



CEOI 0603 ADJ2400000005

**WV Army National Guard
Martinsburg Readiness Center
Addition/Alteration Design EOI**

 **McKINLEY**
ARCHITECTURE + ENGINEERING

in association with:



BARBER & HOFFMAN, INC.
Consulting Engineers

24 June 2024

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

RECEIVED

2024 JUN 25 AM 9:54

WV PURCHASING
DIVISION

RE: CEOI 0603 ADJ2400000005 - Martinsburg Readiness Center Addition/Alteration Design EOI

Dear Mr. Pauline and Members of the Selection Team,

McKinley Architecture and Engineering, Civil & Environmental Consultants, and Barber & Hoffman (*McKinley Team*) have teamed up again, and are pleased to provide the West Virginia Army National Guard, Construction and Facilities Management Office with our proposal to provide architectural and engineering design services for the Martinsburg Readiness Center Addition / Alteration Design project. As you review this submission, we emphasize the following strengths of the McKinley Team with respect to your project:

McKinley Architecture and Engineering is a **full-service architectural and engineering firm** that has been providing design services since 1981. With offices in **Martinsburg**, Wheeling, and Charleston, WV and Pittsburgh, PA, we support a professional staff of **over 55 employees** which includes **Architects, Engineers, Project Managers, LEED Accredited Professionals, Interior Designer, an AIA Safety Assessment Program (SAP) Evaluator, Construction Contract Administrators**, and more. Our architects, engineers, and technicians are all in-house, creating optimum communication and collaboration, which results in outstanding service to our clients.

We are excited to announce that for the **2nd consecutive year** we are a member of PSMJ's **2022 Circle of Excellence** as one of the **top-performing Architecture and Engineering firms in the nation**. We are also a winner of PSMJ's **2023 A/E/C Employer of Choice Award**, the industry's premier recognition of firms that have mastered workforce retention and productivity by achieving the highest level of employee engagement. We've made the **Building Design + Construction's 2023 Giants 400 Report** as a Top Architecture/Engineering Firm. Furthermore, we are also pleased to announce that for the **4th consecutive year**, McKinley **nationally ranks** and appears on the **Inc. 5000 list** the **most prestigious ranking of the nation's fastest-growing private companies**.

We have experience with **various Public Safety architectural and engineering projects**, which you will see throughout our proposal. This diverse portfolio of emergency facilities experience ranges from **National Guard** projects, public safety facilities, emergency operations centers, E-911 communications centers, firehouses/fire stations, a state fire training academy, EMS / ambulance authorities, police departments, Sheriff's department, and State Police and among others.

From these experiences, we have gained the knowledge to realize the **specialized multi-purpose nature of these critical facilities**. Some of the specialized scope we have designed for includes: sensitivity to the people using the facility, safety and security, public access vs. control access, force protection, cost and energy efficiency, uninterruptible power supply (UPS) and backup power generators, compliance with current building codes, flexible environments and expandability of structure for growth in services and operations, room layouts and efficient use of space, and more.

Civil & Environmental Consultants is an engineering and environmental consulting firm with more than 1,400 team members and 33 offices nationwide. They will provide services out of their **Martinsburg, WV** office. We will utilize them for **Civil / Site Engineering, Surveying, and Geotechnical Engineering**. Their Civil Engineering practice touches all aspects of the built environment: planning and design, permitting, construction, and operations. Their surveyors and geospatial specialists collaborate with engineering and environmental professionals to streamline the design, permitting, and construction processes by capturing data via land, water, and air. CEC is consistently ranked on **Engineering News-Record's annual lists of the Top Design Firms and Top Environmental Firms** in the nation.

Barber & Hoffman, our **Structural Engineering consultant**, has been providing engineering services to clients since 1934. B&H is rich with a versatile staff of registered **Professional Engineers**, EI's, technicians, as well as **LEED Accredited Professionals**. They have undertaken many special projects that require critical thinking and innovative solutions, and has risen to the occasion of meeting their clients' special needs. They have worked on **National Guard projects**. In addition, B&H has worked on several projects with McKinley.

In closing, one of the more exciting aspects of our job is **listening to you**, our client, in how you envision this project, and transforming your ideas into realities. This can only be accomplished by effectively working together with you. Most of our clients are repeat, which is a good indication of the services we provide. The main reason we have been able to maintain this relationship is because **we listen to their needs, and then deliver**. We encourage you to speak with our references because we feel this is the best way that our abilities can be conveyed to you.

We love what we do, so we care about the results you get. We are ready to begin **immediately** and can work to your schedule to get this project designed and constructed. Thank you for reviewing our submission and considering the McKinley Team for your project. We are very excited about the possibility of working with the West Virginia Army National Guard again.

Sincerely,



Ernest Dellatorre

Director of Business Development
McKinley Architecture and Engineering
(304) 830-5359
edellatorre@mckinleydelivers.com

FIRM PROFILE

HISTORY

Founded in 1981, McKinley Architecture and Engineering is a multi-discipline full service A/E firm of 55 employees offering comprehensive professional services in architecture, mechanical-electrical-plumbing engineering, project management, interior design, safety evaluation, planning, and construction contract administration.

We have a broad range of skill and experience for projects involving emergency response facilities, public safety, governmental, municipal, wellness and health care, training, sustainable and energy efficiency, commercial, education, and industrial markets.

McKinley has made the 2020, 2021, 2022, and 2023 Inc. 5000 lists of the nation's fastest-growing private companies.

We qualified for PSMJ's 2022 and 2023 Circle of Excellence as one of the top-performing Architecture and Engineering firms in the nation, and PSMJ's 2023 A/E/C Employer of Choice Award.

We also made the Building Design + Construction's 2023 Giants 400 Report as a Top A/E Firm.



OFFICES

Martinsburg

300 Foxcroft Avenue, Suite 306
Martinsburg, WV 25401 • (681) 247-5618

Wheeling

Fort Henry Building
1324 Chapline Street, Suite 400
Wheeling, WV 26003 • (304) 233-0140

Charleston

129 Summers Street, Suite 201
Charleston, WV 25301 • (304) 340-4267

Pittsburgh

5000 Stonewood Drive, Suite 220
Wexford, PA 15090 • (724) 719-6975

CONTACTS

Ernest Dellatorre

Director of Business Development
edellatorre@mckinleydelivers.com
(304) 830-5359

John R. Jefferis, LEED AP, CCM, MPM

Director of Project Management
tworlledge@mckinleydelivers.com
(304) 238-9410



SERVICES

- Architecture
- Engineering
- Architectural/Engineering Design
- Project Management
- Interior Design
- Sustainable Design
- Historic Preservation
- Construction Contract Administration
- SAP Safety Evaluation
- Learning Environment Planning
- Educational Facility Planning

ASSOCIATIONS

McKinley Architecture and Engineering is a member of the following organizations:

A4LE (Formerly CEFPI), ACI International, AIA, ASCE, ASHRAE, ASPE, AWI, BOCA, NCARB, NFPA, WVEDC, and more.

PROJECT MANAGEMENT

Our Project Managers are skilled professionals in the following areas:

Defining scope and the initial planning of a project are the foundation of a successful project. Project Managers collaborate with clients, principal architects, and design teams to understand project requirements. They are responsible for Scope Management. Throughout the project, they continuously assess and refine the scope, ensuring it remains aligned with the project's goals. They address any changes or deviations promptly with all stakeholders.

Project Managers create detailed financial plans, estimating costs for materials, labor, and other project elements. They track expenses, manage budgets, and allocate resources efficiently. Keeping the project within budget is critical and an ongoing focus of the Project Manager. Project Managers monitor expenses, negotiate contracts, and make informed decisions to avoid cost overruns.

They develop comprehensive project schedules, breaking down tasks and milestones. This involves coordinating with design teams, consultants, and contractors. Project Managers ensure that each phase progresses according to the timeline. They address delays promptly, adjusting schedules as needed.

Project Managers foster collaboration, resolve conflicts, and ensure everyone works cohesively. Architects collaborate with various consultants (structural engineers, MEP specialists, etc.). Project Managers facilitate effective communication between these experts, ensuring seamless integration of their contributions.

In summary, their multifaceted role combines creativity, leadership, and meticulous planning to transform architectural visions into reality.



ARCHITECTURE / ENGINEERING

At McKinley Architecture and Engineering, we pride ourselves on being the best. Clients choose us for their design projects because they want to have the confidence that comes from working with an industry leader. They trust McKinley Architecture and Engineering to get projects done right, within budget and on schedule. That's because the firm's highly experienced, diversified staff is equipped with the latest technology and is on the job from start to finish.

Architectural design today is meeting of minds. At McKinley Architecture and Engineering, a talented range of professionals work together to deliver projects on time, on budget, and with a high degree of personal attention. We believe that design is an evolutionary process where client and architect learn from each other through frequent communication. Understanding budgets, schedules, goals and ideals, we pursue the optimum balance of these forces in the design of buildings.

McKinley Architecture and Engineering has also provided **engineering design** and **contract administration services** for numerous clients as well as other design firms. Our engineering staff has had special opportunities and experience related to various typical and atypical building types. Our engineering department has designed the first Chilled Beam HVAC System in West Virginia, a Variable Refrigerant Volume / Air-Cooled DX Multizone System with a cost reduction of 30% compared to existing mechanisms, and a building with all interior and exterior LED lighting which came in for the same cost as conventional lighting, just to name a few. We have a well rounded range of experiences and are not afraid to take on new challenges.

CONSTRUCTION CONTRACT ADMINISTRATION



- Construction Contract Administrator Involved from the Beginning of the Design Phase
- Observe the Construction Progress
- Liaison between the Owner, Contractor, and Architects/Engineers
- Responsible for All Construction Progress Meetings and Minutes
- Monitor the Construction Schedule
- Ensure that the Contractor is Following the Construction Documents
- Verify Pay Application and Change Orders
- Typically On-Site Once Every Two Weeks

Our **Construction Contract Administrators** have an extra responsibility than what most firms' Construction Administrators have; our CAs are a part of the design process from **Day 1** (they are not thrown into the project only when construction starts; they are here from the beginning), so they know the ins-and-outs of the project.

Our CAs have an important role as being the **liaison between the Owner, Contractor, and Architect.**

The primary objective of the Construction Contract Administration services is to ensure completion of work the way the client wants it - **as scheduled and as budgeted.**

Our CAs evaluate the quality of the work to verify that it meets the level required by clients; in addition, they monitor the contractor's progress to ensure that they are following the Construction Documents. They observe the construction progress, are responsible for all construction meetings and minutes, and they verify pay application and change orders.

The Construction Contract Administrator is typically on-site once every two weeks, but we can provide additional on-site representation if requested.

SUSTAINABLE DESIGN

Buildings designed today will need to meet the demands of the future. McKinley is positioned to identify and meet the demands. This approach helps to retain the buildings' long-term profitability. McKinley approaches ecological design from a business perspective, offering proactive solutions to complex problems such as indoor air quality, energy efficiency, resource depletion, and water quality.

With commercial, governmental, office, and educational project experience, the McKinley team can work alongside local designers to provide sustainable design and construction guidance, offering full architectural design services and guided design workshops on sustainable design issues.

Our Philosophy is to provide our clients with experienced leadership and innovative design expertise to accomplish the goals of the project. Function, economics and versatility, as well as, strong aesthetic appeal which are crucial elements in the design process. McKinley believes that enhancement of the physical environment adds significantly to the enjoyment of life. We have dedicated our professional skills to attain these goals.

The Leadership in Energy and Environmental Design (LEED) Green Building Rating System developed by the U.S. Green Building Council is the nationally accepted standard for the design, construction, and operation of high performance green buildings.

McKinley was the first organization in West Virginia to join the USGBC. We have several LEED Accredited Professionals on staff, including three LEED APs who are specialized in Building Design & Construction. These professionals, along with skilled architectural/

engineering team, can efficiently and cost effectively achieve certification under this standard. McKinley can guide you through the process in order to develop sustainability goals specific to your project.

McKinley was presented with the 2019 Governor's Award for Leadership in Buildings Energy Efficiency at the Innovation & Entrepreneurship Day. We were recognized for our commitment to sustainability and energy efficiency in the design of schools, multi-use facilities, office buildings, and a wide variety of commercial, industrial, government, and historical structures.

Our sustainable designs have also won two U.S. Department of Education Green Ribbon Schools, a Gold Medal Green Building Award by Building of America, WV Department of Environmental Protection's Clean Energy Environmental Award, and two Black Bear Awards for the Highest Achievement for the WV Sustainable Schools program, among other.

We also have a project that is Collaborative for High Performance School (CHPS) Registered; the United States' first green building rating program designed for schools.

McKinley has designed four projects listed on the U.S. Environmental Protection Agency's ENERGY STAR program: Building 55: West Virginia State Office Building in Logan, Hilltop Elementary School, Cameron Middle/High School, and Johnson Elementary School. To receive an ENERGY STAR, you need to perform in the top 25% of the most energy efficient projects in the program. Building 55: West Virginia State Office Building is one of the most energy efficient buildings in the State and is in the Top 5% of all Energy Star rated buildings in the country.



INTERIOR DESIGN

Interior design services begin with a strategy session to determine the owner's project requirements, timetable, and budget. The interviews will include analyzing space requirements, operating procedures, communication relationships, and future needs. An inventory of existing conditions is used to develop accurate drawings and plans.

The current ADA and building codes will be applied to the developed plans for wayfinding (signage, directories, fire escape plan), furnishings, and finishes. Attention to budget and maintenance is given in relationship to owner needs.

Construction documents required to detail the project include schedules, elevations, plans, presentation boards, and specifications. To maintain coordination, the follow-up contract administration consists of a submittal review, post-construction evaluation, and coordination of FF&E contracts when applicable.

We can also design for energy efficiency and sustainability. For interior design & FF&E, specific color and texture selections on the floors, walls, ceilings, and furnishings can enhance the lighting in the space, can create a comfortable atmosphere, and can incorporate a color palette with fresh accents to offer interest and contrast.

We have utilized wall paint with very low volatile organic compounds (VOCs), which keeps the air we breathe cleaner, and contains an anti-microbial that inhibits the growth of mold and mildew. We have specified carpet tile which minimizes waste, has 35% recycled content, and is Green Label Certified, meaning it meets stringent indoor air quality requirements.





Civil & Environmental Consultants, Inc.

WHO WE ARE.

1.0 Firm Overview

In 1989, four engineers and scientists came together with a singular vision: to be a people-first company, one that promotes a culture where clients and employees enjoy working together, and that is responsive to client needs with integrated services and high-quality work for projects both complex and routine.

More than 30 years later, Civil & Environmental Consultants, Inc. (CEC) has 1,300+ team members in offices nationwide. Headquartered in Pittsburgh, Pennsylvania, we are consistently ranked on *Engineering News-Record's* annual lists of the Top Design Firms and Top Environmental Firms in the nation.

A culture of accountability. We own it.

At CEC, every member of our team has a personal stake in ensuring the success of our clients. Because their success is our success. As employee-owners of the firm, we are all personally accountable for building lasting relationships and delivering outstanding results. Because we don't just work at CEC. We own it.

Being easy to work with. We own it.

At other firms, you may find one person you work well with. Here, our clients tell us they work well with all of us. It's because all of us are invested in your success. We're accessible, responsive, and operate with integrity.

Putting people first. We own it.

At CEC, people come first. Always. Whether that's our clients, our employees, or our community. It's why we listen more and work harder to understand the unique needs of our clients. And it's why we prioritize the career development of every individual on our team. People are why we do this, and why we love what we do.

Teamwork. We own it.

We are at our best when we work together. That means bringing together a diverse team of talented, passionate, multidisciplinary experts to work closely alongside clients to craft comprehensive solutions to complex problems. We believe that by working together, no problem is insurmountable.

Safety excellence. We own it.

We believe all accidents are preventable and are committed to creating an accident- and incident-free workplace for employees and subcontractors through training, safe workplace practices, and processes for assessing project hazards. CEC strives for safety excellence throughout our entire organization and holds all individuals accountable for the safe performance of their work.

CEC is an expanding, multi-disciplined company that is home to:

- Civil Engineers
- Geotechnical Engineers
- Transportation Engineers
- Structural Engineers
- Environmental Scientists
- Environmental Engineers
- Chemical Engineers
- Geologists
- Meteorologists
- Hydrogeologists
- Hydrologists
- Ecologists
- Biologists
- Wetland Scientists
- Threatened & Endangered Species Experts
- Agronomists/Soil Scientists
- Emissions Testing Professionals
- Chemists
- Archaeologists
- Construction Managers and Inspectors
- Environmental Technicians
- Treatment Plant Operators
- Land Surveyors
- Landscape Architects
- GIS Analysts and Programmers



FIRM OVERVIEW



FOUNDED
1934

HISTORY

Barber & Hoffman, Inc. (B&H) is a prominent **structural engineering** firm serving the Midwest and Mid-Atlantic regions since 1934. Founded in Cleveland by C. Merrill Barber, operations have expanded with firm growth within offices in Pittsburgh and Columbus. This vision coupled with the ongoing efforts of the firm leadership and dedicated staff has created a remarkable legacy of notable public and private landmarks.

B&H serves design and construction professionals, medical, commercial, and educational institutions, building owners and managers, government agencies, contractors, fabricators, and developers. Versatile professional engineers, designers, and technicians couple their experience and knowledge with the latest design techniques, materials technology, and engineering software to produce efficient and effective design solutions.

B&H combines its extensive experience with technical design/drawing software to develop creative and effective solutions. Leadership believes successful project management is accomplished through the collaboration and targeted client communication.

B&H is a professional corporation with various small business enterprise (SBE) certifications.

PERSONNEL

4 Principals
28 Engineers (16 Registered)
3 LEED AP Personnel
6 Technicians

CAPABILITIES

Facades
New Structures
Existing Structures
Parking Garages
Building Assessments
Restoration
Forensic

MARKET SECTORS

Civic
Municipal
Healthcare
Education
Commercial
Institutional
Housing
Recreation
Parking Garages
Design-Build

STATE REGISTRATIONS

Pennsylvania

Ohio
District of Columbia
Florida
Illinois
Indiana
Kentucky
Maryland
Michigan
New Jersey
New York
North Carolina
Missouri
Virginia
West Virginia
Texas

RELEVANT EXPERIENCE

BLIND AND VISION REHABILITATION SERVICES	Pittsburgh, PA
Building Renovations	
BUTLER COUNTY COURTHOUSE	Butler, PA
Structural Evaluation of Interior and Exterior Wall Cracks	
BUTLER COUNTY GOVERNMENT CENTER	Moon Township, PA
Annex Addition	
PA ARMY NATIONAL GUARD	Moon Township, PA
Combined Support Maintenance Shop	
OHIO ARMY NATIONAL GUARD ARMORY	Brook Park, OH
Brook Park Building Interior and Exterior Renovations	
UNITED STATES ARMY CORPS OF ENGINEERS	Albuquerque, NM
Kirtland AFB Building 201	
MERCER COUNTY	Mercer, PA
Government Office Building Condition Assessment	
VENANGO COUNTY	Oil City, PA
Business Innovation Center	
CITYNET CENTER	Bridgeport, WV
The Bridge Sports Complex	
FAIRMONT FEDERAL CREDIT UNION	Fairmont, WV
Drive Through Bank	
HARRISON COUNTY SCHOOLS	Bridgeport, WV
Additions and Renovations	
OHIO COUNTY SCHOOLS	Wheeling, WV
Additions and Renovations	
WEST VIRGINIA UNIVERSITY	Morgantown, WV
Advanced Engineering Building	
GLENVILLE STATE COLLEGE	Glenville, WV
Science Building Renovations	
LOUIS A JOHNSON VA MEDICAL CENTER	Clarksburg, WV
Addition and Renovations	

barberhoffman.com



**Butler County Government Center
Annex Addition**
Butler, PA



JOHN R. JEFFERIS

LEED AP, CCM, MPM
DIRECTOR OF PROJECT MANAGEMENT

Mr. Jefferis, our Director of Project Management, is responsible for the coordination and the completion of projects on time within budget and within scope. He will ensure instruments of service are meeting contractual requirements and he is key in managing client relationships and expectations. John knows how to be more efficient and manage projects effectively to bring them within budget and on-time, which ensures accurate reporting to the client and senior management. Additionally, he has his CCM (Certified Construction Manager) Credential established through the Construction Management Association of America. Furthermore, he is a LEED Accredited Professional.



EDUCATION

Keller Graduate School of
Management
Master of Project Management

DeVry University
B.S. Computer Engineering
Technology

PROFESSIONAL AFFILIATIONS & REGISTRATIONS

Member:
US Green Building Council

Certified Construction Manager

Master of Project Management

YEARS OF EXPERIENCE

27 years

SELECTED EXPERIENCE

Berkeley County Schools
Martinsburg, WV
Falling Waters Elementary School

Berkeley County Schools
Hedgesville, WV
Hedgesville PK School

Berkeley County Schools
Hedgesville, WV
Hedgesville High School Football
Field

Berkeley County Schools
Inwood, WV
Inwood PK School

Berkeley County Schools
Martinsburg, WV
Martinsburg High School

Berkeley County Schools
Martinsburg, WV
Martinsburg High School Athletics

Berkeley County Schools
Gerrardstown, WV
Mountain Ridge Elementary
School

Berkeley County Schools
Inwood, WV
Musselman High School Track/
Football Field

Berkeley County Schools
Martinsburg, WV
Potomack Access Road

Berkeley County Schools
Martinsburg, WV
Spring Mills High School Athletics

Berkeley County Schools
Hedgesville, WV
Tomahawk Intermediate School

Cabell County Schools
Milton, WV
New Milton Elementary School

**East Fairmont High School
Foundation**
Fairmont, WV
East Fairmont High School Multi-
Sport Complex

Harrison County Schools
Nutter Fort, WV
Nutter Fort Classroom addition

Harrison County Schools
Clarksburg, WV
Robert C. Byrd High School
renovations

Harrison County Schools
Bridgeport, WV
Simpson Elementary School
additions and renovations

Marion County Schools
Fairmont, WV
East Dale Elementary School
renovations

Ohio County Schools
Wheeling, WV
Elm Grove Elementary School
renovations

Wood County Schools
Parkersburg, WV
Lubeck Elementary School

Hempfield Area School District
Greensburg, PA
Owner's Representative for High
School project

City of Cadiz
Cadiz, OH
Cadiz Fire Department



THOMAS R. WORLLEDGE

AIA, LEED AP BD+C, REFP

SENIOR ARCHITECT

A skilled Architect with over 40 years of experience, who has been the former President of the WV chapter of AIA, has received State and National design awards, and placed in National and Global design competitions. Unlike many architects who are new to green building and alternate energy, Thom started his career designing and building alternate energy systems, and was the first LEED Accredited Professional in West Virginia! As a recognized sustainable design expert, he has 2 LEED Certified projects, multiple LEED Registered projects, has articles published in National trade publications, was a featured speaker at multiple National conferences, and much more.



EDUCATION

Virginia Polytechnic Institute & State University
Master of Architecture

Fairmont State College, School of Technology
B.S. Architectural Eng. Tech.

PROFESSIONAL AFFILIATIONS & REGISTRATIONS

Registered Architect in:
West Virginia
Ohio

Pennsylvania
Tennessee
Virginia

National Board Certification:
NCARB [REDACTED]

President:
West Virginia Society of Architects

Member:
The American Institute of Architects
US Green Building Council
Sustainable Building Industries Council
Recognized Educational Facility Professional

Founder & Chairman of the Board:
US Green Building Council's WV Chapter

Former voting member:
ASHRAE 90.1 Int'l Energy Code Committee

YEARS OF EXPERIENCE

40 years

SELECTED EXPERIENCE

West Virginia State Police

Logan, WV
New Logan Detachment / Back-Up Data Center for the WVSP Headquarters

West Virginia State Police

Dunbar, WV
West Virginia State Police Academy - Renovations to Buildings A, B, and C

West Virginia State Police

Dunbar, WV
West Virginia State Police Academy - New Firing Range

West Virginia State Police

Dunbar, WV
West Virginia State Police Academy - New Multi-Purpose Training and Wellness Building

West Virginia Department of Health & Human Resources

Wheeling, WV
Ohio County Office Building fit-out / renovations

State of West Virginia

Logan, WV
Building 55: WV State Office Complex
LEED Certified
ENERGY STAR Rating of 91

Nicholas County Division of Homeland Security

Summersville, WV
E-911 and Emergency Management Services Center

West Virginia University

Morgantown, WV
University Police Building renovations

Veterans Affairs Medical Centers

State-Wide, WV
Multiple VAMCs around WV

Veterans Affairs Medical Centers

State-Wide, PA
Multiple VAMCs around PA

Berkeley County Schools

Martinsburg, WV
Martinsburg High School

Cabell County Schools

Milton, WV
New Milton Elementary School

Fayette County Schools

Meadow Bridge, WV
New Meadow Bridge PK-12 School and school-based health clinic

Fayette County Schools

County-Wide, Fayette County, WV
Windows & Doors Replacements

Harrison County Schools

Bridgeport, WV
New Hilltop Elementary School
ENERGY STAR Rating of 90
NCWV Media's Public Project of the Year
Collaborative for High Performance School registered

Marshall County Schools

Sherrard, WV
New Hilltop Elementary School
LEED Certified
ENERGY STAR Rating of 86
Won multiple State and National Awards & Recognitions



JOHN F. HUMMEL, JR. RA

SENIOR ARCHITECT

Mr. Hummel's career includes over three decades of guiding K-12 school clients through projects from pre-design programming through occupancy. His experience includes the development of educational specifications, feasibility studies, and all design phases of renovation and new construction projects. In addition, he is experienced in design/build delivery system for commercial and senior care projects.



EDUCATION

Pennsylvania State University
Bachelor of Science in Architecture

PROFESSIONAL AFFILIATIONS & REGISTRATIONS

Registered Architect in:
California
Pennsylvania
West Virginia

YEARS OF EXPERIENCE

47 years

SELECTED EXPERIENCE

Berkeley County Schools

Martinsburg, WV
Falling Waters Elementary School

Berkeley County Schools

Hedgesville, WV
Hedgesville PK School

Berkeley County Schools

Inwood, WV
Inwood PK School

Berkeley County Schools

Martinsburg, WV
Martinsburg High School

Berkeley County Schools

Gerrardstown, WV
Mountain Ridge Elementary
School

Berkeley County Schools

Martinsburg, WV
Potomack Access Road

Berkeley County Schools

Martinsburg, WV
Spring Mills High School Athletics

Berkeley County Schools

Hedgesville, WV
Tomahawk Intermediate School

Harrison County Schools

Nutter Fort, WV
Nutter Fort Classroom addition

Harrison County Schools

Bridgeport, WV
Simpson Elementary School
additions and renovations

Ohio County Schools

Wheeling, WV
Wheeling Park High School roof

Hempfield Area School District

Greensburg, PA
Owner's Representative for High
School project

Buckeye Local School District

Rayland, OH
Buckeye Local High School
Classroom Renovations

NASA

Moffett Field, CA
Ames Research Center Office
Space Utilization Study - \$3.9M

Lockheed Martin

Sunnyvale, CA
Building 157 Passive Solar Office
Facility

Council Rock School District

Newtown, PA
Holland Elementary School
Additions/Renovations - \$11.8M

Hempfield Area School District

Hempfield Township, PA
Stanwood Elementary School
Renovations - \$12.2M

Ridley School District

Folsom, PA
New Ridley High School - \$58.6M

Seneca Valley School District

Harmony, PA
New Senior High School - \$22.1M

Wallingford-Swarthmore School District

Wallingford, PA
Strath Haven High School
Additions/Renovations - \$27.6M



ALY MITTON

INTERIOR DESIGNER

Mrs. Mitton is an Interior Designer who believes in creating functional yet eye-catching designs that elevate the interior space. She strives for the interior experience to be healthy, safe, and inviting as well as being ADA compliant and ergonomically sound. She has experience designing a broad variety of interior projects including education, hospitality, commercial offices, residential homes, and retail spaces. Her skills include AutoCAD, Revit, the Adobe Suite, FF&E selections, sketching and hand rendering.



EDUCATION

Utah State University
Caine College of the Arts
Bachelor's of Interior Architecture
and Design
Minors in Art & Landscape
Architecture

PROFESSIONAL AFFILIATIONS & REGISTRATIONS

LEED Green Associate
Former Member:
ASID Student Chapter
IIDA Student Chapter
USGBC Student Chapter

YEARS OF EXPERIENCE

7 years

SELECTED EXPERIENCE

Berkeley County School
Hedgesville, WV
Hedgesville PK School

Berkeley County Schools
Martinsburg, WV
Martinsburg High School

Berkeley County School
Gerrardstown, WV
Mountain Ridge Elementary
School

Berkeley County Schools
Hedgesville, WV
Tomahawk Intermediate School

Cabell County Schools
Milton, WV
New Milton Elementary School

City of Weirton
Weirton, WV
Park Drive/Three Springs Drive
development

**McKinley Architecture &
Engineering**
Mars, PA
North Pittsburgh Corporate Office

Pura*
Pleasant Grove, UT
Pura Corporate Headquarters

Mixhers*
Springville, UT
Mixhers Headquarters

Driven Auto Sales*
Springville, UT
Driven Auto Sales Car Dealership

Tamarak Capital*
Saint George, UT
Pura Vista Residence (Parade of
Homes)

Cache County*
Logan, UT
Cache County Children's Justice
Center

Madbrook Donut Company*
Salt Lake City, UT
Madbrook Donut Company
Headquarters

Capita Financial Network*
Salt Lake City, UT
Capita Financial Network
Headquarters

Orgill Family*
Dear Valley, UT
Orgill Residence

Walia Family*
Washington
Walia Residence



TIM E. MIZER

PE, RA, QCXP
DIRECTOR OF ENGINEERING SERVICES

Mr. Mizer is a very talented and unique professional being both a Professional Engineer and Registered Architect, which has provided him with a total understanding of the engineering components and the process necessary for integrating architectural design and building systems. Furthermore, has been formally trained to fully understand how integrated HVAC systems function and how systems interface with others to run your building efficiently. As the Director of Engineering Services, his presence is a key to the design procedures required to coordinate the functionality of the engineering systems into the aesthetics of a building space. He joined McKinley in 1995.



EDUCATION

Kansas State University
B.S. Architectural Engineering

University of Cincinnati
Architecture

PROFESSIONAL AFFILIATIONS & REGISTRATIONS

Registered Engineering in:
Ohio
West Virginia

Registered Architect in:
Ohio

Qualified Commissioning Process
Provider

YEARS OF EXPERIENCE

40 years

SELECTED EXPERIENCE

West Virginia Army National Guard

Kingwood, WV
Mountaineer ChalleNGe Academy

West Virginia Army National Guard

Kingwood, WV
Multi-Purpose Building

West Virginia Army National Guard

Parkersburg, WV
AASF#1 Maintenance Building and Hangar HVAC

West Virginia Army National Guard

Parkersburg, WV
SPCC Certifications

West Virginia Army National Guard

State-Wide, WV
SPCC 5 Year Review Certifications and Amendments

West Virginia Army National Guard

State-Wide, WV
SPCC Amendments and Environmental Equivalence Certifications

West Virginia State Police

Logan, WV
New Logan Detachment / Back-Up Data Center for the WVSP Headquarters

West Virginia State Police

Dunbar, WV
West Virginia State Police Academy - New Multi-Purpose Training and Wellness Building

State of West Virginia

Logan, WV
Building 55: WV State Office Complex
LEED Certified
ENERGY STAR Rating of 91

West Virginia Department of Health & Human Resources

Wheeling, WV
Ohio County Office Building fit-out / renovations

West Virginia University's Fire Extension Services

Jackson's Mill, WV
New State Fire Training Academy

West Virginia University

Morgantown, WV
University Police Building renovations

City of Moundsville

Moundsville, WV
New Municipal Public Safety Bldg

City of Wheeling

Wheeling, WV
Wheeling Island Fire Station

City of Cadiz

Cadiz, OH
Cadiz Fire Department

Raleigh County Emergency Services Authority

Beaver, WV
911 and Emergency Operations Center HVAC

Berkeley County Schools

Berkeley County, WV
Several Projects County-Wide



KURT SCHEER

PE, LEED AP
SENIOR MECHANICAL ENGINEER

Kurt is a Mechanical Engineer with 20 years of experience in the architectural/engineering industry with a focus on mechanical systems design. In addition, he has overseen electrical, plumbing, and fire protection engineering for all his projects for 15 years. Market sectors such as hospitality, higher education, and commercial office are areas where he has significant experience. Additionally, Kurt has experience with LEED Certified projects and energy modeling.



EDUCATION

Penn State University
B.S. Architectural Engineering

PROFESSIONAL AFFILIATIONS & REGISTRATIONS

Registered Engineering in:
Pennsylvania
West Virginia

Member:
US Green Building Council

ASHRAE

ASPE

YEARS OF EXPERIENCE

22 years

SELECTED EXPERIENCE

City of Moundsville

Moundsville, WV
Municipal/Public Safety Building

City of Cadiz

Cadiz, OH
Cadiz Fire Department

Nicholas County Division of Homeland Security

Summersville, WV
E-911 and Emergency
Management Services Center

Brooke County Commission

Wellsburg, WV
Judicial Center & Historic
Courthouse

Tyler County Commission

Middlebourne, WV
Judicial Building

Fort Henry Building

Wheeling, WV
Fourth Floor office build-out

City of Weirton

Weirton, WV
Park Drive/Three Springs Drive
development and streetscape

YWCA

Wheeling, WV
Various renovations

Glenville State University

Glenville, WV
School of Health Sciences

Berkeley County Schools

Berkeley County, WV
Several Projects County-Wide

Cabell County Schools

Milton, WV
New Milton Elementary School

Fayette County Schools

Oak Hill, WV
Fayette Institute of Technology
renovations

Fayette County Schools

Meadow Bridge, WV
New Meadow Bridge PK-12
School and school-based health
clinic

Fayette County Schools

Oak Hill, WV
Oak Hill High School gymnasium
renovations

Harrison County Schools

Clarksburg, WV
Gore Elementary School build-out
renovation/addition

Harrison County Schools

Lost Creek, WV
New Lost Creek Elementary
School

Wirt County Schools

ESSERF Projects

Glenville State University

Glenville, WV
Mollohan Building Renovations

Glenville State University

Glenville, WV
We Proudly Serve

West Liberty University

West Liberty, WV
Elbin Library HVAC renovations



ALAN M. GABER PE

SENIOR ELECTRICAL ENGINEER

Mr. Gaber is an Electrical Engineer, who for over 36 years, has a broad range of electrical and professional experiences designing building systems. He has experience working collaboratively with others to research and identify the clients' needs, and successfully meeting those needs. Alan takes pride in providing designs that are concise, efficient and within the client's budget. Mr. Gaber's experiences include K-12 & post secondary education, commercial, industrial, institutional, municipal/civic, personal care/senior living, and other sectors of business.



EDUCATION

Ohio Northern University
B.S. Electrical Engineering with a
Computer Science Option

PROFESSIONAL AFFILIATIONS & REGISTRATIONS

Registered Engineering in:
Ohio
Pennsylvania

YEARS OF EXPERIENCE

36 years

SELECTED EXPERIENCE

City of Moundsville

Moundsville, WV
Municipal/Public Safety Building

City of Cadiz

Cadiz, OH
Cadiz Fire Department

Brooke County Commission

Wellsburg, WV
Judicial Center & Historic
Courthouse

City of Steubenville

Steubenville, OH
Municipal Building interior
renovations

West Virginia Department of Transportation,

Huntington, WV
Division of Highways, District 2
Headquarters

West Virginia Department of Transportation,

New Martinsville, WV
Division of Highways, District 6
Facility

Fort Henry Building

Wheeling, WV
Fourth Floor office build-out

Glenville State University

Glenville, WV
School of Health Sciences

Berkeley County Schools

Berkeley County, WV
Several Projects County-Wide

Cabell County Schools

Milton, WV
New Milton Elementary School

Fayette County Schools

Meadow Bridge, WV
New Meadow Bridge PK-12
School and school-based health
clinic

Fayette County Schools

Oak Hill, WV
Fayette Institute of Technology
renovations

Fayette County Schools

Smithers, WV
Valley PreK-8 School renovations

Hampshire County Schools

Slanesville, WV
New Ice Mountain Elementary
School

Hampshire County Schools

Romney, WV
New South Branch Elementary
School

Hampshire County Schools

Augusta, WV
New Windy Ridge Elementary
School

Ohio County Schools

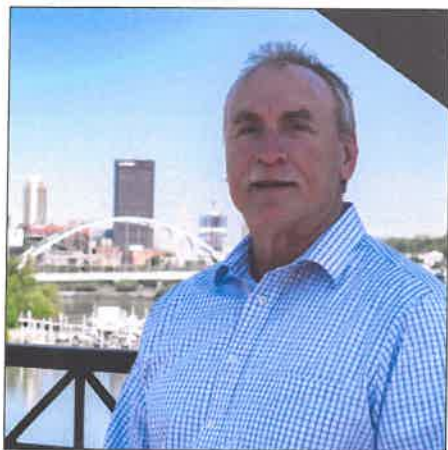
Wheeling, WV
Elm Grove Elementary School
renovations

Summers County Schools

Talcott, WV
Talcott Elementary School Gym
renovation

Wayne County Schools

Fort Gay, WV
Tolsia High School Gym



PETER T. DONNELLY

PE, LEED AP

MECHANICAL ENGINEER

Mr. Donnelly is a senior level Mechanical Engineer with more than 40 years of experience in a wide range of energy-related research, design, and management projects. Building evaluations, facility audits, and space utilization studies make up a significant portion of Pete's workload, in addition to the design of HVAC, fire protection, and plumbing systems. His project experience covers a wide range of building types, from schools and laboratories to healthcare facilities. Furthermore, he is a LEED Accredited Professional and can design energy efficient features into your project.



EDUCATION

State University of New York
A.A.S. Air Conditioning Technology

Rochester Institute of Technology
B.S. Energy Engineering

PROFESSIONAL AFFILIATIONS & REGISTRATIONS

Registered Engineering in:
Pennsylvania

YEARS OF EXPERIENCE

43 years

SELECTED EXPERIENCE

Berkeley County Schools

Berkeley County, WV
Several Projects County-Wide

Cabell County Schools

Milton, WV
New Milton Elementary School

West Virginia Department of Transportation,

Huntington, WV
Division of Highways, District 2
Headquarters

City of Steubenville

Steubenville, OH
Municipal Building interior
renovations

Vertex Non-profit Holdings

Fairmont, WV
NOAA-GOES-R RBU Facility East
chiller

McKinley Architecture & Engineering

Mars, PA
North Pittsburgh Corporate Office

Wyngate Senior Living Community

Weirton, WV
Weirton Senior Center HVAC
renovation

Glennville State University

Glennville, WV
School of Health Sciences

Hampshire County Schools

Augusta, WV
New Windy Ridge Elementary
School

Harrison County Schools

Lost Creek, WV
South Harrison High School HVAC

Marshall County Schools

Cameron, WV
Cameron High School chiller

Tyler County Schools

Sistersville, WV
Headhouse addition

Tyler County Schools

Sistersville, WV
Tyler Consolidated MSHS Gym
Entrance and Practice Room
Addition

Aliquippa School District

Aliquippa, PA
Aliquippa Jr./Sr. High School

Avonworth School District

Pittsburgh, PA
Junior/Senior High School

Butler Area School District

Butler, PA
Butler Senior High School

Canon-McMillan School District

Canonsburg, PA
Canon-McMillan Senior High
School

Centennial School District

Warminster, PA
William Tennent High School

Northern Bedford County School District

Loysburg, PA
Middle School / High School



SCOTT D. KAIN

ENGINEERING PRODUCTION MANAGER

Mr. Kain, our Engineering Production Manager, is an accomplished engineering designer who has performed in all the engineering trades we provide; specializing in plumbing, electrical, and fire protection. He has been utilized for various McKinley Architecture and Engineering's projects that needed additional mechanical, structural, and architectural manpower. In addition, Mr. Kain has also provided 3D renderings, to aid in business development, during his long tenure at McKinley Architecture and Engineering. He joined McKinley in 2001.



EDUCATION

Technology Education College /
Ohio State University
Associates in Mechanical Design

YEARS OF EXPERIENCE

29 years

SELECTED EXPERIENCE

West Virginia Army National Guard

Kingwood, WV
Mountaineer Challenge Academy

West Virginia Army National Guard

Kingwood, WV
Multi-Purpose Building

West Virginia State Police

Logan, WV
New Logan Detachment / Back-Up Data Center for the WVSP Headquarters

West Virginia State Police

Dunbar, WV
West Virginia State Police Academy - New Multi-Purpose Training and Wellness Building

State of West Virginia

Logan, WV
Building 55: WV State Office Complex
LEED Certified
ENERGY STAR Rating of 91

West Virginia University's Fire Extension Services

Jackson's Mill, WV
New State Fire Training Academy

West Virginia University

Morgantown, WV
University Police Building renovations

City of Moundsville

Moundsville, WV
New Municipal Public Safety Bldg

City of Wheeling

Wheeling, WV
Wheeling Island Fire Station

Brooke County Commission

Wellsburg, WV
Judicial Center & Historic Courthouse

Tyler County Commission

Middlebourne, WV
Judicial Building

Belmont County Commission

St. Clairsville, OH
Courts & Offices build-outs

Panhandle Cleaning & Restoration

Triadelphia, WV
Panhandle Cleaning & Restoration warehouse, office, and garages

Veterans Affairs Medical Centers

Beckley, WV
VAMC Beckley

Dr. Ryan Ferns

Triadelphia, WV
The Ryan Ferns HealthPlex

Dr. Ganzer

Wheeling, WV
Dr. Ganzer Medical Office Building renovations

Berkeley County Schools

Berkeley County, WV
Several Projects County-Wide

Fayette County Schools

Meadow Bridge, WV
New Meadow Bridge PK-12 School and school-based health clinic

Hancock County Schools

Weirton, WV
New Weirton Elementary School and school-based health clinic



DAVID A. ULLOM

FIRE PROTECTION ENGINEERING DESIGNER

Mr. Ullom, our BIM Coordinator and Fire Protection Engineering Designer, is a results-driven individual who prioritizes safety, cost-effective solutions, and exceeding customer expectations. He is proficient in Autocad, Inventor, and Revit software. David also has experience as a Sales Engineer, Applications Engineer, and Map Developer, which provides an unique understanding for problem solving.



EDUCATION

Fairmont State University
B.S. Mechanical Engineering
Technology

Pierpont Community and Technical
College
Associates Degree in Applied
Sciences: Drafting and Design

YEARS OF EXPERIENCE

13 years

SELECTED EXPERIENCE

City of Moundsville

Moundsville, WV
New Municipal Public Safety Bldg

City of Cadiz

Cadiz, OH
Cadiz Fire Department

WVU Medicine

Glen Dale, WV
WVU Reynolds Memorial Hospital
- School of Nursing

Brooke County Commission

Wellsburg, WV
Judicial Center & Historic
Courthouse

Belmont County Commission

St. Clairsville, OH
Courts & Offices build-outs

Jefferson County Commission

Steubenville, OH
Jefferson County Justice Center
renovations

Jefferson County Commission

Steubenville, OH
Jefferson County Jail renovations

Trinity Health System

Steubenville, OH
Crisis Rehabilitation Unit

General Services Administration

Warwood, WV
Social Security Administration
Office build-out / renovations

Main Street Bank

Toronto, OH
Toronto branch

Berkeley County Schools

Berkeley County, WV
Several Projects County-Wide

Cabell County Schools

Milton, WV
New Milton Elementary School

Fayette County Schools

Meadow Bridge, WV
New Meadow Bridge PK-12
School and school-based health
clinic

Fayette County Schools

Oak Hill, WV
Fayette Institute of Technology
renovations

Fayette County Schools

Oak Hill, WV
Oak Hill High School gymnasium
renovations

Harrison County Schools

Clarksburg, WV
Gore Elementary School

Harrison County Schools

Lost Creek, WV
New Lost Creek Elementary
School

Ohio County Schools

Wheeling, WV
Wheeling Park High School
addition and renovations

Fort Henry Building

Wheeling, WV
Fourth Floor office build-out



MICHAEL J. CLARK, SR.

SENIOR ELECTRICAL ENGINEERING DESIGNER

Mr. Clark is an Electrical Engineering Designer and a Certified Journeyman Electrician who brings a cross-trained background to our projects; being skilled in both the design and the construction ends gives him a unique ability to understand all aspects of a project. He is knowledgeable in all areas of the national electrical code and excels in analyzing and solving problems with various electrical controls and systems. He is also adept in performing electrical and mechanical installations, maintenance and repairs in plant facilities. Furthermore, he is seasoned as an Electrical Foreman and Superintendent on both commercial and industrial job sites.



EDUCATION

Eastern Gateway Community College
A-ATS Electro-Mechanical
Engineering
Jefferson Community College
A-ATS Electrical Trade Technology

PROFESSIONAL AFFILIATIONS & REGISTRATIONS

Certified in SMAW Weld Process &
Basic Welding and Applications 2002
West Virginia Journeyman License
Ohio Fire Alarm License
OSHA 30 Certified

YEARS OF EXPERIENCE

40+ years

SELECTED EXPERIENCE

City of Moundsville

Moundsville, WV
New Municipal Public Safety Bldg

City of Cadiz

Cadiz, OH
Cadiz Fire Department

Brooke County Commission

Wellsburg, WV
Judicial Center & Historic
Courthouse

Tyler County Commission

Middlebourne, WV
Judicial Building

Belmont County Commission

St. Clairsville, OH
Courts & Offices build-outs

State of West Virginia

Logan, WV
Building 55: WV State Office
Complex
LEED Certified
ENERGY STAR Rating of 91

Fayette County Schools

Meadow Bridge, WV
New Meadow Bridge PK-12
School and school-based health
clinic

Hancock County Schools

Weirton, WV
New Weirton Elementary School
and school-based health clinic

Chapman Dental Group

New Martinsville, WV
Dr. Chapman's Office Building

Holiday Inn Express Hotels

5 Hotels in 4 States
Holiday Inn Express Hotels &
Suites

Fort Henry Building

Wheeling, WV
Fort Henry Building build-out
renovations

Wheeling Island Hotel-Casino-Racetrack

Wheeling, WV
Multiple projects

Carenbauer Wholesale Corporation

Wheeling, WV
Warehouse addition and office
renovations

Bennett Square

Wheeling, WV
Bennett Square build-out
renovations

Berkeley County Schools

Berkeley County, WV
Several Projects County-Wide

Cabell County Schools

Milton, WV
New Milton Elementary School

Fayette County Schools

Hico, WV
Midland Trail High School
gymnasium renovations

Fayette County Schools

Oak Hill, WV
Oak Hill High School gymnasium
renovations



SANJIN "SUNNY" MUJAN

CONSTRUCTION CONTRACT ANALYST

Mr. Mujan is a Construction Contract Analyst with a diverse pre-development, development and design background. Sunny is experienced in managing a variety of project types that includes educational, senior living, health care, commercial office, and entertainment. With 23 years of experience, he thrives under pressure with multiple project priorities. He is specialized in using architectural industry-leading softwares such as Revit, AutoCad, BlueBeam, Excel, as well as other Microsoft Office applications.



EDUCATION

Temple University
Bachelor of Architecture

YEARS OF EXPERIENCE

23 years

SELECTED EXPERIENCE

Berkeley County Schools

Hedgesville, WV
Hedgesville Elementary School

Berkeley County Schools

Hedgesville, WV
Hedgesville High School Football Field

Berkeley County Schools

Martinsburg, WV
Martinsburg High School

Berkeley County Schools

Martinsburg, WV
Martinsburg High School Athletics

Berkeley County Schools

Martinsburg, WV
Martinsburg High School Softball Field

Berkeley County Schools

Inwood, WV
Musselman High School
auditorium renovations

Berkeley County Schools

Inwood, WV
Musselman High School Track/
Football Field

Berkeley County Schools

Hedgesville, WV
Tomahawk Intermediate School

Bethel The Knolls

Westchester County, NY
Existing Campus Expansion and
Renovations- \$80M

Wartburg North Lot

Westchester County, NY
Existing Campus Expansion and
Renovations- \$170M

Wartburg Berkemeier Living Center

Westchester County, NY
New Assisted Expansion - \$20M

Fox Run at Orchard Park

Orchard Park, NY
Existing Campus Expansion-
\$45M

Eastview at Middlebury

Middlebury, VT
Existing Campus Expansion and
Renovations - \$60M

Landis Homes

Lancaster, PA
Multiple/Multi-year Existing
Campus Expansion and
Renovations- \$100M

Landis Place on King

Lancaster, PA
New Construction in Downtown-
\$30M

Rivermead

Peterborough, NH
Multiple/Multi-year Existing
Campus Expansion and
Renovations- \$70M

Piper Shores

Scarborough, ME
New Satellite Campus- \$66M

Springwell Senior Living

Baltimore, MD
Existing Campus Expansion-
\$50M

Kow O. Eshun, P.E.

Vice President



19 YEARS OF EXPERIENCE

EDUCATION

B.S., Civil Engineering, Kwame Nkrumah
University of Science and Technology, 2005

M.S., Geotechnical Engineering, The University
of Akron, 2013

REGISTRATIONS

Professional Engineer

- TX [REDACTED]
- KY [REDACTED]
- MD [REDACTED]
- WV [REDACTED]
- PA [REDACTED]
- VA [REDACTED]
- OH [REDACTED]
- TN [REDACTED]
- IN [REDACTED]
- MS [REDACTED]
- NV [REDACTED]
- NC [REDACTED]
- DC [REDACTED]
- MI [REDACTED]
- AZ [REDACTED]
- VI [REDACTED]
- FL [REDACTED]
- NY [REDACTED]
- NJ [REDACTED]

CERTIFICATIONS

Project Management Professional
(PMP), Project Management Institute

10-Hour OSHA Construction Safety
(Occupational Safety & Health
Administration), OSHA

Construction Quality Management for
Contractors, United States Army Corps
of Engineers

Mr. Eshun has many years of experience and serves as the Martinsburg Office Lead. He is responsible for overseeing daily operations, project reviews, promoting a safe working environment, staff development, project management and client development. Since 2015, Mr. Eshun has served as the Geotechnical principal and pavement engineer on over 80 roadway improvement projects including roadway widening, roadway slip repair projects, and bridge replacement projects across West Virginia. Mr. Eshun has worked on both private and public sectors and has noteworthy experience in the policies and procedures within WVDOT.

PROJECT EXPERIENCE

Site Development

Charles Point Crossing, Genesis Partners, Limited Partnership, Bridgeport, West Virginia

Role: Geotechnical Design of Record

Kow was the geotechnical design manager and engineer of record for Charles Pointe Crossing which involved moving 3.5 million cubic yards of earth and rock to create 100+ acres of development sites along I-79. His responsibilities included planning, managing the geotechnical investigations and design for the project.

Bridgeport Indoor Sports & Recreation Complex, City of Bridgeport, Bridgeport, West Virginia

Role: Geotechnical Engineer on Record

This project involved the design for a 125 acre indoor/outdoor sports and recreation complex. Mr. Eshun was responsible for managing this project from geotechnical engineering and construction management/administration. His responsibilities included planning, managing the geotechnical investigations and design for the project.

Forensic and Expert Services

Expert Witness Services, Jackson & Kelly, PLLC, Morgantown, WV

Role: Geotechnical Engineer/Expert Witness

Providing expert review, consultation, reporting, and potential expert witness testimony for claimant related to landslide repairs by a contractor

Metro Tower ApartmentsLandslide, Jackson & Kelly, PLLC, Morgantown, WV

Role: Geotechnical Engineer/Expert Witness

Providing expert review, consultation, reporting and potential expert witness testimony for a defendant related to complex landslide related litigation. The landslide occurred following earthwork at the toe on a steep, potential unstable existing slope. The case is currently pending in court.

Steve A. Cain, P.E.

Vice President and Bridgeport Office Lead and Charleston Office Lead



31 YEARS OF EXPERIENCE

EDUCATION

B.S., Engineering Technology - (Civil Emphasis),
Fairmont State University, 1992

Mr. Cain, a professional engineer with CEC, has 30 years of experience in civil engineering design and project management.

Steve's experience in civil engineering design encompasses many aspects of civil engineering design including land surveying, mapping, site development, sanitary sewer system design, storm sewer system design, potable water distribution system design and hydraulic modeling. Additionally, Steve also has experience in water treatment system design and rehabilitation as well as wastewater treatment design.

Steve has also spent a large part of his career in managing projects from conception to completion. As a project manager Steve has assisted clients in identifying potential project needs, assisting the client in securing project funds, performed and directed detail design, and participated in and managed construction activities.

Steve also has lead and managed over 100 miles of mid-stream natural gas pipeline design projects. These projects encompassed preliminary alignment selection, in the field alignment routing, oversight of property "deed mosaics", construction plan oversight, and as-built preparation.

PROJECT EXPERIENCE

Government

Internal Revenue Service Computing Center, GSA, Keaneysville, WV*

Steve was the Project Designer responsible for the updating of an existing Spill Prevention, Control, and Countermeasure Plan and West Virginia Department of Environmental Protection Underground Injection Permit. Work included field investigation of storm sewers and oil water separators to determine illicit discharge connections and field surveying of existing features to develop base mapping.

United States Custom House, GSA, Philadelphia, PA*

Steve was the Project Designer responsible for the preparation of a Spill Prevention, Control, and Countermeasure Plan and Operation and Management Plan. Work included field investigation of basement sumps, underground storage tanks and discharge points into storm sewers, to determine possible illicit discharge connections, surveying of existing features to develop base mapping and the design of secondary containment practices within the building structure.

Water Distribution System Study, AFCENT, Thumrait, Oman*

Steve was part of a team assigned to field investigate the water distribution system at the Thumrait Air Base, Oman, for the U.S. Air Forces Central. The project included an in

EXPERTISE

Sanitary Sewer Evaluation Surveys

Wastewater Pumping System Design & Rehabilitation

REGISTRATIONS

Professional Engineer

- WV [REDACTED]
- MD [REDACTED]
- PA [REDACTED]

CERTIFICATIONS

SafeLand USA - Basic Orientation,
PEC Safety

10-hour Construction Safety,
Occupational Safety & Health
Administration

MICHAEL R. MILLER, PE

ROLE: Structural Project Manager

Mr. Miller is a Principal in Charge and Project Manager on commercial, institutional, medical, research and restoration projects. He is experienced in structural analysis and design of new structures; investigation, restoration/renovation and reuse of existing structures; building masonry facade investigation, remediation/restoration; preparation of feasibility studies; contract documents and specifications.

In addition, Mr. Miller's collaborative design approach has allowed his clients to develop and incorporate unique, but practical solutions on their projects. His project structural systems capabilities encompass; steel, composite steel, steel joist and joist girder, wood, timber, masonry, reinforced concrete and precast concrete. Foundation systems design includes conventional spread footings, drilled piers (caissons), auger cast concrete piles and slab-on-grades on expansive soils, as well as performance specifications for concrete underpinning and soil nailing.

Joined the Firm
1990



REPRESENTATIVE EXPERIENCE

PA ARMY NATIONAL GUARD

Combined Support Maintenance Shop

Moon Township, PA

OHIO ARMY NATIONAL GUARD ARMORY

Brook Park Building Interior and Exterior Renovations

Brook Park, OH

UNITED STATES ARMY CORPS OF ENGINEERS

Kirtland AFB Building 201

Albuquerque, NM

BUTLER COUNTY GOVERNMENT CENTER

Annex Addition

Butler, PA

CITYNET CENTER

The Bridge Sports Complex

Bridgeport, WV

FAIRMONT FEDERAL CREDIT UNION

Drive Through Bank

Fairmont, WV

HARRISON COUNTY SCHOOLS

Additions and Renovations

Bridgeport, WV

OHIO COUNTY SCHOOLS

Additions and Renovations

Wheeling, WV

WEST VIRGINIA UNIVERSITY

Advanced Engineering Building

Morgantown, WV

GLENVILLE STATE COLLEGE

Science Building Renovations

Glenville, WV

GRAND VUE PARK

Tree Top Villas

Moundsville, WV

LOUIS A JOHNSON VA MEDICAL CENTER

Addition and Renovations

Clarksburg, WV

PENNSYLVANIA TURNPIKE COMMISSION

Central Administration Building Additions and Renovations

Harrisburg, PA

DEPARTMENT OF CONSERVATION & NATURAL RESOURCES (DCNR)

District 5 Administration Building Addition

Huntingdon, PA

District 20 Administration Building and Support Structure

Dushore, PA

barberhoffman.com

Education

Cleveland State University, 1996
Master of Science in Civil
Engineering

The Pennsylvania State University,
1990 Bachelor of Architectural
Engineering (Structural)

Registration: PE 1997

Pennsylvania

Ohio

Maryland

New Jersey

New York

Virginia

West Virginia

Professional Affiliations

Structural Engineers Association
of Ohio

Code Management Review Board
for City of Butler, PA

American Institute of Steel
Construction

First Sergeant (retired)

Pennsylvania Army National Guard



WVARNG CAMP DAWSON MOUNTAINEER CHALLENGE ACADEMY WEST VIRGINIA ARMY NATIONAL GUARD



CLIENT

West Virginia Army National Guard

LOCATION

Kingwood, WV

PROJECT DATA

54,800 SF

\$16.0 M

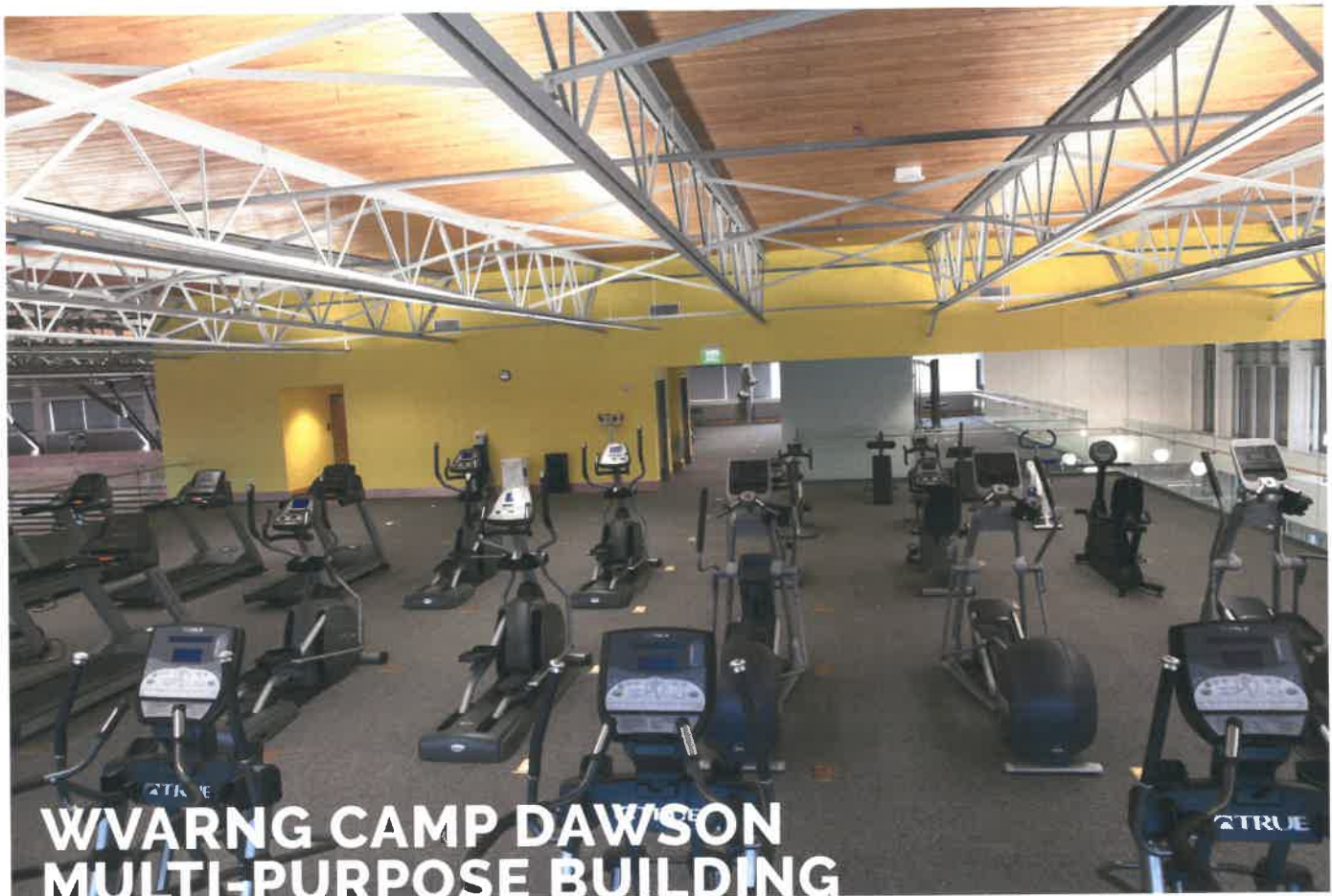
The new Mountaineer Challenge Academy (capital "NG" for National Guard) is the first nationwide educational program for at-risk children in a quasi-military setting. Design was in conjunction with Assemblage Architects. Our involvement in this project includes mechanical, electrical, plumbing, and fire protection engineering, as well as construction administration services.

The building program includes offices, support staff areas and a medical assistance space to accommodate the needs of the student residents. The residents require classrooms, a multi-purpose assembly/exercise/gymnasium, wellness / fitness rooms, locker and shower rooms, restrooms, and a community room / dining facility with an adjacent full service kitchen.

The multi-purpose areas accommodates wellness, physical activity, weight training, assemblies, banquets, and receptions, and serves as the central hub of the complex.

This project won a 2011 WV AIA Merit Award.





WVARNG CAMP DAWSON MULTI-PURPOSE BUILDING WEST VIRGINIA ARMY NATIONAL GUARD



CLIENT

West Virginia Army National Guard

LOCATION

Kingwood, WV

PROJECT DATA

55,000 SF

\$12.7 M

The mission of the Multi-Purpose Building at Camp Dawson is a new structure that serves as the primary wellness / physical training and event space for military units of the WVARNG. Design was in conjunction with Assemblage Architects. Our involvement in this project includes MEP engineering and construction administration.

The facility houses a large open space gymnasium/assembly room, a physical fitness area, locker rooms, offices, and more. The facility and grounds include parking, attached and detached storage, landscaping, security lighting and fencing, and a unique entry. This project was designed with energy recovery systems, as well as daylight harvesting.

The gymnasium/assembly room was based on occupancy of 200 exercising, or 3,500 at rest for events/assembly. It includes a tailor-made public address system with wireless microphone inputs for the events.

This project won a 2014 West Virginia AIA Honor Award.





MOUNDVILLE MUNICIPAL / PUBLIC SAFETY BUILDING

CITY OF MOUNDVILLE



CLIENT

City of Moundsville

LOCATION

Moundsville, WV

PROJECT DATA

27,000 SF

\$12.0 M

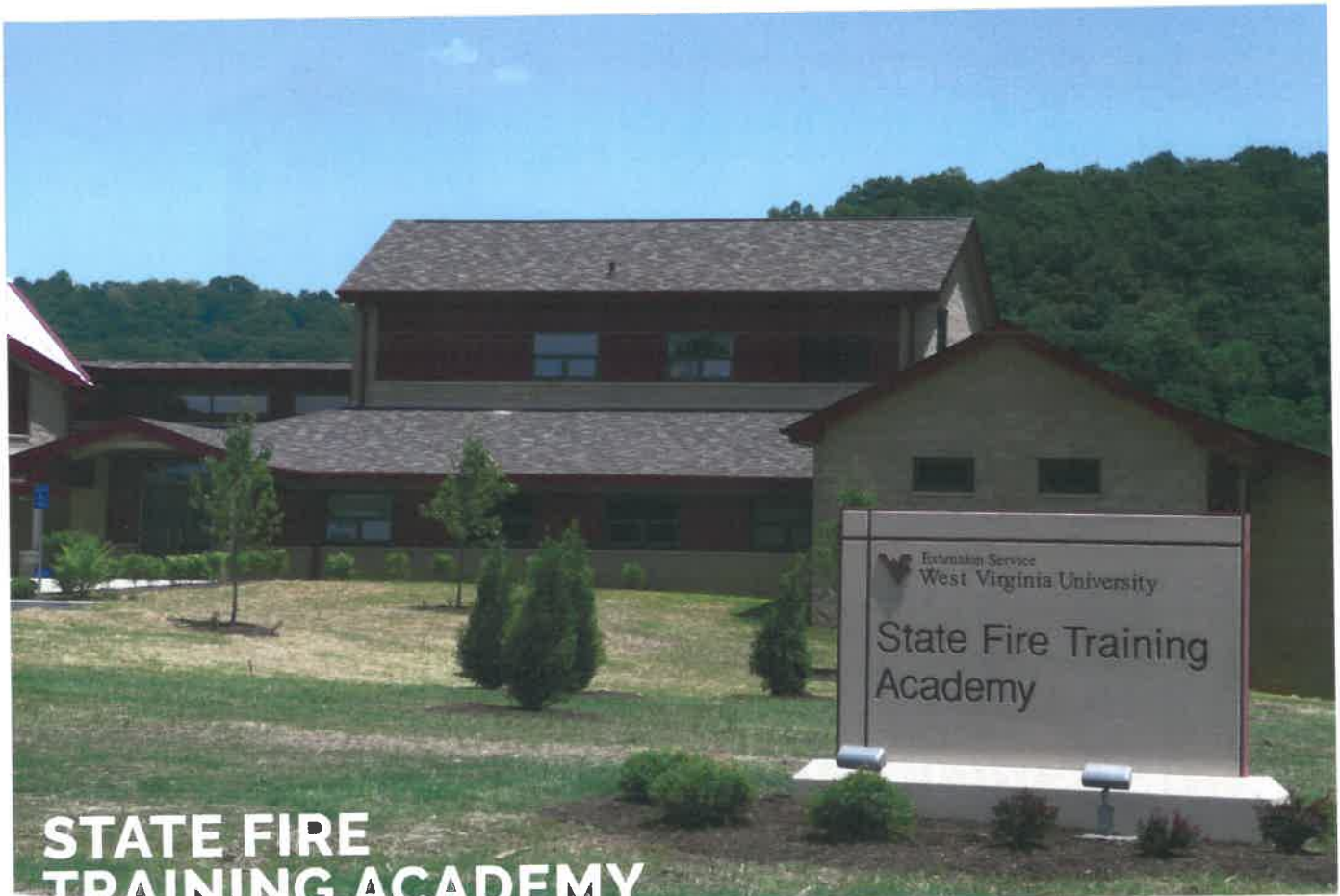
McKinley Architecture and Engineering led the team that recently designed a new Municipal/Public Safety Building for the City of Moundsville. This project is under construction.

As part of the design process, we proposed several layouts to the City from which to choose and we walked them through the decision making process to ensure that they are getting a building that meets their needs.

After planning meetings and design discussion, the building has developed into a 3 story structure. It will hold the Municipal Offices, Fire Department, Police Department, and Utility Departments. The 3rd story will be a wide-open storage area, which is currently a critical issue facing city employees.

The building is situated at a corner allowing easy access for the three bay Fire Department and easy access for the Police Department Sallyport. They also have Decon, hose storage, gear storage / locker room, offices, kitchen, fitness areas, and more.





STATE FIRE TRAINING ACADEMY WEST VIRGINIA UNIVERSITY



CLIENT
West Virginia University

LOCATION
Jackson's Mill, WV

PROJECT DATA
25,752 square feet including the
8,300 sq. ft of the Arena



McKinley has worked with West Virginia University since the 1980s, and currently has an open-ended contract with them.

For one of our many projects, the new \$4.5 million West Virginia State Fire Training Academy is located near the Jackson's Mill 4-H Campus in Lewis County, WV. Because of the proximity to this state historic site, the design directive given by the Owner was to blend into the rural community. The exterior brings to mind a barn set into the sloping terrain in an agricultural setting. The Users we have spoken to enjoy teaching in our facility. Contextually, it "fits" into the Jackson's Mill Campus and local agricultural community.

Every year, WVU Fire Service Extension uses this one-of-a-kind facility to train more than 2,000 volunteer and professional firefighters and first-responders from around the state and nation. The facility is also the new home for the high-tech Mobile Aircraft Rescue Fire Fighting Unit and the Mobile Fire Training Unit.

There are two major components to the 25,752 SF building; the first is the Classroom Wing. This wing is comprised of a multi-tiered 30-seat distance learning room, two other connected instructional classroom spaces that allow for a range of class sizes, 4 administrative offices, 6 cubicle offices, a conference room/library, and a lounge/dining area. The administrative area is private but easily accessible from all classrooms. The multi-use facility is ideal for community group meetings and other events.



North Carolina State Fire Training Academy

The second component, the 8,300 SF open bay training Arena, is an all-weather interior training facility. The scale of this structure, having a clear interior height greater than 30', allows the full extension of authentic fire training apparatus and vehicles for various types of hands-on programs. The large vehicle doors allow fire trucks and other props into the facility. A custom metal building skeleton with a board & batten metal skin was designed. The siding is representative of rural, vertical barn siding and serves as an integrating element throughout the large complex.





WHEELING ISLAND FIRE STATION CITY OF WHEELING



CLIENT

City of Wheeling

LOCATION

Wheeling, WV

The Wheeling Island Fire Station proved to be a very exciting and interesting project for McKinley Architecture and Engineering. The station was built for the Wheeling Fire Department's Engine Company No. 5, who not only work here, but also live in this building during their shifts.

The living quarters feature a full kitchen and shared living/dining space as well as two semi-private bedrooms plus captain's bedroom and office. There is also an equipment/storage area, locker room, laundry room, exercise room/gym, as well as a shower rinsing area for the firemen when they return from a call.

The firehouse is equipped with three truck bays for Engine 5, the Regional Emergency Response Vehicles, and also houses the Fire Department's boat during the winter months.

The building is designed to resist flood damage with vents at the bottom floor line installed to equalize pressure of flood water. All living space was placed on the second floor, which is out of the floodplain.

Additionally, there is a platform generator at the top of the 35-foot hose tower. All mechanical equipment is also on the second level.

The building was designed to accommodate the modern fireman and to fit into the neighborhood, while still having the qualities of a traditional firehouse with a look that is recognizable from the street.





WEST VIRGINIA STATE POLICE PROJECTS

WEST VIRGINIA STATE POLICE



CLIENT

West Virginia State Police

LOCATION

State-wide, WV

Throughout the years, McKinley has been honored to have been selected for multiple consecutive West Virginia State Police open-ended contracts for all architectural and engineering services throughout West Virginia.

McKinley has completed design services on multiple new detachments in Berkeley, Logan, Morgantown, Rainelle, and Wheeling to name a few.

Moreover, we have also completed numerous renovations as well as additions on police detachments throughout the State, such as in Clarksburg, Franklin, Jackson County, Lewisburg, Moundsville, Romney, etc.

Various detachments have Eg11 Centers which have a higher level of security, such as in Doddridge, Franklin and Romney. Many include garages (some have multiple bays) for their various vehicles. Various detachments have bunk rooms.

We also created a Master Plan where we surveyed, reviewed, projected, budgeted, and documented 72 police facilities throughout the State.





WVSP NEW LOGAN DETACHMENT

WEST VIRGINIA STATE POLICE



CLIENT

West Virginia State Police

LOCATION

Logan, WV

PROJECT DATA

13,000 SF

\$4.5 M

We designed a new detachment in Logan County for the West Virginia State Police, which is now the Back-Up Data Center for the WVSP Headquarters facility in South Charleston; therefore, it needed much of the same emergency and power distribution systems since the facility must remain in operation 24/7. For this Logan facility, we designed a 350 kW backup generator for the entire building, as well as an Uninterruptible Power Supply (UPS) room, raised access floors, secured entrances, and more.

This building also includes a Dispatch Center with a dispatch room, radio room, and a computer rooms with raised access floors. Furthermore, the detachment has a two-bay garage, several offices, squad bay for 25 Troopers w/workstations, receptionist area, file rooms, dayroom, evidence room, 30 lockers, conference rooms, processing room, witness interview room, and more.

There are multiple energy-efficient and sustainable design aspects to the building. The Detachment uses a daylight clearstory to let natural daylight into the internal squad and conference rooms. This is the first time Insulated Concrete Forms (ICF) have been used for State Police Buildings; ICF's are an almost perfect fit since they are cost effective to construct, energy efficient, and secure. The HVAC System included the installation of 2 high efficiency condensing boilers, pumps with variable speed drive control, custom air handling unit with DX (remote condensing unit) and hot water coils, variable air volume boxes with hot water heating coils, computer room units with remote condensing units, and direct digital controls.



Lights Turned Off -
Showing Natural Day-Lighting

WVSP ACADEMY'S PHYSICAL TRAINING & WELLNESS FACILITY

WEST VIRGINIA STATE POLICE



CLIENT

West Virginia State Police

LOCATION

Dunbar, WV

PROJECT DATA

12,544 SF

\$1.85 M



McKINLEY
ARCHITECTURE • ENGINEERING

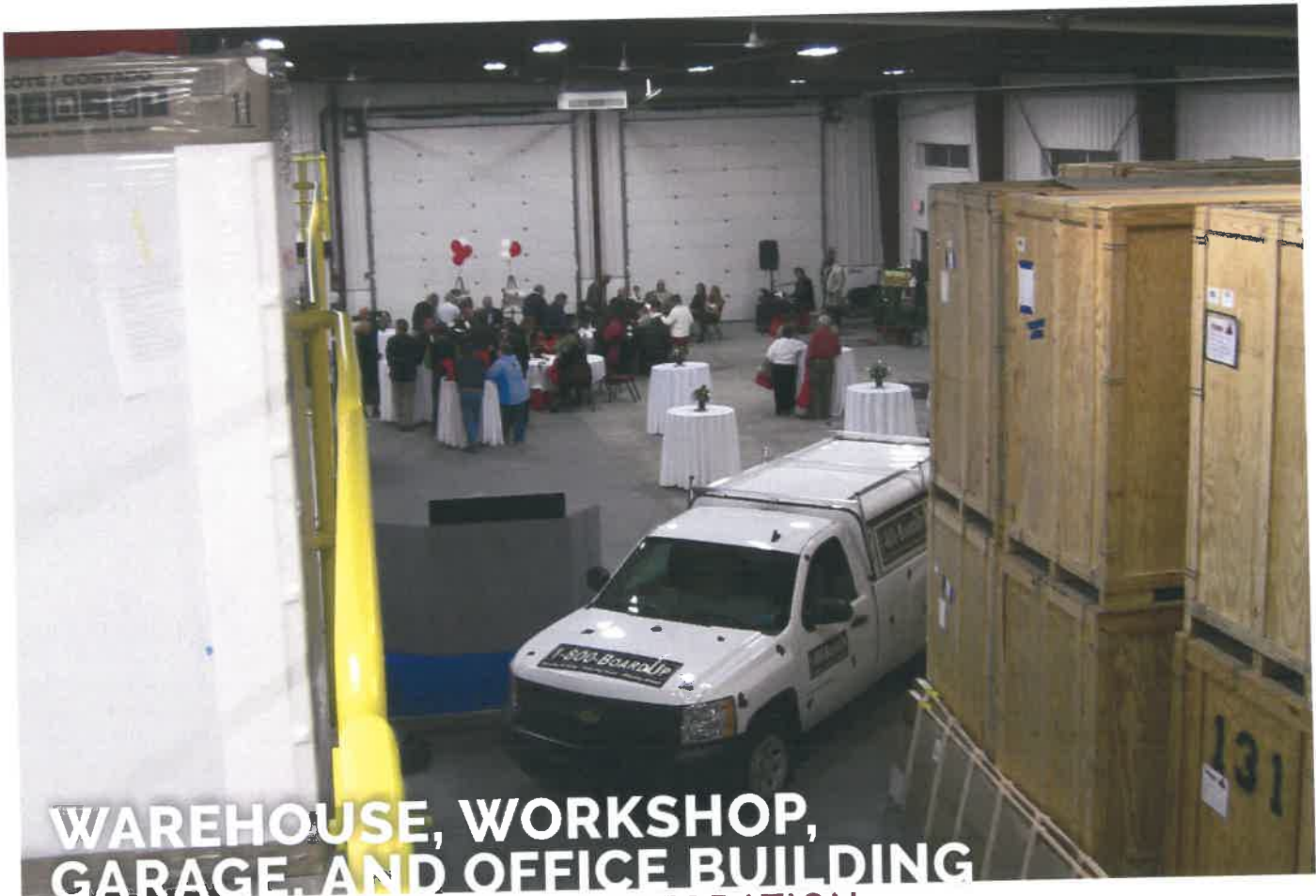
We completed campus-wide improvement projects for the WV State Police Academy which included 5 buildings, and was completed in phases, on a building-by-building basis. This included the renovation of 3 existing dormitory/classroom buildings, the demo of a shooting range and replacing that building with a brand new upgraded shooting range control center, and this new Physical Training & Wellness Facility / Multi-Purpose Building.

This building includes a gymnasium, workout and wellness rooms, locker rooms, an office, server room, and more. Everything was designed to be functional; for example, there are various interior windows throughout so an instructor could have cadets doing weights, cardio, and be in the gym - utilizing all portions of the building at the same time - and the instructor could still simultaneously supervise all three groups.

The 5,500 SF gymnasium is comprised of a full-size basketball court with retractable basketball goals, an indoor track integrated into the gym floor, ceiling-mounted speakers for when they are in assembly, and storage room.

For wellness, there is a 1,100 SF strength training / weight room with a large storage room with kettle bells, weigh machines and dumbbells from 5 pounds to 120 pounds apiece. Next to this is a 1,100 SF cardio training room with dozens of cardiovascular equipment. Next to the cardio is a 784 SF "Force on Force" physical training room with mixed-martial art grade mats in a completely padded room. There are adjacent mens & womens locker rooms.

Furthermore, this was built with energy efficiency in mind, with the use of natural daylighting, self-supporting translucent 2 "skyroofs" in the gymnasium, kalwalls, and more. The occupancy sensors in every room, and skylight photo sensors in the gym, save an average of 40% on energy costs.



WAREHOUSE, WORKSHOP, GARAGE, AND OFFICE BUILDING PANHANDLE CLEANING & RESTORATION



CLIENT

Panhandle Cleaning & Restoration

LOCATION

Wheeling, WV

PROJECT DATA

32,000 SF

\$3.5 M

Panhandle invested in a renovation and a new prefabricated metal building expansion project for a warehouse, workshop, garage, and office building. This renovation / expansion addition of the original business now allows Panhandle to employ about 100 workers.

The warehouse's exterior measures 130'x200', which includes a 6,400 SF 2-story workshop mezzanine within the structure, providing 32,000 total SF.

There are multiple bays and loading docks around this structure; the garages fit vehicles of various sizes.

The exterior warehouse walls are finished with masonry infill and metal siding. Interior space varies between 20' - 30' clear height of the metal structure.

Panhandle required specialized components and considerations we had to design, such as flex spaces, flooring, roller conveyors, casework, workbenches, various countertop heights, mobile rolling racks, rinse stations, and specialty MEP systems to name a few.





CLIENT

Berkeley County Schools

LOCATION

Berkeley County, WV

PROJECT DATA

\$150.0 M

For the November 8, 2022 general election ballot, McKinley Architecture and Engineering completed Pre-Bond Services that lead to the successful bond passage for Berkeley County Schools.

The bond total was for \$125 million and when combined with funding from the School Building Authority the total will be over \$150 million.

We are now in the process of designing several project county-wide, and some projects are under construction.

These include new construction, renovations, and additions as well as major repairs, replacements, updates, improvements and/or enhancements of current facilities and/or athletics.

Projects include working at: Back Creek Valley Elementary School, Burke Street Elementary School, NEW Falling Waters Elementary School, Hedgesville Elementary School, Hedgesville High School, Hedgesville High School Football Field, NEW Hedgesville PK School, NEW Inwood PK School, Martinsburg High School, Martinsburg High School Athletics, Martinsburg Softball Field, NEW Mountain Ridge Elementary School, Musselman Middle School, Musselman Track-Football Field, Potomack Intermediate School, Spring Mills Athletics, Tomahawk Intermediate School, Winchester Elementary School, and more.



REFERENCES

We feel that the best way to demonstrate our strengths and leadership in Martinsburg projects, public safety facilities, fire stations, and similar Architectural/Engineering design is by referring to our clients. We also have an ever-growing list of repeat clients, which include having multiple open-end contracts with organizations; we are able to respond to their needs, and we are certain that we are able to respond to all of your needs as well. So that you don't only have to take our word for it; here is a list of references that we encourage you to call (we would be happy to provide more references, if requested):

County-Wide Projects

Mr. Ronald E. Stephens, IV
Berkeley County Schools
1453 Winchester Avenue
Martinsburg, WV 25405
(304) 267-3500

State Fire Training Academy

Mr. Murrey Loflin
WVU Fire Extension Services
2600 Old Mill Road
Weston, WV 26452
(304) 269-0872

Municipal / Public Safety Bldg

Mr. Rick Healy
City of Moundsville
800 6th Street
Moundsville, WV 26041
(304) 845-6300

Warehouse, Garage, and Office Building

Mr. Bob Contraguerro, Jr.
Panhandle Cleaning and Restoration
42 38th Street
Wheeling, WV 26003
(304) 232-2321





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

Proc Folder: 1447309

Doc Description: Martinsburg Readiness Center Addition/Alteration Design EOI

Reason for Modification:

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2024-06-11	2024-06-25 13:30	CEOI 0603 ADJ2400000005	1

BID RECEIVING LOCATION

BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON ST E

CHARLESTON WV 25305

US

VENDOR

Vendor Customer Code: *000000206862

Vendor Name : McKinley Architecture and Engineering

Address :

Street : 129 Summers Street - Suite 201

City : Charleston

State : West Virginia

Country : USA

Zip : 25301

Principal Contact : Ernest Dellatorre

Vendor Contact Phone: (304) 340-4267

Extension: 115

FOR INFORMATION CONTACT THE BUYER

David H Pauline

304-558-0067

david.h.pauline@wv.gov

Vendor
Signature X

FEIN# 55-0696478

DATE June 24, 2024

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

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

(Printed Name and Title) Ernest Dellatorre, Director of Business Development

(Address) 129 Summers Street - Suite 201, Charleston, West Virginia 25301

(Phone Number) / (Fax Number) (304) 830-5359 | (304) 233-4613

(email address) edellatorre@mckinleydelivers.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 this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; 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.

McKinley Architecture and Engineering

(Company)

(Signature of Authorized Representative)

Ernest Dellatorre, Director of Business Development

June 24, 2024

(Printed Name and Title of Authorized Representative) (Date)

(304) 830-5359 | (304) 233-4613

(Phone Number) (Fax Number)

edellatorre@mckinleydelivers.com

(Email Address)