Joseph Machnik - MEP Designer

References

Mr. Brad S. Leslie

Retired - WV Department of Natural Resources Parks and Recreation Section 324 Fourth Avenue, Room 203 South Charleston, WV 25303 (304) 541-9356 Brad.S.Leslie@wv.gov

Mr. Mark R. Nesselroad

CEO Glenmark Holding LLC 1399 Stewartstown Road, Suite 200 Morgantown, WV 26505 (304) 413-0497 mnesselroad@glenmarkholding.com

Mr. John Sommers

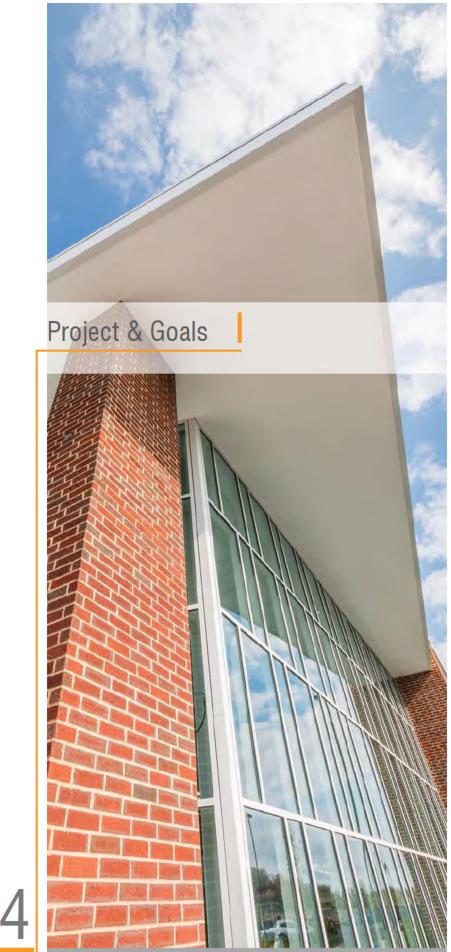
Retired - Formerly Construction Manager West Virginia University Facilities Planning & Construction 979 Rawley Avenue Morgantown, WV 26505 (304) 826-2856 jsommers@retiree.wvu.edu

Mr. Rich Lane

Petroplus & Associates, Inc. Platinum Properties Two Waterfront Place, Suite 1201 Morgantown, WV 26501 (304) 284-5000 Lane@petropluslane.com

Ms. Stephanie DeGroot

Construction Project Manager Physical Plant Fairmont State University 1201 Locust Avenue Fairmont, WV 26554 (304) 367-4401 Stephanie.DeGroot@fairmontstate.edu



3.4



Fairmont State University Education Building Roof



William R. Sharpe Jr. Hospital

2.1 Goal/Objective 1

Although roofing is a component of every new project, Paradigm Architecture has experience spanning a multitude of roofing types. We were involved with the following reroofing projects in West Virginia: Sharp Hospital, Weston; two USPS reroofing projects in Spencer and Salem; three for Fairmont State University - Wallman Hall Musick Library, Educational Building, and Colebank Hall; Mon Health Medical Center Cath Lab (included reroofing); and WVU Engineering Sciences Innovation Hub (included reroofing). We have completed three reroofing projects for the Alexander City (Alabama) Board of Education, one for Trussville City Hall, and one for the Russell Medical Center Surgery Addition (Alabama). We have worked on LEED-Certified projects utilizing white TPO roof systems. In addition, architect, specifications writer, and project manager Dave Snider has completed the Roofing Technology course with The Roofing Industry Educational Institute in 1995 as noted on his enclosed resume and will have a primary involvement on this project.

2.2 Goal/Objective 2

We understand the project will involve replacement of windows and doors to meet current codes. Paradigm has a great deal of experience with providing solutions for this situation. Below are a few projects where we have completed similar scope and work:

Fairmont State University

Hunt Haught Hall -window and door replacement,

- Wallman Hall Musick Library windows were reglazed and sealant put around the perimeter,
- Education Building installed new sealant around all the windows and doors.

Lakin Hospital - total window replacement.

U. S. Postal Service, Salem, WV - total window replacement.

WV Division of Natural Resources

Blackwater Falls Lodge Renovations - window and door replacement, Cacapon Resort State Park - window and door replacement.



2.3 Goal/Objective 3

Craig Miller of Miller Engineering has provided pool assessments for numerous projects for over 30 years. MEI will evaluate the pool based on the available information, such as drawings, and a detailed review of the existing pool. The evaluation will review the pool basin for condition and efficacy, inlets and outlets including skimmers and main drains, piping where visible, filtration and chemical disinfection systems, deck, associated restrooms, supporting mechanical, electrical, plumbing (MEP) system and overall condition in a holistic facility use and operations-based approach. The pool will be evaluated in terms of: Owner needs and goals, current ANSI/NSPI pool standards, WV Dept of Health Regulation, and the Virginia Graeme Baker Act, most recent revision. Factors related to the evaluation include: likelihood of a successful renovation, hidden issues based on many years' experience, codes and standards, and cost to renovate versus new construction. As an example, the pool at Tomlinson Run State Park was experiencing significant leaking and cracking at the tops of the pool walls. Miller Engineering provided a solution which included the installation of a new filtration system, gutter system, PVC liner, and addressed several longer-term concerns. Miller will provide this same level of expertise to the pool in the Physical Education Building.



Marina Tower and Upper Monongahela River Center

Design & Project Approach

Paradigm Architecture prides itself on providing excellent client service. When asked one time whether Paradigm Architecture was primarily a Design Firm or a Technical Firm, the response was simply "We are a Client Service Firm." Our portfolio of projects exemplifies this as the majority of our work comes from repeat clients. In addition to designing award winning projects, we are known for providing fast, local response, as well as personal attention to each and every project, no matter how large or small. The following pages are brief summaries of techniques used to maintain these valuable relationships.

Project Management

The Principal-in-Charge for this project will be Paul Walker. His impressive portfolio includes award winning designs for both large and small projects, including recent AIA Honor Award for the WVU College of Business and Economics Startup Engine project and the Merit Award for the Aquatic Center at Mylan Park, both of which are located in Morgantown, WV. Paul's approach to design involves practical, yet compelling solutions, to meet the client's goals. From embracing an historical context, such as his designs in the Morgantown Wharf District Redevelopment or embellishing the contemporary, progressive style of a corporate environment, such as the U.S. Department of Energy office building, Paul's designs have always received excellent reviews, and resulted in many repeat clients. Paul's personal attention will be prevalent throughout the duration of this project.



Morgantown Events Center

Paradigm's system of delivering projects involves direct, personal attention to every project, open communication between the Owner and Design Team, and innovative methods that push the boundaries of traditional architectural firms. Unlike most design teams, we feel that it is important for the Owner to have direct contact with the consultants on the design team. There will be scheduled meetings throughout the duration of the project where the Owner will have the opportunity to be directly involved with all aspects of the project's design. An organized flow of all communication and project management is of utmost priority. The design team has an established hierarchy in which each subconsultant will have a single Point of Contact with Paradigm Architecture's Project Manager. Paradigm Architecture will then in turn have a single Point of Contact with the Owner, who will then manage all of their internal flow of communication between the two parties. Paradigm Architecture has abundant experience in managing multiple projects with critical deadlines. Meeting these deadlines all starts with a clear definition of the schedule constraints. The ultimate project completion date is not the only date that should be targeted on the delivery schedule. Paradigm utilizes critical path method scheduling to define "Milestone" dates for the entire project. These include deliverables dates for various phases, design time, Owner's review, Agency and Authority having Jurisdiction Review, procurement time, and construction time. Rather than viewing the schedule as a linear process, it is of utmost importance to determine those items that fall on the "critical path." If those deadlines are missed, then the schedule must be adjusted immediately or the project will fall behind. We prefer to view the Schedule as a method of monitoring and control throughout the duration of the project. The entire design team and the Owner will be constantly informed and updated regarding schedule performance and corrective action will immediately be taken as necessary.



United States Department of Agriculture

Construction Contract Administration

In addition to the Project Manager, a Construction Contract Administrator will be assigned to each project. This individual will have extensive experience with the Client's established Design Guidelines and Standards and Construction Contract procedures. Unique to our firm, this person will have been actively involved with the project during design and will have firsthand knowledge of the project's design and construction documents. The Construction Administrator's roles will include managing and reviewing shop drawings, submittals, and RFIs for the entire design team. Additional roles include attendance at job site meetings, documenting construction progress and actively keeping the Owner informed through direct correspondence. The Contract Administrator will endeavor to have a good working relationship with the successful contractor bidding on the project to ensure that the project is a success for all parties involved.

All of our engineers and consultants perform construction administration including shop drawing review and site visits to observe mechanical/ electrical systems compliance with drawings and specifications. We believe the involvement of the design engineer during this phase allows for verification that the designed systems are installed as specified, and we have a consistent track record of providing quick response times to immediate issues that arise. In addition, we take advantage of electronic shop drawing reviews, videoconferencing, and web-based collaboration to provide expedited response for those consultants who are not immediate to the project site. All of our clients know that we are "just a phone call away" and readily available to address any need that they may have.

Project Closeout & Post Project Review

Project Closeout Procedures will involve inspections by all members of the design team for Substantial Completion, and again at Final Completion. Each team member will generate a punch list of items that are either deficient or need to be completed. Closeout Submittals are required on every project and include not only Operations and Maintenance Manuals, but also Record Drawings, Approved Shop Drawings/Submittals, Attic Stock, and Contact Information for all Subcontractors on the project. A careful review and confirmation of the Closeout Submittals will be conducted prior to approval of the Final Payment Application.

Paradigm encourages Post Project Review on all projects and will conduct a "post mortem" meeting upon request by the Owner. Key team members of the project will be present at this meeting, including but not limited to the Owner, Architect, and Contractor. We feel that these meetings are important so that all parties involved have the opportunity to provide constructive input and learn from the completed project.

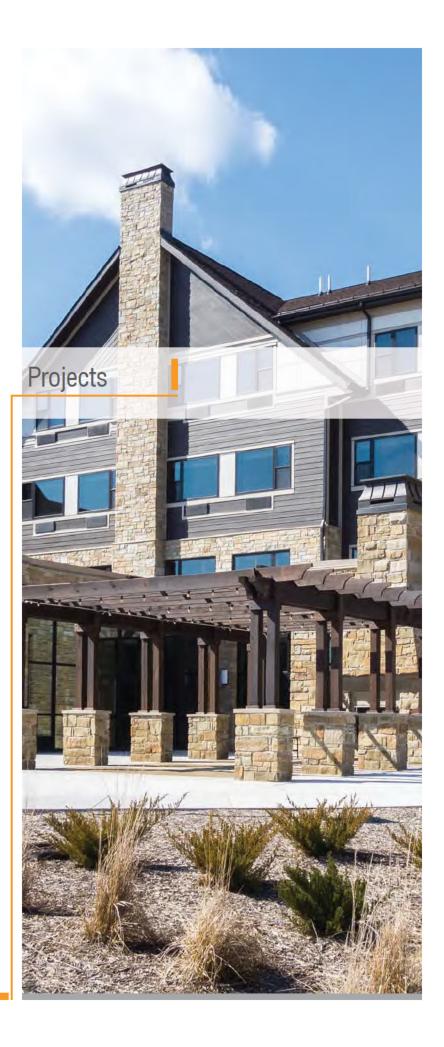


Fairmont State University Falcon Center

Existing Facilities Renovations

Renovations within existing facilities can be challenging, especially a facility that is occupied during construction. A thorough review of existing conditions is required for the area of the proposed work but also for occupied floors above and below the Work. Record drawing files should be updated, so the design and construction teams have accurate information to make the best decisions throughout the process. Field work documentation should include:

- Meeting with Owner to review any ongoing problems with the facility.
- Field verifications of record drawings; include engineering systems.
- Determine and discuss with Owner required building exits and general discussion regarding location of noise/dust partitions.
- If the proposed work is not located on an exterior wall, review options with Owner, how the Contractor should maintain negative air pressure in the work site?
- Document existing fire-rating methods for structure, including partition rating at fire exits or any specialty rooms that require firerated partitions. Locate fire extinguishers and if new work will require additional extinguishers.
- Review construction access to the site and building. Possible staging sites, if any. Other concerns might include, construction parking limitations and material deliveries.
- Document Owner-occupied areas and review times areas will be occupied.
- Review proposed changes to plumbing, mechanical and electrical system determine impact to owner occupied spaces. For example, plumbing changes might require work above finished ceiling of an Owner-occupied space below or above the proposed renovation.
- Review hazardous material such as asbestos, lead paints, etc.
- As the design develops, phasing drawings can be a useful tool to determine the best strategies to complete the project on time and in budget.







Fairmont State University Education BuildingMiscellaneous RepairsFairmont, WV

The Education Building originally constructed in 1994 and the roof area includes approximately 20,000 square feet. In addition to reroofing, the stone coping and masonry joints were cleaned, repaired, and caulked. Interior finishes were also selected that had been damaged by water infiltration. Miscellaneous exterior improvements were also completed such as column repairs, exterior stain removal, and window recaulking.

Owner: Fairmont State University Owner PM: Stephanie Slaubaugh (304) 367-4401 Cost: \$412,000 Size: 20,000 Square Feet Delivery Type: Design-Bid-Build with Competitive Bidding Contractor: Lombardi Development



Fairmont State University Hunt Haught Hall Renovations Fairmont, WV



Fairmont State University's continued growth created the need to update the Campus Master Plan and to resolve existing conflicts with the Americans with Disabilities Act. The renovations consisted of elimination of the pedestrian bridge and redesign of the front lobby including the monumental stairs and entrance doors.

Owner: Fairmont State University Cost: \$233,000 Delivery Type: Design-Bid-Build Contractor: Landau Building Co.



Fairmont State University Colebank Hall Renovations Fairmont, WV

This project consisted of various renovation projects to a historic classroom building originally built in the 1940s. Projects included Reroofing, Gymnasium Renovations, Classroom and Administrative Office Renovations, and a Data Center Build-Out.

Owner: Completed:	Fairmont State University Winter 2007	
Cost:	\$2,186,583	
Delivery Type:	Design-Bid-Build with Competitive Bidding	
Contractor:	Tmaro Corporation - Mark Owen (304) 842-6926*	
	Marks-Landau Construction - David Curry (724) 935-8800	
	Sutter Roofing - David Sutter (304) 624-6565	
	Tom Brown Contracting - Tom Brown (724) 743-0690	
Project Size:	42.200 SF	
Key Personnel:	Paul Walker, PIC David Snider, PA Steve Konya, CA	
Client	Stephanie Slaubaugh, Construction Project Manager	
Reference:	Fairmont State University - Physical Plant Office	
	1201 Locust Avenue	
	Fairmont, WV 26554	
	(304) 367-4401	
	sslaubaugh1@fairmontstate.edu	
	*no longer in business	





PROJECT DESCRIPTION

Program/Goals: Fairmont State University's goals included maintaining the historical character of the classroom building originally built in the 1940s. Other goals included functional program changes to the interior to accommodate growth and re-direction of the educational program in this building.

Reroofing Project: Removal and replacement of existing roofing system that was beyond its warranty and leaking.

Interior Renovations Projects: Interior renovations of gymnasium, classrooms, administration offices and data center included removal of selected existing partitions and finishes.

Solutions:

Reroofing Project: New roof system included rigid insulation to comply with energy code, membrane roofing, coping, flashings and replacement of existing expansion joint between Colebank Hall and adjoining facility.

Interior Renovations Projects: New work included code compliance review, new partitions, doors and finishes to accommodate the new program changes. Data Center includes a new raised access flooring. Adjustments and redesign to plumbing, mechanical and electrical system were completed to Owner satisfaction.

Project Completion with Respect to Schedule: The Colebank Hall Renovations finished on schedule with no schedule extensions.





Owner: West Virginia Division of Natural Resources Owner's Representative: Bradley S. Leslie, PE -(304) 541-9356 Completion: Winter 2021 Cost: \$30 Million Size: 63,669 square feet Delivery Type: Design-Bid-Build Competition Contractor: Paramount Builders

Cacapon Resort State Park Lodge Expansion Berkeley Springs, WV

Summary: Located in the eastern panhandle of West Virginia, Cacapon Resort State Park is available for both family vacations and business retreats, offering access to golf, lake, and camping activities. The facility functions as the main lodging and meeting center of the resort and offers a mix of hotel rooms and suites, and a conference center. The new addition provides an additional 79 guest rooms, swimming pools, new dining facilities and commercial kitchen, and a spa and fitness area. Additional renovations to the resort includes existing guest rooms, golf course upgrades, as well as water and wastewater treatment upgrades.

Program/Goals: Enhance guest experience by providing additional quality lodging, meeting and recreational opportunities. Upgrade aging utility systems to assure long-term operation of the park.

Solution: By master planning the entire complex and creating an addition that fulfills the functional goals while maintaining the architectural character of the original lodge.

Coordinated with the State Historic Preservation Office Eligible for National Register of Historic Places







William R. Sharpe, Jr. Hospital Reroofing Weston, WV

Paradigm Architecture has been involved with multiple maintenance projects with various facilities for the WV Department of Health and Human Resources. These renovations have included HVAC and electrical upgrades, as well as window replacements. Recent work to the William Sharpe, Jr. Hospital includes HVAC renovations as well as a current reroofing project.

Owner: WV Department of Health & Human Resouces Cost: \$1,548,822 Size: 93,868 Square Feet Contractor: DSO Mechanical



Benjamin Russell High School Additions and Renovations | Alexander City, Alabama

Renovations to the existing gymnasium include a new public entry and lobby space, locker rooms, training, gym flooring, bleachers, site work, and HVAC upgrades. Additional projects for Alexander City Schools include several reroofing projects at multiple facilities and other deferred maintenance needs.

Owner:	Alexander City Schools Board of Education	
Completed:	2011	
Final Cost:	\$2.5 M	
Delivery Type:	Design-Bid-Build	
Contractor:	D. Dean and Associates	
Project Size:	15,500 SF	





Trussville City Hall Flood Renovations to City Hall, Police, & Fire Departments Trussville, AL

After the flood of May 2003 which damaged the interior of several departments at City Hall, the City of Trussville contracted with Paradigm Architecture to design a new look for the City Hall, Police and Fire Departments. The project was a 10,700 square foot renovation on a tight schedule. Additional security was added at the City Hall with a glass wall separating the public from the offices. In the Police Department a new bullet-proof glass exchange window ensures the safety of the ticket clerk. Reorganization of the office work area made a more efficient use of space.

Paradigm provided design services for the reroofing of the existing City Hall and repairs to the EIFS in 2010. There were design improvements made on the parapet to reduce the chance of water leaks in the future. Problems with EIFS and drainage details were corrected. Overall, a general facelift was given to the exterior building envelope.

Owner: City of Trussville

Owner's Representative & Phone:

Lynn Porter, City Clerk (205) 655-7478 Cost: Did Not Disclose Size: 10,700 Square Feet Delivery Type: Design-Build-Negotiated Contractor: Powers and Associates

West Virginia Department of Health and Human Resources Projects

Lakin Hospital Capital Improvements Beckley, WV Window Replacement & Electrical Upgrade

> John Manchin Sr. Health Care Facility Fairmont, WV Electrical System Upgrade

Hopemont Hospital Terra Alta, WV HVAC & Electrical System Upgrade

Welch Community Hospital Welch, WV HVAC & Electrical Systems Upgrade

Mildred Mitchell-Batemann Hospital Huntington, WV **HVAC** Renovations

> Jackie Withrow Hospital Beckley, WV Mechanical Systems Upgrade

William R. Sharpe Jr. Hospital Weston, WV **Roof Replacement & HVAC Renovations**

> Completed: Spring 2012 Cost: \$3.5 Million

Jackie Withrow Hospital

William R. Sharpe Jr. Hospital













Mylan Park Aquatic Center & Track Complex | Morgantown, WV

The new 87,500 SF Aquatic Center is designed to accommodate a swimming and diving venue as well an indoor recreation pool. The competition side accomodates a 50-meter, 8-lane Olympic-quality swimming pool with moveable bulkhead allowing for subdivision into 2 pool areas for smaller competitions, classes and activities. This also includes a diving pool with a full 10-meter platform diving tower and springboard diving for one- and three-meter competitions. The facility can accommodate 1,200 spectators and features locker rooms, a safety center, administrative offices and classrooms. The indoor community recreation pool is designed for easy entry, splash activities, a lap pool area, and a water slide. The recreation pool is adjacent to the outdoor terrace featuring additional splash zone activities for children and lounging areas for patrons.

Adjacent to the Aquatics Center is a state-of-the-art track & field facility made up of a 10-lane track, seating for 1,000 spectators, and a 4,200-square foot Track Support Building. This building provides concessions, coaching and sales offices, storage, and restrooms on two levels to support the operations at the track and field for WVU and the community.

Owner: Mylan Park Foundation

Completed: Winter 2018

Initial Budget/Final Budget: \$37.9M/\$39M

Size: 87,500 Square Feet

Delivery Type: Design-Build Contractor: March-Westin Company, Inc.



Higher Education Experience

West Virginia University

General Open End Contract Satellite Campus Open End Contract Athletic Department Open End Conract

School of Dentistry Renovation B&E School Start Up Accelerator Space @ University Place Garage Communication Science & Disorders Program Build-Out/Renovation Student Housing Initiative Engineering Sciences Building - Innovation Hub Puskar Stadium Renovations Puskar Stadium Scoreboard Addition Coaches' Locker Room Renovation Stadium Press Box Suites Renovation Athletic Press Box Suites Renvation Wrestling Locker Room Renovation Health Sciences Center Museum School of Pharmacy Lab Renovation Health Sciences Center - Third Floor - North Wing Renovation College Park Housing Community University Park Housing Community Ag Sciences Greenhouse & Labs Vandalia Hall Stair Addition Connector Building & Site Plan Study Visitors' Resource Center Renovation Oglebay Hall Forensics Facilities Renovations Evansdale Campus Animation Honor's Hall Residence Hall Mountaineer Station Intermodal Garage Mountaineer Station Expansion Marina Tower—2nd & 4th Floor Upfits Administrative Offices Build-Out, Jackson Kelly Building Aduatics Lab Renovation Mounainlair Student Union Renovation Milan Puskar Stadium Touchdown Terrace Addition Milan Puskar Stadium Concession Stand Addition Coliseum Visitors Center Addition Coliseum Renovations/Additions - Team Shop & Phys Ed Dept. Coliseum Renovations - Upper Concourse & HVAC Upgrades Coliseum Renovations - Phys Ed Offices & Floor Concession Jackson Kelly Building—3rd Floor Upfit Stewart Hall General Counsel Renovations Stewart Hall Presidential Suite Renovations Study Data Center Relocation Study Creative Arts Center - Construction Administration Creative Arts Center Rehearsal Room Renovation College of Creative Arts Additions/Renovations Alumni Center Screen Wall









Higher Education Experience

One Waterfront Place Space Planning and Reconfiguration Health Sciences Center Physical Therapy-Occupational Therapy Clinic

West Virginia University—Beckley Barnes & Noble Store Renovation @ WVU Beckley Library

West Virginia University—Parkersburg New Science Wing—Lab Classrooms

West Virginia University—Potomac State Catamount Place Renovations

Fairmont State University

Parking Facility Data Center Expansion Colebank Hall Renovations Falcon Conference Center & Classroom Fitup Hunt Haught Hall Entrance Stairway Renovations Hardway Hall Portico Renovations Education Building Renovations McAteer Building Feasibility Study East-West Stadium Feasibility Study Morrow Hall Renovations Feasibility Study Parking Garage Facilities Assessment Roofing Evaluations on Multiple Facilities Hunt Haught Hall Greenhouse Renovations Hunt Haught Hall Window Replacement Renovation Musick Library Roof Renewal

West Virginia School of Osteopathic Medicine Campus Master Plan

Davis & Elkins College Madden Student Center The McDonnell Center for Health, Physical Education, and Athletics

University of Montevallo Peterson House Feasibility Study Peterson House Renovations Lovelady Building Feasibility Study Jeter Hall Feasibility Study Barnes & Noble Campus Bookstore Renovation

University of Alabama @ Birmingham Bartow Arena Basketball Locker Room Renovations

AT&T Services Direct Antenna Services - Telecommunications Room University of Louisiana @ Lafayette Cajun Dome DAS Louisiana State University @ Tiger Stadium Mississippi State University @ Davis Wade Football Stadium

Renovation & Upfit Experience

Paradigm Architecture has a solid history of renovation projects (200+), many of which have been for repetitive clients. Our clients can testify to our attention to detail and successful project management on their renovations, most of which have required the existing facilities to remain operational during construction. Our approach to renovations work typically involves an initial assessment of the existing facility, identifying critical needs, operational issues, life safety, potential environmental concerns, and infrastructure requirements. Next we will assist the client in conducting a feasibility study. Our feasibility studies will include cost estimating and phased planning scenarios for construction sequencing.

West Virginia University - Morgantown, WV

Business & Economics Startup Engine Upfit WVU School of Dentistry Complete Renovation Engineering Sciences Building Innovation Hub Shell Building Renovation Study Press Box Renovation School of Pharmacy Lab Renovation Health Sciences Center Museum **Oglebay Hall Forensics Lab Facilities Renovation** Aquatics Lab Renovation **Coaches Locker Room Renovation** Wrestling Locker Room Renovation Milan Puskar Stadium Renovation Construction Admin Milan Puskar Stadium Press Box Suites Renovation Milan Puskar Stadium Scoreboard Addition Milan Puskar Stadium Touchdown Terrace Addition Milan Puskar Stadium Concession Stand Addition Multiple Coliseum Renovations - Team Shop & Phys Ed Department - Upper Concourse & HVAC Upgrades - Phys Ed Offices Marina Tower - 2nd & 4th Floor Upfits Administrative Offices Build-Out - Jackson Kelly Building Coliseum Visitors' Center Addition Mountainlair Student Union Renovations Vandalia Hall Stair Addition Stewart Hall General Counsel Renovations Data Center Relocation Study Visitors' Resource Center Renovation Creative Arts Center Addition & Renovations Creative Arts Center Rehearsal Room Creative Arts Center – Construction Administration One Waterfront Place Space Planning and Reconfiguration

West Virginia University Hospitals - Morgantown, WV

Outpatient Behavioral Medicine Renovation POC Buildings - 2nd, 3rd, & 4th Floor Renovation Health Sciences Center Third Floor North Renovation Ruby Office Complex Renovation Cheat Lake Clinic ENT/MRI First Floor Renovation Anesthesiology Suite Renovation Ramada Inn Renovation Health Sciences Center PT-OT Clinic Renovation

Russell Medical Center - Alexander City, AL

Wound Care Center Parking Expansion Orthopedic Surgery Cath Lab Renovations Additions & Alterations Pharmacy Renovations Cancer Center Renovation MRI & Open MRI Addition Nurse Station Renovations Linear Accelerator Addition Lab Addition and Renovation Information Technology Suite Multiple Doctors' Offices (13+) Education Department Renovation Emergency Department Renovations Master Plan Sleep Lab ER Canopy Satellite Lab Eye Surgery PET Scanner Dialysis Suite Hospice House CT Renovations Women's Center Doctors' Parking Physical Therapy Pre-Admit Testing X-Ray Renovations Cafeteria Renovation

West Virginia University—Parkersburg New Science Wing—Lab Classrooms

West Virginia University—Potomac State Catamount Place Entrance Upgrade Renovations

West Virginia University—Beckley

Barnes & Noble Store @ WVU Beckley Library

West Virginia Division of Natural Resources

Cacapon Resort State Park Lodge Expansion & Park Improvements - Berkeley Springs, WV Canaan Valley Resort/Conference Center Renovations - Davis, WV Blackwater Falls State Park - Davis, WV

Fairmont State University - Fairmont, WV

Data Center Expansion Colebank Hall Renovations Falcon Conference Center & Classroom Fitup Hunt Haught Hall Entrance Stairway Renovations Hardway Hall Portico Renovations Education Building Renovations McAteer Building Feasibility Study East-West Stadium Feasibility Study Morrow Hall Renovations Feasibility Study Parking Garage Facilities Assessment Roofing Evaluations on Multiple Facilities Hunt Haught Hall Greenhouse Renovations Hunt Haught Hall Window Replacement Renovation Musick Library Roof Renewal

Renovation & Upfit Experience

Lanier Memorial Hospital - Alexander City, AL

ICU/Cardiopulmonary/Pharmacy/Classrooms & Offices Renovation

Surgery & OB Renovations Emergency Department Renovations Replacement CT Project

American Red Cross - Nationwide

West Park Drive Conference Room Fitup, Birmingham, AL Blood Services Distribution Center & Chapter Services Renovation, Chicago, IL

Blood Donor Center Renovation - Myrtle Beach, SC;

Virginia Beach, VA; & Madison, WI

Regional Blood Donor Center Renovations, San Diego, CA Interior Office Renovations to St Vardell Lane Facility, Charlotte, NC

Biomedical Lab Interior Renovations, Rio Pedras Facility, San Juan, PR

Relocation of Testing Support, Charlotte, NC

Relocation of Chapter Operations & Biomed Blood Donor Center, Springfield, MA

Alt Operations Site, Richmond, VA

IRL Renovations, Houston, TX

WV Department of Health and Human Services

- Window Replacement & Electrical Upgrade, Capitol Improvements, Lakin Hospital - Beckley
- Electrical System Upgrade, John Manchin Sr. Health Care Facility - Fairmont
- HVAC & Electrical Systems Upgrade, Hopemont Hospital -Terra Alta & Welch Community Hospital - Welch
- HVAC Renovations, Mildred Mitchell-Bateman Hospital -Huntington & Wm. R. Sharpe Jr. Hospital - Weston
- Mechanical Systems Upgrade, Jackie Withrow Hospital -Beckley

U. S. Postal Service - WV

Salem, WV Main Office HVAC Replacement Clarksburg, WV Finance Station HVAC Upgrade Clarksburg, WV Processing & Distribution Facility - Vehicle Maintenance Facility - Reseal Parking Spencer, WV Main Office Boiler Replacement Weston, WV Main Office Retaining Wall Addition Weston, WV Main Office Regrade Parking Lot Grafton, WV Main Office Front Steps & Handrails Fairmont, WV Main Office Repavement

Sodexo North America

Health Sciences Center Jazzman's at Cavanaugh's WVU Engineering Sciences Building Bits & Bytes University Place Apartments Market & Starbucks

*Key Involvement in project with firm(s) other than Paradigm Architecture, Inc.

University of Montevallo - Montevallo, AL Peterson House Renovations Barnes & Noble Campus bookstore Renovation

University of Alabama @ Birmingham

Bartow Arena Basketball Locker Room Renovations

Glade Springs Resort - Daniels, WV Hotel and Conference Center Addition/Renovation Clubhouse Renovation Leisure Center Renovation

Cellular Sales (a Verizon Retailer) - AL/FL Over 20 different interior/exterior renovations projects

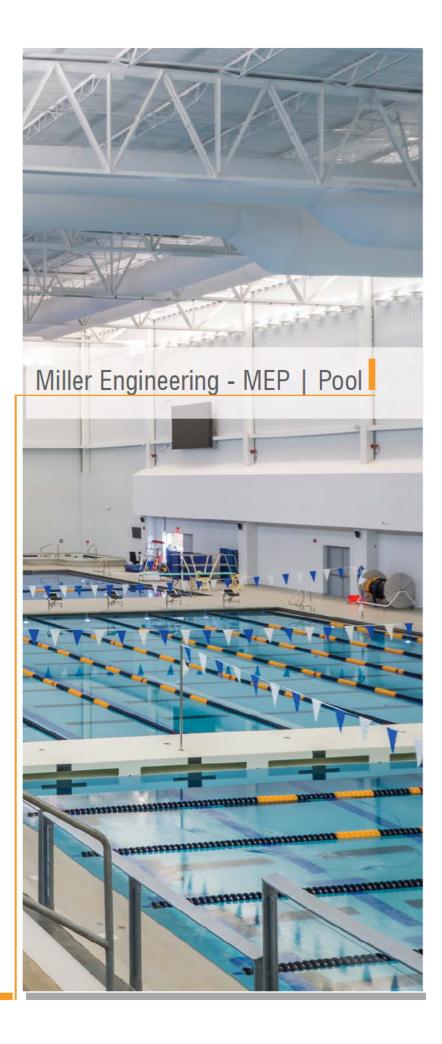
Mon Health Medical Center - Morgantown, WV

Pharmacy USP Renovation Echocardiogram Renovation Retail Pharmacy Renovation Lab Renovation (Blood Bank/Histology/Chemistry) Cardiology Office Renovation Microlab Renovation Family Birthing Center Renovation North Tower West AHU Renovation IT Office Renovation Kitchen & Loading Dock Renovation MRI Renovation Acuity Healthcare @ Mon Health Medical Center

National Oceanic and Atmospheric Administration Cyber Security Operations Center Expansion - Fairmont, WV Hampton Center Renovations - Morgantown, WV Beniamin Russell High School Addition/Renovations - Alexander City, AL MVB Insurance Upfit - Marina Tower - Morgantown, WV Domino's South Park - Morgantown, WV Frank Anthony's Pizza @ Beech View Place - Morgantown, WV Coyote Logistics Upfit - Birmingham, AL Morgantown Marriott at Waterfront Place Renovations - WV Marina Tower Upfit Suite 503 - Morgantown, WV GSA Tenant Renovations, Clarksburg, WV BTS Technologies Office Renovation - Homewood, AL Friendly Nail Salon Upfit - Morgantown, WV Smoothie King Upfit - Morgantown, WV AT&T Direct Antennae Services, Music City Center, Nashville, TN Charleston Federal Center Renovations - Charleston, WV*

Courtyard Marriott

Courtyard Blackstone Renovation, Ft. Worth TX Courtyard Clackamus Renovation, Clackamas, OR Courtyard Tucson Interior Renovation, Tucson, AZ





Firm Profile



MILLER ENGINEERING is a solely held (S) corporation owned by Craig Miller PE, President. The corporation maintains a Certificate of Authority with the WV State PE Board and has carried professional liability insurance since its inception. Neither the firm nor its professional engineers have ever faced disciplinary action in any form from the states in which they are registered.

Our engineered solutions involve a detailed assessment process: investigation, observation, communication with stakeholders, system analysis, building modeling and engagement from our entire team. We approach each and every project with this process and the guiding principle that buildings are designed to be livable and function in their intended purpose.

Over the past 19 years Miller Engineering, Inc. (MEI) has engineered solutions for MEP system upgrades, repairs and renovations for projects of all scopes and sizes, with clients ranging from private owners to local and state governments. With a strict attention to detail and commitment to delivering a job done well, and done right the first time, every time. **MEI has** accumulated a change order percentage of less than 0.1% over the past 11 years.



Our team has unique skill-sets regarding engineered renovation solutions. Each member of the team has hands-on mechanical system experience including installation, construction, design and maintenance.

Miller Engineering takes pride in being **different by design**, and that difference shines through in all phases of our work and continued relationships with our clients.

- Experienced and Licensed Professional Engineers
 - Quality, Value-Engineered Project Delivery
- Construction Contract Administration by Engineers
 - LEED-AP Certified
 - Below Industry Change Order Status
 - Building Information Modeling
 - Emergency Facility Response

Engineering Design and Consultation

- Mechanical
- Electrical
- Plumbing
- HVAC Design
- Renovation
- New Construction
- Building Information Modeling

Building Systems Design Renovations/ Adaaptive Re-use Code Compliance Indoor Air Quality Constructability

Construction Administration Maintenance/Facility Improvement Plans Contract Administration Code Observation

> Communication System Intercomm & Public AddressVoice/Data/CATV Urgent Response

Energy Power Supply (main & backup) Green & Renewable Consulting Systems Utilization & Upgrades Sustainable Solutions

Facility Utilization Systems Assessment & Solutions Adpative Re-use Planning/Life-Cycle Control Engineered Replacement

Life Safety Inspection/Design Fire Protection & Alarm Systems Access Control Fire & Electrical Investigation

Industry Experience Education Local & State Government Commercial Development Healthcare Department of Parks & Recreation Private

304-291-2234 (ext. 107) | 54 West Run Rd. | Morgantown, WV 26508 | www.MillerEng.net West Virginia | Pennsylvania | Maryland | Ohio



Descriptions of Past Projects Completed – Pool Repair

Tomlinson Run State Park

New Manchester, WV

Services Provided:

- Mechanical
- Plumbing
- Pool Systems

Estimated Budget: \$850k Facility Area: 15,000 ft² Owner: West Virginia Division of Natural Resources





Project Contact: Brad Leslie, PE Chief (ret) WVDNR Parks and Recreation (304) 389-7663

The existing pool was constructed in approximately 1980 by a local pool contractor. The owner indicated they were experiencing significant leaking and could not determine the precise cause. Additionally, the pool was experiencing significant cracking at the tops of the pool walls. The water slide was reportedly difficult to keep in operation due to various maintenance issues. The pool also had a rather unique CMU (concrete block) and tension rod wall configuration which was evaluated for the potential to perform an extensive repair. As part of the repair, the owner wished to significantly alter the depth profile of the pool and make the pool ADA accessible. The repair also included the installation of a new filtration system, gutter system, PVC liner and addressed several longer term maintenance concerns.



Descriptions of Past Projects Completed – MEP

North Elem. & Suncrest Middle Schools Gym HVAC Upgrades

Services Provided:

- Electrical
- Plumbing
- HVAC Design

Combined Budget: \$275k Owner: Monongalia County Board of Education

> Both of the gymnasiums at North Elementary School & Suncrest Middle School had no air conditioning, and were uncomfortable during school assemblies. MEI designed HVAC solutions to both schools under two separate projects. In both schools, MEI replaced existing heaters with new rooftop units. The existing ductwork was able to be re-used & modified, providing cost savings to the projects. MEI designed the new gym HVAC systems to be stand alone from the building heating & cooling system. This allows the schools to use the gyms for extra-curricular activities without conditioning the rest of the school, creating significant heating and cooling cost savings. Reports from both schools have been highly positive. We have received an "A" for our efforts.

Project Contact: Bob Ashcraft, Safety and PM (ret) Monongalia County Facilities Phone: (304) 276-0152



Descriptions of Past Projects Completed – MEP

Mountainview HVAC Upgrades

Services Provided:

- Mechanical
- Electrical
- Plumbing
- Fire Alarm

Estimated Budget: \$1.505M Contract Amount: \$1.559M Owner: Monongalia County Board of Education Status: Completed





Project Contact: Bob Ashcraft, Safety/PM (ret) Monongalia County Facilities Phone: (304) 276-0152 Monongalia County Schools' Mountainview Elementary School had HVAC systems which had exceeded their serviceable life spans. Mountainview Elementary School had the watersource heat pumps replaced in addition to the replacement of the boilers and cooling tower. The project revised the systems serving the gymnasium, adding ventilation and increasing comfort in the gym. The cafeteria systems were likewise revised for better performance and comfort through the use of an energy recovery ventilator. Also included in the project was the replacement of the building automation (BAS) systems.



Descriptions of Past Projects Completed – Pool Replacement

West Virginia University Jackson's Mill

Services Provided:

- Mechanical
- Electrical
- Plumbing
- Pool Systems

Estimated Budget: \$720k Facility Area: 12,800 ft² Owner: West Virginia University





Project Contact: Bob Merow, PDC WVU Facilities Management (304) 293-2875

The previous Jackson's Mill pool had exceeded its operational life and was losing 10-12" of treated water per day. Miller Engineering and ALPHA Associates designed a replacement which met the operational requirements of the state 4-H camp and its unique pool use. The pool has a unique ratio of wading to diving square footage as the owner wanted the pool to have a large 4' deep area for camper activities. This presented challenges for the MEP systems to ensure that the entire body of water would be re-circulated without the use of in-floor piping and inlets, which can be subject to freeze-bursting of piping. The combination supply tube/gutter perimeter system installed resolved the issue and has resulted in an exceptional facility.



Descriptions of Past Projects Completed – Pool Repairs

City of Grafton Grafton, WV

Services Provided:

- Mechanical
- Plumbing
- Pool Systems

Estimated Budget: \$70k Facility Area: 4,500 ft² Owner: City of Grafton





Project Contact: Busty Webber, Director of Public Works Grafton, West Virginia (304) 265-1234

The project included a complete re-design of the filter room equipment serving the existing main pool. The wading or "baby" pool was in poor condition, disliked by the public and suffering from chemistry problems due to poor circulation. Miller Engineering worked with the owner to upgrade the filtration system and install a chemical feed system on the main swimming pool. Miller Engineering, Inc. (MEI) designed a new wading pool which is zero grade entry, incorporates a water-spray feature and increases the play area of the pool. The redesigned wading pool now includes a castle with an interactive waterfall, as well as a new filtration system and chemical feed system which are located in a pump-house addition. MEI provided plans and construction guidance to permit the city to construct the new pool and associated pump-house using city workers, allowing substantial savings to the city.



Project Experience: Renovation

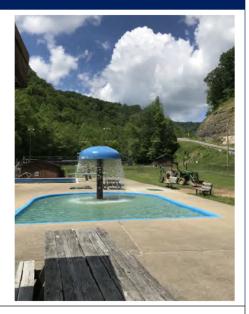
Chief Logan Pool Projects Services Provided:

- MEP Design
- Aquatic Design
- Estimating

Budget: \$294K Facility Area: 35,000 ft² Owner: West Virginia Division of Natural Resources



Project Contact: Roger Wolfe, WVDNR (304) 885-6100



Miller Engineering has completed two projects related to the Chief Logan Pool and Sprayground. The first project was to renovate the pool filter and equipment room. The pool and sprayground received a new filter and pumps. The piping in the equipment room was replaced. Also in the project was an upgraded electrical service including distribution panels. The following year, MEI was brought in to evaluate the sprayground mushroom feature, which had piping failure from water freezing in the lines. MEI designed a piping repair and the installation of a valve pit which allows the spraygrround to be isolated and properly winterized. Both projects have been completed successfully.



Descriptions of Past Projects Completed – Pool Replacement

Bluestone State Park Hinton, WV

Services Provided:

- Aquatic Design
- Plumbing
- Electrical

Estimated Budget: \$1M Facility Area: 56,000 ft² Owner: West Virginia Division of Natural Resources



Project Contact: Bradley S. Leslie, PE, Chief (ret) State Parks Section (304) 389-7663

The pool at Bluestone resides within the flood plain of Bluestone Lake and special consideration was required to actually allow the pool basin, if empty at the time, to flood to prevent it from "floating" should the lake level reach the pool. To our knowledge, the approach selected has never been utilized in the area before and was of our own design. The pool had experienced total basin failure and could not be filled completely during its last few weeks of operation in 2011. The project replaced the entire basin, wading pool and all equipment but the main pool filters. The beach area, which had been described as "prison like" due to concrete retaining walls, was reconfigured to increase sunbathing area. The wading pool incorporated a mountain fountain that was outside the pool with arched spray bars. An addition to the existing bathhouse gave a place for the wading pool equipment to reside.



Project Experience: MEP

Cacapon Lodge Addition & Renovation Pool And Hot Tub

Services Provided:

- Pool
- Electrical
- Plumbing
- HVAC
- Fire Alarm
- Fire Protection

Estimated Budget: \$26M Facility Area: 113,000 sq ft Owner: WV Department of Natural Resources

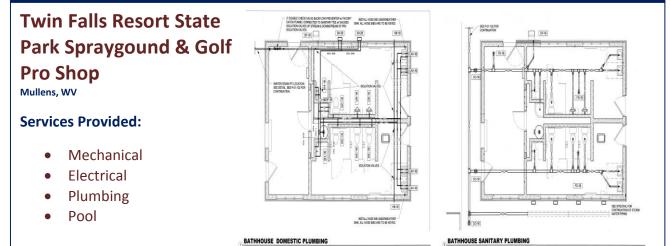
Project Contact: Barrow Koslowski, AIA NCARB, Chief WVDNR State Parks PEM (304) 558-2764



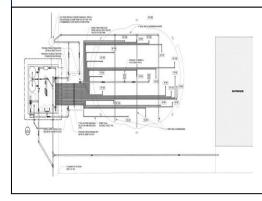
Miller Engineering & Paradigm Architecture teamed up to design the additions and renovations to the lodge at Cacapon Resort State Park. The addition consisted of the construction of approximately 80 guest rooms, conference rooms, kitchen dining, spa, and indoor pool. A new stainless steel gutter concrete/ plaster pool was installed in addition to a hot tub. The pool was designed with a chair lift to meet ADA. The hot tub is group sized with integral benches and jets in the plaster finish tub. The HVAC for the indoor pool was designed with dehumidification in mind, using duct sock along the exterior to "wash" the glass to reduce condensation, and used exhaust near the deck level to reduce chloramines which settle to just above the pool water line. Both in-pool wall and ceiling lighting designed to adequately illuminate the pool and deck surface and minimize glare at the water surface. MEI and Paradigm carefully coordinated construction around the pool to keep a tight vapor barrier around the indoor pool space to reduce moisture transfer into adjacent spaces.



Descriptions of Past Projects Completed – MEP, Pool



Owner: WV DNR



Project Contact: Roger Wolfe WV DNR (304) 885-6100 MEI worked with Chapman Technical Group to design the replacement of the Pro Shop for the golf course and the construction of a new bathhouse and sprayground at Twin Falls Resort State Park. Both facilities required bringing power and telecommunications from the lodge and coordinating with utility companies. The pro shop includes retail space, offices, and locker room / shower rooms. The sprayground is made up of fifteen separate features and includes a pre-fabricated enclosure to house the filters, pumps, and controls for the sprayground features, which are activated via touch sensor panels. The bathhouse includes men's and women's restrooms and showers and a ticket office with future provisions of a small concession area. The project is currently under construction with an anticipated completion in Fall 2022



Descriptions of Past Projects Completed – Renovation

Blackwater Falls State Park Lodge Renovations Davis, WV

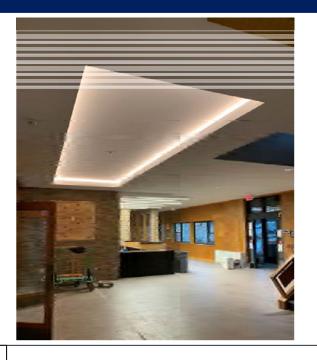
Services Provided:

- General Trades
- Plumbing
- Electrical
- Mechanical
- Pool

Const. Cost: \$4.6 Mil Facility Area: 44,000 ft² Owner: West Virginia Division of Natural Resources



Project Contact: Barrow Koslosky, AIA – Chief of PEM WV DNR Phone: (304) 558-2764



MEI was part of a design team with Paradigm Architecture to design the interior renovations to the lodge at Blackwater Falls State Park. All 54 lodge guestrooms were completely renovated with new finish, HVAC, and bathroom upgrades. Four of the guestrooms were modified to meet modern ADA guidelines. The lobbies, reception area, and dining rooms were upgraded with new HVAC, lighting, and finishes. The original finned tube radiant was replaced with new 4 pipe fan coil units and were tied into the boilers which were recently replaced by a previous MEI project.

A new chiller was installed with pumps and chilled water piping to the fan coil units. The guest rooms HVAC systems are fan coil units with ventilation served by make-up air units. Energy recovery ventilators pre-condition outside air to make the make-up air units operate more efficiently. The lodge was re-opened in January 2022.



Descriptions of Past Projects Completed – Pool Replacement

Greenbrier State Park Eastern, WV

Services Provided:

- Aquatic Design
- Plumbing
- Electrical

Estimated Budget: \$760K Facility Area: 5,500 ft² Owner: West Virginia Division of Natural Resources

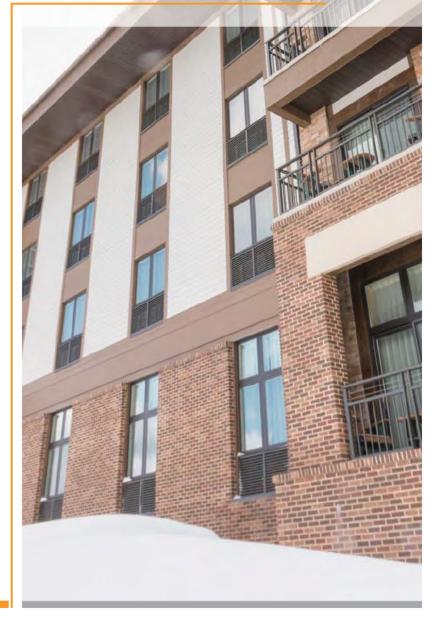




Project Contact: Bradley S. Leslie, PE, Chief (ret) State Parks Section (304) 389-7663

A field study and assessment determined that several plumbing and mechanical systems were inadequate and needed more efficient, codecompliant replacement. The goal of the project was to efficiently use existing piping tunnels that were in good condition and place a new basin within the existing one in order to meet budget demands. The innovative isolation method saved on excavation cost and construction time. New filtration and heating systems were designed for the wading pool and an attractive aquatic design element was also added to increase water movement. The filtration and heating systems were sized and configured not just for the existing pool but also to accommodate a larger pool renovation that was planned during our design process and implemented the following year. High-rate fiberglass sand filters provide circulation and filtration of the pool water.

Executed Documents





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

State of West Virginia Centralized Expression of Interest Architect/Engr

Proc Folder:	1050458	Reason for Modification:		
Doc Description:	EOI: Physical Education Building Renovations and Evaluations			
Proc Type:	Central Contract - Fixed Amt			
Date Issued	Solicitation Closes	Solicitation No	Version	
2022-06-24	2022-07-12 13:30	CEOI 0403 DBS220000002	1	
BID RECEIVING LOCATION				

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

VENDOR

Vendor Customer Code: 501151510

Vendor Name : Paradigm Architecture, Inc.

Address : Suite 300

Street: 2223 Cheat Road

City : Morgantown

State : West Virginia

Principal Contact : Paul A. Walker, AIA

Vendor Contact Phone: (304) 284-5015

Extension: 1

FOR INFORMATION CONTACT THE BUYER Joseph E Hager III (304) 558-2306

joseph.e.hageriii@wv.gov

Vendor Signature X FEIN# 63-1263568

DATE 11 July 2022

Zip: 26508

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

Country : USA

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

(Name, Titl	e) president
(Printed Na	me and Title) Paul A. Walker, AIA, President
(Address)	2223 Cheat Road, Suite 300
(Phone Nur	mber) / (Fax Number) <u>(304) 284-5015/(304) 284-5014</u>
(email addr	ess)pwalker@paradigm-arch.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation/Contract 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/Contract for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

Paradigm Architecture, Inc.		
Company		
(Authorized Signature) (Representative Name, Title)		
Paul A. Walker, AIA, President (4/25/22)		
(Printed Name and Title of Authorized Representative) (Date)		
(304) 284-5015 / (304) 284-5014		
(Phone Number) (Fax Number)		
pwalker@paradigm-arch.com		
(Email Address)		

ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION NO.:

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)

Addendum No. 1	Addendum No. 6
🗖 Addendum No. 2	🗖 Addendum No. 7
Addendum No. 3	Addendum No. 8
Addendum No. 4	Addendum No. 9
Addendum No. 5	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.

Paradigm Architecture, Inc.

Company Authorized Signature 11 July 2022

Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.



2223 Cheat Road | Suite 300 Morgantown, WV 26508 T 304.284.5015 | F 304.284.5014

5184 Caldwell Mill Road | Suite 204351 Birmingham, AL 35244 **T** 205.403.2742

