





October 1, 2024

Joseph E Hager III Bid Clerk Department of Administration, Purchasing Division 2019 Washington Street East Charleston, WV 25305-0130

Dear Mr. Hager and Members of the Selection Committee;

McKinley Architecture and Engineering is pleased to provide the Acquisition and Contract Administration Section of the Purchasing Division, on behalf of the West Virginia Schools for the Deaf and the Blind, with our Expression of Interest to provide architectural/engineering design services, construction bidding documents, and contract administration for renovations and evaluation of general campus site upgrades and renovations located at the West Virginia Schools for the Deaf and the Blind. As you will see, we have successfully completed a multitude of similar projects, including storage buildings, running tracks, garage doors, laundry spaces, plumbing, window replacements, masonry repair, secure entrances, and much more. 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, and Martinsburg, WV, as well as Pittsburgh, PA, we support a professional staff which includes Architects, Engineers, Project Managers, Interior Designer, Sports and Entertainment Designers, Historic Preservationist, Construction Contract Administrators, and more. We have an Accredited Learning Environment Planner, and also have Recognized Educational Facility Planner on staff that are designated by the Association for Learning Environments! Our staff also includes LEED Accredited Professionals that can add high performance school components and energy efficient features into your projects.

In an exciting move for both firms, JTSA Sports merged with McKinley Architecture and Engineering to amplify our collective impact. We provide a total sports architecture and recreation specialist team, and provide services to sports vendors, communities, schools, colleges and universities, and professional sports franchises across the country.

We are excited to announce that for the 3<sup>rd</sup> consecutive year we are a member of PSMJ's Circle of Excellence 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 2<sup>nd</sup> consecutive year, the industry's premier recognition of firms that have mastered workforce retention and productivity by achieving the highest level of employee engagement. For the 2<sup>nd</sup> consecutive year we've made the Building Design + Construction's Giants 400 Report as a Top Architecture / Engineering Firm. Furthermore, we are also pleased to announce that for the 5<sup>th</sup> 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 Architecture and Engineering believes our strengths lie in the quality of the people we employ. With our growing size of **over 60 employees**, you can see that McKinley Architecture and Engineering offers you an added benefit of having the capabilities of **handling all of these projects simultaneously**. We have the ability to assign an entirely separate architectural design team tailored for each of the projects (while using the same engineering design team to maintain continuity among the building systems). No project is too large or small; we have designed projects ranging from a few thousand dollars to multi-million dollar projects. Our goal as your architect and engineer is to provide you with a first class, state of the art design.

McKinley Architecture and Engineering 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 over a hundred school facilities in over half of West Virginia's 55 counties; this includes working with you, the West Virginia Schools for the Deaf and the Blind.

In closing, one of the more exciting aspects of our job is listening to you, our client, in how you envision these 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.

McKinley Architecture and Engineering has been <u>honored</u> to be selected by the West Virginia Schools for the Deaf and the Blind for multiple projects over the years, and we are very excited about the possibility of continuing our design services with you on these projects.

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 these projects designed and constructed. Thank you for reviewing our submission and considering McKinley Architecture and Engineering. We are very excited about the possibility of continuing our working relationship with you.

Personal Regards,

Ernest Dellatorre

Director of Business Development
McKinley Architecture and Engineering

(304) 830-5359

edellatorre@mckinleydelivers.com



# COMPANY OVERVIEW

## HISTORY

Founded in 1981, McKinley Architecture and Engineering is a multi-discipline full service A/E firm of 60+ employees offering comprehensive professional services in architecture, mechanical-electrical-plumbing engineering, interior design, sports & entertainment, educational planning, and construction contract administration.

We have a broad range of skill and experience for projects involving schools, higher education, sports and recreation, governmental, and commercial markets.

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





## **OFFICES**

### Wheeling

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

#### Charleston

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

#### Martinsburg

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

#### Pittsburgh North

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

## CONTACTS

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

## Aaron S. Larimore, AIA, NCARB

**Project Architect** alarimore@mckinleydelivers.com • (724) 759-7842

## James T. Sauer, RLA

Sports Division Manager jsauer@mckinleydelivers.com · (304) 604-2902

# **SERVICES**

- Architecture
- Engineering
- Architectural/Engineering Design
- Sports & Entertainment
- Learning Environment Planning
- Educational Facility Planning
- Interior Design
- Sustainable Design
- Historic Preservation
- 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.





# 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/
- 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 insand-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.

# **SPORTS & ENTERTAINMENT**

# JTSA Sports and McKinley Architecture + Engineering Announce Merger

After completing numerous athletic complex projects, McKinley Architecture and Engineering and JTSA Sports decided to merge forces to provide our clients with increase capacity at an expedited pace.

Prior to the merger, JTSA Sports has 60 years combined professional experience and a professional staff that is focused on providing the very best in sports architecture and recreation design services.

James T. Sauer, a registered landscape architect who has designed over 150 sports fields, founded the firm in 2004.

Since 2004, JTSA Sports' staff of landscape architects, planners, and engineers have master planned, designed and construction managed numerous athletic projects throughout the United States.

JTSA Sports specializes in sports facilities and currently provides sports architecture services to sports vendors, communities, and schools across the country. Our projects take us from the Gold Coast of Florida to the Pacific Coast in California.

Our projects range from sports planning to construction management and have allowed us to work with professional sports franchises, **NCAA colleges/Universities**, high schools, and municipalities.

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.



# 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.

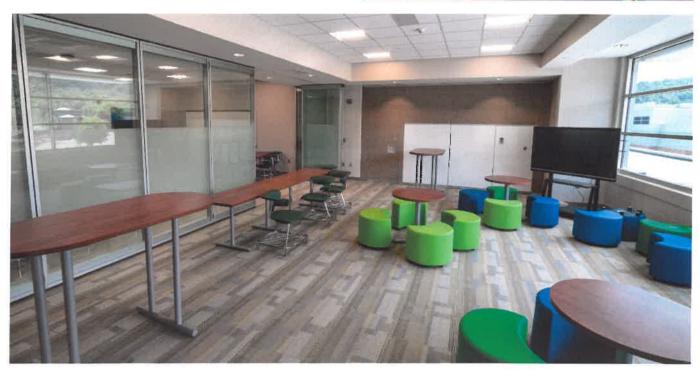
Construction documents required to detail the project include schedules, elevations, plans, presentation boards, and specifications. To maintain coordination, the follow-up contract administration consists of a submittal review, post-construction evaluation, and coordination of FF&E contracts when applicable.

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.













# **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. Worlledge, 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 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 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, facilities plans, systems upgrades, safety and security upgrades, and infrastructure improvements to hundreds of school facilities. We have several open-ended agreements with various counties across the State. 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



Brooke Middle School



Hilltop Elementary School | LEED Certified



Barnesville Exempted Village Schools - Shamrock Stadium Renovations



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

## 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



A.T. Allison Elementary School Additions and Renovations



Tyler County Multi-Sports Stadium Complex



New Mullens Elementary School



Tyler County Bus Maintenance Garage

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

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

### 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



Triadelphia Middle School Addition and Renovations



Parkersburg High School Restorations, Additions and Renovations



Brooke Middle School



Wheeling Park High School Additions and Renovations

### 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

## 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



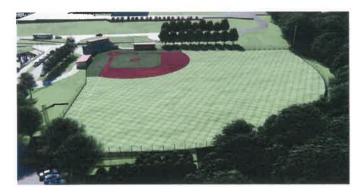
Edison Local Schools Sports Complex



Edison Local Schools Sports Complex



Union Local Schools Athletics Master Plan



Union Local Schools Athletics Master 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

Wheeling Park High School Athletic Complex
Woodsdale Elementary School cafeteria addition &
renovations



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



New Milton Elementary School



New South Branch (West) Elementary



New Windy Ridge (Central) Elementary



New Ice Mountain (North) Elementary

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

WVSDB Administration Bldg Assessment Instructional Resource Center facade repairs



East Liverpool High School Field renovations



East Liverpool High School Field renovations



Buckeye Trail High School Sports Complex

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
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







# BERKFLEY COUNTY SCHOOLS



CLIENT Berkeley County Schools

LOCATION Berkeley County, WV

PROJECT DATA \$150.0 M



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.





#### BEFORE



#### **AFTER**





CLIENT Grant County Schools

LOCATION Mt. Storm, WV

**PROJECT DATA** 2 Phases 65,673 SF \$1.6 M

McKinley has worked with Grant County Schools on multiple projects over the years, including additions and renovations at several schools; many included windows, masonry, and school access safety upgrades.

One project example is the Union PK-12 Educational Complex renovation/ repair/addition project which involved 2 Phases of work.

The overall building improvements combine design flexibility and high performance, which involves form, function, performance, and security features; for example, the new windows are energy efficient and allow natural daylight to enter, but at the same time also obstructs exterior vision (looking in). The projects were completed on time and budget.

The 1st phase included a new aluminum storefront safety ADA entrance, new building façade upgrade, new secure doors and windows, site improvements. systems upgrades, paving, floors, ceilings, exterior and interior lighting, HVAC, electrical, plumbing, ADA accessibility, painting, furnishings and finishes, locker room, restrooms, and more.

The 2nd phase involved additional new windows and doors, gymnasium floor replacement and painting, a new school-wide fire alarm protection system, site drainage, water barrier application, new interior ADA ramps, and more. This phase included perimeter site drainage with excavation, a new sump pit and cast iron submersible pump, and utilizing the existing piping in order to create the shortest length of piping needed for the tie-in at exit at street.



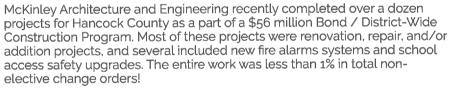




CLIENT Hancock County Schools

LOCATION New Cumberland, WV

PROJECT DATA 41,460 SF \$6.2 M



For one example, the New Manchester Elementary School, we completed a 9,981 SF addition as well as a renovation of 31,479 square feet at the school.

The building was brought up to today's standard of school safety and security. This included a redesigned secure main entrance, new exterior doors and interior doors with insulated security glass, the addition of Man Traps at every public entry point, security cameras and video monitoring of all access points, door position monitoring, new security windows, and a building-wide access control system which controls and records all access.

The old fire alarm and fire suppression systems were obsolete and did not meet present day code or performance standards. The renovations included a major school-wide life safety upgrade which included a fire alarm replacement, fire suppression and fully sprinklering the building, the addition of egress corridors, electrical upgrades, new drop ceilings, lighting, etc.

The building additions included a new pre-kindergarten wing with a secure separate entrance featuring video cameras and a buzzer system for visitors. The old gymnasium doubled as a cafeteria, so they were excited to get a new cafeteria as a part of the second building addition. The new fire suppression system, as well as other systems, were extended to the new additions.





#### **BEFORE**



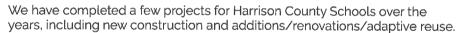
#### **AFTER**



CLIENT Harrison County Schools

LOCATION Clarksburg, WV

PROJECT DATA 61,300 SF \$8.0 M



For one example, this \$8 million project is to adaptively reuse and convert United High School to the new Gore / Victory Elementary School; combining Adamston Elementary School and Wilsonburg Elementary School. The project includes 55,200 SF of renovations, along with 6,100 SF of new additions. This was designed for an enrollment of 553 students.

A 2-story classroom wing addition was designed to accommodate the number of students. Some of the 1st floor classrooms of the two story classroom wing addition will be combined with toilets to make 2 Prek and 2 Kindergarten classrooms, and the remainder of the classrooms on the 1st floor will be three 1st grade and three 2nd grade classrooms and/or Special Education rooms. The 2nd floor will house three 3rd, 4th, and 5th grades, as well as a media center and computer lab and a Special Ed room. The 2nd floor of the new classroom wing addition holds the 5th grade classrooms.

The renovations also includes systems upgrades, safe school features, new building façade, classroom upgrades, kitchen and dining areas, as well as a gym and other various interior renovations to the existing buildings.

We also designed multiple "High Performance School" components and energy efficient features, such as full MEP upgrades to create a highefficiency system, LED lighting, natural daylighting, ventilation and highefficiency filters for good indoor air quality, and more.











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, risk assessments, safety and vulnerability upgrades, 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 CEFP 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.





Many improvements are set for Wheeling Park High School, a 310,000 SF building initially constructed in 1975. The school will see about \$22 million in upgrades due to the bond's passage. The additions and renovations project will take place over two years, with a fully occupied and functional student body. McKinley was hired to address 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 for the project is 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 will provide better integration between the main office, guidance counselors, and student services. An addition will house a new wrestling practice facility, and the existing locker rooms will be updated better to accommodate the extensive sports program in the county. The interior of the building will undergo various areas of renovation. The original music and science departments will be completely renovated to current standards and equipment.

An area of significant improvement is 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, a student engagement conference room, and various small-scale break-out "Huddle Spaces" to encourage and facilitate independent and small group study. The maker space has 3D printers, Crickets, laser printers, and heat presses. There is a whiteboard wall room for brainstorming and collaboration. There are VR capabilities with it, too, where students can walk around, visit different sites, and go on trips to other places.





OHIO COUNTY SCHOOLS



CLIENT Ohio County Schools

LOCATION Wheeling, WV

CONTRACTOR Cast & Baker Corp As mentioned, over the years, we have completed several projects for Ohio County Schools, totaling over \$100 million/ This has also included several sports and athletic projects (athletic fields, field houses, gymnasiums, associated structures, etc.).

Many improvements are set for Wheeling Park High School, a 326,000 SF building initially constructed in 1975, which will see about \$22 million in upgrades due to the bond's passage. For athletics, there is an addition of a new wrestling practice facility and bleacher renovations, and all the existing locker rooms will be updated better to accommodate the extensive sports program in the county.

We also completed a new Athletic Complex for Wheeling Park High School in 2022. McKinley Architecture and Engineering worked with J.T. Sauer & Associates to design this multi-sport field primarily for softball and soccer. Still, they will accommodate several other athletic departments and educational needs. This field included synthetic grass system fields. Dugouts, bullpens, press boxes, concessions/restroom building, bleachers, scoreboards, custom painting, lighting, parking lot, and more are included. Construction cost is approximately \$2.5 million.















CLIENT Tyler County Schools

LOCATION Tyler County, WV

PROJECT DATA All Schools

McKinley Architecture and Engineering has an on-going relationship with Tyler County Schools, and we have completed multiple projects for them since 2003, including various renovations, School Access Safety projects. systems including fire alarms upgrades, and more.

For one project, we completed a County-Wide School Access Safety Plan updates and implementation Project. To start, we completed a study including preliminary floor plans and elevations, as well as budget estimates, for safety and security renovations/additions to every school in Tyler County.

From this study, we completed the design and construction phases of this county-wide undertaking. This \$770,000 project consisted of renovations and additions which included school access safety improvements to all of the county's pre-Kindergarten, Elementary, Middle and High Schools.

Work included door replacements, window replacements, and forced entry resistant glazing replacements.

A new centrally monitored access control, and credential/ID system with video, audio and card stations for staff, visitor and student access was a central component of the upgrades. Exterior entry points were consolidated, and existing key access locations were "re-keyed" to re-established district key control. A new "mantrap" and automatic ADA door operators were also included in upgrades.

Site egress and vehicular safety bollards were also added.









TYLER COUNTY SCHOOLS



CLIENT Tyler County Schools

LOCATION Middlebourne, WV

PROJECT DATA 16,500 SF \$3.5 M

McKinley has an on-going relationship with Tyler County Schools, and we have completed multiple projects for them since 2003, including various renovations, HVAC upgrades, School Access Safety project, and more.

For one project; we recently completed their new Bus Maintenance Facility. This 16,500 SF building includes a 1,375 SF storage mezzanine.

There are 7 bays in this facility, including a dry wash bay and a wet wash bay.

The maintenance spaces includes an area for parts/storage/dispensing, rooms for fluids, tire storage, tools, welding/machine, locker, additional storage, and utilities.

The administrative spaces includes the Transportation Director's office which includes dispatch, mechanics office, conference room, waiting area with reception, break room, and more.

The site includes a fuel dispensing tank / station, security fencing, bus parking lot, regular parking lot, and paved storage area.







YLER COUNTY SCHOOLS



CLIENT Tyler County Schools

LOCATION Sistersville, WV

PROJECT DATA \$10.0 M

CONTRACTOR City Construction Company McKinley Architecture and Engineering has an ongoing relationship with Tyler County Schools, and we have completed multiple projects for them since 2003.

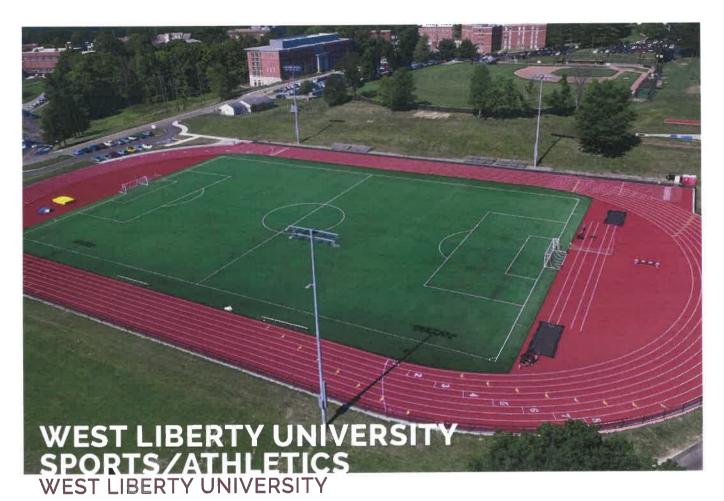
One recent project, completed in February 2021, was the new \$10 million Tyler Consolidated High School Athletic Complex. McKinley created this complex with JTSA Sports (now a division of McKinley Architecture and Engineering), Musco Sports Lighting, and FieldTurf USA.

The project included a baseball, softball, practice, and football/soccer field. There is a synthetic grass turf system. An 8-lane track circles the football field, and additional track & field fixed athletic equipment exists. There is also a field house/concessions facility, ticketing, press boxes, dugouts, batting cages, a 3,000-seat grandstand, a scoreboard, a sound system, play clocks, LED field lighting, and more.

The Knights are thrilled to have this new complex.



**McKINLEY** 



CLIENT West Liberty University

LOCATION West Liberty, WV

Over the years, McKinley Architecture and Engineering has completed multiple projects for West Liberty University. Most recently, we have worked on 2 different stadiums; both a renovation project, as well as a new construction project:

The West Family Football Stadium / Russek Field lighting project was a fasttracked project where we started the design in July and the construction was completed at the start of the football season.

The project included foundations drilling and concrete, Sports Lighting. electrical wiring, trenching and backfill, etc. Musco Sports Lighting was used, and there were 5 poles and 89 total luminaires.

We cheered on the Hilltoppers at their first-ever home night game on Halloween night.

The other recent project is a new multi-sport Soccer & Track Stadium, the West Family Athletic Complex and Tim Weaver Memorial Track, which is a multi-phasé project.

Phase I was an Early Site Preparation Package which involved the demolition of a series of existing campus housing units and parking area, utility relocations and extensions, new electric service, cut and fill operations to create a level area for the track & field, storm drainage, access roadway. parking, entryway walking paths, and associated site work.



Phase II is the Field & Track Package. McKinley worked with JTSA Sports for this phase.

This includes a competition quality 75 x 115 yd NCAA synthetic turf soccer field, the lines and markings painting; an 8-lane, all-weather, competition quality double bend 400m track; field events (long jump, triple jump, pole vault, javelin, discuss, shot put, etc.); and the field lighting.

This project took into account consideration for NCAA regulations, University athletic requirements and ADA compliance.

This portion was completed on-time before the start of the 2019-20 season.

Future phases will include a field house facility, grandstands, press box, scoreboard, sound and timing systems, maintenance building. The field house facility will incorporate restrooms, concessions, and team areas.

Furthermore, we are currently aiding their Wrestling Department who are beginning a campaign to raise funds for a new facility.









CLIENT West Virginia University

LOCATION Morgantown, WV JTSA Sports (now a Division of McKinley) began working on with West Virginia University with the design and construction observation of the Wagener Field at Monongalia County Ballpark as a part of a design team.

JTSA Sports was then hired independently to work on the renovations at Milan Puskar Stadium, the development of the outdoor practice facility, the renovations of the indoor athletic facility, and ongoing sports design consulting.

Currently, JTSA is working on 3 additional project continuing renovations of athletic facilities.

As mentioned, in 2014, JTSA Sports was contracted as part of a team to design the artificial turf baseball field system for the new WVU Monongalia County Ballpark. JTSA responsibilities included the field design including dynamic drainage, field stormwater, field layout, and turf system. JTSA provided construction observation services for the construction of the synthetic turf fields system, which was constructed during the winter of 2013-2014 to be ready for the 2014 spring baseball season. Currently the field is used by WVU and the Pittsburgh Pirates Affiliate minor league team; the West Virginia Black Bears.

In 2014-15, JTSA Sports designed and construction managed the two phase development of The Steve Antoline Family Football Practice Facility outdoor football practice facility. The facility was designed to maximize the space and provide ample room and training locations for the football team. The practice facility included a Split Story 4,300 square foot equipment storage facility, 1 full size football field, 1 half size football field, observation tower, sand pit



training area, kicking area, sled wall, and 4 cooling stations. The facility was designed for training with; multiple zoned areas, widen out-of-bounds, and 4 locations for players to leave the turf and sun under cooling stations equipped with misting fans and cooling tubes.

In 2015, WVU began planning for major overhaul of Milan Puskar Stadium for the 2016 football season. Part of this major overhaul was the removal of the "Old Crown" in the center of the football field and the modernization of the football field to meet 2016 performance and playing standards. JTSA Sports' goal was to not only meet the NCAA standards but the new standards currently being considered by the NFL for it's fields. This includes a surface which can handle absorption of impact from a cylinder drop at a 6 foot height. The renovations included the removal of the existing field base, crown removal, stabilization of soils, dynamic drainage system, a Brock International impact pad, and new Field Turf Revolution turf system.

In 2019, WVU contracted JTSA Sports to investigate and make repairs and renovations to the Caperton Football Indoor Practice Facility. The field had risen in the mid corner of the complex for what JTSA feared as expansion due to soils. JTSA Sports team with Gateway Engineers- Geotechnical team and tested the site to determine the problem. Our team developed a strategic solution which would resolve the current issue and minimize the future impact without major overall of the foundational soils of this complex. Upon development of a drainage system and field design by JTSA Sports, our team bid and provided construction management observation services for the project. Working on a very tight time schedule to complete the project between the end of spring practice and the beginning of summer practice seasons, the renovation of the Caperton Indoor Facility was able to be completed on time and schedule with minimum impact to the practice schedule of WVU Football.

In 2022, JTSA Sports was contracted for the turf replacement project of the WVU Monongalia County Ballpark. Constructed was completed in December of 2023.











CLIENT

Gateway School District

LOCATION Monroeville, PA JTSA Sports, now a Division of McKinley Architecture and Engineering, was contracted to create an athletic facility master plan for Gateway School District, and then to design the baseball, softball, and multipurpose fields.

Continuing the working relationship with Gateway School District, JTSA Sports was contracted to perform additional services which include the high school band practice area as well as the baseball field, football field and track located at the middle school.









CLIENT **Brentwood Borough** 

LOCATION Brentwood Borough, PA

JTSA Sports, now a Division of McKinley Architecture and Engineering. created a master plan project which concluded with the final phase of a \$6.4 million renovation of Brentwood Park.

JTSA Sports was the lead design consultant for all three phases which included the development of two baseball fields, basketball court, tennis court, deck hockey court, and a \$3.1 million new 2,500 person capacity stadium with plazas, restrooms, concessions, ticket booths, ADA walkways and parking.

Under Phase II, JTSA transformed the center of the park and the focal point of the new stadium; a new premier turf football field surrounded by a 6 lane. 400 meter competition track with field event areas.

The new field was a Shaw Legion monofilament/slit film blended turf system. The dynamic drainage base was designed to include an underground stormwater management system for the track and new parking lots. The total designed transformed the park and immediately made Brentwood Park a WPIAL high school playoff location.











CLIENT Wheeling Hospitality, LLC

LOCATION Multiple Hotels in 4 States

PROJECT DATA 54,636 SF

We designed Holiday Inn Express & Suites in Triadelphia, WV, Washington, PA, Cambridge, OH, Cumberland, MD, and more.

Their Laundry and Housekeeping Services includes a house-keeping main laundry facility comprised of 2 commercial washers with an automated detergent system, and 3 commercial dryers.

The guest laundry room is a self-use facility, designed for 2 residential washers, 2 residential dryers, and folding tables. Upper floors have a laundry chute leading to the main laundry room.









CLIENT Panhandle Cleaning & Restoration

LOCATION Wheeling, WV

PROJECT DATA 32,000 SF \$3.5 M



**McKINLEY** 

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

Panhandle provides 24-hour emergency disaster clean-up services and therefore required some special plumbing and mechanical systems; a separate de-ionizing water system, fully exhausted ozone decontamination rooms and electronic equipment drying areas were engineered into the warehouse space. The first floor of the mezzanine is the "Contents Processing" Facility" where the main "cleaning and restoration" takes place. This is broken into multiple rooms, and many have specialized components and considerations we had to design for, including Laundry Room (washing machine, commercial dryer, sink with drain board, hot and cold water supply. drains per code, de-ionized water supply, & compressed air, etc.), Esporta Station (Esporta Wash System, commercial washer with 75lb capacity, 2 commercial dryers with 75lb capacity, etc.), Ultrasonic Station, Electronics Dis-Assembly/Cleaning Area, Electronics Re-Assembly Area, Mechanical, Wash Bay, and 2 U-Shaped Stations. Some of these areas have other specialized design considerations, such as workbenches, various countertop heights, roller conveyors, rinse stations, cabinets and drawers, stools, tables, shelving, mobile rolling racks, sinks, additional electrical outlets, etc.

The Esporta Wash System is an innovative washing system uses a patented system of hydraulic pressure combined with a specific blend of detergents to effectively disinfect clothing/uniforms, other soft contents, personal protective gear and all types of sports equipment. This cleans, sanitizes, and restores up to 160lbs of laundry in a single wash load.



CLIENT YWCA Wheeling

LOCATION Wheeling, WV For more than a century, the YWCA Wheeling has supported women in need in the Ohio Valley.

We are presently completing a full rehabilitation of their building, originally built in the 1920's. It is fully occupied while this work is being done, requiring careful coordination with the occupants during the entire process.

Interior rehabilitation and restoration scope has been designed for each of the six floors. Original features have been kept or are being restored. This includes the original board room with its stage and French doors/windows, resident living room with built in bookcases and fireplaces, improvements to the monumental main stair including rated glass interior walls, individual quest/resident rooms and conversion of the old cafeteria to a new state of the art learning center for local and long-distance seminars and education. Mechanical, electrical, plumbing, fire protection and elevator upgrades are being incorporated into the renovations as the work progresses.

The exterior is being completely restored. This work includes brick masonry repairs, some brick replacement, steel lintel replacement at windows, window replacement or restoration depending on the window material, façade repointing of brick, stone & terracotta, stone dutchmen repairs, window replacement, decorative metal railing replacement, and replacement and upgrades to entries for security purposes. Lastly, the building will be cleaned using the mildest effective solution so as to avoid damage to the historic masonry and exterior openings.



## **TEAM EXPERTISE**

We believe our strength lies in the quality of the people we employ. Our seasoned staff of over 60 employees has an unsurpassed knowledge of the business and the dedication it takes to make each project a success.

McKinley Architecture and Engineering specializes in educational design, which makes up about 90% of our business. 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.

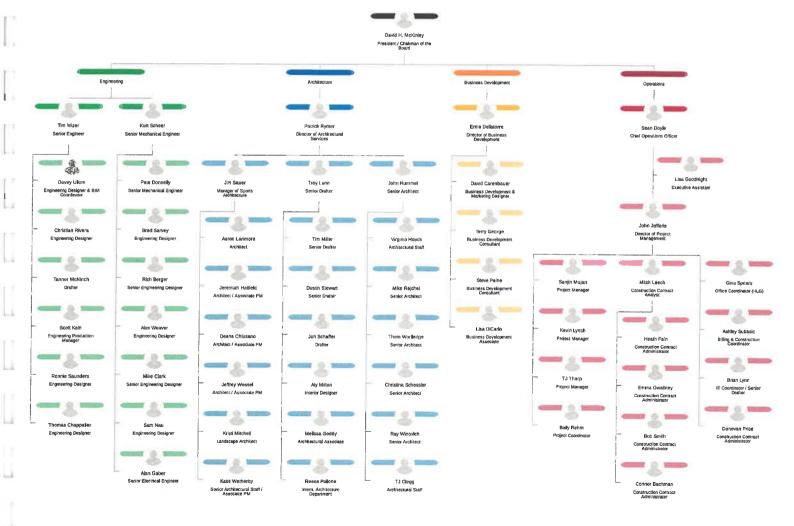
We have completed several comprehensive educational facilities plans, updates, renovations and addition projects, as well as many new schools, to a multitude of school facilities in several states.

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 LED lighting fixtures which use less electricity.

The resume for the key design professionals are found on the upcoming pages, and includes the experience and qualifications of these individuals.

In addition, here you will find an Organizational Chart to see the size of our firm:







## 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

27 years

#### SELECTED EXPERIENCE

#### Barnesville Exempted Village Schools

Barnesville, OH Barnesville High Football Field

#### **Berkeley County Schools** Martinsburg, WV New Falling Waters Elementary

**Berkeley County Schools** Hedaesville, WV New Hedgesville PK School

#### **Berkeley County Schools** Hedaesville, WV Hedgesville High Football Field

**Berkeley County Schools** Inwood, WV New Inwood PK School

#### **Berkeley County Schools** Martinsburg, WV Martinsburg High renovations

**Berkeley County Schools** Martinsburg, WV Martinsburg High Athletics

#### **Berkeley County Schools** Gerrardstown, WV New Mountain Ridge Elementary

**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

#### **Cabell County Schools** Milton, WV New Milton Elementary

#### 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 classroom addition

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

#### **Harrison County Schools** Bridgeport, WV Simpson Elementary additions and renovations

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

#### **Marion County Schools** Fairmont, WV East Dale Elementary renovations

#### Ohio County Schools Wheeling, WV Elm Grove Elementary renovations

#### **Wood County Schools** Parkersburg, WV New Lubeck Elementary





## 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: 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 Gore Elementary School

#### Marshall County Schools

**ESSERF** projects

#### **Ohio County Schools**

Wheeling, WV Elm Grove Elementary School renovations

#### **Ohio County Schools**

Wheeling, WV Middle Čreek 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

### **Wetzel County Schools**

Paden City, WV Paden City Elementary School multi-purpose building

#### Wetzel County Schools

New Martinsville, WV Bus Maintenance Facility

### Glenville State University

Glenville. WV School of Health Sciences





## VIRGINIA HOUCK

**GRADUATE ARCHITECT** 

Ms. Houck is an Architectural Intern who earned her Master of Architecture degree at Kent State University before coming to McKinley Architecture and Engineering. At McKinley she has focused primarily on creating building models and drawings but has previous experience with graphic design and marketing. Virginia is familiar with a wide variety of software and emerging technology that includes 3D printing, parametric modeling, and digital media editing. This includes Revit, Rhino, Photoshop, Illustrator, InDesign, Office Suite, V-Ray, Keyshot 7, Cura, and Creality Slicer.

#### **FDUCATION**

Kent State University

Masters of Architecture Kent State University B.S. of Architecture

#### PROFESSIONAL AFFILIATIONS & REGISTRATIONS

Associate Member: The American Institute of Architects

Generation West Virginia's 2020-21 Impact Fellowship program

#### YEARS OF EXPERIENCE

5 years

#### SELECTED EXPERIENCE

#### **Bridgeport Exempted Village** Schools

Bridgeport, OH Bridgeport High roof

#### **Berkeley County Schools** Martinsburg, WV

Martinsburg High renovations

#### **Berkeley County Schools**

Gerrardstown, WV New Mountain Ridge Elementary

#### Cabell County Schools

Milton, WV New Milton Elementary

#### **Fayette County Schools**

Oak Hill, WV Favette Institute of Technology renovations

#### **Fayette County Schools**

Meadow Bridge, WV New Meadow Bridge PK-12 School

#### **Fayette County Schools**

Smithers, WV Valley PK-8 School electric renovations

#### **Hampshire County Schools**

Romney, WV Hampshire High renovations

#### **Hampshire County Schools**

Slanesville, WV New Ice Mountain Elementary

#### **Hampshire County Schools**

Romney, WV New South Branch Elementary

#### **Hampshire County Schools**

Augusta, WV New Windy Ridge Elementary

#### **Harrison County Schools**

Clarksburg, WV Gore / Victory Elementary buildout renovation and addition

#### **Harrison County Schools**

Lost Creek, WV New Lost Creek Elementary

#### **Ohio County Schools**

Triadelphia, WV Middle Creek Elementary renovations

#### **Ohio County Schools**

Wheeling, WV Steenrod School addition & renovations

#### **Ohio County Schools**

Wheeling, WV Wheeling Middle additions and renovations

#### **Ohio County Schools**

Wheeling, WV Wheeling Park High additions and renovations

#### **Summers County Schools**

Hinton, WV Summers County HS/MS addition & renovations

#### **Tyler County Schools**

Sistersville, WV New Bus Maintenance Facility





# MITTON

INTERIOR DESIGNER

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

#### EDUCATION

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

#### PROFESSIONAL AFFILIATIONS & REGISTRATIONS

LEED Green Associate

Former Member: **ASID Student Chapter IIDA Student Chapter USGBC Student Chapter** 

#### YEARS OF EXPERIENCE

7 years

#### SELECTED EXPERIENCE

#### **Berkeley County School** Hedgesville, WV Hedgesville PK School

#### **Berkeley County Schools** Martinsburg, WV Martinsburg High School

#### **Berkeley County School** Gerrardstown, WV Mountain Ridge Elementary School

#### **Berkeley County Schools** Hedgesville, WV Tomahawk Intermediate School

#### Cabell County Schools Milton, WV New Milton Elementary School

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

### McKinley Architecture & **Engineering**

Mars. PA North Pittsburgh Corporate Office

#### Pura:

Pleasant Grove, UT Pura Corporate Headquarters

#### Mixhers<sup>1</sup>

Springville, UT Mixhers Headquarters

#### Driven Auto Sales

Sprinaville, UT Driven Auto Sales Car Dealership

#### Tamarak Capital

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

#### Cache County

Logan, UT Cache County Children's Justice Center

#### Madbrook Donut Company

Salt Lake City, UT Madbrook Donut Company Headquarters

#### Capita Financial Network

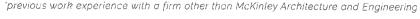
Salt Lake City, UT Capita Financial Network Headquarters

#### Orgill Family

Dear Valley, UT Orgill Residence

#### Walia Family

Washington Walia Residence







### TIM E. MIZER PE, RA, QCXP DIRECTOR OF ENGINEERING SERVICES

Mr. Mizer is a very talented and unique professional being both a Professional Engineer and Registered Architect. He joined McKinley Architecture and Engineering in 1995. Mizer's background as an Architect and Engineer has provided him with a total understanding of the engineering components and the process necessary for integrating architectural design and building systems. He has been formally trained to fully understand how integrated mechanical systems function and how systems interface with others to run buildings efficiently, Mr. Mizer's presence as Director of Engineering Services will be key in the coordination of all of the engineering systems within your project.

#### EDUCATION

Architecture

Kansas State University B.S. Architectural Engineering University of Cincinnati

#### **PROFESSIONAL AFFILIATIONS &** REGISTRATIONS

Registered Engineering in: Ohio West Virginia

Registered Architect in: Ohio

**Qualified Commissioning Process** Provider

#### YEARS OF EXPERIENCE

40 years

#### SELECTED EXPERIENCE

#### **Boone County Schools** Danville, WV Boone County Honors Academy addition and renovations

#### **Braxton County Schools**

Sutton, WV Braxton County High School addition and renovations for Fairmont State University / Pierpont Comm. & Tech. College

#### **Brooke County Schools** Wellsburg, WV

New Brooke Middle School

#### **Cabell County Schools**

Milton, WV New Milton Elementary School

#### **Fayette County Schools**

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

#### **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

#### **Logan County Schools**

Chapmanville, WV New Chapmanville Regional High School

#### Marshall County Schools

Sherrard, 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

#### **Wood County Schools**

Parkersburg, WV Parkersburg High School additions and renovations





## KURT SCHEER PE, LEED AP

SENIOR MECHANICAL ENGINEER

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

**ASPE** 

22 years

#### EDUCATION

Penn State University B.S. Architectural Engineering

#### **PROFESSIONAL AFFILIATIONS &** REGISTRATIONS

Registered Engineering in: Pennsylvania West Virginia

Member: US Green Building Council **ASHRAE** 

YEARS OF EXPERIENCE

### SELECTED EXPERIENCE

#### **Berkeley County Schools** Martinsburg, WV Spring Mills High Athletics

**Cabell County Schools** Milton, WV New Milton Elementary

Clay County Schools Clay, WV Clay Elementary HVAC renovation

**Fayette County Schools** Oak Hill, WV Fayette Institute of Technology renovations

Favette County Schools Meadow Bridge, WV New Meadow Bridge PK-12 School

**Fayette County Schools** Hico. WV New Midland Trail Elementary

**Hampshire County Schools** Slanesville, WV New Ice Mountain Elementary

**Hampshire County Schools** Romney, WV New South Branch Elementary

Hampshire County Schools Augusta, WV New Windy Ridge Elementary

**Harrison County Schools** Harrison County, WV County-Wide HVAC renovations **Harrison County Schools** Clarksburg, WV Gore / Victory Elementary buildout renovation/addition

**Harrison County Schools** Lost Creek, WV New Lost Creek Elementary

Hempfield Area School District Greensburg, PA Senior High School Natatorium Renovations

**Ohio County Schools** Warwood, WV Warwood School renovations

Wayne County Schools Wayne, WV Wayne High School Vo-Aq Metal Building

**Wyoming County Schools** Pineville, WV Wyoming County Career & Technical Center Multipurpose Building

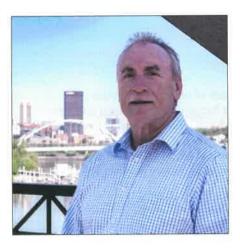
**Glenville State University** Glenville. WV Mollohan Building Renovations

Glenville State University Glenville, WV School of Health Sciences study

**Glenville State University** Glenville, WV We Proudly Serve

West Liberty University West Liberty, WV Elbin Library HVAC renovations





## PETER T. DONNELLY PE, LEED AP

MECHANICAL ENGINEER

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

#### **EDUCATION**

State University of New York A.A.S. Air Conditionina Technology Rochester Institute of Technology B.S. Energy Engineering

#### **PROFESSIONAL AFFILIATIONS &** REGISTRATIONS

Registered Engineering in: Pennsylvania

#### YEARS OF EXPERIENCE

43 years

#### SELECTED EXPERIENCE

#### **Berkeley County Schools** Martinsburg, WV Martinsburg High renovations

#### Cabell County Schools Milton, WV New Milton Elementary

#### **Hampshire County Schools** Augusta, WV New Windy Ridge Elementary

#### **Harrison County Schools** Lost Creek, WV South Harrison High HVAC

#### **Marshall County Schools** Cameron, WV Cameron High chiller

#### **Tyler County Schools** Sistersville, WV Headhouse addition

#### **Tyler County Schools** Sistersville, WV Tyler Consolidated MSHS Gym Entrance and Practice Room Addition

#### **Wood County Schools** Parkersbura, WV New Lubeck Elementary

#### **Wood County Schools** Parkersburg, WV Madison Elementary addition

#### Aliquippa School District Aliquippa, PA Aliquippa Jr./Sr. High

#### **Avonworth School District** Pittsburgh, PA Junior/Senior High

#### **Blackhawk School District** Beaver Falls, PA Middle/Senior High

#### **Butler Area School District**" Butler, PA Butler Senior High

#### Canon-McMillan School District Canonsburg, PA Canon-McMillan Senior High

#### Centennial School District Warminster, PA William Tennent High

#### Central Valley School District Monaca, PA High School/Middle

#### Mt. Lebanon School District Pittsburgh, PA Jefferson Middle

#### Mt. Lebanon School District Pittsburgh, PA Mellon Middle

#### North Hills School District" Pittsburgh, PA Junior High

#### **Northern Bedford County School** District Lovsburg, PA Middle School / High

#### Sto-Rox School District McKees Rocks, PA Sto-Rox Elementary

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





### ALAN M. GABER DE SENIOR ELECTRICAL ENGINEER

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

### 

#### EDUCATION

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

#### PROFESSIONAL AFFILIATIONS & REGISTRATIONS

Registered Engineering in: Ohio Pennsylvania West Virginia

#### YEARS OF EXPERIENCE

36 years

#### SELECTED EXPERIENCE

#### **Cabell County Schools** Milton, WV

New Milton Elementary

### Clay County Schools

Clav. WV Clay Elementary 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

#### **Fayette County Schools**

Smithers, WV Valley PK-8 School electric renovations

#### **Hampshire County Schools**

Romney, WV Hampshire High renovations

#### **Hampshire County Schools**

Slanesville, WV New Ice Mountain Elementary

#### **Hampshire County Schools**

Romnev, WV New South Branch Elementary

#### **Hampshire County Schools**

Augusta, WV New Windy Ridge Elementary

#### Hempfield Area School District

Greensburg, PA Owner's Representative for High School project

#### **Ohio County Schools**

Wheeling, WV Elm Grove Elementary renovations

#### Summers County Schools

Talcott. WV Talcott Elementary Gym renovation

#### Tyler County Schools

Sistersville, WV Tyler Consolidated MSHS Gym **Entrance & Practice Room** addition

#### Wayne County Schools

Wavne, WV Wayne High Vo-Ag Metal Building

#### Wayne County Schools

Fort Gay, WV Tolsia High Gym

#### Wetzel County Schools

Reader, WV Short Line School HVAC

#### Wetzel County Schools

New Martinsville, WV Bus Maintenance Facility

#### West Virginia Schools for the Deaf and the Blind

Romney, WV Campus-Wide Projects





## SCOTT D. KAIN

#### **ENGINEERING PRODUCTION MANAGER**

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

#### **EDUCATION**

Technology Education College / Ohio State University Associates in Mechanical Design

#### YEARS OF EXPERIENCE

29 years

#### SELECTED EXPERIENCE

**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 Middle / 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





## 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

13 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

#### **Favette 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**

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

#### **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 Marvs, 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





JAMES T. SAUER RLA SPORTS & RECREATION DIVISION MANAGER

Mr. Sauer, our Sports & Recreation Division Manager, has a background in civil engineering and landscape architecture and has been working exclusively in the field of land development and site engineering since 1994. James has a strong background in land development and site engineering which includes a specialty in earthwork design and engineering. James also has a reputable background in sports and recreation development which includes the design and engineering of over 150 completed athletic fields ranging from NCAA and Professional athletic facilities.

#### EDUCATION

West Virginia University B.S. in Landscape Architecture

#### PROFESSIONAL AFFILIATIONS & REGISTRATIONS

Registered Landscape Architect in: Indiana Maryland Ohio Pennsylvania Virginia West Virginia

American Society of Landscape Architects

Council of Landscape Architects Registration Board

#### **AWARDS**

American Society of Landscape Architecture Certificate of Honor

City of Pittsburgh Merit-Recognition of Hard Work and Dedication to Schenley Sportsplex

#### YEARS OF EXPERIENCE

25 years

#### SELECTED EXPERIENCE

#### **Berkeley County Schools**

Hedgesville, WV Hedgesville High Football Field

#### **Armstrong Area School District** Kittanning, PA

Armstrong Stadium

#### **Edison Local School District**

Hammondsville. OH Edison Local Area Sportsplex

#### **Fayette County Schools**

Hico, WV Midland Trail Baseball / Softball Field

#### **Fayette County Schools**

Hico, WV Midland Trail High Athletic renovations

#### **Fayette County Schools**

Oak Hill, WV Oak Hill High Athletic renovations

#### **Hancock County Schools**

New Cumberland, WV Oak Glen High Baseball and Softball Fields renovations

#### **Tyler County Schools**

Sistersville. WV Tyler Consolidated Athletic Complex

#### West Virginia University\*

Morgantown, WV The Steve Antoline Family Football **Practice Facility** 

#### West Virginia University\*

Morgantown, WV Caperton Indoor Facility renovations

#### West Virginia University\*

Morgantown, WV Milan Puskar Stadium renovations

#### West Liberty University

West Liberty, WV West Family Athletic Complex new multi-sport Soccer & Track Stadium

#### Wheeling University\*

Wheeling, WV Football, Soccer, Lacrosse, Rugby and Running Track

#### University of Virginia\*

Charlottesville, VA Artificial Field Hockey Field Turf Design

#### University of Virginia\*

Charlottesville, VA Lacrosse Field package

#### Allegheny College\*

Meadville. PA Field hockey Field and Soccer Field

#### Geneva College\*

Beaver Falls, PA Football field renovations

#### Franciscan University\*

Steubenville, OH Soccer Field and running track

previous JTSA Sports experience before merging with McKinley Architecture and Engineering





## KEVIN M. LYNCH

#### SPORTS DIVISION PROJECT MANAGER

Mr. Lynch is a certified drafting technician and a former carpenter and contractor. As a former contractor, Kevin has a solid knowledge of site construction and takes an active lead in construction document preparation and cost estimation. He has experience in meeting facilitation and has managed large community meetings, focus groups, and key person interviews. Mr. Lynch has over 20 years in sport construction experience and over 100 million dollars in completed sports projects. Kevin's practical and hands on experience brings quick resolution and solid forward guidance to each project. Kevin helps maintain the project integrity, time, and budget.

#### **EDUCATION**

Pittsburgh Technical Institute A.S. in Drafting and Design Pittsburgh Carpentry Union Mason

#### **PROFESSIONAL AFFILIATIONS &** REGISTRATIONS

Council of Landscape Architects Registration Board

#### YEARS OF EXPERIENCE

20 years

#### SELECTED EXPERIENCE

West Virginia University\* Morgantown, WV The Steve Antoline Family Football Practice Facility

West Virginia University\* Morgantown, WV Caperton Indoor Facility renovations

West Virginia University\* Morgantown, WV Milan Puskar Stadium renovations

West Virginia University\* Morgantown, WV Outdoor Football Practice Facility

West Liberty University West Liberty, WV West Family Athletic Complex new multi-sport Soccer & Track Stadium

Wheeling University\* Wheeling, WV Football, Soccer, Lacrosse, Rugby and Running Track

University of Virginia\* Charlottesville, VA Artificial Field Hockey Field Turf Design

University of Virginia\* Charlottesville, VA Lacrosse Field package

Allegheny College\* Meadville, PA Field hockey Field and Soccer Field

Geneva College\* Beaver Falls, PA Football field renovations

Franciscan University\* Steubenville, OH Soccer Field and running track

**Berkeley County Schools** Hedgesville, WV Hedgesville High Football Field

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

**Edison Local School District** Hammondsville, OH Edison Local Area Sportsplex

**Fayette County Schools** Hico, WV Midland Trail Baseball / Softball Field

**Fayette County Schools** Hico, WV Midland Trail High Athletic renovations

**Fayette County Schools** Oak Hill, WV Oak Hill High Athletic renovations

**Gateway School District** Monroeville, PA Sports Complex

**Tyler County Schools** Sistersville, WV Tyler Consolidated Athletic Complex

previous JTSA Sports experience before merging with McKinley Architecture and Engineering





## KRISTI MITCHELL RLA

LANDSCAPE ARCHITECT

Kristi has over 16 years of design experience, and her extensive background with federal and state planning experience helps to apply space programming principles to develop premiere athletic complex designs. Additionally, Kristi enjoys exploring the relationship between architecture and landscape architecture. She believes in a seamless transition from one to the other and the importance of holistic design.

#### **EDUCATION**

Chatham University Master in Landscape Architecture

University of Pittsburgh B.A. Social Sciences with a History Concentration

#### PROFESSIONAL AFFILIATIONS & REGISTRATIONS

Registered Landscape Architect in: Pennsylvania Illinois (pending) West Virginia (pending)

Master Planning Principles, **USACE Learning Center** 

Board of Directors Member Regional Trail Corporation

Member American Society of Landscape Architects

Steering Committee Member Westmoreland Heritage Trail Middle Gap Feasibility Study

#### YEARS OF EXPERIENCE

16 years

#### SELECTED EXPERIENCE

### **Berkeley County Schools**

Hedgesville, WV Hedgesville High Football Field

#### **Berkeley County Schools**

Inwood, WV Musselman High School Track/ Football Field

#### Baldwin-Whitehall School District

Pittsburgh, PA Tennis Courts

#### **Brookville Local School District**

Brookville, OH Brookville High Field renovations

#### **Fayette County Schools**

Hico. WV Midland Trail Baseball / Softball Field

#### **Fayette County Schools**

Hico, WV Midland Trail High Athletic renovations

#### **Fayette County Schools**

Oak Hill, WV Oak Hill High Athletic renovations

#### **Fort Cherry School District**

McDonald, PA Fort Cherry High Field-Track renovations

#### Franklin Area School District

Franklin, PA Baseball Softball Field

#### **Hancock County Schools**

New Cumberland, WV Oak Glen High Baseball and Softball Fields renovations

#### **Jackson County Schools**

Ravenswood, WV Ravenswood High Football Field Conversion

#### North Hills School District

Pittsburgh, PA North Hills High Baseball Field renovation

#### **Northwestern School District**

Albion, PA Northwestern High Stadium

#### Rock Hill Local School District

Ironton, OH Rock Hill High Baseball Field

#### Elizabeth Township Parks and Recreation

McKeesport, PA Ronald Wise Memorial Field





## MITCH LEECH

#### CONSTRUCTION CONTRACT ADMINISTRATOR

Mr. Leech is an adaptable professional with almost 30 years of experience in the K-12, Higher Ed, Healthcare, Financial and Senior Living sectors. This experience has provided him with a knowledge of the entire process, including project planning, project design, document preparation, bidding, construction administration and project closeout. His experience also includes LEED Documentation. As your main CA, he will observe the construction progress; is the liaison between the owner, contractor, and architect/engineer; will ensure that the contractor is following the construction documents; and more.

#### **EDUCATION**

Butler County Community College Architectural Drafting and Design

#### **PROFESSIONAL AFFILIATIONS &** REGISTRATIONS

Member:

Connoquenessing Borough Planning Committee

Former Councilman: Connoquenessing Borough Council

#### YEARS OF EXPERIENCE

29 years

#### SELECTED EXPERIENCE

#### **Hampshire County Schools** Slanesville, WV New Ice Mountain Elementary School

#### **Hampshire County Schools** Romnev, WV New South Branch Elementary School

#### **Hampshire County Schools** Augusta, WV New Windy Ridge Elementary School

#### **Hempfield Area School District** Owner's Rep Greensburg, PA

#### **Ohio County Schools** Wheeling, WV Elm Grove Elementary School renovations

#### **Ohio County Schools** Wheeling, WV Middle Creek Elementary School renovations

#### Butler Area School District\* Senior High School Butler, PA

#### Butler Area School District\* Senior High School - Stadium renovations Butler, PA

#### **Butler Area School District\*** Summit Elementary School Butler, PA

#### **Butler Area School District\*** McQuistion Elementary School Butler, PA

#### **Butler Area School District**\* Connoquenessing Elementary School Butler, PA

#### Bellwood-Antis School District\* Myers Elementary School Bellwood, PA

#### Canon McMillan School District\* Canonsburg, PA Canon McMillan Senior High School

#### Centennial School District Warminster, PA William Tennent High School

#### Centennial School District Warminster, PA William Tennent High School-Stadium Renovations

#### Central Valley School District\* Central Valley Primary Center Monaca, PA

#### Mt. Lebanon School District\* Hoover Elementary School Pittsburgh, PA

#### Mt. Lebanon School District\* Jefferson Elementary School Pittsburgh, PA

#### Mt. Lebanon School District\* Jefferson Middle School Pittsburgh, PA

#### Mt. Lebanon School District\* Julia Ward Howe Elementary School Pittsburgh, PA

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



### 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 West Virginia Schools for the Deaf and the Blind.

Over the years, McKinley Architecture and Engineering has designed a multitude of school projects, as well as sports and athletic projects. Our goal as your architect and engineer is to provide you with a first class, state of the art design.

With our growing size of over 60 employees, you can see that McKinley Architecture and Engineering can handle your projects. Our Team has successfully worked together on numerous projects.

With our hundreds of school projects, vast understanding of learning environment and educational facilities planning and design, 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 projects successful.

First off, one of the more exciting aspects of our job is listening to you, our client, in how you envision these projects, and transforming your ideas into realities. This can only be accomplished by effectively working together with you. We use and welcome your input throughout the projects.

We continually achieve success in projects by maintaining time and cost management, quality control and excellent communication amongst the client and contractors.

We hold weekly meetings to discuss your project, the budget, schedule and quality assurance. We provide Documented Minutes of all of our meetings and encourage West Virginia Schools for the Deaf and the Blind representatives, including administrators, facilities and maintenance staff, teachers, coaches, athletes, etc. to participate in these meetings.

Our approach to project programming, planning, and design is a constant quality control process which begins with the initial project activity and continues through document submissions, construction and owner occupancy.

The start to any project is defining the total future scope of what the project users' needs may be at the end of construction. With the need of gathering all of this information, one can see the importance of an initial coordination meeting and buildings/ sites visits becomes quite evident. This will be held with West Virginia Schools for the Deaf and the Blind representatives, end users for the facilities and track, facilities and maintenance staff, along with the McKinley Team's professionals. From this meeting the project requirements will be further defined and documented.

to be used as a guideline throughout the design phases.

To show why this initial meeting is important; McKinley Architecture and Engineering led the team that completed the \$30 million "University Terrace" College Apartments Housing Complex for Fairmont State University. This project kicked off with programming meetings (seen below), where we got the Owner's input to develop a priority list that was used as a guideline throughout the entire design phase. Defining this from the start was important, for it set a tone for the project, where every entity was on board from the beginning. The site selection, as well as the demolition and construction was well-planned so that there was as little downtime as possible for available student housing accommodations. The Apartments were designed to provide a welcoming, comfortable and home-like environment that will be conductive to the achievement of individual goals while also establishing a sense of community for student growth and interaction. The buildings are located on the west, north and east sides of the site; creating a large courtyard for student functions, which includes landscaping along with an amphitheater. The main goal was to incorporate a space for students to congregate; to create a gathering space that creates a sense of community. In addition, there are many energy-efficient design elements throughout the apartments. Since the conditions and availability of student housing was of high importance to the University, this 105,706 SF project was a high priority and had an aggressive schedule. This 3 building complex had a Ground-breaking Ceremony on April







16, 2015. Two of the three buildings were finished in July 2016. The third building was completed in October 2016. As you can see, from that initial meeting we got all shareholders on board, designed to their needs, and we helped transform Fairmont State University's ideas into realities.

Our technical approach to design is a constant process which begins with the initial project activity and continues through document submissions, the construction phase, and owner occupancy. The longevity and size of the firm and our history of success completing complex and innovative projects is founded upon our commitment to this process.

During the design phase all personnel become fully versed in your program, the project requirements and design standards. The design team is responsible for identifying for the West Virginia Schools for the Deaf and the Blind any potential conflicts between program criteria and design standards and resolving those conflicts to your satisfaction.

As the schematic/concept plans are developed, John R. Jefferis, LEED AP, CCM, MPM, your Project Manager. will present the plans for review and comments to a plan group depending on the nature of the work; e.g. architects critiquing the architecture and engineers commenting on the engineering. Once a consensus is reached, the plans advance in the process.

Prior to the completion of each determined phase, a set of project documents is issued to each discipline for coordination, cross-checking and review. The following items are checked at that time: drawings and specifications for program compliance; drawings and specs for internal coordination; cost effectiveness of the design; drawing accuracy; and compliance with appropriate codes and client standards.

After coordination check corrections are completed, John will review the documents and compares the completed documents with check prints to verify that corrections have been made in accordance with the project design criteria. A review set is sent to the West Virginia Schools for the Deaf and the Blind, the Fire



Marshal and other governing authorities for preliminary review.

During the subsequent phases of design, all items are checked by persons other than those performing the daily design work in order to provide fresh insight. Prior to the final release of the documents, revisions are checked by John and appropriately referenced on the drawings. Copies of the final documents will be distributed to the West Virginia Schools for the Deaf and the Blind, Fire Marshal, and other governing authorities for final review comments.

Comments are incorporated into the documents prior to issuance for bidding and construction.

Bid documents are issued after a final check to verify that all bid packages have current revisions included and are appropriately identified. Bid sets are numbered and registered to bidders so that each bidder may be kept informed of clarifications and addenda.

In addition, our Quality Assurance Program also starts with a peer review where a registered professional not involved in the design becomes reviewer of the project before going to bid. We hold weekly meetings to discuss your project, the budget, schedule and quality assurance; we provide Documented Minutes and encourage West Virginia Schools for the Deaf and the Blind representatives to participate in these meetings.

For all of our Clients we require a set of Operation & Maintenance Manuals be submitted from manufacturers as Closeout Documents. Equipment specific Maintenance Agreements can be incorporated into the construction documents if the Owner believes staff availability might be sporadic.

Also, during construction, our technical approach to achieve your requirements starts with our Construction Contract Administrators who monitor the contractor's progress to ensure that they are following the Construction Documents.

The project completion time frame expectation for Project Closeout is defined in the front end of the Project Manual in the Specifications so that the contractors are aware of the requirements before submitting a bid.

Mitch Leech, your Construction Contract Administrator. will monitor progress during the project and verify that closeout documents are submitted in a timely manner upon Substantial Completion, and they can specify tools and goals (such as deadlines or monetary values) to encourage compliance.

Furthermore, our 11-Month Walk-Through is a process where our professionals return to your facility eleven months after the project is completed. At that time they review all the work that was completed and check all

warranties. We are making sure all of the covered work is in order and that the warranties do not expire with equipment or product not working properly.

It should be noted that McKinley has been performing our 11-Month Walk-Through as part of our Standard of Care long before it being adopted as part of the AIA B101 Standard Form of Agreement Contract Between the Owner and Architect.

We are one of the only companies in the area whose primary focus is sports architectural design. Our team is designing, master planning, and constructing sports facilities on a daily basis for universities, colleges, high schools, and municipalities all across the Eastern United States.

We bring a straight forward approach that offers impressive planning and design activities where the school and athlete involvement are the top priority of design solutions. We work with coaches, staff, and management through a collaborative and inclusive process that identifies and prioritizes the needs for your track project. Our experience in sports design will help your team navigate through the project, finding the best solutions for your track, and your team, and ensure the design reflects the personal and individual vision of your school.

Our daily work within the sport architecture field, keeps our team up-to-date and knowledgeable about the most current materials, products, and sports safety. Our work in the state of West Virginia and surrounding states has given us working experience with almost all of the regional sports builders and representatives of products and materials. With over 150 sports facilities constructed in multiple states, our team is extremely knowledgeable in the codes, permitting, and design requirements design your facility.

Our sports designs are developed through a team effort, by assessing the users' needs and visions, then combining that information with our "hands on" sports construction experience.

The result is a custom sports complex, designed to be built to the specific needs of your athletes.

We feel performance doesn't just happen on the field of play, it is the total game experience and our Sport Architects' designs go outside the field of play to create a total game-time experience for players and spectators alike. Our facilities create the exciting atmosphere needed to make your complex stand out among the rest.

The athletes today are no longer single season players. The training of athletics has become year-round and our athletes have risen to the highest levels of personal performance seen in history. With the acceleration in

personal development, our sports venues must rise to meet the performance driven athlete as well as the recreational athlete.

Performance of the track and its design are pinnacle. Our sports facilities must combine both the highest levels of safety ever seen, all the while becoming more maintenance free and all season driven. We understand that safety and performance are not exclusive to the highest-level facilities but needed in all levels.

In addition, performance does not have to be excessively costly. It is the opposite. If the track is designed correctly, the cost over the long term will be significantly reduced.

McKinley Architecture and Engineering has built its reputation over the past 43 years on our ability to deliver projects on time, budget, and with minimal amount of change orders. Many of our projects over the past five years have been completed on schedule and with less than 1% change orders, which is well below the national average. We've also had projects with net negative change orders on the entire project.

For equipment, McKinley Architecture and Engineering always strives to improve the services we provide. Here is a partial list of our Modeling Software as well as other equipment/software we use: Adobe Creative Cloud, Architectural Graphic Standards, ASCE Standard, Autodesk BIM 360 and Collaborate Pro, Autodesk Building Design Suite Premium (BIM) and Ultimate with Clash Protection (BIM), Autodesk Revit Architectural (BIM), Autodesk Revit MEP (BIM), 3D Studio Max. Autodesk Autocad Architecture, Autodesk Autocad MEP, Autodesk Autocad Civil 3D, Autodesk Ecotect Analysis, Bluebeam, Climate Consultant, COMcheck. Cummins Power Suite, EELabs, Enercalc, Enscape. eQUEST, HAP, Lite Pro, Lumion, Masterspec, Matterport, Microsoft Sharepoint, NavisWorks, part3, Storm Water Detention/Retention Design Tool, VDI (Virtual Desktop Infrastructure), Visual Professional Edition (Light Modeling/Calculation Software), and more.

By utilizing this software suite of programs, we can access our drawings and job files on mobile devices onsite, which will streamline our design and construction contract administration processes. For some of our clients, they request access to the VDI, which gives a limited virtual access to their project.

We are confident that McKinley Architecture and Engineering has the talent and technology needed to make your project a success, and the West Virginia Schools for the Deaf and the Blind will have the facilities vou desire.

## RFFFRENCES

We feel that the best way to demonstrate our strengths and leadership in educational and sports 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:

### **Fayette County Schools**

Mr. Gary Hough Superintendent 111 Fayette Avenue Fayetteville, WV 25840 (304) 574-1176

#### **Hampshire County Schools**

Mr. Jeffrey Pancione Superintendent 111 School Street Romney, WV 26757 (304) 822-3528

#### **Hancock County Schools**

Mr. Mark Dziatkowicz Facilities/Maintenance Director 104 North Court Street New Cumberland, WV 26047 (304) 797-1643

#### **Harrison County Schools**

Ms. Dora Stutler Superintendent P.O. Box 1370 Clarksburg, WV 26302 (304) 326-7300

#### Marshall County Schools

Mr. Michael Price **Facilities Director** PO Box 578 Moundsville, WV 26041 (304) 843-4400 X349

#### **Ohio County Schools**

Dr. Kim Miller Superintendent 2203 National Road Wheeling, WV 26003 (304) 243-0300

#### **Summers County Schools**

Mr. Dave Warvel Superintendent 418 Temple Street Hinton, WV 25951 (304) 466-6000

#### Tyler County Schools

Ms. Amanda Kimble Facilities Director P.O. Box 25 Middlebourne, WV 26149 (304) 758-2145

#### Wayne County Schools

Mr. Todd Alexander Superintendent 212 North Court Street Wayne, WV 25570 (304) 272-5116

#### Wirt County Schools

Ms. MarvJane Pope Albin Superintendent PO Box 189 Elizabeth, WV 26143 (304) 275-4279

#### **Wood County Schools**

Mr. Michael Fling Assistant Superintendent 1210 13th Street Parkersburg, WV 26101 (304) 420-9670 x172

#### West Liberty University

Ms. Roberta C. Linger, CPA, MBA VP Finance and Administration 208 University Dr. Shaw Hall 325 West Liberty, WV 26074 (304) 336-8990





## HANCOCK COUNTY SCHOOL

Suzan L. Smith, Superintendent P.O. Box 1300, New Cumberland, WV 26047 Fax - 304-564-3990 · Voice - 304-564-3411 · www.hancockschools.org

February 2, 2015

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,

you f. Shots 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.





Facilities Management - Construction Services

### West Virginia University

February 9, 2018

Bill Linn, PMP Capital Project Manager 979 Rawley Lane Morgantown, WV 26506 April 19, 2011

RE: WVU's experience with JTSA

To whom it may concern:

WVU and I personally have worked with JTSA's Jim Sauer, Kevin Nadalin, and their staff on multiple projects around WVU's Morgantown campus. Jim and his staff have always been professional, knowledgeable and have worked diligently to meet the needs of WVU's athletic programs.

The list of projects WVU and JTSA have teamed on includes the new artificial turf baseball field at the Monongalia County Ball Park, home of the WV Black Bears and WVU Baseball team. This project was constructed using a design-build approach where JTSA was a sub-consultant to the Design-Builder. Throughout the project and afterward JTSA upheld WVU interests and provided the oversight to ensure a successful completion.

For the replacement of WVU's game field Mountaineer Field at Milan Puskar Stadium JTSA acted as the prime architect/designer assisting in the removal of the field 'crown' and installation of a new artificial turf field. JTSA worked with WVU's maintenance staff and administrators to design and oversee the installation to meet the demanding time frame that collaborated with the needs of the football program.

As a precursor to the game field replacement JTSA designed and oversaw the removal of the grass practice field and installation of artificial turf to allow the football team the ability to practice outdoors regardless of weather conditions. The practice field included the construction of an operations/maintenance structure that would allow the football training staff the ability to better serve the team during practices as well as maintenance staff storage. Additionally, at the suggestion of Jim Sauer shade structures were constructed adjacent to the practice field to afford the players and coaches the ability to shelter from the heat typically felt on artificial turf fields, complete with drink stations and seating.

Throughout these projects Jim and his staff listened to WVU's requests, offered intelligent and well thought out suggestions, provided a comprehensive design and worked with the installers and contractors to ensure WVU's satisfaction and successful project completion.

Sincerely,

Bill Linn, PMP

Capital Project Manager



