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CEOI 0603 ADJ2600000006

West Virginia Army National Guard
General Instruction Building Design
Camp Dawson Training Center

McKINLEY
ARCHITECTURE + ENGINEERING

**EXPERIENCE.
INNOVATION.
DELIVERED.**



12 March 2026

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

Re: CEOI 0603 ADJ2600000006

Dear Mr. Pauline and Members of the Selection Team,

What a great opportunity for Camp Dawson! McKinley Architecture and Engineering are pleased to provide the Acquisitions and Contract Administration Section of the Purchasing Division, on behalf of the West Virginia Army National Guard, Construction and Facilities Management Office, with our Expression of Interest to provide professional architectural and engineering design services for a new AITEC General Instruction Building on the Camp Dawson garrison. As you review this submission, we emphasize the following strengths of McKinley Architecture and Engineering with respect to your project:

McKinley Architecture and Engineering has been providing design services since 1981. With offices in Wheeling, Charleston, Martinsburg, and Middlebourne, WV, as well as Marietta, OH, and Pittsburgh and Mars, PA, we support a professional staff which includes **Architects, Mechanical-Electrical-Plumbing-Civil Engineers, Project Managers, Interior Designers, Sports Architecture Designers, Landscape Architects, Construction Contract Administrators, Historic Preservationist**, and more. We also have an **Accredited Learning Environment Planner (one of only 5 in West Virginia!)**, and also have **Recognized Educational Facility Planner** on staff that are designated by the **Association for Learning Environments!** Furthermore, our staff also includes several **LEED Accredited Professionals** that can add **high performance schools** components and **energy efficient** features into your project.

We have recently announced the merger with MCF Architecture in Pittsburgh, PA. MCF has been in business for 135 years and is the 17th longest running full-service architectural firm in the U.S. With this merger the combined firm totals **over 100 employees**, providing full service architectural and engineering design, interior design, and construction administration services.

We are excited to announce that for the **4th consecutive year** we are a member of PSMJ's **Circle of Excellence** as a **Platinum Member** as one of the **top-performing Architecture and Engineering firms in the nation**. We are also a winner of PSMJ's **A/E/C Employer of Choice Award** for the **3rd consecutive year**, 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 Giants 400 Report** as a Top Architecture/Engineering Firm for the **3rd consecutive year**. Furthermore, we are also pleased to announce that for the **6th consecutive year**, McKinley **nationally ranks** and appears on the **Inc. 5000 list** the **most prestigious ranking of the nation's fastest-growing private companies**.

McKinley takes great pride in our designs, and **“Educational Facilities”** are the primary focus market for our Firm. We currently support clients on a number of significant school building projects that illustrate this ability. We have designed **over \$2 billion** worth of projects to hundreds of school facilities in over half of West Virginia’s 55 counties, and have worked on several projects in Ohio and Pennsylvania as well. Our experience includes multiple types of **new schools**, as well as **addition/renovation projects within the educational sector**, which allow us to use those experiences in your project.

McKinley prides itself on knowing the **newest technologies in school design** and we know **how and when to apply them cost effectively**. We designed the first LEED Certified School in WV, the newest technologies in HVAC and engineering systems design, a project that is Collaborative for High Performance School (CHPS) Registered, projects listed on the U.S. Environmental Protection Agency’s ENERGY STAR program, 2 U.S. Department of Education Green Ribbon Schools, Governor’s Award for Leadership in Buildings Energy Efficiency, and NCWV Media’s Public Project of the Year, among other **State and National awards, recognitions, and accomplishments**.

In closing, one of the more exciting aspects of our job is listening to **you**, our client, in how you envision this projects, 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**. So that you don’t only have to take our word for it; 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 your project designed and constructed. Thank you for reviewing our submission and considering McKinley Architecture and Engineering. We are excited about the possibility of working with you.

Personal Regards,



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

FIRM PROFILE

HISTORY

McKinley Architecture and Engineering is a multi-discipline full service A/E firm offering comprehensive professional services in architecture, engineering, project management, learning environment and educational facility planning, interior design, landscape architecture, sports and entertainment, historic preservation, and construction contract administration.

McKinley has merged with MCF Architecture out of Pittsburgh, PA, who brings 135 years of experience to the team. With this merger the combined firms total nearly 100 employees.

We have a broad range of skill and experience for projects involving PK-12 schools, career and technical centers, higher education, public safety, sports and entertainment, municipal, governmental, civic, health care, and commercial markets.

McKinley has made the 2020, 2021, 2022, 2023, 2024, and 2025 Inc. 5000 lists of the nation's fastest-growing private companies. We qualified for PSMJ's 2022, 2023, 2024, and 2025 Circle of Excellence as a Platinum Member as one of the top-performing Architecture and Engineering firms in the nation, and PSMJ's 2023, 2024, and 2025 A/E/C Employer of Choice Award. We also made the Building Design + Construction's 2023, 2024, and 2025 Giants 400 Report as a Top A/E Firm.



OFFICES

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

250 Front Street
Marietta, OH 45750
(740) 651-8290

202 Main Street, P.O. Box 3
Middlebourne, WV 26149
(304) 830-5364

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

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

910 Sheraton Drive, Suite 200
Mars, PA 16046
(724) 719-6975

437 Grant Street, Suite 1600
Pittsburgh, PA 15219
(412) 281-6568



CONTACTS

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

John R. Jefferis, LEED AP, CCM, MPM
Director of Project Management
jjefferis@mckinleydelivers.com
(304) 238-9410

Patrick J. Rymer, AIA, ALEP
Director of Architectural Services
prymer@mckinleydelivers.com
(304) 830-5364

Kurt A. Scheer, PE, LEED AP
Director of Engineering Services
kscheer@mckinleydelivers.com
(724) 759-7903

SERVICES

- Architecture
- Engineering
- Architectural/Engineering Design
- Project Management
- Learning Environment Planning
- Educational Facility Planning
- Sports and Entertainment
- Interior Design
- Historic Preservation
- Landscape Architecture
- Sustainable Design
- Construction Contract Administration

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.

Budget & Timeline Management

- Bi-Weekly Design Meetings for all Projects
- Sprint Scheduling includes 400+ task required to complete a Project
- Enhanced REVIT processes and Quality Control
- Bluebeam Review (Quality Control)
- Microsoft 365 & SharePoint (Moved from On-site Server to Cloud Based Server)
- Part3 (CA): RFI's, Submittals, Pay Applications, Field Reports, Meeting Minutes, ASI's, Changes, etc. All accessible by



Task Name	Assigned	Assigned	Assigned	Duration	Start	Finish
Project Name				668 days	Mon 1/22/24	Wed 8/12/26
Design Process	Sr. Arch	Proj Arch	PM	190 days	Mon 1/22/24	Fri 10/11/24
SCHEMATIC DESIGN PHASE	Sr. Arch	Proj Arch	PM	60 days	Mon 1/22/24	Fri 4/12/24
Sprint 1 Start				10 days	Mon 1/22/24	Fri 2/2/24
DEVELOP MOCK DRAWING SET	Sr. Arch	Proj Arch		10 days	Mon 1/22/24	Fri 2/2/24
DEVELOP CONCEPT PLANS - SD - Plan orientation on drawings	Sr. Arch	Proj Arch		10 days	Mon 1/22/24	Fri 2/2/24
DEVELOP CONCEPT SITE LAYOUT - SD - Orientation	Civil	Sr. Arch	Proj Arch	10 days	Mon 1/22/24	Fri 2/2/24
Architect&Civil Engineer/ Site requirements/ Utilities/ Parking/ Drives/ Grading/ Stormwater	Civil	Proj Arch	PM	10 days	Mon 1/22/24	Fri 2/2/24
Architect to coordinate MEP Review MEP Spaces / Chases / IT Closets / EL Closets / Utility Entrances / ETC - SD	Proj Arch	Drafting	All Eng	10 days	Mon 1/22/24	Fri 2/2/24
Review of site requirements/ Geotec/ Environmental/Fire Service	Civil	Proj Arch	PM	10 days	Mon 1/22/24	Fri 2/2/24
Review Program of spaces	Sr. Arch	Proj Arch	PM	10 days	Mon 1/22/24	Fri 2/2/24
School -Check against WVDOE Policy 6200	Sr. Arch			10 days	Mon 1/22/24	Fri 2/2/24
School -Check Pick up and Drop off loops, Play GroundAreas, Sport Fields	Sr. Arch	Proj Arch	Civil	10 days	Mon 1/22/24	Fri 2/2/24
Utility Requirements	All Eng			10 days	Mon 1/22/24	Fri 2/2/24
Fire Code Review	Sr. Arch	Proj Arch		10 days	Mon 1/22/24	Fri 2/2/24
ADA Review	Sr. Arch	Proj Arch		10 days	Mon 1/22/24	Fri 2/2/24
DEVELOPED FLOOR PLAN/SITE PLAN READY FOR REVIEW W/ OWNER				0 days	Fri 2/2/24	Fri 2/2/24
Sprint 2 Start				10 days	Mon 2/5/24	Fri 2/16/24

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.

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.



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 educational, commercial and governmental office 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.



SPORTS AND RECREATION MASTER PLANNING & DESIGN

We provide the total sports architecture and recreation specialist team. Whether renovating an existing facility, building a new complex, or developing a marketing package our team of sports professionals will take your Vision to Reality.

We believe performance is everything. Our sports and recreation facilities are designed to bring out the highest performance level of your team. Our facilities, pools, parks, fields, grandstands, scoreboards, lighting, courts, tracks, and training centers are the pinnacle combination of material and design performance.

Our facilities create the exciting atmosphere needed to make your complex stand out among the rest.

Our designs are developed through a team effort, by assessing the users' needs and visions, then combining that information with their "hands on" sports construction experience. The result is a custom sports complex, designed to be built to the specific needs of your community.

We have provided master planning and development reports for both municipal and private organizations. Our master plans focus on not only the future design possibilities but also the total development cost and potential. Our site development services combine thorough civil engineering with sustainable landscape architecture, resulting in site designs which fit the environment as well as the development.



LEARNING ENVIRONMENT & EDUCATIONAL FACILITY PLANNING

For 2 employees, the Association for Learning Environments (formerly Council of Educational Facility Planners International) awarded them with prestigious educational designations:

- Patrick J. Rymer, AIA, ALEP (CEFP), NCARB earned the Accredited Learning Environment Planner (ALEP - formerly Educational Facility Planner or CEFP) designation
- Thomas R. Worledge, AIA, LEED AP BD+C, REFP has earned the Recognized Educational Facility Planner (REFP) designation

These are marks of excellence developed to reflect the knowledge, skills and abilities of competent learning environment and educational facility planners. The credentials were designed to elevate professional standards, enhance individual performance, and identify those in the educational environment industry who demonstrate the core competencies essential to the practice of planning, designing, equipping and maintaining educational environments.



Mr. Rymer is in the inaugural class of CEFPs / ALEPs, and there are only 350 people who have earned this designation world-wide. Earning the ALEP credential is the hallmark of a committed educational facility planner. The A4LE observed that "An individual who has been certified by A4LE has achieved the highest qualification in our profession. Clients can appoint ALEPs with confidence that they have been examined for competence by our association."

AWARD-WINNING EDUCATIONAL DESIGNS

Within the past few years McKinley Architecture and Engineering has won multiple local, State, and even National awards and recognitions for our educational projects.

Some of our honors for PK-12 projects include:

- Outstanding Design by the American School & University Magazine's Architectural Portfolio
- U.S. Department of Education Green Ribbon Schools (x2)
- Black Bear Award for the Highest Achievement for the WV Department of Education's Green Ribbon Schools program (x2)
- WV Department of Environmental Protection's Clean Energy Environmental Award
- Placemaker Awards from the WV GreenWorks (x4)
- NCWV Media's Public Project of the Year
- First LEED Certified School in the State of West Virginia



PROJECT APPROACH

The work to be performed by your design team is very clear; to evaluate, prioritize and design within budget and schedule to meet the needs of the **West Virginia Army National Guard, Construction and Facilities Management Office**, and the teachers and students at **Camp Dawson**. Over the years, McKinley Architecture and Engineering has planned and designed a **multitude new schools** all across West Virginia, as well as renovations/repairs.

McKinley Architecture and Engineering specializes in **educational planning and design**, which makes up about 90% of our business. Since 1981, we have designed **over \$2 Billion** worth of educational and training projects. We have provided design services for numerous **PK-12 schools, career and technical centers, and colleges/universities** in the States of West Virginia, Ohio, and Pennsylvania. Not only have we won multiple State awards and recognitions for our educational design, we have also won many **National awards and recognitions for our educational design**. We offer a multi-discipline approach to planning and design, because our architects and engineers are both in house we can offer a more refined approach to building planning, programming and design.

McKinley is on the forefront of innovative school design. We are the Industry Leaders. Here are some of our "firsts" in West Virginia: 1st LEED Certified School, 1st Honors Academy / STEM Lab in the State, 1st Performing Arts Center Funded by the SBA, 1st SBA Project Funded with Operating Levy Funds, 1st SBA Project Funded using an Energy Performance Contract as Local Funds, 1st Chilled Beam HVAC System, 1st Animal Vet Science Center, etc.

Our staff knows how to plan for **technology** and **energy efficiency** as well as for the **educational goals**. Our schools include "High Performance School" components, healthy / sustainable "energy efficient" design elements, BIM modeling, etc. Furthermore, our **LEED Accredited Professionals** can help choose energy efficient solutions, such as energy efficient HVAC systems, LED lighting, locally sourced material, etc.

As mentioned, within the past few years McKinley Architecture and Engineering has **won multiple local, State, and even National awards and recognitions for our educational projects**, which we feel is worth noting. Some of our honors for educational and training projects include: West Virginia Department of Environmental Protection's Clean Energy Environmental Award, Black Bear Award for the Highest Achievement for the West Virginia Department of Education's Green Ribbon Schools program (x2), U.S. Department of Education Green Ribbon Schools (x2), Placemaker Award for Leadership of/for Place from the West Virginia GreenWorks, Placemaker Award for Innovation from West Virginia GreenWorks, Outstanding Design by the American School & University Magazine's Architectural Portfolio, NCWV Media's Public Project of the Year, and additional educational awards and recognitions which aren't listed/shown! We also had the first LEED Certified school in the State of West Virginia (awarded May 2011). McKinley Architecture and Engineering was presented with the 2019 Governor's Award for Leadership in Buildings Energy Efficiency at the Innovation & Entrepreneurship Day at the Capitol! 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. Furthermore, we have designed 4 projects (including 3 schools) listed on the U.S. Environmental Protection Agency's ENERGY STAR program. To receive an ENERGY STAR, you need to perform in the top 25% of the most energy efficient projects in the program.

As we all understand, there are inherent issues and challenges to any construction project. That is why it is important to define them from the start, so that they can be encountered as early as possible and effectively addressed during the proper phases of construction. Therefore, we begin each project with on-site investigations, review of the existing conditions, and study of any early planning and existing documentation/drawings. Our approach to design requires a dialog with the owners and the end users of the facility, **so kickoff meetings will be held with all available West Virginia Army National Guard, Construction and Facilities Management Office members, along with representatives of Camp Dawson**, and conduct a site walkthrough with our design professionals. From this on-site meeting and investigation of the site, we will understand the potential challenges of the project.

Some potential challenges of a new building, which the McKinley Team has the experience to overcome, could include physical limitations of the site, if the site is in a flood plain, steep terrain, poor soil conditions, environmental conditions, and/or and issues with storm drainage. To address these items, we will focus on finding the issues early, conducting open and frank discussions about solutions, and brainstorm to develop the most appropriate solution that can be accomplished with the available funds.

For one recent example, we completed the new Johnson Elementary School for Harrison County Schools, which is located on a restricted and tight site of only 6.5 acres on their existing campus, so the building, student drop-off road, bus loop, and parking all had to be planned accordingly to fit the site. The school was also being built in a flood plain; therefore, after coordination and negotiations with FEMA, the building was designed with the foundations raised about 7' to accommodate the new school and bring it above of the flood plain. While in construction, in April 2018, there was heavy rains and flooding in the city, which provided an opportunity to see how the raised area on which the new building is located would withstand flooding - since we designed it to be raised so high, the floodwaters didn't come close to touching the back of the school, but it did cover the adjacent athletic fields.

A new AITEC General Instruction Building will afford the students of the Army Interagency Training and Education Center a safe, technology proficient building in which to learn. This facility will have modern classrooms, updated technology, hands-on training, and more space for students to learn and grow. The completion of a new building will **improve the health and safety of students** with improved ventilation, secure entrance and windows, fire alarms, sprinkler systems, security cameras, etc. There will be a **high efficiency HVAC system** and high efficiency electrical service with upgraded light and safety alarm systems; this will provide a **modern facility with up-to-date infrastructure and efficient systems**. The school will be fully ADA accessible. The **latest technology** to monitor usage and preventative maintenance will be in place. **These factors will lead to improved academic achievement, as well as a more positive and productive learning environment.**

We have to achieve multiple goals when designing new school buildings, such as developing an efficient and flexible program that can readily accommodate changes in curriculum and technology; designing quality spaces as a component of the success of the program; providing a robust engineering infrastructure that supports changes over the life of the structure; considering sustainable components that promote health and efficiency; carefully measuring and testing all of the desires and requirements against the available budget; as well as integrating all of the criteria to provide a balanced and holistic design solution.

To do all of this, we use an integrated approach to the planning and design. We conduct a series of Design Workshops to test each goal and desire and promote consensus among the stake holders. With these workshops we develop the vision for the project, and guidelines on how we are going to achieve that vision.

Gathering all of this information at the beginning, addressing your county's unique needs, studying your existing conditions, coordinating with the WVARNG, sitting down with your staff to define the parameters for the final design, and visiting the site prior to the planning and design are essential to a successful project. This method allows our designers to know the scope of the project before they offer potential design solutions.

By using this communication/coordination focused approach from the onset of every project, McKinley Architecture and Engineering has achieved great success in all types of projects. Also, with our experience in designing similar projects, vast understanding of learning environment and educational facilities planning, knowledge of codes, and our great working relationship with various State agencies; we are confident that we have the talent and technology needed to make your project successful. **We are available to start immediately upon our being selected. We can and will perform for you on time.**

PROJECT TEAM



PROJECT MANAGEMENT TEAM

	<p>JOHN JEFFERIS LEED AP, CCM, MPM DIRECTOR PROJECT MANAGEMENT MCKINLEY</p>		<p>DAVID CRUPE EIT, CPM ASSOCIATE PROJECT MANAGER MCKINLEY</p>
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ARCHITECTURAL TEAM

	<p>PATRICK RYMER AIA, ALEP (CEFP), NCARB DIRECTOR OF ARCHITECTURE MCKINLEY</p>		<p>AARON LARIMORE RA, NCARB ARCHITECT MCKINLEY</p>		<p>ALY MITTON INTERIOR DESIGNER MCKINLEY</p>
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ENGINEERING TEAM

	<p>KURT SCHEER PE, LEED AP DIRECTOR OF ENGINEERING HVAC MCKINLEY</p>		<p>TYLER EPPLEY PE CIVIL ENGINEER, LEAD MCKINLEY</p>		<p>ALAN GABER PE SENIOR ELECTRICAL ENGINEER MCKINLEY</p>
	<p>SCOTT KAIN DIRECTOR ENG. PRODUCTION MCKINLEY</p>		<p>MICHAEL CLARK SENIOR ELECTRICAL DESIGNER MCKINLEY</p>		<p>DAVID ULLOM FIRE PROTECTION DESIGNER MCKINLEY</p>

CONSTRUCTION CONTRACT ADMINISTRATION

	<p>BOB SMITH CONSTRUCTION ADMINISTRATOR MCKINLEY</p>
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**McKinley is willing to dedicate more professionals if they are needed; including more Architects, Engineers, Designers, Interior Designers, LEED Accredited Professionals, CAs, and more.*



JOHN R. JEFFERIS

LEED AP, CCM, MPM

DIRECTOR OF PROJECT MANAGEMENT / LEED ACCREDITED PROFESSIONAL

Mr. Jefferis, our Director of Project Management, is responsible for the coordination and completion of projects on time, on budget, and within scope. He will ensure instruments of service are meeting contractual requirements and 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 time, which ensures accurate reporting to the client and management. John 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

28 years

SELECTED EXPERIENCE

Barnesville Exempted Village Schools

Barnesville, OH
Barnesville High Football Field

Berkeley County Schools

Martinsburg, WV
New Falling Waters Elementary School

Berkeley County Schools

Hedgesville, WV
New Hedgesville PK School

Berkeley County Schools

Inwood, WV
New Inwood PK School

Berkeley County Schools

Martinsburg, WV
Martinsburg High School renovations

Berkeley County Schools

Gerrardstown, WV
New Mountain Ridge Elementary School

Berkeley County Schools

Inwood, WV
Musselman High Track / Football Field

Berkeley County Schools

Martinsburg, WV
Spring Mills High 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 Multi-Sport Complex

Harrison County Schools

Harrison County, WV
County-Wide HVAC renovations

Harrison County Schools

Nutter Fort, WV
Nutter Fort School classroom addition

Harrison County Schools

Clarksburg, WV
Robert C. Byrd High School renovations

Harrison County Schools

Bridgeport, WV
Simpson Elementary School additions and renovations

Hempfield Area School District

Greensburg, PA
Owner's Representative for High School project

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
New Lubeck Elementary School



**DAVID
CRUPE** EIT, CPM
ASSOCIATE PROJECT MANAGER

Mr. Crupe is a results-driven Associate Project Manager with 5 years of both commercial and high-end residential construction totaling more than \$100M. He has a proven track record of successful planning, executing, and delivering multi-disciplinary projects. Skilled at applying engineering principles to solve real-world challenges, ensuring projects are completed on time and within budget, without sacrificing ethics. Possesses a growing knowledge of construction methodologies, codes, and regulations with a commitment to driving project success and exceeding client expectations.



EDUCATION

West Virginia University
B.S. Civil Engineering with minor in
Business Administration

**PROFESSIONAL AFFILIATIONS &
REGISTRATIONS**

CPM
CRLA Level III Certified Tutor
Contractor's Association of WV
OSHA 10
EIT – NRCCE, PE Track
ABCWV Young Professionals Org. &
Certified PM (Callidus Group)

YEARS OF EXPERIENCE

5 years

SELECTED EXPERIENCE

Braxton County Schools

Sutton, WV
Braxton County Middle School
domestic water system

Buckeye Local School District

Dillonvale, OH
Buckeye Local Schools Outdoor
Sports

Fayette County Schools

Oak Hill, WV
Fayette Institute of Technology
renovations

Fayette County Schools

Hico, WV
Midland Trail High School
Baseball/Softball Field

Fort Cherry School District

McDonald, PA
Fort Cherry High School stadium
field-track renovations

Harrison County Schools

Clarksburg, WV
Robert C. Byrd High School
renovations

Marion County Schools

Fairmont, WV
SAS Secure Entrances

Marion County Schools

Fairmont, WV
East Dale Elementary School
renovations

Marion County Schools

Fairmont, WV
East Fairmont High School
structural analysis and roof

Marion County Schools

Fairmont, WV
Mannington Middle School
structural study

Monongalia County Schools

Morgantown, WV
Morgantown High School
renovations

Monroe County Schools

Lindside, WV
James Monroe High School
Technical Center

Monroe County Schools

Lindside, WV
Board of Education Office parking
lot and road paving

Putnam County Schools

Hurricane, WV
Hurricane High School Athletic
Fields Upgrades

Putnam County Schools

Poca, WV
Poca High School Athletic Fields
Upgrades

Putnam County Schools

Winfield, WV
Winfield High School Athletic
Fields Upgrades

Ridgewood Local Schools

West Lafayette, OH
Ridgewood High School Sports
Fields Complex

West Virginia University

Morgantown, WV
Mountaineer Field practice facility



PATRICK J. RYMER

AIA, ALEP (CEFP), NCARB

DIRECTOR OF ARCHITECTURAL SERVICES / LEARNING ENVIRONMENT PLANNER

Mr. Rymer, our Director of Architectural Services, brings over 25 years experience in the building design and construction industry, which includes being the Architect on multiple educational projects. He is in the inaugural class of Accredited Learning Environment Planners as designated by the Association for Learning Environments. The ALEP credential is a mark of excellence developed to reflect the knowledge, skills and abilities of a competent educational and learning environment facility planner. Patrick's recent experience includes project management of several educational projects, and has an intimate understanding of design on a holistic level.



EDUCATION

University of Tennessee
Bachelor of Architecture
Memphis Center for Design

PROFESSIONAL AFFILIATIONS & REGISTRATIONS

Registered Architect in:
West Virginia
Ohio

Member:
American Institute of Architects
Accredited Learning Environment
Planner (formerly known as Certified
Educational Facility Professional)
NCARB
IDP
ArchNet

YEARS OF EXPERIENCE

27 years

SELECTED EXPERIENCE

Comprehensive Educational Facilities Plans:
Boone, Hampshire, Harrison, Marshall, Mason, Ohio, Tyler, Wetzel, & Wyoming Counties

Brooke County Schools
Wellsburg, WV
New Brooke Middle School

Brooke County Schools
Wellsburg, WV
Advanced Learning Center

Hampshire County Schools
Capon Bridge, WV
Capon Bridge Elementary School
gymnasium addition

Hampshire County Schools
Romney, WV
Hampshire High 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

Hancock County Schools
New Cumberland, WV
Oak Glen Elementary School
renovations

Hancock County Schools
New Cumberland, WV
Oak Glen Middle School addition and
renovation

Marshall County Schools
Cameron, WV
New Cameron Middle / High
School

Marshall County Schools
Cameron, WV
Cameron Elementary School
renovations

Ohio County Schools
Wheeling, WV
Wheeling Park High School
additions and renovations

Tyler County Schools
Sistersville, WV
Headhouse addition

Tyler County Schools
Sistersville, WV
Tyler Consolidated MS/HS
renovations

Tyler County Schools
Sistersville, WV
New Bus Maintenance Facility

Wetzel County Schools
New Martinsville, WV
Magnolia High School addition
and renovations

Wetzel County Schools
New Martinsville, WV
New Martinsville School
renovations



AARON LARIMORE

RA, NCARB
ARCHITECT

Mr. Larimore is a collaborative and dependable Architect who has experience with a variety of projects including commercial, educational and residential building types, both of new construction and renovation. He has accomplished project design and production of construction documents and construction administration, with an emphasis on personal service and meeting deadlines. Aaron is skilled in AutoCAD Architecture, Microstation v8 2-D drafting and 3-D modeling software, SketchUp 3-D modeling software, Adobe Photoshop, as well as hand drafting and hand-built models.



EDUCATION

Kent State University
Bachelor of Architecture

PROFESSIONAL AFFILIATIONS & REGISTRATIONS

Registered Architect in:
New Jersey
New York
Pennsylvania
West Virginia

Member:
The American Institute of Architects
NCARB

Board Member, Coach, and Registrar:
ABE Soccer Association

YEARS OF EXPERIENCE

28 years

SELECTED EXPERIENCE

Berkeley County School
Hedgesville, WV
Back Creek Valley Elementary School

Berkeley County School
Martinsburg, WV
Burke Street Elementary School

Berkeley County School
Hedgesville, WV
Hedgesville PK School

Berkeley County School
Inwood, WV
Inwood PK School

Berkeley County School
Hedgesville, WV
Tomahawk Intermediate School

Berkeley County School
Martinsburg, WV
Winchester Elementary School

Hampshire County Schools
Capon Bridge, WV
Capon Bridge Elementary School gymnasium

Hancock County Schools
Weirton, WV
Weir High School gymnasium

Harrison County Schools
Clarksburg, WV
Victory / Gore Elementary School build-out

Marshall County Schools
Benwood, WV
New Benwood-McMechen Elementary School

Marshall County Schools
ESSERF projects

Ohio County Schools
Wheeling, WV
Elm Grove Elementary School renovations

Ohio County Schools
Wheeling, WV
Middle Creek Elementary School renovations

Ohio County Schools
Wheeling, WV
Warwood School renovations

Ohio County Schools
Wheeling, WV
Wheeling Park High School addition and renovations

Ohio County Schools
Wheeling, WV
Woodsdale Elementary School addition and renovations

Steubenville City School District
Steubenville, OH
Steubenville High School renovations

Tyler County Schools
Middlebourne, WV
New Tyler County Elementary School

Wetzel County Schools
Paden City, WV
Paden City Elementary School multi-purpose building

Wetzel County Schools
New Martinsville, WV
Bus Maintenance Facility

Glennville State University
Glennville, WV
School of Health Sciences



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

9 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

Fayette County Schools

Hico, WV
New Midland Trail Elementary School

Tyler County Schools

Middlebourne, WV
New Tyler County Elementary School

Wood County Schools

Parkersburg, WV
New Lubeck Elementary School

Wood County Schools

Parkersburg, WV
Music & Arts Improvements

Wyoming County Schools

Mullens, WV
New Mullens PK-8 School

City of Weirton

Weirton, WV
Park Drive/Three Springs Drive development

State of West Virginia

Logan, WV
Building 55: State Office Complex build-out renovations

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

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

**previous work experience with a firm other than McKinley Architecture and Engineering*



KURT SCHEER

PE, LEED AP

DIRECTOR OF ENGINEERING SERVICES / MECHANICAL ENGINEER

Kurt is a Mechanical Engineer with 23 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. Mr. Scheer's presence as Director of Engineering Services will be key in the coordination of all of the engineering systems within the design.



EDUCATION

Penn State University
B.S. Architectural Engineering

PROFESSIONAL AFFILIATIONS & REGISTRATIONS

Registered Engineering in:
New Jersey
Pennsylvania
West Virginia

Member:
US Green Building Council

ASHRAE

ASPE

YEARS OF EXPERIENCE

23 years

SELECTED EXPERIENCE

Berkeley County Schools

Martinsburg, WV
Spring Mills High School Athletics

Cabell County Schools

Milton, WV
New Milton Elementary School

Clay County Schools

Clay, WV
Clay Elementary School HVAC renovation

Fayette County Schools

Oak Hill, WV
Fayette Institute of Technology renovations

Fayette County Schools

Meadow Bridge, WV
New Meadow Bridge PK-12 School

Fayette County Schools

Hico, WV
New Midland Trail Elementary School

Hampshire County Schools

Stanesville, 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

Harrison County Schools

Harrison County, WV
County-Wide HVAC renovations

Harrison County Schools

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

Harrison County Schools

Lost Creek, WV
New Lost Creek Elementary School

Marshall County Schools

Benwood, WV
New Benwood-McMechen Elementary School

Ohio County Schools

Warwood, WV
Warwood School renovations

Wayne County Schools

Wayne, WV
Wayne High School Vo-Ag Metal Building

Wyoming County Schools

Pineville, WV
Wyoming County Career & Technical Center Multipurpose Building

Glennville State University

Glennville, WV
Mollohan Building Renovations

Glennville State University

Glennville, WV
School of Health Sciences study

Glennville State University

Glennville, WV
We Proudly Serve

West Liberty University

West Liberty, WV
Elbin Library HVAC renovations



TYLER J. EPPLEY PE

CIVIL ENGINEER, LEAD

Mr. Eppley is a Professional Civil Engineer with more than 12 years of experience in the industry. His responsibilities include project design for infrastructure improvements (roadway & utilities) site layout, grading, sediment and erosion control, post-construction storm water management and utility layout. His civil engineering experience has been utilized for a variety of projects/clients from educational, healthcare, commercial, municipal, and industrial clients.



EDUCATION

Ohio University
B.S. Civil Engineering

PROFESSIONAL AFFILIATIONS & REGISTRATIONS

Registered Engineering in:
West Virginia
Ohio
Tennessee

Training:
ODOT Traffic Academy
ODOT Complex Roadway
Prequalified

YEARS OF EXPERIENCE

12 years

SELECTED EXPERIENCE

Berkeley County Schools

Falling Waters, WV
New Falling Waters Elementary
School

Braxton County Schools

Sutton, WV
Sports Master Plan

Clay County Schools

Clay, WV
Clay County High School Field
Renovations

Fayette County Schools

Hico, WV
New Midland Trail Elementary
School

Marion County Schools

Fairmont, WV
SAS Secure Entrances

Marshall County Schools

Benwood, WV
New Benwood-McMechen
Elementary School

Mingo County Schools

Kermit, WV
Kermit PK-8 School hillside slip
remediation

Monroe County Schools

Lindsay, WV
James Monroe High School Track
and Practice Field

Webster County Schools

Webster Springs, WV
Bus Garage

Webster County Schools

Upperglade, WV
Webster County High School
Renovations

Glenville State University

Glenville, WV
Louis Bennett Hall demo

Citizens National Bank of Woodsfield

Woodsfield, OH
Building renovations

Town of Paw Paw

Paw Paw, WV
Paw Paw Community Center

Harrison County Commission

Clarksburg, WV
Royal Chrysler Site Study

Harrison County Commission

Clarksburg, WV
GSA Building Evaluation

City of Steubenville

Steubenville, OH
Bellevue Park Fields Lighting

McKinley Architecture & Engineering

Marietta, OH
Marietta Corporate Office build-
out renovations



ALAN M. GABER PE

SENIOR ELECTRICAL ENGINEER

Mr. Gaber is an Electrical Engineer, who for over 38 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:
New Jersey
New York
Ohio
Pennsylvania
West Virginia

YEARS OF EXPERIENCE

38 years

SELECTED EXPERIENCE

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

Fayette County Schools

Hico, WV
New Midland Trail Elementary
School

Fayette County Schools

Oak Hill, WV
Oak Hill High School gym
renovations

Fayette County Schools

Smithers, WV
Valley PK-8 School electric
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

Hancock County Schools

Weirton, WV
Weir High School mechanical
upgrades

Ohio County Schools

Wheeling, WV
Elm Grove Elementary School
renovations

Ohio County Schools

Wheeling, WV
Wheeling Middle School addition
& renovations

Ohio County Schools

Wheeling, WV
Woodsdale Elementary School
addition & renovations

Summers County Schools

Hinton, WV
Summers County HS/MS addition
& renovations

Summers County Schools

Hinton, WV
Talcott Gym renovation

Wayne County Schools

Fort Gay, WV
Tolsia High School Gym

Wayne County Schools

Wayne, WV
Wayne High School Vo-Ag Metal
Building

Wyoming County Schools

Pineville, WV
Wyoming County Career &
Technical Center Multipurpose
Building



SCOTT D. KAIN

DIRECTOR OF ENGINEERING PRODUCTION / PLUMBING ENGINEERING DESIGNER

Mr. Kain, our Director of Engineering Production, 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

31 years

SELECTED EXPERIENCE

Berkeley County Schools

Martinsburg, WV
Martinsburg High School
renovations

Boone County Schools

Danville, WV
Boone County Honors Academy
addition and renovations

Braxton County Schools

Sutton, WV
Fairmont State University -
Braxton County High School
addition and renovations

Brooke County Schools

Wellsburg, WV
New Brooke Middle School

Brooke County Schools

Follansbee, WV
Follansbee Middle School
renovations

Hampshire County Schools

Romney, WV
New Hampshire County Career
Training Center - Animal Veterinary
Science Center

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

Hancock County Schools

New Cumberland, WV
Senator John D. Rockefeller IV
Career Center renovations

Hancock County Schools

Weirton, WV
New Weirton Elementary School

Harrison County Schools

Bridgeport, WV
New Johnson Elementary School

Marshall County Schools

Cameron, WV
New Cameron High School

Marshall County Schools

Sherrard, WV
New Hilltop Elementary School
LEED Certified

Ohio County Schools

Wheeling, WV
Wheeling Park High School
additions and renovations

Wetzel County Schools

New Martinsville, WV
Magnolia High School addition
and renovations

Wood County Schools

Parkersburg, WV
Parkersburg High School
additions and renovations

Wood County Schools

Williamstown, WV
Williamstown High School
addition and renovations



KEITH A. LUTZ

CIVIL ENGINEERING DESIGNER

Mr. Lutz is a detailed and quality-oriented Senior Civil Designer with 22 years' experience in Architecture, Civil, Electrical, landscape, Mechanical, Piping, and Structural design. Proven ability to translate engineering concepts into precise technical drawings, while ensuring accuracy and compliance with industry standards. Experience in leading, mentoring, and managing design team and managing projects.



EDUCATION

Pittsburgh Technical College
Associates Degree in Specialized
Technology Computer Aided Drafting
and Design

PROFESSIONAL AFFILIATIONS & REGISTRATIONS

Civil 3D Course Training

YEARS OF EXPERIENCE

23 years

SELECTED EXPERIENCE

Berkeley County School

Gerrardstown, WV
Mountain Ridge Elementary
School

Fox Chapel Area School District

Pittsburgh, PA
Fox Chapel High School Court/
Field Renovations

Monroe County Schools

Lindsie, WV
James Monroe High School Track
and Practice Field

Putnam County Schools

Buffalo, WV
Buffalo High School Athletic Fields
Upgrades

Putnam County Schools

Hurricane, WV
Hurricane High School Athletic
Fields Upgrades

Putnam County Schools

Poca, WV
Poca High School Athletic Fields
Upgrades

Putnam County Schools

Winfield, WV
Winfield High School Athletic
Fields Upgrades

Harrison County Commission

Clarksburg, WV
Royal Chrysler Site Study

Town of Paw Paw

Paw Paw, WV
Paw Paw Community Center

City of Steubenville

Steubenville, OH
Bellevue Park Fields Lighting



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

Brooke County Schools

Wellsburg, WV
Brooke High School HVAC

Brooke County Schools

Wellsburg, WV
New Brooke Middle School

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

Grant County Schools

Maysville, WV
Maysville Elementary School renovations

Grant County Schools

Mount Storm, WV
Union PK-12 Educational Complex build-out

Hampshire County Schools

Romney, WV
New Hampshire County Career Training Center - Animal Veterinary Science Center

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

Hancock County Schools

New Cumberland, WV
Senator John D. Rockefeller IV Career Center renovations

Hancock County Schools

Weirton, WV
New Weirton Elementary School

Harrison County Schools

Bridgeport, WV
New Johnson Elementary School

Harrison County Schools

Lost Creek, WV
New Lost Creek Elementary School

Marshall County Schools

Cameron, WV
New Cameron Middle / High School

Ohio County Schools

Wheeling, WV
Wheeling Park High School additions and renovations

Wetzel County Schools

New Martinsville, WV
Magnolia High School addition and renovations



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

15 years

SELECTED EXPERIENCE

Berkeley County Schools

Martinsburg, WV
Martinsburg High School
renovations

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

Fayette County Schools

Oak Hill, WV
Fayette Institute of Technology
renovations

Fayette County Schools

Oak Hill, WV
Oak Hill High School gymnasium
renovations

Fayette County Schools

Smithers, WV
Valley PreK-8 School renovations

Hampshire County Schools

Stanesville, 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

Harrison County Schools

Clarksburg, WV
Gore / Victory Elementary School

build-out renovation/addition

Harrison County Schools

Lost Creek, WV
New Lost Creek Elementary
School

Mid-Ohio Valley Technical Institute

Saint Marys, WV
MOVTI renovations

Ohio County Schools

Wheeling, WV
Triadelphia Middle School annex
addition & renovations

Ohio County Schools

Wheeling, WV
Wheeling Park High School
addition and renovations

Steubenville City School District

Steubenville, OH
Steubenville High School
renovation

Summers County Schools

Hinton, WV
Summers County HS/MS addition
& renovations

Wayne County Schools

Wayne, WV
Wayne High School Vo-Ag Metal
Building

Wyoming County Schools

Pineville, WV
Wyoming County Career &
Technical Center Multipurpose
Building



ROBERT E. SMITH

CONSTRUCTION CONTRACT ADMINISTRATOR

Mr. Smith has been a Construction Contract Administrator at McKinley for over 15 years. Bob is a self confident, articulate and highly motivated individual with superior interpersonal and teamwork skills. He has a plethora of experience in mid to upper level personnel management, advanced information systems integration, training, acquisition, contract management, transportation and maintenance, and quality control. He is a former member and president (4 terms) of the Board of Education for the Indian Creek School District in Jefferson County, OH, where he served for 15 years. He was also an Adjunct Professor at Eastern Gateway Community College.



EDUCATION

University of Pittsburgh
M.S. Industrial Engineering

United States Air Force Academy
B.S. Behavioral Science / Human Factors Engineering, & Minor in General Engineering

PROFESSIONAL AFFILIATIONS

Former Board Member / President:
Indian Creek School District

Trustee:
Steubenville Township

Commander:
American Legion Post 351

Former Village Administrator:
City of Mingo Junction

MILITARY SERVICE

United States Air Force

YEARS OF EXPERIENCE

42 years

SELECTED EXPERIENCE

Brooke County Schools

Wellsburg, WV
New Brooke Middle, including STEAM and Science labs

Brooke County Schools

Follansbee, WV
Follansbee Middle renovations

Fayette County Schools

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

Grant County Schools

Maysville, WV
Maysville Elementary renovations

Grant County Schools

Mount Storm, WV
Union PK-12 Educational Complex build-out

Hampshire County Schools

Stanesville, WV
New Ice Mountain Elementary

Hampshire County Schools

Augusta, WV
New Windy Ridge Elementary

Hancock County Schools

Chester, WV
A.T Allison Elementary addition and renovations

Hancock County Schools

New Cumberland, WV
New Manchester Elementary addition and renovations

Hancock County Schools

New Cumberland, WV
Senator John D. Rockefeller IV Career Center renovations

Hancock County Schools

Weirton, WV
New Weirton Elementary

Harrison County Schools

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

Harrison County Schools

Bridgeport, WV
New Johnson Elementary

Marshall County Schools

Sherrard, WV
New Cameron Middle / High School, including Science Labs, Greenhouses, Meat Lab

Marshall County Schools

Sherrard, WV
New Hilltop Elementary
LEED Certified

Ohio County Schools

Wheeling, WV
Triadelphia Middle annex addition & renovations

Ohio County Schools

Wheeling, WV
Wheeling Middle renovations

Wetzel County Schools

Pine Grove, WV
Valley High School Meat Lab

Belmont County Commission

St. Clairsville, OH
Belmont County Divisional Courts and County Offices

Jefferson County Commission

Jefferson County, OH
County-Wide Projects

PROJECT EXPERIENCE

McKinley Architecture and Engineering takes great pride in our designs, and "Educational Facilities" are the primary focus market for our Firm, which makes up about 90% of our business. McKinley has provided planning, design, and construction contract administration services for school buildings since the inception of our firm. Within that time we have designed over \$2 billion worth of projects including new building construction, building additions, renovations, consolidation plans, systems upgrades, safety and security upgrades, and infrastructure improvements to hundreds of school facilities. We have completed several ten-year Comprehensive Educational Facilities Plans and Amendments. We have several open-ended agreements with various counties. Here is a partial list of our projects - within the past 5 years alone:

Anne Arundel County Public Schools (MD):

- Arundel High School Field renovations
- Crofton High School Field renovations
- Glen Burnie High School Field renovations
- Meade Senior High School Field renovations
- North County High School Field renovations
- Southern Senior High School Field renovations

Baldwin-Whitehall School District (PA):

- Tennis Courts

Baltimore City Public Schools (MD):

- Hereford High School Track renovations
- Frederick Douglas High School Field renovations
- Baltimore City College Field renovations
- City Springs Elementary School Field renovations

Baltimore County Public Schools (MD):

- Pikesville High School Track renovations

Barbour County Schools (WV):

- Philippi Elementary School roof

Barnesville Village School District (OH):

- Football Field

Berkeley County Schools (WV):

- Pre-Bond Services
- 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



Weirton Elementary School



Johnson Elementary School



Brooke Middle School

Martinsburg High School Athletics
Martinsburg Softball Field
NEW Mountain Ridge Elementary School
Musselman Middle School auditorium ceiling
Musselman Track-Football Field
Spring Mills Athletics
Tomahawk Intermediate School
Winchester Elementary School

Big Walnut Local School District (OH):
Big Walnut Middle School Field renovations

Bridgeport Exempted Village School District (OH):
Bridgeport High School roof

Brookville Local School District (OH):
Brookville High School Field renovations

Buckeye Local School District (OH):
Buckeye Local High School classroom renovations

Buckeye Valley Local School District (OH):
Buckeye Valley High School Track and Field renovations
Buckeye Valley High School Tennis renovations
Buckeye Valley High School concessions

Cabell County Schools (WV):
NEW Milton Elementary School

Campbell City School District (OH):
Memorial High School Field renovations

Clay County Schools (WV):
Clay Elementary School HVAC renovation & roof replacement

Conemaugh Township Area Schools (PA):
Conemaugh Township Area High School Field renovations

East Fairmont High School Foundation (WV):
East Fairmont High School Multi-Sport Complex

East Guernsey Local School District (OH):
Buckeye Trail High School Sportsplex

East Liverpool City School District (OH):
East Liverpool High School Field renovations

Edison Local School District (OH):
Edison High School Sportsplex
Edison High School Cross Country course
John Gregg Elementary exit drive

Farrell Area Schools (PA):
Farrell Area High School Field renovations

Fayette County Schools (WV):
County-Wide windows and doors renovations
6 Schools' Outdoor Classrooms
Fayette Institute Of Technology renovations
NEW Meadow Bridge PK-12 School
Midland Trail High School gym renovations
Midland Trail High Athletic renovations
Midland Trail High Baseball/Softball Field
Oak Hill High School gym renovations
Oak Hill High Athletic renovations
Valley PK-8 School renovations

Fort Cherry School District (PA):
Fort Cherry High Field-Track renovations

Fox Chapel Area School District (PA):
Baseball, Softball, and Practice Field renovations

Franklin Area School District (PA):
Baseball Softball Field

Gateway School District (PA):
Gateway High School Baseball Softball Sports Complex
Gateway Middle School Baseball, Football, and Track renovations
Gateway High School Band Practice Area

Hampshire County Schools (WV):
Comprehensive Educational Facilities Plan
Pre-Bond Services
Capon Bridge Elementary School gymnasium addition
Hampshire High School renovations
NEW Ice Mountain Elementary School
NEW South Branch Elementary School
NEW Windy Ridge Elementary School

Hancock County Schools (WV):

- Comprehensive Educational Facilities Plan
- County-Wide School Access Safety Plan updates
- A.T. Allison Elementary School addition
- New Manchester Elementary School addition
- Oak Glen High Baseball and Softball Fields renovations
- Oak Glen Middle School HVAC upgrades & pyrite remediation
- Weir High School gym additions
- Weir High Athletic Fields
- Weirton Elementary School HVAC upgrades



Brooke Middle School

Harrison County Schools (WV):

- Comprehensive Educational Facilities Plan
- CEFP Consolidation Plan
- Bridgeport High School HVAC
- Bridgeport Middle School roof & HVAC
- Gore / Victory Elementary School build-out renovations
- Liberty High School roof & HVAC
- Lincoln High School HVAC
- Lincoln Elementary School HVAC
- NEW Lost Creek Elementary School
- Nutter Fort Elementary School classroom addition & roof
- Robert C. Byrd High School roof
- Simpson Elementary School additions, renovations, roof & HVAC
- South Harrison Complex HVAC
- West Milford Elementary School HVAC



Hilltop Elementary School | LEED Certified

Harrison Hills City School District (OH):

- Wagner Field Multi-Purpose Building

Hempfield Area School District (PA):

- Owner's Rep

Indian Creek School District (OH):

- Indian Creek High School Softball Field Renovations

Jackson County Schools (WV):

- Ravenswood High Football Field Conversion

Lisbon Exempted Village School District (OH):

- David Anderson Jr. Sr. High School Memorial Stadium Field renovations



New Mullens Elementary School



J.B. Chambers Performing Arts Center at Wheeling Park High School

Liberty Local School District (OH):

Liberty Jr. Sr. High School Field Renovations

Marion County Schools (WV):

East Dale Elementary School roof

Marshall County Schools (WV):

Comprehensive Educational Facilities Plan
NEW Benwood-McMechen Elementary School
Cameron Elementary School emergency generator
Cameron MS/HS emergency generator & chiller
Central Elementary School HVAC
Cameron High School Field renovations

Mason County Schools (WV):

Comprehensive Educational Facilities Plan
Administration Building roof repair
Ashton Elementary School security entrance
Beale Elementary School security entrance
Hanna MS/HS security entrance
Roosevelt Elementary School addition
Soccer Building
Wamaha MS/HS security entrance

Mid-Ohio Valley Technical Institute (WV):

Comprehensive Educational Facilities Plan

Milton Area School District (PA):

White Deer Elementary School

Monongalia County Schools (WV):

Morgantown High School renovations

Mount Lebanon School District (PA):

Mount Lebanon High School Stadium renovations

Noble Local School District (OH):

Master Plan Owner's Rep

North Hills School District (PA):

North Hills High Baseball Field renovation
North Hills High Tennis renovation

Northwestern School District (PA):

Northwestern High Stadium

Ohio County Schools (WV):

Comprehensive Educational Facilities Plan
County-Wide School Access Safety Plan updates
Bethlehem Elementary School renovations
Bridge Street Middle School renovations
Elm Grove Elementary School renovations
Madison Elementary School renovations
Middle Creek Elementary School renovations
Ritchie Elementary School renovations
Steenrod Elementary School cafeteria addition & renovations
Triadelphia Middle School annex addition & renovations
Warwood School renovations
West Liberty Elementary School renovations
Wheeling Middle School SAS addition & renovations
Wheeling Park High School addition and renovations
Wheeling Park High School Athletic Complex
Woodsdale Elementary School cafeteria addition & renovations

Olmsted Falls City School District (OH):

Olmsted Falls High School Field renovations

Prince George County Public Schools (MD):

Suitland High School Track renovations

Rock Hill Local School District (OH):

Rock Hill High Baseball Field

Seton LaSalle Catholic High School (PA):

Stadium Master Plan

Slippery Rock Area School District (PA):

Slippery Rock Area High School sports lighting

Steubenville City School District (OH):

Alt Learning Center
Steubenville High School commons renovations
West Elementary School classroom and restroom addition
Wells Academy security upgrades & main office relocation

Summers County Schools (WV):

Bus Garage
Hinton Elementary School cafeteria

Summers County MS/HS addition, renovations, roof, & parking lot
 Talcott School gymnasium renovations
 Titusville High School
 Titusville High School Field renovations

Toronto City School District (OH):
 Toronto City Schools Sports Fields

Tyler County Schools (WV):
 Comprehensive Educational Facilities Plan
 A.I Boreman Elementary School HVAC upgrades & new roof
 Bus Maintenance Garage
 Headhouse
 Sistersville Elementary School HVAC upgrades & new roof
 Tyler Consolidated gym renovations, practice room addition, HVAC upgrades, new roof, & envelope repairs
 NEW Tyler County Elementary School
 Tyler County Pre-K HVAC upgrades
 Tyler County Multi-Sports Complex/Stadium

Union Local School District (OH):
 Pre-Bond Services

Washington Court House City Schools (OH):
 Washington High School Tennis

Wayne County Schools (WV):
 County-Wide School plumbing replacements
 County-Wide School window replacements
 Press Boxes
 Buffalo School renovation & addition
 Tolsia high School gym
 Vinson Middle School HVAC upgrades
 Wayne Elementary School classroom additions & HVAC upgrades
 Wayne High School Vo-Ag Metal Building
 Wayne Middle School HVAC upgrades

West Virginia Schools for the Deaf and the Blind (WV):
 Comprehensive Educational Facilities Plan
 Campus Wide Access Safety & Electrical
 Roofing Projects
 WVSDA Administration Bldg Assessment



Triadelphia Middle School Addition and Renovations



Parkersburg High School Restorations, Additions and Renovations



Brooke Middle School



Wheeling Park High School Additions and Renovations

Instructional Resource Center facade repairs
Physical Education Building renovations
Sevigny Building auditorium

Wetzel County Schools (WV):

Comprehensive Educational Facilities Plan
Bus Maintenance Garage
Magnolia High School cafeteria renovations
Magnolia High School Multi-Sports Complex/Stadium
New Martinsville School entrance renovations & HVAC upgrades
Paden City Elementary School multipurpose addition
Pro-Start Renovation
Short Line School HVAC
Valley High School renovations

Wirt County Schools (WV):

County-Wide School HVAC upgrades

Wood County Schools (WV):

Pre-Bond Services
Music & Arts Improvements
NEW Lubeck Elementary School
Madison Elementary School addition
NEW North Parkersburg Elementary School
NEW Vienna Elementary School

Wyoming County Schools (WV):

Comprehensive Educational Facilities Plan
Pre-Bond Services
Baileysville Elementary School / Middle School upgrades
Berlin McKinney Elementary School
CTC Multipurpose Building
Herndon School roof replacement
NEW Mullens PK-8 School
Oceana Middle School security upgrades
Pineville Middle School upgrades
Road Branch ES/MS Playground & Trac
Westside High School Field renovations
Westside High School Practice Facility
Wyoming East High School Field renovations

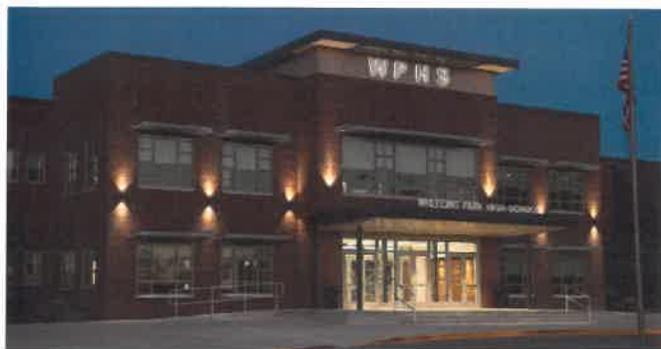
AND MORE



Gore / Victory Elementary School



Johnson Elementary School



Wheeling Park High School



Wheeling Park High School Athletics



SCHOOL OF HEALTH SCIENCES GLENSVILLE STATE UNIVERSITY



CLIENT
Glensville State University

LOCATION
Glensville, WV

McKinley has worked with Glensville State University since 2003, and we have completed projects and currently have multiple projects in design / construction: an Emergency Facade Correction, Louis Bennett Hall demo, Molohan Building Renovations, We Proudly Serve, and more.

The **School of Health Sciences** was recently completed in 2024 and includes exterior signage and an interior build-out of an unimproved area of the first floor of the Waco Center. We designed selective demolition, room layouts, flooring and finishes, MEP and fire protection systems, data and communication, etc. Rooms include **Physical Training AE/EP/PT lab, Nursing Skills / ICU lab, control room, debriefing, lounge, offices, flex spaces, and storage rooms.** We coordinated the furniture selection to help with their rooms layouts, including **smart beds, headwalls, medical carts, IV stands, infant cribs, dumbbell rack, exercise stair, desks, chairs, etc.**







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.



(continued 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 overhead 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.





MOUNT ALOYSIUS LIBRARY AND CYBERLAB MOUNT ALOYSIUS COLLEGE



CLIENT
Mount Aloysius College

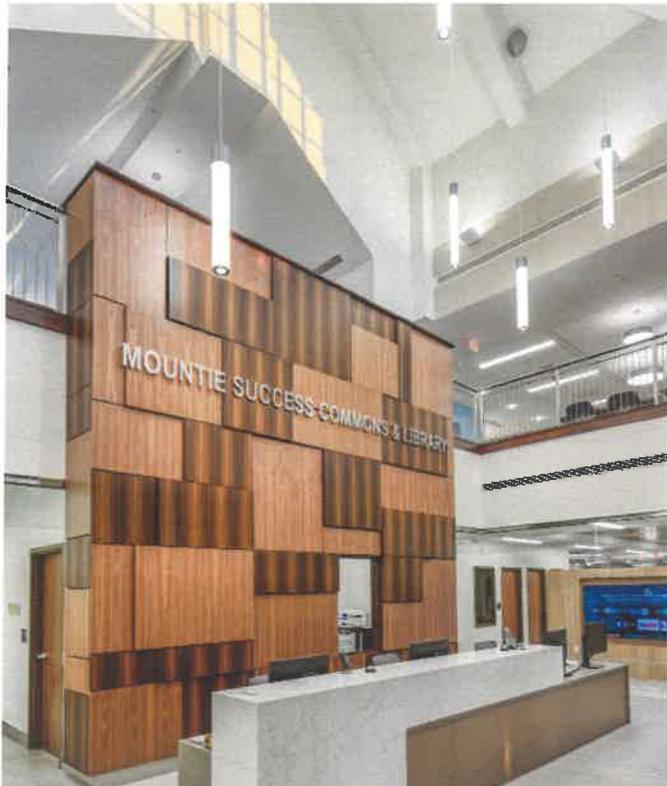
LOCATION
Cresson, PA

Like many institutions of higher education, Mount Aloysius' campus library was constructed on the model of a library, as being a repository for books. In the 30 years since its construction, utilization of the facility has fallen in many ways because the configuration and services of the building no longer support contemporary experiential-based learning models.

MCF Architecture, a Division of McKinley Architecture and Engineering, conducted a six-month planning study that collaboratively engaged stakeholders from academics, student services, administration and facilities to rethink the library as an innovative collaborative learning environment that supports group learning, is technologically rich, and provides a diversity of student services and amenities in one location.

Through the reduction in stack space, the project combines tutoring, academic advising, career services with an open plan environment designed to support active and passive learning zones with access to technology and amenities not found in other locations on campus. To support active partnerships with regional employers, the facility houses meeting and recruitment zones to support the college's robust career placement center. The facility will also showcase a growing program on campus with the construction of a **new state-of-the-art Cyberlab**.







CHRIST THE TEACHER FRANCISCAN UNIVERSITY OF STEUBENVILLE



CLIENT

Franciscan University of Steubenville

LOCATION

Steubenville, OH

PROJECT DATA

110,000 SF

The Christ the Teacher Academic Building is a transformative addition to Franciscan University's campus—its first new academic facility in over two decades and now the largest building on campus at more than 110,000 square feet. Designed to support the University's continued growth in enrollment and academic offerings, the building responds to critical needs for expanded instructional space and a dedicated venue for spiritual and educational gatherings.

The facility is composed of two distinct wings: one dedicated to academics and the other to conference use.

The academic wing houses the departments of Engineering, Business, and **Nursing**. It includes specialized engineering labs, new business classrooms, and **cutting-edge simulation and skills labs for nursing students**.

The conference wing features the Pope St. Paul VI Conference Center, which accommodates up to 500 guests, and the Sacred Heart Chapel, creating a dynamic venue for both campus and public events.

This won a **2025 Project Winner - AIA Pittsburgh 2025 Honor Award in the Architecture Large Project Category**, along with an **Honorable Mention for Masonry**. It also won a **2025 Project Winner in New Construction Between \$20-50 Million category - Master Builders Association's Building Excellence Awards**.





JAMES F. WILL ENGINEERING & BIOMEDICAL SCIENCES HALL

SAINT VINCENT COLLEGE



CLIENT
Saint Vincent College

LOCATION
Latrobe, PA

PROJECT DATA
11,260 SF

The two-story; 11,260-sqft James F. Will Sciences Hall is on the northwest side of the Sis and Herman Dupre Science Pavilion it houses **state-of-the-art classrooms and laboratories** for health and biomedical sciences and for the **growing engineering program**.

Engineering facilities on the second floor include two 3-D printers; Modeling Laboratory; Engineering design lab and an open space lab; conference room and library and an interdisciplinary classroom.

The **human anatomy laboratory** provides cutting-edge; high-tech facilities for anatomical research. The **flexible modern lab** has 6 surgical stations and is a simulated operating room environment. Advanced audio and video capabilities; a teaching station; cameras and monitors all enhance and aid in instruction.



SAINT VINCENT COLLEGE



INNOVATION HUB CLARKSON UNIVERSITY



CLIENT
Clarkson University

LOCATION
Potsdam, NY

PROJECT DATA
73,000 SF

The Innovation Hub project is the dynamic reimagining of the 1970's Education Resource Center (ERC) located at the center of the University's Potsdam campus.

MCF Architecture's, a Division of McKinley Architecture and Engineering's, design transformed the existing building into a space for entrepreneurship and collaboration between the Colleges of Engineering; Business and Arts & Sciences.

The design removes the walls enclosing the existing library; moves the book collection to a compact storage space on the lower level; and transforms the space into an exciting day-lit "playground" for academic collaboration.

The Innovation Hub features a dramatic two-story atrium surrounded by group meeting areas; a maker space; a "black box" classroom to support innovative teaching technology; and media editing suites.

The renovation also includes an art gallery; a cafe; video-conferencing suites; and group study rooms.

The renovated facility will also include a variety of student services such as the Reh Center for Entrepreneurship; the Shipley Center for Innovation; a writing center; and the reference library.



"Adding new labs in the Life-Science Building will provide more space for our faculty and students to not only offer lab-based courses but to also work on capstone and honors projects. We are excited to see how our students and biology program advance with the opening of the Life Science Building."
- Barbara Barnhart, MEd, Instructor of Biology



LIFE SCIENCES BUILDING UNIVERSITY OF PITTSBURGH AT GREENSBURG



CLIENT

University of Pittsburgh at
Greensburg

LOCATION

Pittsburgh, PA

PROJECT DATA

32,085 SF

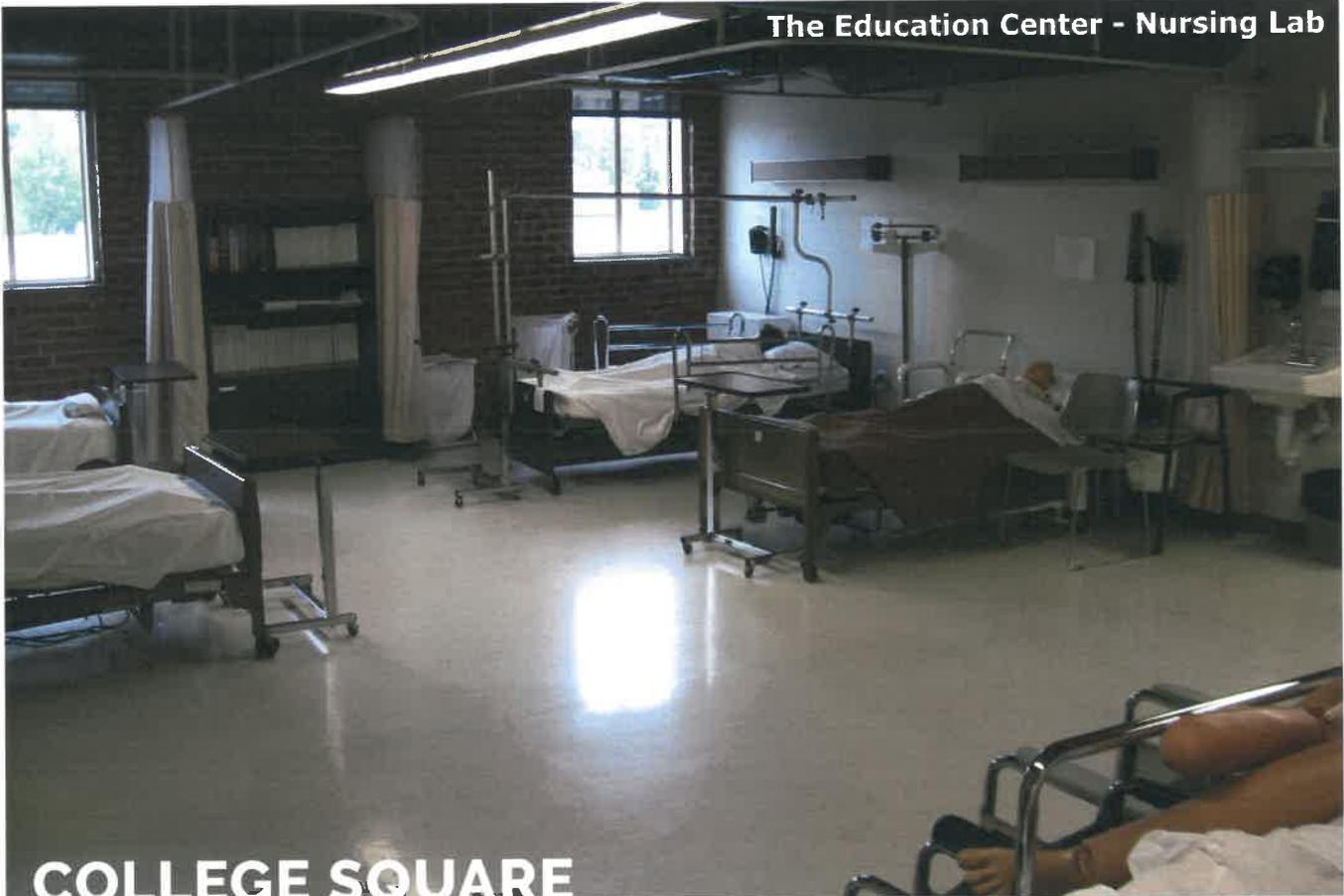
Due to the outdated nature of the 1976 facilities, a need to expand and renovate the science spaces was of the utmost importance to ensure future high quality health-related programming.

The new Life Sciences Building houses **labs for nursing, health science, biology, microbiology, and chemistry** - along with faculty offices and shared study space.

Our addition included the creation of a new facade, multiple entry points, and a **variety of learning spaces including: Nursing Clinical Skills and Simulation Lab, Anatomy & Physiology Lab, a Simulation Suite, Atrium, Microscopy Digital Imaging Lab, NMR/Instrumentation Lab, Tissue Culture Lab, Student Capstone Labs, Exam Rooms, Computer Lab, Greenhouse and Atrium.** The building has a new corridor connection, creating a unified Life Sciences Complex.



University of Pittsburgh
at Greensburg



COLLEGE SQUARE

WEST VIRGINIA NORTHERN COMMUNITY COLLEGE



CLIENT

West Virginia Northern
Community College

LOCATION

Wheeling, WV

PROJECT DATA

Multiple Buildings
\$19.5 M

McKinley Architecture and Engineering has completed many project for West Virginia Northern Community College and their affiliated campuses.

The entire \$19.5+ million **College Square project** was completed in multiple phases, involved multiple buildings, and was constructed while the buildings were occupied during the school year.

The first phase, an 80,000 SF industrial warehouse (the former Wheeling Wholesale Building), was presented as **The Education Center**. This 4-story project houses **multiple (7) laboratories for research (Surgical Technology Lab, Nursing Arts Lab, Respiratory Therapy Lab, and 4 more Health and Science labs), computer lab, tiered lecture rooms, classrooms, offices, a food court, commercial kitchen, conference rooms, utility areas, student activities areas including a gymnasium, and more.**

Also included was **systems upgrades (including specialty HVAC and exhaust in the labs)**. Window treatments and lighting were replaced for control of glare in the laboratories. **Table and chair layouts were developed for optimal sight lines.** Faculty offices are located with classrooms and labs to provide a **clear sense of place for the various Career-Technical programs.** Wooden Laboratory Casework was specified for the laboratories.



Another phase, the 74,000 square foot **B. & O. Building**, was to upgrade the old railroad station (which is listed on the National Register of Historic Places) into a facility that could be used for academic research and education, and be the WVNCC headquarters. The project involved remodeling on the second, third and fourth floors, and the renovations included **3 science laboratories, computer lab**, offices, classrooms, and a Library/Learning Resource Center among others. We designed new equipment and furnishings for Chemistry Laboratory, new furnishings and expansion of the Micro-Biology Laboratory, and refurbishing of equipment in the A & P Laboratory. There was also major HVAC system upgrades and fire protection renovations in the laboratories.



B. & O. Building

The South Plaza sits between the two buildings and included newly constructed parking areas and a landscaped gathering place for students and pedestrians. A "Flame of Knowledge" statue (specially designed and donated by McKinley) was placed in the center of the lot, and parking areas were placed on each side.

Finally, these initial projects spanned into other projects. Most recently, we just finished upgrading 3 parking lots and adding green space in the downtown Wheeling area. This project was completed in 2022.



B. & O. Building - Lab



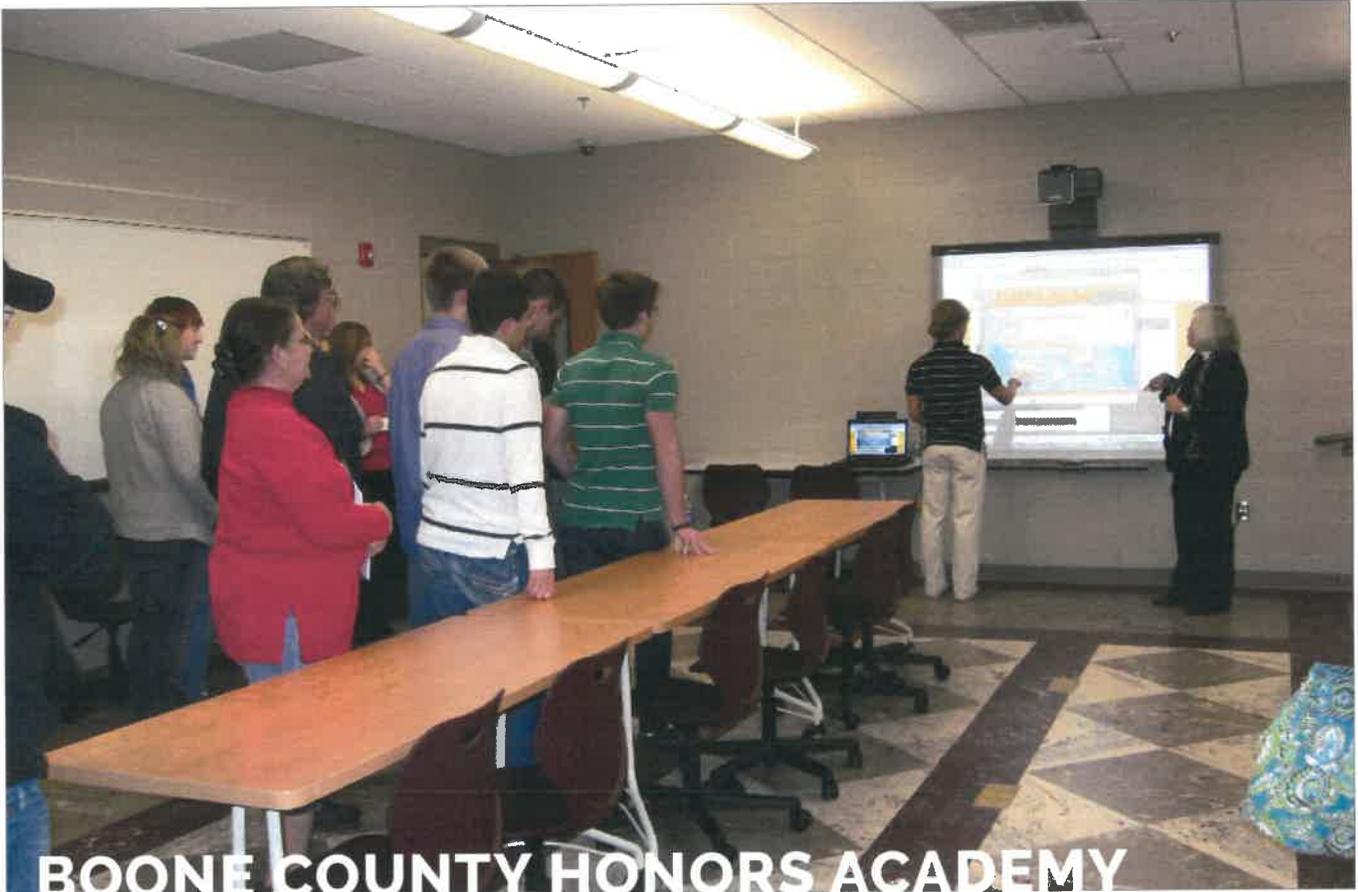
The Education Center



The Education Center - Respiratory Therapy Lab



B. & O. Building - Lab



BOONE COUNTY HONORS ACADEMY

BOONE COUNTY SCHOOLS



CLIENT
Boone County Schools

LOCATION
Danville, WV

PROJECT DATA
9,245 SF
\$1.8 M



One of the many projects we worked with Boone County Schools was on the \$1.8 million **Boone County Honors Academy** project in Danville, WV, which involved 3,285 SF of **renovations**, as well as 5,690 SF of **new addition**.

The architectural features blend with the existing facility, which houses both the **Boone County Career and Technical Center** as well as the **Southern WV Community & Technical College's Boone/Lincoln Campus**.

Spaces include a **STEAM lab (Science, Technology, Engineering, Arts and Mathematics lab)**, **CTE science & math labs**, **computer lab**, and lecture/performance auditorium among other spaces, and is connected to the Career Center with an inviting corridor.

The Academy is a model for WV districts of the **interactive learning space** with a commitment to the future. This is a facility where the educational focus is on academic excellence in science, math, and technology. Students throughout the county compete for the limited seats available for students who want to make science, research, technology engineering and/or math the main focus of their education.

The catalyst behind the Academy's new facility is to expose the students to various careers, and take their education and experience to elevated levels of project-based research and learning. Goals include applying science applications in subjects like **health sciences, genetics**, forensic science and aerospace; mathematical skills in investigating, analyzing, and evaluating real world applications; technology design and creating intelligent machines and digital manufacturing. **Possibilities include exposure to analyzing and modeling various scenarios in computer.**



1001 New River County Florida Academy

Curriculum focuses on inquiry-base, problem solving, and project-based learning according to occupational outlook and industry needs.

Increased use for the Academy is realized through the **flexibility** in each area. The chemistry lab consists of bench wood casework that can easily convert from dry to wet as project needs change, and lecture space featuring smart boards. The STEM lab is in a highly fixable space with mobile workstations, presentation board/tables, electronic bench and computer stations. The math room easily converts from traditional lecture to group learning pods with mobile furnishings. The lecture auditorium converts to a presentation hall with an elevated stage and enhanced audio visual features.



The work on the a lecture/performance was completed while classes were still in session and required modification of the floor to accommodate accessibility.

Exterior benches were an addition to the landscape design for informal interaction.

The architectural solution includes **sustainable and environmentally conscious features** to enhance the learning environment including **daylighting** throughout the building, and pendant luminaries with daylight and occupancy sensors that automatically adjust to the lighting conditions, rubber flooring, recyclable ceiling tiles, energy efficient systems and environmentally friendly finishes.





MILTON ELEMENTARY SCHOOL

CABELL COUNTY SCHOOLS



CLIENT
Cabell County Schools

LOCATION
Milton, WV

PROJECT DATA
55,432 SF
\$24.0 M

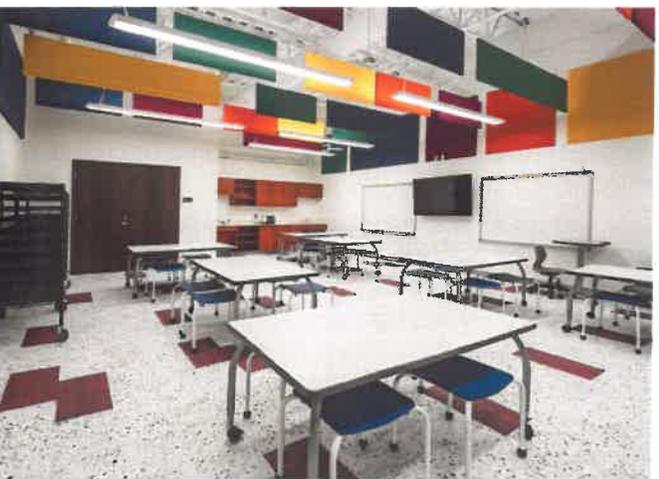
McKinley believes that a school building is more than a place for our children to attend classes, but **it is an integral part of the community as a whole and should reflect the values and spirit of the community.**

That is why the Milton Elementary School for Cabell County Schools is designed differently from other schools. We designed a school to **meet the unique needs and desires of the Milton community.** The desire was a "Lodge" themed building design. McKinley captured this image by using a timber framed canopy out front and a wood look fiber cement siding for the building. The outside of the building is a mixture of stone, and siding of natural colors. The theme continues into the front lobby with wood beams on the ceiling.

But community does not just happen outside the school. We designed special places for the students to interact and learn how to have a good relationship with each other and live in a community. The corridors widen out in places to create a place for students to gather and for activities outside the classrooms. The Media Center is central to the school and features folding partitions that allow the space to expand. **The interiors are colorful and full of light.** When you are inside, the walls are white with blue and they have wider hallways and classrooms, which is something the teachers had requested.

McKinley completed the design and generated construction documents - which usually takes 6 months - in only 1 and a half months to meet the schedule requirements. The project was **below the contract price** and was **completed on schedule.** A Ribbon-Cutting Ceremony was held on 12/17/24.







BROOKE MIDDLE SCHOOL

BROOKE COUNTY SCHOOLS



CLIENT
Brooke County Schools

LOCATION
Wellsburg, WV

PROJECT DATA
115,000 SF
\$30 M

CONTRACTOR
Grae-Con Construction

For the **new Brooke Middle School** in Wellsburg, WV, McKinley's role has included involvement with District administration and BOE, survey and geotechnical consultants, and financial consultants to assist in site selection, funding procurement, and assistance to the district in solicitation and appointment of construction manager for the project.

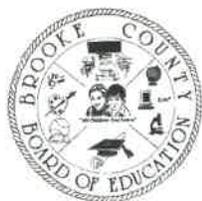
We completed preliminary planning stages to secure a successful bond vote and state funding requests; BMS is the major project within Brooke County Schools' \$36 million District-Wide Construction Program (funded with a local bond vote and supplemented with funding from the SBA).

We gathered data, analyzed, and performed services to help promote this new BMS and 278,670 SF of HVAC upgrades at Brooke High, a \$5+ million HVAC project, designed with energy efficiency in mind.

We created multiple renderings & floor plans, helped work on brochures and flyers to be distributed before the election, and provided evidence that this is a solid investment; these helped aid in the successful Bond passage.

The new \$30+ million, 115,000 SF Brooke Middle School project, replaces all the county's middle schools (the existing schools were over 85 years old, had asbestos, and required significant repairs) with a new combined facility.

We assisted with site selection, resulting in a site adjacent to the existing Brooke High on the same campus. School planning was developed for a design enrollment of 1,000 students in 5th-8th grades in a 2-story structure.



Eastwood Middle School

BMS is equipped with dozens of **classrooms**, special education and related rooms, a **media center/library**, **collaborative learning & STEAM technology labs**, **multiple science labs**, a large cafeteria/dining area, kitchen, large gymnasium, all-purpose gym/performance area that can be converted to extend the music room, and **21st-century infrastructure to enable technology instruction and application**.

The **Collaborative Learning Spaces** and music/band rooms have operable acoustical glass and electronically operable acoustic steel panel partition systems to add flexibility and aesthetics, to maximize acoustics in the areas, as well as create sound separation for the adjacent rooms.

School safety and security features include secured access points, individual lockdown zones, and GPG (glass-polycarbonate-glass) security windows to name a few.

There are multiple “**High-Performance School**” **components and healthy/sustainable “energy efficient” design elements** incorporated throughout, such as a VRF HVAC system with an anticipated cost reduction of 30%; this was the 1st school in WV with all LED interior and exterior lighting, and much more.

BMS had a net negative amount in change orders.





PRE-BOND PLANNING AND CONTINUATION OF DESIGN SERVICES BERKELEY COUNTY SCHOOLS



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.





MEADOW BRIDGE REGIONAL K-12 SCHOOL

FAYETTE COUNTY SCHOOLS



CLIENT
Fayette County Schools

LOCATION
Meadow Bridge, WV

PROJECT DATA
70,000 SF
\$29.0 M



McKinley Architecture and Engineering has an **on-going relationship** with Fayette County Schools, and we are **working on several projects**, including the new Meadow Bridge Regional PK-12 School, the new Midland Trail Elementary School, gymnasium renovations, athletic fields, 6 Outdoor Classrooms, as well as their Elementary and Secondary School Emergency Relief Fund (ESSERF) projects which includes several electrical, HVAC and roof projects, and more.

The **new Meadow Bridge Regional PK-12 School** will be a 70,000 sf facility built on Main Street, and is a phased construction. First, site improvements include creating a new paved road adjacent to the new Addition on to Meadow Bridge School, closing and relocating a portion of highway separating the two parts of the school, new walkway, enlarging the existing parking lot, and installing a stormwater retention system.

Phase 1 is the construction of a new addition to the Meadow Bridge gymnasium, to incorporate classroom space for the new High School. The new addition includes new classrooms for 6th through 12th Grades. There is a lot of coordination, because the addition will be constructed while students are attending school in the existing school buildings.

For Phase 2, after the new Meadow Bridge High School has been constructed and the students are relocated into the new addition, the existing High School building will be demolished and highway will be relocated around the new Elementary School. The new elementary school will be constructed as an addition to the other side of the existing gymnasium. Students will occupy the existing elementary school during the construction of the new school.



ANIMAL VETERINARY RESEARCH SCIENCE CENTER

HAMPSHIRE COUNTY SCHOOLS



CLIENT

Hampshire County Schools

LOCATION

Romney, WV

PROJECT DATA

4,800 SF

\$1.5 M

This **Animal Veterinary Research Science Center** is a new facility that includes a **classroom for 24 students, biology lab, surgery room with pre and post-op spaces, grooming/bathing room, dog room with 6 indoor/outdoor kennels connected by dog doors, cat room with 3-tiered modular suites, laundry, instructors office, showering & restrooms facilities, specialty HVAC, and a 16' long display case for awards and recognition student achievements.**

The types of services included **new construction, classroom and office facilities, laboratory facilities, research facilities, technical and specialized facilities, life safety compliance, landscape design, interior design, programming, HVAC, electrical, plumbing, sprinkler and fire alarm, utility improvements, and much more.**

This is utilized by the **Hampshire County Career Training Center** and **Hampshire Senior High School** where students are provided the opportunity to **receive job training while in school.**

The program has entered into an articulation agreement with **Eastern WV Community and Technical College**. Students in the program can receive an Associates of Technical Studies Degree in Animal Vet Science upon their graduation from high school. **This is the first technical degree to be earned while in high school.** The college honors all 5 courses taught including 3 courses that are Science credits: **Applied Animal Anatomy and Physiology, Animal Vet Surgical Practice, and Animal Vet Science (first in WV).**



In addition, they are fully endorsed by the **West Virginia University Extension Service**. They also participated in the Model New Farming Program by WVU Extension at the WV Small Farms Conference.

The students are more prepared to enter the work force or continue their education in the related field of study. Their Animal Systems programs area of concentration includes Equine Management Specialization, Animal Science Specialization, Large Animal Management Specialization, Small Animal Management Specialization, and Veterinary Science Specialization.

This also holds a **Veterinary Assistant trade school training program** which is a welcome addition to their current program, and is the first of its kind in the State. Students are now afforded the opportunity to work in a comprehensive animal and veterinary science facility where real animal studies will be conducted using current animal advancements. This includes, but not limited to: **surgery, anesthesiology, ultrasound, urinalysis, fecal analysis, hematology, microbiology, genetics and reproduction technologies.**

The main purpose of this project was to give a new "home" to an already engaged community of students within this program of study; therefore, the input of the building occupants (teachers and students) was taken into much consideration and provided much usable information for helping set the building parameters.

First, we were to achieve a building with **stand alone HVAC systems divided by occupancy** (animal, veterinary care, and classroom/lab) while also meeting building code requirements regarding **ventilation and exhaust rates**. This requirement was met with **energy efficient solutions**, while also meeting the required ventilation and exhaust rates by integrating smart control systems with built-in overrides for occupancy of students and animals housed within the building.

Secondly, the building was to be constructed for **durability and ease of use** while also **giving a sense of pride in ownership**. The first step in meeting this requirement was recommending the most functional site placement not only for visibility but also ease of travel path within the existing infrastructure confines. Equally important was the transition space between the existing facilities and this building. Once inside we were able to achieve the ease of use by "toughening" the finishes within the animal occupied areas and locker/shower facilities with building products designed for durability and **sterilization processes**. The classroom/lab space was also designed with longevity and durability in mind, but with the feel of a more traditional and warm environment.

Finally, we were challenged to provide an extremely safe building environment for animal/student/and teacher.

By early communication with all project personnel (facility, administration, and staff/student) we were able to bring together a design and program for the building that would best fit the end users while also balancing all the requirements of the project.

Hampshire Animal systems concentrations in multiple recent years has had a 100% placement in the animal and veterinary science field with students studying race horse management, pre-veterinary medicine, and animal science as well as students who entered the work force as general trained laborers.

Their Animal Vet Science program is an award winning program.





**3 NEW
ELEMENTARY SCHOOLS**
HAMPSHIRE COUNTY SCHOOLS



CLIENT
Hampshire County Schools

LOCATION
Romney, WV

PROJECT DATA
\$50.0 M

McKinley Architecture and Engineering completed Pre-Bond Services that lead to the successful bond passage for Hampshire County Schools, by over 60%. The bond total was for \$26 million and when combined with funding from the School Building Authority the total will be \$50 million.

The planning is for a **new South Branch (West) Elementary** (\$15.8 million), a **new Windy Ridge (Central) Elementary** (\$13 million), a **new Ice Mountain (North) Elementary** (\$11.9 million), Capon Bridge Elementary School gymnasium addition (\$2 million), Hampshire High School renovations (\$3.5 million), and the **demolition of 5 former elementary schools** (\$1.6 million).

We carefully scheduled/phased and designed the projects in phases - the Capon Bridge gym is completed, the other projects are under construction, and the 3 former elementary schools' demolitions will be completed last.





WEIRTON ELEMENTARY SCHOOL HANCOCK COUNTY SCHOOLS



CLIENT
Hancock County Schools

LOCATION
Weirton, WV

PROJECT DATA
105,000+ SF
\$26.5 M

CONTRACTOR
Cattrell Companies, Inc.

McKinley Architecture and Engineering has completed **over \$75 million** in projects for Hancock County Schools over the years. Multiple projects were completed as a part of a **\$56 million District-Wide Construction Program** (funded with a \$37 million local bond vote supplemented with \$19 million from the WV School Building Authority). **This bond call results from the Comprehensive Education Facilities Plan (CEFP) developed by our firm.**

One of the Bond projects is the **new \$26.5 million Weirton Elementary School** for 950 students in grades PK-4. **This replaces three schools.** This is the largest elementary school designed in the State. The facility features **three separate areas for learning**, divided into Preschool and Kindergarten, 1st and 2nd grades, and 3rd and 4th grades. The 2-story school includes more than 60 classrooms, not including resource rooms and administrative offices. It is also wireless and equipped with two computer labs, ten laptop labs, five iPad labs, a multi-purpose room, a gymnasium, a **cafeteria**, and a **separate entrance specifically for food deliveries**. The **Pre-K area** includes pint-sized desks, toilet fixtures, carpet squares, Smart Boards, and more.

The school also houses the first school-based health center in the Northern Panhandle. We incorporated multiple **energy efficient** components into this 105,000+ SF building. These include high-efficiency boilers, energy recovery wheels, desiccant wheels, chilled beam systems, Variable Frequency Controllers to reduce fan energy, low flow plumbing fixtures, energy monitor on the main electrical gear, dimmable lighting with occupancy sensor control, and T-5 & T-5 HO fluorescent bulbs used as primary light sources throughout the school to name a few.





JOHNSON ELEMENTARY SCHOOL HARRISON COUNTY SCHOOLS



CLIENT
Harrison County Schools

LOCATION
Bridgeport, WV

PROJECT DATA
66,000 SF
\$19.5 M

CONTRACTOR
City Construction Company

We have completed a few projects for Harrison County Schools over the years, including **new construction** and additions/renovations/adaptive reuse. For one example, the new Johnson Elementary School is a 66,000 SF building that accommodates over 600 students. This was named **NCWV Media's Public Project of the Year**. We designed multiple "**High-Performance School**" components, such as natural daylighting, good indoor air quality, and thermal control of each classroom. Johnson Elementary was designed as a **Collaborative for High-Performance School (CHPS)** and received an **ENERGY STAR Rating of 90**. It is in the Top 10% of the most efficient projects documented in the U.S. Environmental Protection Agency's ENERGY STAR program!

The building was designed with advanced safe school features, including a security vestibule or mantrap at the main entrance, layered security zones, hardened construction, a video surveillance system, exterior site and building lighting, and more. The building was placed on the site for optimum daylighting and the potential for future expansion. Insulated concrete forms were used for the exterior and interior bearing walls. The exterior of the building is a brick veneer with fiber cement panels.

The school comprises 28 classrooms, special education, computer labs, music, media, a large training room, administrative offices, health and nurses' rooms, a large gymnasium, a cafeteria with a stage, and a kitchen. There are Promethean touchscreen interactive whiteboards in every classroom.





(Continued Johnson Elementary School)

A unique feature is a timber pedestrian "covered bridge" that connects the two second-floor classroom wings. The bridge is a wooden replica paying homage to covered bridges in West Virginia, mainly the Simpson Creek covered bridge that sits just outside the city limits.





CAMERON HIGH SCHOOL

MARSHALL COUNTY SCHOOLS



CLIENT
Marshall County Schools

LOCATION
Cameron, WV

PROJECT DATA
130,000 SF
\$32.0M

CONTRACTOR
Nello Construction

The new **\$32 million Cameron High School** was designed with potential LEED Silver Certification, incorporating **sustainable, "green" concepts**.

The new **130,000 SF building** consisted of developing a combined middle and high school on a severely sloping site adjacent to existing athletic facilities. The 3-tiered levels + mezzanines reduce overall site excavation and provide daylighting opportunities.

We made an extensive effort to make the school both economically feasible & environmentally sensitive. Glass curtain wall is used to highlight primary and secondary public entrances; translucent panel skylights are utilized at interior spaces to expand daylight harvesting throughout, integrated into the building's lighting controls.

Additional sustainable design goals included reduced life cycle costs met by incorporating LEED accreditation goals, air terminal units, "chilled beams," desiccant wheel dehumidification, and more.

The Owner's program required Middle School and High School areas with separate and integrated facilities and **Vocational Technical Education programs**. The facility features Departmentalized classroom groupings. A **school-wide WI-FI and Interactive "smart" boards in all classrooms** are incorporated to support the Owner's future "paper-less" goals.

For the **Vocational Technical Education programs, the Science Suite, labs, and shop** are arranged with proximity to **16,500 SF Agricultural Science**



Suite for program integration and include a commercial grade, **USDA approved Meat Lab** for food processing, comprehensive learning, and **CTE collaboration with West Virginia University's College of Agriculture** (22 special WVU Extension Specialists classes).

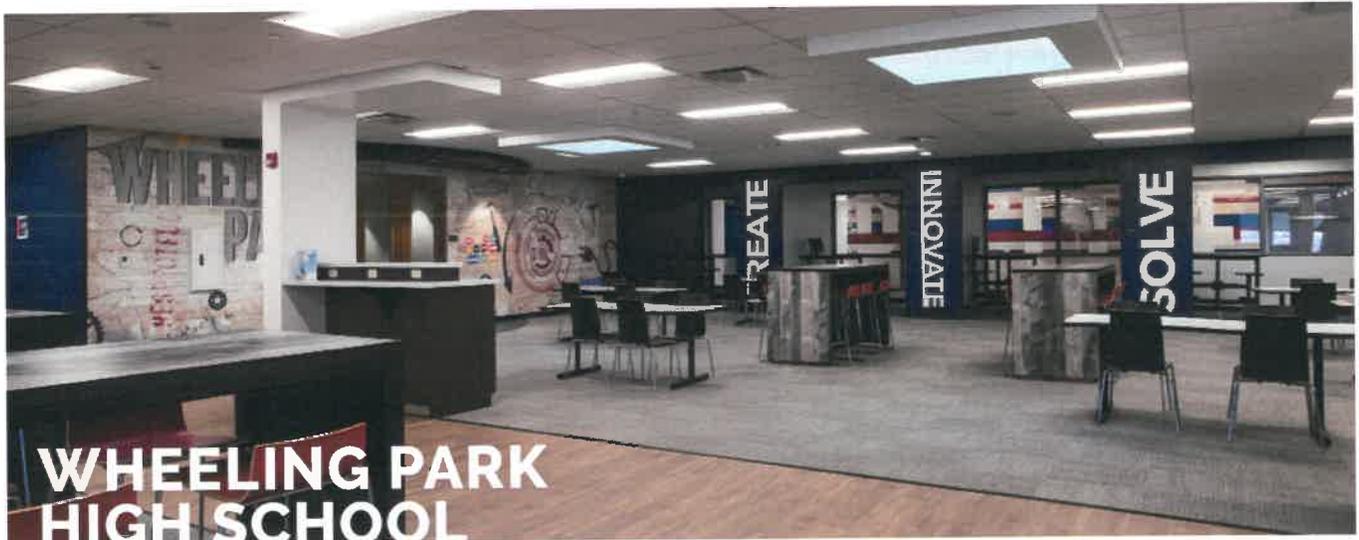
Students in the school's programs use the labs to learn hand-on training. Upon completion of the Agricultural Education program, students will have earned, saved, and productively invested enough money, and will have acquired the necessary knowledge, skills, and attitudes to enter and succeed in: production agriculture, off farm agriculture, college or technical school, and will have become productive citizens of the community.

This **training and education program** includes **computer labs, seat work, viewing of videos, lecture and discussion sessions, smart board activities, meat processing, lab facilities, shop facilities, grounds maintenance, forestry, horticulture and hydroponics, wildlife management, and more.**

The 3,000 SF **shop areas** and surrounding rooms for woodworking, metal working, and repairs meet OSHA standards, and include oxy fuels welding, hand tool woodworking, power tool woodworking, working on small engines, painting, tool storage, agriculture equipment repair, lumber storage, metal storage, cutting and grinding, lathe activities, concrete and masonry work, electrical work, plumbing activities, construction, clean up, and haz mat storage. This has access to loading dock with fork truck and hand trucks, a large garage door. There are high ceilings throughout.

The school has **won multiple awards acknowledging achievements in taking a comprehensive approach to green schools**, including a 2013 Placemaker Award for Innovation from West Virginia GreenWorks; the 2014 Black Bear Award for the Highest Achievement in the West Virginia Sustainable Schools program; and selection as a 2014 U.S. Department of Education Green Ribbon School.





WHEELING PARK HIGH SCHOOL OHIO COUNTY SCHOOLS



CLIENT
Ohio County Schools

LOCATION
Wheeling, WV

PROJECT DATA
\$22.0 M

CONTRACTOR
Nello Construction

Throughout the years, we have completed several projects for Ohio County Schools, totaling over \$100 million, including renovations, new additions, Career & Technical Education spaces, auto repair shop renovations, major infrastructure projects, sports and athletics, as well as their 10-year Comprehensive Educational Facilities Plans.

A recent project we completed at Wheeling Park High School was a new \$11 million J.B. Chambers Performing Arts Center addition / WPHS renovations. This 34,000 SF project was selected as an **Outstanding Design** by the American School & University Magazine's Architectural Portfolio, the premier showcase celebrating the best in education design!

For the May 8, 2018, election, McKinley completed Pre-Bond Services, which led to the successful bond passage by 62%. This bond call results from the CEF 2010-2020 that we developed. The bond will improve all the facilities within Ohio County Schools, including 13 school renovations (18 total projects). The bond total was \$42.2 million, and when combined with funding from the School Building Authority and through an energy-saving improvements program funding total will be over \$75 million.

The long list of construction projects is almost complete. Most of the school received classroom renovations/additions, windows and doors, safety and security upgrades, HVAC and lighting upgrades, code compliance, and more. There are also bleacher replacements, cafeteria additions, roofs, fire alarms, ADA improvements, bus/drop-off upgrades, and more.





(continued from Wheeling Park High School)

Many improvements were for **Wheeling Park High School**, a 310,000 SF building initially constructed in 1975. The school saw **\$22 million** in upgrades due to the bond's passage. The additions and renovations took place over 2 years, with a fully occupied and functional student body.

McKinley addressed some of the county's concerns at the school, focused on student security and building utilization, and updated some areas of the original building. One of the focus areas was the construction of a new main building entrance with a security vestibule and a new administration office to control access to visitors to the building. The new administration office provides better integration between the main office, guidance counselors, and student services.

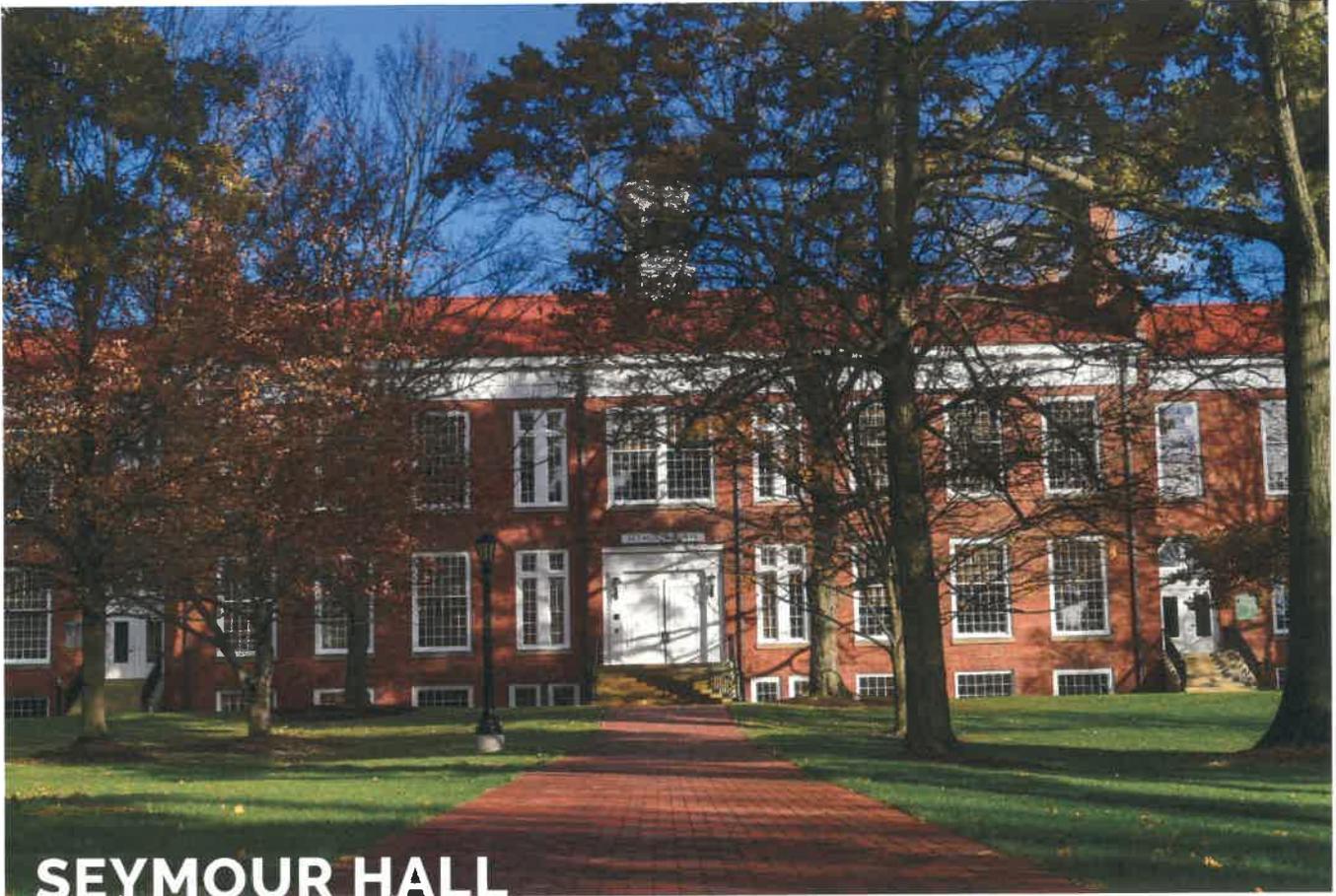
An addition houses a new wrestling practice facility, and the existing locker rooms were updated to accommodate the extensive sports program in the county.

The interior of the building underwent various areas of renovation. The original music and science departments were completely renovated to current standards and equipment.

An area of significant improvement was the original Library/Media Center; the renovated 13,000 SF area is now their **Innovative Learning Center**, where students are encouraged to be creative, collaborate, brainstorm, and create. **It's hands-on, immersive learning.**

This area includes an updated **Maker Space, STEM Lab & Flexible / Group Learning Center** that creates various small scale break out "Huddle Spaces" to encourage and facilitate independent and small group study. **3D printers, Crickets, laser printers, heat presses, whiteboard Kiva wall room for brainstorming and collaboration, multimedia greenroom, Presentation Space, and a student engagement conference room.** There are **VR capabilities** with it, too, where students can walk around, visit different sites, and go on trips to other places.





SEYMOUR HALL

WESTERN RESERVE ACADEMY



CLIENT

Western Reserve Academy

LOCATION

Hudson, OH

PROJECT DATA

37,000 SF

\$13 M

MCF Architects, a Division of McKinley Architecture and Engineering, was selected to for the restoration of Seymour Hall, a historic building on Western Reserve Academy's campus.

Seymour Hall was originally built in 1913, and now serves as the main classroom building and houses faculty offices.

The project included a comprehensive exterior restoration, new energy-efficient windows, ADA upgrades, renovation of historic classrooms & offices, as well as the sensitive installation of all new MEP systems.

During the renovation, five new classrooms were added to the building. 64 geothermal wells powered the newly installed HVAC systems, introducing air conditioning to the building for the first time.



WRA





PRESIDENT'S HOUSE ADMISSION CENTER WESTERN RESERVE ACADEMY



CLIENT
Western Reserve Academy

LOCATION
Hudson, OH

PROJECT DATA
9,593 SF
\$3.2 M

This multi-phase project included the restoration/renovation of the 9,000-sf President's House as a new Admissions Center for WRA; followed by a comprehensive renovation of the 50,000 SF Seymour Hall, the main classroom building. The creation of the new Admissions Center freed up additional space in Seymour, allowing for the creation of additional classrooms and administrative offices.

Both buildings are listed in the National Register of Historic Places. The President's House is the oldest building on the campus, originally constructed in 1830. Seymour Hall was built in 1916. All of MCF's work was carefully reviewed and approved by the Hudson Architectural & Historic Review Board.

Sustainability and energy efficiency were important goals of the project, both buildings are now heated and cooled with geothermal systems. Other upgrades, such as new windows and air barriers, were carefully and sensitively added without negatively impacting the historic buildings.



WRA



REFERENCES

We feel that the best way to demonstrate our strengths and leadership in educational facility planning and architectural / engineering design services is by referring to our clients. We have an ever-growing list of repeat clients in the education sector, which include having multiple open-end contracts. 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:



Mr. Tim Hardesty
Superintendent
Cabell County Schools
PO Box 446
Huntington, WV 25709
304 / 528-5000



Dr. Kim Miller
Superintendent
Ohio County Schools
2203 National Road
Wheeling, WV 26003
304 / 243-0300



Mr. George Collett
Superintendent
Hampshire County Schools
61 Pancione Loop
Augusta, WV 26704
304 / 822-3528



Ms. Dora Stutler
Superintendent
Harrison County Schools
P.O. Box 1370
Clarksburg, WV 26302
304 / 326-7300



Mr. David Warvel
Superintendent
Fayette County Schools
111 Fayette Avenue
Fayetteville, WV 25840
304 / 574-1176

Kimberly S. Miller, Ed. D., Superintendent
ksmiller@k12.wv.us

OHIO COUNTY SCHOOLS

2203 National Road, Wheeling, WV 26003 | 304.243.0300



TOGETHER WE ACHIEVE

October 10, 2025

To Whom It May Concern,

It is my pleasure to recommend McKinley Architecture and Engineering for their outstanding work and partnership throughout our recent bond planning process. Under the leadership of Mr. Ernest Dellatorre, McKinley provided invaluable support that contributed to the successful passage of bond work impacting all fourteen schools in Ohio County.

From the earliest stages of planning through stakeholder engagement, site evaluations, cost estimating, and communication strategy, McKinley demonstrated professionalism, responsiveness, and deep knowledge of school facility planning. Their ability to navigate complex logistics while keeping educational priorities at the forefront set them apart.

Mr. Dellatorre and his team worked collaboratively with our administration, Board of Education, and community members to ensure a transparent and inclusive process. Their guidance helped us build trust with the public and secure the support needed to move our projects forward.

I highly recommend McKinley Architecture and Engineering to any district or organization seeking a reliable, experienced, and forward-thinking architectural partner.

Sincerely,

Kimberly S. Miller, Ed.D.
Superintendent

<http://boe.ohio.k12.wv.us>





WYOMING COUNTY SCHOOLS

155 Park Street, PO Box 69 Pineville, WV 24874
Telephone: (304) 732-6262 Fax: (304) 732-7226 Website: <http://boe.wyom.k12.wv.us>

Inspiring Our Students to Learn, Dream, and Achieve!

Johnathan J. Henry, Superintendent
Kara N. Halsey-Mitchell, Assistant Superintendent
Keith A. Stewart, Assistant Superintendent

Board of Education Members

Allan R. Stiltner
Michael R. Prichard
Dr. Douglas E. Lester
Doug Kennedy
N. Robin Hall

October 10, 2025

Wyoming County Schools
155 Park Street
Pineville, WV 24874

To Whom It May Concern:

It is with great confidence and appreciation that I write this letter of reference for McKinley Architecture and Engineering, who has served as the architect for our recent Facilities Bond Project in Wyoming County Schools. As Superintendent of Wyoming County Schools, I have had the privilege of working closely with their team throughout every phase of the bond process, and I can affirm that their professionalism, expertise, and commitment were integral to the project's success.

From the earliest stages, McKinley Architecture and Engineering provided comprehensive pre-bond services that guided our district from concept to execution. Their team developed a detailed and strategic plan outlining all the steps necessary to build community understanding and support for a successful bond initiative.

Their work included meeting with the Board of Education to establish preliminary support, evaluating each of our schools to determine which projects should be prioritized in the bond, and conducting preliminary site analyses and surveys, including borings where necessary. They also provided accurate project cost estimates and worked closely with administrators, staff, and community members to incorporate meaningful input into project recommendations.

McKinley's leadership extended to initiating meetings with the School Building Authority (SBA) to secure funding support, as well as retaining an experienced educational specification consultant to ensure that our proposed facilities aligned with instructional goals and needs. Their team was instrumental in forming our School Bond Committee, obtaining a conditional commitment from the SBA, and organizing focus groups to refine and deliver a clear, community-based message.

Throughout the process, McKinley Architecture and Engineering collaborated with bond and finance counsel to prepare bond call descriptions and develop a sound financing plan. They produced high-quality conceptual designs and detailed renderings, provided valuable input in media and message development, and helped establish key stakeholders to lead the funding and information campaigns.

As part of their ongoing engagement, members of McKinley's team participated in public meetings and community events, ensuring transparency, and fostering strong public support for the initiative. Their professionalism and commitment to partnership were evident at every step.

I wholeheartedly recommend McKinley Architecture and Engineering as a highly competent, innovative, and collaborative firm. Their strategic approach, technical expertise, and community-centered focus make them an outstanding partner for any district undertaking facility planning, bond development, or architectural design work.

Sincerely,



Johnathan J. Henry
Superintendent
Wyoming County Schools



HANCOCK COUNTY SCHOOLS

Suzan L. Smith, *Superintendent*

P.O. Box 1300, New Cumberland, WV 26047

Fax – 304-564-3990 • Voice – 304-564-3411 • www.hancockschools.org

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SUBJECT: REFERENCE FOR MCKINLEY & ASSOCIATES

To Whom It May Concern:

The Hancock County Schools administration and I would like to express our great appreciation for McKinley & Associates and the care they place in their business.

Together, we have just recently finished construction of over 56 million dollars of countywide school construction. This included new construction, as well as existing building renovations, and finishing off with our new Weirton Elementary School which is closing out at just under 1% in total change orders.

McKinley & Associates recognized the challenges of these projects for us from the beginning and, through their efforts, helped to achieve our goal. From utilizing their marketing skills and relationships with the School Building Authority on funding approval and local Bond Passage, technical knowledge required for educational facility planning and construction, and their involvement during the construction phase, McKinley & Associates continually exceeded our expectations.

Hancock County Schools highly recommends the services of McKinley & Associates to anyone in need of professional architectural and engineering services. I would like to take this opportunity to thank the staff of McKinley & Associates for this continued effort and friendship.

Sincerely,

Suzan L. Smith
Superintendent

SLS:blr

Hancock County Schools' mission is to afford all students the academic and social skills necessary to become productive members of society.

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) 1324 Chapline Street - Suite 400, Wheeling, West Virginia 26003

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

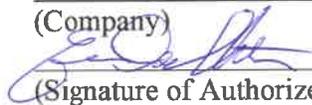
(email address) edellatorre@mckinleydelivers.com

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 12 March 2026

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

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

(Phone Number) (Fax Number)

edellatorre@mckinleydelivers.com

(Email Address)



www.McKinleyDelivers.com
www.Linkedin.com/company/McKinleyDelivers
Instagram: @McKinleyDelivers
www.Facebook.com/McKinleyDelivers



McKINLEY
ARCHITECTURE + ENGINEERING

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

John R. Jefferis, LEED AP, CCM, MPM
Director of Project Management
jjefferis@mckinleydelivers.com • (304) 238-9410

Patrick J. Rymer, AIA, ALEP
Director of Architectural Services
prymer@mckinleydelivers.com • (304) 830-5364

Kurt A. Scheer, PE, LEED AP
Director of Engineering Services
kscheer@mckinleydelivers.com • (724) 759-7903